

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------|-------------|------------|-------------|-------------------|
| AT | 1998-Aug-26 | 01130297.3 | 2002-Apr-10 | EP 1195740 | 2017-Nov-22 | 1195740 | 2018-Aug-26 | |
| AT | 1999-Sep-03 | 03011110.8 | 2004-Feb-25 | EP 1391650 | 2014-Feb-26 | 1391650 | 2019-Sep-03 | |
| AT | 2000-Nov-20 | 05076817.5 | 2005-Dec-28 | EP 1610593 | 2015-Jul-08 | 1610593 | 2020-Nov-20 | |
| AT | 2000-Dec-01 | 01123199.0 | 2002-Jan-30 | EP 1176362 | 2004-Dec-01 | 1176362 | 2020-Dec-01 | |
| AT | 2000-Dec-01 | 00126262.5 | 2001-Jun-13 | EP 1106914 | 2002-Sep-11 | E224032 | 2020-Dec-01 | |
| AT | 2001-Jan-08 | 01907413.7 | | | 2006-Jun-14 | E330448 | 2021-Jan-08 | |
| AT | 2001-Apr-24 | 03028671.0 | | | 2010-Apr-14 | E 464771 | 2021-Apr-24 | |
| AT | 2001-Apr-24 | 07075990.7 | 2008-Feb-13 | EP 1887836 | 2012-Mar-07 | E548887 | 2021-Apr-24 | |
| AT | 2001-Aug-31 | 01120981.4 | 2002-Mar-06 | EP 1183964 | 2003-Nov-05 | E253314 | 2021-Aug-31 | |
| AT | 2001-Oct-25 | 01997118.3 | | | 2009-Jun-17 | E434152 | 2021-Oct-25 | |
| AT | 2001-Dec-20 | 01994819.9 | | EP 1399692 | 2008-Nov-05 | 1399692 | 2021-Dec-21 | |
| AT | 2002-Jun-21 | 02738518.6 | | | 2008-Dec-10 | E 417490 | 2022-Jun-21 | |
| AT | 2002-Jul-18 | 02751538.6 | | | 2006-May-17 | E 326826 | 2022-Jul-18 | |
| AT | 2002-Jul-18 | 02751537.8 | | | 2006-May-24 | E327654 | 2022-Jul-18 | |
| AT | 2003-Aug-28 | 03791823.2 | | | 2010-Jan-13 | E455451 | 2023-Aug-28 | |
| AT | 2003-Dec-11 | 03813686.7 | 2005-Sep-28 | EP 1579735 | 2016-Mar-09 | 1579735 | 2023-Dec-11 | |
| AT | 2005-Sep-19 | 05783602.5 | 2007-Jul-11 | EP 1805452 | 2014-Apr-23 | 1805452 | 2025-Sep-19 | |
| AT | 2005-Sep-19 | 14162998.0 | 2014-Oct-15 | EP 2789894 | 2018-Dec-12 | 2789894 | 2025-Sep-19 | |
| AT | 2005-Dec-02 | 05815525.0 | | | 2017-Oct-04 | 1842399 | 2025-Dec-02 | |
| AT | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| AT | 2006-Apr-03 | 06716702.3 | 2007-Nov-29 | EP 1869365 | 2013-Jun-12 | 1869365 | 2026-Apr-03 | |
| AT | 2006-May-24 | 06765708.0 | | EP 1889519 | 2009-Mar-18 | 1889519 | 2026-May-24 | |
| AT | 2006-Oct-11 | 14166066.2 | 2014-Sep-17 | EP 2779146 | 2017-Jul-26 | 2779146 | 2026-Oct-11 | |
| AT | 2006-Oct-11 | 11173044.6 | 2011-Nov-30 | EP 2390866 | 2016-Sep-28 | 2390866 | 2026-Oct-11 | |
| AT | 2006-Oct-11 | 06812715.8 | | EP 1938298 | 2012-Jun-13 | 1938298 | 2026-Oct-11 | |
| AT | 2006-Dec-13 | 06842469.6 | 2008-Sep-10 | EP 1966624 | 2011-Jun-29 | E 514958 | 2026-Dec-13 | |
| AT | 2006-Dec-13 | 11155525.6 | 2011-May-25 | EP 2325670 | 2017-Oct-25 | 2325670 | 2026-Dec-13 | |
| AT | 2007-Mar-02 | 07713186.0 | 2008-Dec-03 | EP 1997352 | 2018-Oct-24 | 1997352 | 2027-Mar-02 | |
| AT | 2007-May-31 | 15177099.7 | 2016-Apr-27 | EP 3013124 | 2017-Jul-12 | 3013124 | 2027-May-31 | |
| AT | 2007-Nov-06 | 07826984.2 | | | 2010-Jul-28 | E476087 | 2027-Nov-06 | |
| AT | 2007-Nov-27 | 07862228.9 | | | 2011-Mar-02 | E 500469 | 2027-Nov-27 | |
| AT | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | | |
| AT | 2008-Apr-04 | 08737714.9 | | | 2010-Oct-06 | E 483939 | 2028-Apr-04 | |
| AT | 2008-Apr-23 | 08737957.4 | 2010-Jan-20 | EP 2145508 | 2018-Aug-15 | 2145508 | 2028-Apr-23 | |
| AT | 2008-May-01 | 14195242.4 | 2015-Apr-22 | EP 2863104 | | | | |
| AT | 2010-Jun-11 | 10730223.4 | 2012-Apr-25 | EP 2443387 | 2016-Mar-02 | 2443387 | 2030-Jun-11 | |
| AT | 2011-Feb-28 | 11713358.7 | 2013-Jan-09 | EP 2542826 | 2018-Oct-24 | 2542826 | 2031-Feb-28 | |
| AT | 2011-Nov-16 | 11794283.9 | | | 2019-Jan-09 | 2681969 | | |
| AT | 2013-Feb-22 | 13717316.7 | 2014-Dec-17 | EP 2823691 | 2019-Apr-10 | 2823691 | | |
| AT | 2013-Jul-12 | 13765494.3 | 2015-May-20 | EP 2873299 | 2019-Jan-09 | 2873299 | | |
| AT | 2014-Jun-04 | 14728546.4 | 2016-Apr-13 | EP 3005834 | 2018-Mar-21 | 3005834 | | |
| AT | 2014-Jul-09 | 14738810.2 | 2016-Jun-08 | EP | 2017-Feb-22 | 3028541 | | |
| AU | 1998-Aug-26 | 2006202217 | | | 2009-Jan-22 | 2006202217 | 2018-Aug-26 | |
| AU | 1998-Aug-26 | 2003203584 | | | 2006-Jul-13 | 2003203584 | 2018-Aug-26 | |
| AU | 1998-Aug-26 | 92060/98 | | | 2003-May-22 | 757000 | 2018-Aug-26 | |
| AU | 1998-Dec-17 | 2004200183 | | | 2007-Oct-04 | 2004200183 | 2018-Dec-17 | |
| AU | 1998-Dec-17 | 2007216901 | | | 2008-Oct-30 | 2007216901 | 2018-Dec-17 | |
| AU | 2004-Dec-13 | 2004300444 | | | 2009-Sep-24 | 2004300444 | 2024-Dec-13 | |
| AU | 2005-Mar-14 | 2005222987 | | | 2009-Nov-05 | 2005222987 | 2025-Mar-14 | |
| AU | 2006-May-23 | 2006249979 | | | 2011-Dec-08 | 2006249979 | 2026-May-23 | |
| BE | 1998-Jan-22 | 98900141.7 | 1999-Jan-13 | EP 0890059 | 2004-Jun-23 | 0890059 | 2018-Jan-22 | |
| BE | 1998-Aug-26 | 01130297.3 | 2002-Apr-10 | EP 1195740 | 2017-Nov-22 | 1195740 | 2018-Aug-26 | |
| BE | 1999-Sep-03 | 03011110.8 | 2004-Feb-25 | EP 1391650 | 2014-Feb-26 | 1391650 | 2019-Sep-03 | |
| BE | 2000-Nov-20 | 05076817.5 | 2005-Dec-28 | EP 1610593 | 2015-Jul-08 | 1610593 | 2020-Nov-20 | |
| BE | 2000-Dec-01 | 00126263.3 | 2001-Jun-13 | EP 1106915 | 2002-Sep-25 | 1106915 | 2020-Dec-01 | |
| BE | 2000-Dec-01 | 00126262.5 | 2001-Jun-13 | EP 1106914 | 2002-Sep-11 | 1106914 | 2020-Dec-01 | |
| BE | 2001-Apr-24 | 03028671.0 | | EP 1422975 | 2010-Apr-14 | 1422975 | 2021-Apr-24 | |
| BE | 2001-Apr-24 | 07075990.7 | 2008-Feb-13 | EP 1887836 | 2012-Mar-07 | 1887836 | 2021-Apr-24 | |
| BE | 2001-Aug-14 | 01203099.5 | | EP 1182396 | 2009-Oct-14 | 1182396 | 2021-Aug-14 | |
| BE | 2001-Oct-25 | 01997118.3 | | EP 1337784 | 2009-Jun-17 | 1337784 | 2021-Oct-25 | |
| BE | 2002-Jun-21 | 02738518.6 | | EP 1405551 | 2008-Dec-10 | 1405551 | 2022-Jun-21 | |
| BE | 2003-Aug-28 | 03791823.2 | | EP 1535495 | 2010-Jan-13 | 1535495 | 2023-Aug-28 | |
| BE | 2004-Apr-21 | 04760087.9 | 2006-Feb-01 | EP 1620843 | 2015-Sep-02 | 1620843 | 2024-Apr-21 | |
| BE | 2005-Sep-19 | 05783602.5 | 2007-Jul-11 | EP 1805452 | 2014-Apr-23 | 1805452 | 2025-Sep-19 | |
| BE | 2005-Sep-19 | 14162998.0 | 2014-Oct-15 | EP 2789894 | 2018-Dec-12 | 2789894 | 2025-Sep-19 | |
| BE | 2005-Nov-09 | 05809900.3 | | EP 1815536 | 2011-Feb-09 | 1815536 | 2025-Nov-09 | |
| BE | 2005-Dec-02 | 05815525.0 | | | 2017-Oct-04 | 1842399 | 2025-Dec-02 | |
| BE | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|---------------------|-------------|---------------------|-------------|--------------|-------------|-------------------|
| BE | 2006-Apr-03 | 06716702.3 | 2007-Nov-29 | EP 1869365 | 2013-Jun-12 | 1869365 | 2026-Apr-03 | |
| BE | 2006-May-08 | 06770064.1 | 2008-Oct-29 | EP 1984667 | 2017-Aug-23 | 1984667 | 2026-May-08 | |
| BE | 2006-May-24 | 06765708.0 | | EP 1889519 | 2009-Mar-18 | 1889519 | 2026-May-24 | |
| BE | 2006-Oct-11 | 06812715.8 | | EP 1938298 | 2012-Jun-13 | 1938298 | 2026-Oct-11 | |
| BE | 2006-Oct-11 | 14166066.2 | 2014-Sep-17 | EP 2779146 | 2017-Jul-26 | 2779146 | 2026-Oct-11 | |
| BE | 2006-Oct-11 | 11173044.6 | 2011-Nov-30 | EP 2390866 | 2016-Sep-28 | 2390866 | 2026-Oct-11 | |
| BE | 2006-Dec-13 | 11155525.6 | 2011-May-25 | EP 2325670 | 2017-Oct-25 | 2325670 | 2026-Dec-13 | |
| BE | 2006-Dec-13 | 06842469.6 | 2008-Sep-10 | EP 1966624 | 2011-Jun-29 | 1966624 | 2026-Dec-13 | |
| BE | 2007-Mar-02 | 07713186.0 | 2008-Dec-03 | EP 1997352 | 2018-Oct-24 | 1997352 | 2027-Mar-02 | |
| BE | 2007-May-31 | 15177099.7 | 2016-Apr-27 | EP 3013124 | 2017-Jul-12 | 3013124 | 2027-May-31 | |
| BE | 2007-Nov-27 | 07862228.9 | 2009-Aug-19 | EP 2089656 | 2011-Mar-02 | 2089656 | 2027-Nov-27 | |
| BE | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | | |
| BE | 2008-Mar-31 | 08737675.2 | 2010-Jan-13 | EP 2143303 | 2012-Aug-08 | 2143303 | 2028-Mar-31 | |
| BE | 2008-Apr-04 | 08737714.9 | | EP 2135005 | 2010-Oct-06 | 2135005 | 2028-Apr-04 | |
| BE | 2008-Apr-23 | 08737957.4 | 2010-Jan-20 | EP 2145508 | 2018-Aug-15 | 2145508 | 2028-Apr-23 | |
| BE | 2009-Jun-12 | 09761216.2 | 2011-Mar-02 | EP 2288848 | 2018-Dec-26 | 2288848 | 2029-Jun-12 | |
| BE | 2011-Feb-28 | 11713358.7 | 2013-Jan-09 | EP 2542826 | 2018-Oct-24 | 2542826 | 2031-Feb-28 | |
| BE | 2011-Nov-16 | 11794283.9 | | | 2019-Jan-09 | 2681969 | | |
| BE | 2013-Jan-02 | 13703878.2 | 2014-Aug-06 | EP 2761978 | 2016-Apr-06 | 2761978 | 2033-Jan-02 | |
| BE | 2013-Jul-12 | 13765494.3 | 2015-May-20 | EP 2873299 | 2019-Jan-09 | 2873299 | | |
| BE | 2014-Jun-04 | 14728546.4 | 2016-Apr-13 | EP 3005834 | 2018-Mar-21 | 3005834 | 2034-Jun-04 | |
| BG | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| BG | 2014-Jun-04 | 14728546.4 | 2016-Apr-13 | EP 3005834 | 2018-Mar-21 | 3005834 | 2034-Jun-04 | |
| BR | 2006-May-24 | PI 0610118-6 | | | 2018-Jul-10 | PI 0610118-6 | 2026-May-24 | |
| BR | 2007-Aug-22 | PI 0715802-5 | | | 2019-Mar-06 | PI0715802-5 | 2027-Aug-22 | |
| BR | 2007-Sep-20 | PI 0717018-1 | | | 2018-Dec-26 | PI0717018-1 | 2027-Sep-20 | |
| BR | 2007-Oct-11 | PI0717788-7 | | | 2018-Aug-28 | PI0717788-7 | 2027-Oct-11 | |
| BR | 2007-Oct-12 | PI 0717787-9 | | | 2018-Jun-26 | PI0717787-9 | 2027-Oct-12 | |
| BR | 2007-Oct-31 | PI 0718151-5 | 2013-Nov-05 | 0718151-5-A | 2019-Feb-05 | PI0718151-5 | 2027-Oct-31 | |
| BR | 2007-Nov-06 | PI 0718524-3 | | | 2018-Sep-25 | PI0718524-3 | 2027-Nov-06 | |
| BR | 2007-Nov-08 | PI 0718843-9 | | | 2019-Feb-26 | PI0718843-9 | 2027-Nov-08 | |
| BR | 2007-Nov-27 | PI 0719124-3 | | | 2019-Feb-12 | PI0719124-3 | 2027-Nov-27 | |
| BR | 2008-Mar-31 | PI 0809846-8 | | | | | 2028-Mar-31 | |
| BR | 2008-May-01 | PI 0810964-8 | | | | | 2028-May-01 | |
| BR | 2009-Oct-02 | PI 0914050-6 | | | | | 2029-Oct-02 | |
| BR | 2009-Nov-12 | PI0916006-0 | | | | | 2029-Nov-12 | |
| BR | 2010-Mar-15 | PI 1006206-8 | 2017-Jul-25 | BR PI1006206-8 | | | 2030-Mar-15 | |
| BR | 2010-Apr-01 | PI 1007735-9 | 2016-Dec-27 | PI 1007735-9-A2 | | | 2030-Apr-01 | |
| BR | 2010-May-26 | PI1008220-4 | | | | | 2030-May-26 | |
| BR | 2010-Jun-04 | PI 1010173-0 | | | | | 2030-Jun-04 | |
| BR | 2010-Jun-09 | PI 1009712-0 | | | | | 2030-Jun-09 | |
| BR | 2010-Jun-11 | PI 1009654-0 | | | | | 2030-Jun-11 | |
| BR | 2010-Jun-14 | PI 1009725-2 | | | | | 2030-Jun-14 | |
| BR | 2010-Jul-07 | 112012000771 | 2017-Dec-05 | BR 112012000771 | | | | |
| BR | 2010-Jul-14 | BR 11 2012 001312-2 | | | | | 2030-Jul-14 | |
| BR | 2010-Jul-19 | BR112012001414-5 | | | | | 2030-Jul-19 | |
| BR | 2010-Aug-18 | BR 11 2012 003853-2 | 2017-Aug-29 | 3R 112012003853-2 | | | 2030-Aug-18 | |
| BR | 2010-Sep-01 | BR 11 2012 004549-0 | 2017-May-23 | 2420 | | | 2030-Sep-01 | |
| BR | 2010-Sep-09 | PI 1005987-3 | | | | | 2030-Sep-09 | |
| BR | 2011-Feb-28 | BR112012021872-7 | | | | | 2031-Feb-28 | |
| BR | 2011-Apr-01 | BR 11 2012 025355-7 | | | | | 2031-Apr-01 | |
| BR | 2011-Aug-05 | BR1120130046546 | | | | | 2031-Aug-05 | |
| BR | 2011-Nov-15 | BR 11 2013 012675 2 | | | | | 2031-Nov-15 | |
| BR | 2012-Jan-11 | BR 11 2013 017693 8 | 2016-Oct-11 | 3R 112013017693-8 | | | 2032-Jan-11 | |
| BR | 2012-Mar-22 | BR 11 2013 024596 4 | 2017-Jan-03 | iR 11 2013 024596 4 | | | 2032-Mar-22 | |
| BR | 2012-Mar-27 | BR 11 2013 024724 0 | 2016-Dec-20 | R 11 2013 024724-0 | | | 2032-Mar-27 | |
| BR | 2012-May-14 | BR 11 2013 029231 8 | 2017-Apr-18 | 3R 112013029231-8 | | | 2032-May-14 | |
| BR | 2012-Oct-12 | BR 11 2014 008524 2 | 2017-Apr-18 | 3R 112014008524-2 | | | 2032-Oct-12 | |
| BR | 2012-Oct-19 | BR 11 2014 009343 1 | 2017-Dec-05 | 3R 112014009343-1 | | | 2032-Oct-19 | |
| BR | 2013-Jan-25 | BR 11 2014 018602 2 | 2017-Jun-20 | 3R 112014018602-2 | | | 2033-Jan-25 | |
| BR | 2013-Feb-22 | BR 11 2014 020965 0 | 2017-Jul-04 | iR 11 2014 020965 0 | | | 2033-Feb-22 | |
| BR | 2013-Mar-08 | 11 2014 023013 7 | 2017-Jun-20 | iR 11 2014 023013 7 | | | 2033-Mar-08 | |
| BR | 2013-Mar-20 | BR 11 2014 023665 8 | 2017-Jun-20 | BR 2424 | | | 2033-Mar-20 | |
| BR | 2013-Jun-17 | BR 11 2014 031992 8 | 2017-Jun-27 | iR 11 2014 031992 8 | | | 2033-Jun-17 | |
| BR | 2014-Apr-02 | BR 11 2015 025076 9 | 2017-Jul-18 | 2428 | | | 2034-Apr-02 | |
| BR | 2014-Jun-04 | BR 11 2015 030165 7 | 2017-Jul-25 | 3R 112015030165-7 | | | 2034-Jun-04 | |
| BR | 2014-Jul-09 | BR 11 2016 001847 8 | 2017-Aug-01 | 3R 112016001847-8 | | | 2034-Jul-09 | |
| BR | 2014-Nov-12 | BR 11 2016 011158 3 | 2017-Aug-08 | 3R 112016011158-3 | | | 2034-Nov-12 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|---------------------|-------------|-------------------|-------------|-----------|-------------|-------------------|
| BR | 2015-Feb-23 | BR 11 2016 013320 0 | 2017-Aug-08 | 3R 112016013320-0 | | | 2035-Feb-23 | |
| CA | 1998-Jan-22 | 2249423 | | | 2009-Sep-15 | 2249423 | 2018-Jan-22 | |
| CA | 1998-Jul-27 | 2267406 | | | 2006-Mar-07 | 2267406 | 2018-Jul-27 | |
| CA | 1998-Aug-26 | 2302227 | | | 2004-Jul-27 | 2302227 | 2018-Aug-26 | |
| CA | 1998-Aug-26 | 2466717 | | | 2010-Jan-26 | 2466717 | 2018-Aug-26 | |
| CA | 1998-Dec-17 | 2314163 | | | 2008-Sep-23 | 2314163 | 2018-Dec-17 | |
| CA | 2003-Dec-08 | 2452348 | 2004-Sep-05 | CA 2452348 | 2011-May-03 | 2452348 | 2023-Dec-08 | |
| CA | 2004-Jul-20 | 2533195 | 2005-Jan-27 | CA 2533195 | 2011-May-10 | 2533195 | 2024-Jul-20 | |
| CA | 2004-Dec-13 | 2552683 | | | 2011-May-03 | 2552683 | 2024-Dec-13 | |
| CA | 2005-Jan-28 | 2554863 | 2005-Aug-11 | CA 2554863 | 2012-Jul-10 | 2554863 | 2025-Jan-28 | |
| CA | 2005-Feb-28 | 2557447 | 2005-Sep-09 | CA 2557447 | 2012-Dec-18 | 2557447 | 2025-Feb-28 | |
| CA | 2005-Mar-14 | 2559718 | | | 2012-May-22 | 2559718 | 2025-Mar-14 | |
| CA | 2005-Mar-14 | 2730210 | | | 2015-May-05 | 2730210 | 2025-Mar-14 | |
| CA | 2005-Jun-23 | 2572335 | 2006-Jan-12 | CA 2572335 | 2014-Feb-04 | 2572335 | 2025-Jun-23 | |
| CA | 2005-Jul-29 | 2576099 | 2006-Feb-09 | CA 2576099 | 2015-Feb-10 | 2576099 | 2025-Jul-29 | |
| CA | 2005-Aug-02 | 2576304 | 2006-Feb-16 | CA 2576304 | 2013-Dec-10 | 2576304 | 2025-Aug-02 | |
| CA | 2005-Sep-29 | 2521973 | 2006-Mar-29 | CA 2521973 | 2013-Dec-10 | 2521973 | 2025-Sep-29 | |
| CA | 2005-Oct-12 | 2583357 | 2006-Apr-20 | CA 2583357 | 2014-Dec-09 | 2583357 | 2025-Oct-12 | |
| CA | 2005-Nov-23 | 2589207 | 2006-Jun-01 | CA 2589207 | 2014-Jan-28 | 2589207 | 2025-Nov-23 | |
| CA | 2005-Dec-20 | 2591205 | | | 2015-Feb-17 | 2591205 | 2025-Dec-20 | |
| CA | 2006-Jan-05 | 2606687 | 2006-Jul-13 | CA 2606687 | 2015-Aug-11 | 2,606,687 | 2026-Jan-05 | |
| CA | 2006-May-08 | 2642028 | | | 2013-Dec-10 | 2,642,028 | 2026-May-08 | |
| CA | 2006-May-19 | 2616007 | 2006-Nov-23 | CA 2616007 | 2018-Feb-27 | 2616007 | 2026-May-19 | |
| CA | 2006-May-23 | 2609531 | | | 2014-Sep-02 | 2609531 | 2026-May-23 | |
| CA | 2007-Jan-03 | 2640567 | | | 2015-May-21 | 2640567 | 2027-Jan-03 | |
| CA | 2007-Mar-08 | 2643105 | | | 2014-Apr-29 | 2643105 | 2027-Mar-08 | |
| CA | 2007-Dec-11 | 2708978 | | | 2016-Mar-15 | 2708978 | 2027-Dec-11 | |
| CA | 2007-Dec-11 | 2,708,980 | | | 2015-May-05 | 2,708,980 | 2027-Dec-11 | |
| CA | 2009-May-20 | 2726151 | | | 2016-Nov-22 | 2,726,151 | 2029-May-20 | |
| CA | 2009-Jun-12 | 2727258 | | | 2017-Jan-10 | 2727258 | 2029-Jun-12 | |
| CA | 2010-Jan-26 | 2691018 | | | 2017-Jun-06 | 2691018 | 2030-Jan-26 | |
| CA | 2010-Jan-26 | 2691012 | | | 2017-Jun-06 | 2691012 | 2030-Jan-26 | |
| CA | 2010-Jan-26 | 2691145 | | | 2016-Nov-08 | 2691145 | 2030-Jan-26 | |
| CA | 2010-Mar-15 | 2756241 | | | | | 2030-Mar-15 | |
| CA | 2010-Apr-01 | 2962217 | | | 2019-Mar-12 | 2962217 | 2030-Apr-01 | |
| CA | 2010-Apr-01 | 2759460 | | | 2017-Aug-29 | 2759460 | 2030-Apr-01 | |
| CA | 2010-Apr-23 | 2760767 | | | 2018-Jan-30 | 2760767 | 2030-Apr-23 | |
| CA | 2010-May-26 | 2763248 | | | 2018-Mar-13 | 2763248 | 2030-May-26 | |
| CA | 2010-Jun-09 | 2765596 | 2017-Mar-28 | CA 2765596 | 2017-Mar-28 | 2765596 | 2030-Jun-09 | |
| CA | 2010-Jun-11 | 2765816 | | | 2018-Feb-13 | 2765816 | 2030-Jun-11 | |
| CA | 2010-Jun-14 | 2765826 | | | 2018-Nov-20 | 2765826 | 2030-Jun-14 | |
| CA | 2010-Jul-07 | 2767985 | 2011-Jan-20 | CA 2767985 | 2016-Dec-06 | 2767985 | | |
| CA | 2010-Aug-18 | 2771848 | | | 2018-Jan-09 | 2771848 | 2030-Aug-18 | |
| CA | 2010-Sep-01 | 2772759 | 2011-Mar-10 | CA 2772759 | 2017-Feb-28 | 2772759 | 2030-Sep-01 | |
| CA | 2010-Sep-07 | 2774227 | | | 2018-Oct-23 | 2774227 | 2030-Sep-07 | |
| CA | 2010-Sep-09 | 2753174 | | | 2012-Nov-20 | 2753174 | 2030-Sep-09 | |
| CA | 2010-Sep-29 | 2776733 | | | 2018-May-29 | 2776733 | 2030-Sep-29 | |
| CA | 2010-Oct-26 | CA2718819 | 2011-Apr-26 | CA2718819A1 | 2019-Feb-26 | 2718819 | 2030-Oct-26 | |
| CA | 2010-Nov-22 | 2784096 | | | 2018-Jan-09 | 2784096 | 2030-Nov-22 | |
| CH | 1998-Aug-26 | 01130297.3 | 2002-Apr-10 | EP 1195740 | 2017-Nov-22 | 1195740 | 2018-Aug-26 | |
| CH | 1999-Sep-03 | 03011110.8 | 2004-Feb-25 | EP 1391650 | 2014-Feb-26 | 1391650 | 2019-Sep-03 | |
| CH | 2000-Nov-20 | 05076817.5 | 2005-Dec-28 | EP 1610593 | 2015-Jul-08 | 1610593 | 2020-Nov-20 | |
| CH | 2000-Dec-01 | 01123199.0 | 2002-Jan-30 | EP 1176362 | 2004-Dec-01 | 1176362 | 2020-Dec-01 | |
| CH | 2001-Apr-24 | 03028671.0 | | | 2010-Apr-14 | 1422975 | 2021-Apr-24 | |
| CH | 2001-Apr-24 | 07075990.7 | 2008-Feb-13 | EP 1887836 | 2012-Mar-07 | 1887836 | 2021-Apr-24 | |
| CH | 2001-Oct-25 | 01997118.3 | | | 2009-Jun-17 | 1337784 | 2021-Oct-25 | |
| CH | 2002-Jun-21 | 02738518.6 | | | 2008-Dec-10 | 1405551 | 2022-Jun-21 | |
| CH | 2003-Aug-28 | 03791823.2 | | | 2010-Jan-13 | 1535495 | 2023-Aug-28 | |
| CH | 2005-Sep-19 | 14162998.0 | 2014-Oct-15 | EP 2789894 | 2018-Dec-12 | 2789894 | 2025-Sep-19 | |
| CH | 2005-Dec-02 | 05815525.0 | | | 2017-Oct-04 | 1842399 | 2025-Dec-02 | |
| CH | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| CH | 2006-May-08 | 06770064.1 | 2008-Oct-29 | EP 1984667 | 2017-Aug-23 | 1984667 | 2026-May-08 | |
| CH | 2006-May-24 | 06765708.0 | | | 2009-Mar-18 | 1889519 | 2026-May-24 | |
| CH | 2006-Oct-11 | 14166066.2 | 2014-Sep-17 | EP 2779146 | 2017-Jul-26 | 2779146 | 2026-Oct-11 | |
| CH | 2006-Oct-11 | 11173044.6 | 2011-Nov-30 | EP 2390866 | 2016-Sep-28 | 2390866 | 2026-Oct-11 | |
| CH | 2006-Dec-13 | 11155525.6 | 2011-May-25 | EP 2325670 | 2017-Oct-25 | 2325670 | 2026-Dec-13 | |
| CH | 2007-Mar-02 | 07713186.0 | 2008-Dec-03 | EP 1997352 | 2018-Oct-24 | 1997352 | 2027-Mar-02 | |
| CH | 2007-Nov-27 | 07862228.9 | 2009-Aug-19 | EP 2089656 | 2011-Mar-02 | 2089656 | 2027-Nov-27 | |

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|--------------|-------------|------------------|-------------|-------------------|
| CH | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | | |
| CH | 2008-Apr-23 | 08737957.4 | 2010-Jan-20 | EP 2145508 | 2018-Aug-15 | 2145508 | 2028-Apr-23 | |
| CH | 2008-May-01 | 14195242.4 | 2015-Apr-22 | EP 2863104 | | | | |
| CH | 2010-Jun-11 | 10730223.4 | 2012-Apr-25 | EP 2443387 | 2016-Mar-02 | 2443387 | 2030-Jun-11 | |
| CH | 2011-Feb-28 | 11713358.7 | 2013-Jan-09 | EP 2542826 | 2018-Oct-24 | 2542826 | 2031-Feb-28 | |
| CH | 2011-Nov-16 | 11794283.9 | | | 2019-Jan-09 | 2681969 | | |
| CH | 2013-Feb-22 | 13717316.7 | 2014-Dec-17 | EP 2823691 | 2019-Apr-10 | 2823691 | | |
| CH | 2013-Jul-12 | 13765494.3 | 2015-May-20 | EP 2873299 | 2019-Jan-09 | 2873299 | | |
| CH | 2014-Jun-04 | 14728546.4 | 2016-Apr-13 | EP 3005834 | 2018-Mar-21 | 3005834 | 2034-Jun-04 | |
| CN | 1997-Aug-08 | 97191154.1 | 1998-Nov-18 | CN 1199524 | 2003-Aug-27 | 97191154.1 | 2017-Aug-08 | |
| CN | 1997-Sep-08 | 97191438.9 | 1999-Jan-13 | CN 1205069 | 2003-Apr-16 | 97191438.9 | 2017-Sep-08 | |
| CN | 1998-Jan-22 | 98800051.2 | 1999-May-05 | CN 1216094 | 2003-Apr-30 | 98800051.2 | 2018-Jan-22 | |
| CN | 1998-Mar-23 | 98800760.6 | 1999-Sep-08 | CN 1228244 | 2004-Aug-04 | 98800760.6 | 2018-Mar-23 | |
| CN | 1998-Jul-16 | 98801403.3 | 2000-Jan-12 | CN 1241349 | 2005-Mar-09 | 98801403.3 | 2018-Jul-16 | |
| CN | 1998-Jul-16 | 98801402.5 | 2000-Jan-12 | CN 1241348 | 2004-Feb-18 | 98801402.5 | 2018-Jul-16 | |
| CN | 1998-Jul-27 | 98801404.1 | 2000-Jan-12 | CN 1241350 | 2004-Mar-24 | 98801404.1 | 2018-Jul-27 | |
| CN | 1999-Jun-17 | 99801067.7 | 2000-Nov-15 | CN 1273759 | 2006-Nov-29 | 99801067.7 | 2019-Jun-17 | |
| CN | 1999-Sep-08 | 99802434.1 | 2001-Mar-28 | CN 1289397 | 2003-Oct-15 | 99802434.1 | 2019-Sep-08 | |
| CN | 1999-Sep-13 | 99801548.2 | 2000-Dec-20 | CN 1277665 | 2003-Oct-29 | 99801548.2 | 2019-Sep-13 | |
| CN | 1999-Sep-17 | 99802435.X | 2001-Mar-28 | CN 1289454 | 2005-Nov-16 | 99802435.X | 2019-Sep-17 | |
| CN | 2000-Mar-10 | 00801002.1 | 2001-Aug-29 | CN 1310790 | 2005-Mar-09 | 00801002.1 | 2020-Mar-10 | |
| CN | 2000-Apr-06 | 00800634.2 | 2001-Jul-04 | CN 1302457 | 2004-Oct-13 | 00800634.2 | 2020-Apr-06 | |
| CN | 2000-Jun-22 | 00801180.X | 2001-Sep-26 | CN 1314981 | 2003-Dec-10 | 00801180.X | 2020-Jun-22 | |
| CN | 2000-Jul-03 | 00801240.7 | 2001-Oct-03 | CN 1316174 | 2007-May-30 | 00801240.7 | 2020-Jul-03 | |
| CN | 2000-Sep-15 | 00802081.7 | 2001-Nov-14 | CN 1322456 | 2006-Feb-08 | 00802081.7 | 2020-Sep-15 | |
| CN | 2000-Oct-10 | 00802488.X | 2002-Feb-13 | CN 1336092 | 2004-Dec-01 | 00802488.X | 2020-Oct-10 | |
| CN | 2000-Oct-12 | 00804516.X | 2002-Mar-27 | CN 1342388 | 2006-Mar-29 | 00804516.X | 2020-Oct-12 | |
| CN | 2000-Oct-12 | 00804517.8 | 2002-Mar-27 | CN 1342387 | 2005-Feb-09 | 00804517.8 | 2020-Oct-12 | |
| CN | 2000-Nov-17 | 00803336.6 | 2002-Jun-26 | CN 1355936 | 2005-Nov-16 | 00803336.6 | 2020-Nov-17 | |
| CN | 2000-Dec-14 | 00807271.X | 2002-May-22 | CN 1350683 | 2006-Apr-19 | 00807271.X | 2020-Dec-14 | |
| CN | 2000-Dec-18 | 00804656.5 | 2002-Apr-03 | CN 1343289 | 2006-Nov-22 | 00804656.5 | 2020-Dec-18 | |
| CN | 2001-Jan-08 | 01800162.9 | 2002-Aug-07 | CN 1363198 | 2005-May-11 | 01800162.9 | 2021-Jan-08 | |
| CN | 2001-Aug-19 | 01135741.X | 2002-Mar-13 | CN 1339664 | 2005-Jul-20 | 01135741.X | 2021-Aug-19 | |
| CN | 2001-Sep-05 | 01802758.X | 2003-Jan-22 | CN 1393118 | 2006-Aug-09 | 01802758.X | 2021-Sep-05 | |
| CN | 2001-Nov-09 | 01806195.8 | 2003-Aug-13 | CN 1436438 | 2007-May-30 | 01806195.8 | 2021-Nov-09 | |
| CN | 2001-Nov-26 | 01805486.2 | | | 2007-Aug-01 | 1330006 | 2021-Nov-26 | |
| CN | 2001-Dec-03 | 01807029.9 | 2003-May-21 | CN 1419797 | 2007-May-30 | 01807029.9 | 2021-Dec-03 | |
| CN | 2001-Dec-06 | 01805345.9 | 2003-Mar-19 | CN 1404564 | 2005-Jun-29 | 01805345.9 | 2021-Dec-06 | |
| CN | 2001-Dec-12 | 01805639.3 | 2003-Mar-26 | CN 1406450 | 2008-Jun-04 | 01805639.3 | 2021-Dec-12 | |
| CN | 2002-Jan-19 | 02106469.5 | 2002-Sep-25 | CN 1370950 | 2006-Apr-12 | 02106469.5 | 2022-Jan-19 | |
| CN | 2002-Mar-14 | 02800705.0 | 2003-Nov-26 | CN 1459216 | 2008-Feb-06 | 02800705.0 | 2022-Mar-14 | |
| CN | 2002-Mar-19 | 02800893.6 | 2003-Dec-03 | CN 1460393 | 2009-May-20 | 02800893.6 | 2022-Mar-19 | |
| CN | 2002-Jun-07 | 02811453.1 | 2004-Jul-21 | CN 1514919 | 2006-Feb-08 | 02811453.1 | 2022-Jun-07 | |
| CN | 2002-Jun-21 | 02813396.X | 2004-Aug-18 | CN 1522555 | 2008-Jun-04 | 02813396.X | 2022-Jun-21 | |
| CN | 2002-Jul-23 | 02802991.7 | 2005-Jul-06 | CN 1636280 | 2008-Apr-23 | 02802991.7 | 2022-Jul-23 | |
| CN | 2002-Aug-09 | 02815923.3 | 2004-Oct-27 | CN 1541503 | 2008-Nov-05 | 02815923.3 | 2022-Aug-09 | |
| CN | 2002-Sep-30 | 02819551.5 | 2005-Jan-12 | CN 1565147 | 2008-Jul-16 | 02819551.5 | 2022-Sep-30 | |
| CN | 2002-Nov-15 | 02824219.X | 2005-Mar-23 | CN 1600047 | 2008-Dec-24 | 02824219.X | 2022-Nov-15 | |
| CN | 2002-Dec-18 | 02825834.7 | 2005-Apr-13 | CN 1606766 | 2008-Nov-19 | 02825834.7 | 2022-Dec-18 | |
| CN | 2002-Dec-20 | 02826433.9 | 2006-Apr-05 | CN 1757267 | 2010-Jan-27 | 02826433.9 | 2022-Dec-20 | |
| CN | 2003-Feb-06 | 03803878.1 | 2005-Jun-29 | CN 1633827 | 2009-Apr-08 | 03803878.1 | 2023-Feb-06 | |
| CN | 2003-Jun-12 | 200910165991.8 | 2010-Jul-14 | CN 101776220 | 2012-Apr-11 | ZL200910165991.8 | 2023-Jun-12 | |
| CN | 2003-Jun-12 | 03814939.7 | 2005-Aug-31 | CN 1666323 | 2010-Jun-23 | 03814939.7 | 2023-Jun-12 | |
| CN | 2003-Nov-11 | 200380104180.8 | 2006-Jan-04 | CN 1717958 | 2008-Dec-03 | 200380104180.8 | 2023-Nov-11 | |
| CN | 2003-Dec-11 | 200380106654.2 | 2006-Feb-01 | CN 1729722 | 2010-Jun-09 | 200380106654.2 | 2023-Dec-11 | |
| CN | 2003-Dec-11 | 200380106660.8 | 2006-Mar-08 | CN 1745603 | 2009-Nov-04 | 200380106660.8 | 2023-Dec-11 | |
| CN | 2003-Dec-18 | 200380107539.7 | 2006-Feb-08 | CN 1732717 | 2009-May-27 | 200380107539.7 | 2023-Dec-18 | |
| CN | 2004-Apr-21 | 201210470710.1 | 2013-Apr-03 | CN 103017017 | | | 2024-Apr-21 | |
| CN | 2004-Apr-22 | 200480012309.7 | 2006-Jun-07 | CN 1784932 | 2011-Sep-28 | 200480012309.7 | 2024-Apr-22 | |
| CN | 2004-Apr-22 | 200480012275.1 | 2006-Jun-07 | CN 1784931 | 2014-Jun-18 | 200480012275.1 | 2024-Apr-22 | |
| CN | 2004-Apr-30 | 200480012040.2 | 2006-Jun-07 | CN 1784930 | 2009-Aug-19 | 200480012040.2 | 2024-Apr-30 | |
| CN | 2004-Jul-21 | 200480027554.5 | 2006-Nov-01 | CN 1857034 | 2009-Sep-23 | 200480027554.5 | 2024-Jul-21 | |
| CN | 2004-Sep-01 | 200480025386.6 | 2006-Oct-11 | CN 1846459 | 2009-Sep-09 | 200480025386.6 | 2024-Sep-01 | |
| CN | 2004-Sep-07 | 200480025822.X | 2006-Oct-18 | CN 1849707 | 2008-Sep-03 | 200480025822.X | 2024-Sep-07 | |
| CN | 2004-Sep-21 | 200480027802.6 | 2006-Nov-01 | CN 1856815 | 2009-Apr-29 | 200480027802.6 | 2024-Sep-21 | |
| CN | 2004-Nov-05 | 200480033302.3 | 2006-Dec-13 | CN 1879453 | 2010-Jun-23 | 200480033302.3 | 2024-Nov-05 | |
| CN | 2005-Mar-23 | 200580011303.2 | 2007-Apr-04 | CN 1942701 | 2010-May-05 | 200580011303.2 | 2025-Mar-23 | |
| CN | 2005-Apr-27 | 200580014515.6 | 2007-Apr-18 | CN 1951157 | 2011-Feb-02 | 200580014515.6 | 2025-Apr-27 | |

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|---------------|-------------|------------------|-------------|-------------------|
| CN | 2005-May-02 | 200580014299.5 | 2007-Apr-18 | CN 1950791 | 2009-Sep-09 | 200580014299.5 | 2025-May-02 | |
| CN | 2005-Jun-03 | 200580018028.7 | 2007-May-09 | CN 1961614 | 2009-Oct-14 | 200580018028.7 | 2025-Jun-03 | |
| CN | 2005-Jun-23 | 200580028760.2 | 2007-Aug-01 | CN 101010649 | 2013-Oct-30 | 200580028760.2 | 2025-Jun-23 | |
| CN | 2005-Jul-14 | 200580024425.5 | 2007-Jun-27 | CN 1989792 | 2013-Sep-11 | 200580024425.5 | 2025-Jul-14 | |
| CN | 2005-Aug-02 | 200580026656.X | 2007-Jul-04 | CN 1993826 | 2010-Jun-23 | 200580026656.X | 2025-Aug-02 | |
| CN | 2005-Aug-02 | 200580026646.6 | 2007-Jul-04 | CN 1993581 | 2009-Jul-08 | 200580026646.6 | 2025-Aug-02 | |
| CN | 2005-Aug-02 | 200580026660.6 | 2007-Jul-04 | CN 1993840 | 2009-Aug-19 | 200580026660.6 | 2025-Aug-02 | |
| CN | 2005-Aug-18 | 200580032526.7 | 2007-Aug-29 | CN 101027794 | 2009-Dec-02 | 200580032526.7 | 2025-Aug-18 | |
| CN | 2005-Sep-12 | 200580031647.X | 2007-Aug-22 | CN 101023296 | 2010-Jan-27 | 200580031647.X | 2025-Sep-12 | |
| CN | 2005-Sep-19 | 200580033142.7 | 2008-Jan-16 | CN 101107474 | 2009-Jul-29 | 200580033142.7 | 2025-Sep-19 | |
| CN | 2005-Sep-20 | 200580033788.5 | 2007-Sep-12 | CN 101036106 | 2010-Jun-02 | 200580033788.5 | 2025-Sep-20 | |
| CN | 2005-Oct-12 | 200580040566.6 | 2008-Feb-20 | CN 101128979 | 2011-Oct-19 | 200580040566.6 | 2025-Oct-12 | |
| CN | 2005-Oct-17 | 200580036314.6 | 2007-Oct-03 | CN 101049047 | 2009-Aug-19 | 200580036314.6 | 2025-Oct-17 | |
| CN | 2005-Oct-26 | 200580037105.3 | 2007-Oct-03 | CN 101049048 | 2009-Oct-14 | 200580037105.3 | 2025-Oct-26 | |
| CN | 2005-Nov-09 | 200580039474.6 | 2007-Oct-31 | CN 101065850 | 2009-Jan-07 | 200580039474.6 | 2025-Nov-09 | |
| CN | 2005-Nov-24 | 200580040875.3 | 2007-Oct-31 | CN 101065997 | 2013-Jan-30 | 200580040875.3 | 2025-Nov-24 | |
| CN | 2005-Nov-28 | 200580041872.1 | 2007-Nov-14 | CN 101073155 | 2010-Sep-29 | 200580041872.1 | 2025-Nov-28 | |
| CN | 2005-Dec-02 | 200580043765.2 | 2008-Jan-16 | CN 101107885 | 2011-Oct-12 | 200580043765.2 | 2025-Dec-02 | |
| CN | 2006-Apr-03 | 200680019064.X | 2008-Jul-23 | CN 101228393 | 2010-Nov-10 | 200680019064.X | 2026-Apr-03 | |
| CN | 2006-Apr-19 | 200680014386.5 | 2008-Apr-23 | CN 101167408 | 2009-Sep-23 | 200680014386.5 | 2026-Apr-19 | |
| CN | 2006-May-10 | 200680017903.4 | 2008-May-14 | CN 101180563 | 2009-Oct-28 | 200680017903.4 | 2026-May-10 | |
| CN | 2006-May-11 | 200680018430.X | 2008-May-21 | CN 101185375 | 2010-Jun-16 | 200680018430.X | 2026-May-11 | |
| CN | 2006-May-24 | 200680017970.6 | 2008-May-14 | CN 101180921 | 2009-Oct-14 | 200680017970.6 | 2026-May-24 | |
| CN | 2006-Jul-05 | 200680025524.X | 2008-Jul-16 | CN 1012223823 | 2010-May-19 | 200680025524.X | 2026-Jul-05 | |
| CN | 2006-Sep-15 | 200680036031.6 | 2008-Oct-01 | CN 101278397 | 2009-Dec-02 | 200680036031.6 | 2026-Sep-15 | |
| CN | 2006-Sep-25 | 200680035831.6 | 2009-Oct-07 | CN 101554087 | 2013-Oct-23 | 200680035831.6 | 2026-Sep-25 | |
| CN | 2006-Oct-02 | 200680036937.8 | 2008-Oct-01 | CN 101278469 | 2012-Nov-14 | 200680036937.8 | 2026-Oct-02 | |
| CN | 2006-Oct-11 | 200680037992.9 | 2008-Nov-05 | CN 101300616 | 2010-May-19 | 200680037992.9 | 2026-Oct-11 | |
| CN | 2006-Nov-07 | 200680041863.7 | 2008-Nov-12 | CN 101305242 | 2013-Apr-03 | 200680041863.7 | 2026-Nov-07 | |
| CN | 2006-Nov-13 | 200680042799.4 | 2008-Nov-19 | CN 101310142 | 2013-Jan-02 | 200680042799.4 | 2026-Nov-13 | |
| CN | 2006-Nov-20 | 200680043725.2 | 2008-Nov-26 | CN 101313171 | 2010-May-19 | 200680043725.2 | 2026-Nov-20 | |
| CN | 2006-Dec-06 | 200680046928.7 | 2008-Dec-24 | CN 101331802 | 2016-Oct-12 | 200680046928.7 | 2026-Dec-06 | |
| CN | 2006-Dec-11 | 200680046620.2 | 2008-Dec-17 | CN 101326399 | 2011-Apr-20 | 200680046620.2 | 2026-Dec-11 | |
| CN | 2006-Dec-12 | 200680046872.5 | 2008-Dec-24 | CN 101331796 | 2012-Apr-11 | 200680046872.5 | 2026-Dec-12 | |
| CN | 2006-Dec-13 | 200680048780.0 | 2009-Jan-14 | CN 101346639 | 2012-Jun-20 | 200680048780.0 | 2026-Dec-13 | |
| CN | 2007-Jan-26 | 200780004173.9 | 2009-Mar-04 | CN 101379879 | 2011-Aug-17 | 200780004173.9 | 2027-Jan-26 | |
| CN | 2007-Mar-02 | 200780008173.6 | 2009-Mar-25 | CN 101395791 | 2012-Jul-04 | 200780008173.6 | 2027-Mar-02 | |
| CN | 2007-Mar-08 | 200780009376.7 | 2009-Apr-08 | CN 101405538 | 2010-Oct-06 | 200780009376.7 | 2027-Mar-08 | |
| CN | 2007-Apr-20 | 200780016059.8 | 2009-May-20 | CN 101438625 | 2011-Sep-07 | 200780016059.8 | 2027-Apr-20 | |
| CN | 2007-May-02 | 200780017134.2 | 2009-May-27 | CN 101444144 | 2013-Nov-06 | 200780017134.2 | 2027-May-02 | |
| CN | 2007-May-31 | 201510936629.1 | 2016-Feb-10 | CN 105323942 | | | | |
| CN | 2007-Jun-19 | 200780024585.9 | 2009-Jul-08 | CN 101479995 | 2012-Aug-08 | 200780024585.9 | 2027-Jun-19 | |
| CN | 2007-Jun-20 | 200780024786.9 | 2009-Jul-15 | CN 101485235 | 2012-Dec-26 | 200780024786.9 | 2027-Jun-20 | |
| CN | 2007-Jul-05 | 200780029567.X | 2009-Aug-05 | CN 101501392 | 2011-Nov-30 | 200780029567.X | 2027-Jul-05 | |
| CN | 2007-Aug-09 | 200780049308.3 | 2010-Feb-17 | CN 101653041 | 2013-Oct-23 | 200780049308.3 | 2027-Aug-09 | |
| CN | 2007-Aug-17 | 200780030549.3 | 2009-Aug-12 | CN 101506574 | 2012-Dec-05 | 200780030549.3 | 2027-Aug-17 | |
| CN | 2007-Aug-22 | 200780031358.9 | 2009-Aug-12 | CN 101507363 | 2012-Dec-26 | 200780031358.9 | 2027-Aug-22 | |
| CN | 2007-Sep-18 | 200780036117.3 | 2009-Nov-11 | CN 101578704 | 2012-Jul-18 | 200780036117.3 | 2027-Sep-18 | |
| CN | 2007-Sep-20 | 200780037394.6 | 2009-Sep-02 | CN 101523982 | 2012-Mar-14 | 200780037394.6 | 2027-Sep-20 | |
| CN | 2007-Sep-20 | 201610287271.9 | 2016-Sep-07 | CN 105934050 | | | | |
| CN | 2007-Oct-11 | 200780038644.8 | 2009-Sep-09 | CN 101529290 | 2012-Jul-18 | 200780038644.8 | 2027-Oct-11 | |
| CN | 2007-Oct-12 | 200780038530.3 | 2009-Sep-09 | CN 101529157 | 2011-Apr-06 | 200780038530.3 | 2027-Oct-12 | |
| CN | 2007-Oct-19 | 200780038990.6 | 2009-Nov-25 | CN 101589650 | 2017-Apr-12 | 200780038990.6 | 2027-Oct-19 | |
| CN | 2007-Oct-31 | 200780040671.9 | 2009-Sep-16 | CN 101536606 | 2012-Aug-08 | 200780040671.9 | 2027-Oct-31 | |
| CN | 2007-Nov-06 | 200780041864.6 | 2009-Sep-16 | CN 101536607 | 2012-Sep-19 | ZL200780041864.6 | 2027-Nov-06 | |
| CN | 2007-Nov-08 | 200780042537.2 | 2009-Sep-16 | CN 101536610 | 2013-May-01 | 200780042537.2 | 2027-Nov-08 | |
| CN | 2007-Nov-09 | 200780041888.1 | 2009-Dec-30 | CN 101617565 | 2011-Nov-02 | 200780041888.1 | 2027-Nov-09 | |
| CN | 2007-Nov-27 | 201610042099.0 | 2016-Jun-15 | CN 105680939 | | | | |
| CN | 2007-Nov-27 | 200780043933.7 | 2010-Jan-13 | CN 101627253 | 2011-May-18 | 200780043933.7 | 2027-Nov-27 | |
| CN | 2007-Dec-07 | 200780045408.9 | 2009-Oct-07 | CN 101554094 | 2013-Dec-04 | 200780045408.9 | 2027-Dec-07 | |
| CN | 2007-Dec-11 | 200780045801.8 | 2009-Oct-14 | CN 101558686 | 2013-Oct-09 | 200780045801.8 | 2027-Dec-11 | |
| CN | 2007-Dec-17 | 200780047557.9 | | | 2012-Nov-07 | 200780047557.9 | 2027-Dec-17 | |
| CN | 2008-Mar-12 | 201310120809.3 | | | 2015-Sep-02 | 201310120809.3 | 2029-Sep-14 | |
| CN | 2008-Mar-12 | 200880008301.1 | | | 2016-Sep-28 | 200880008301.1 | 2029-Sep-14 | |
| CN | 2008-Mar-12 | 200880008121.3 | | | 2013-Apr-10 | 200880008121.3 | 2028-Mar-12 | |
| CN | 2008-Mar-12 | 201610671816.6 | 2017-Jan-04 | CN 106304474 | 2018-Oct-30 | 201610671816.6 | | |
| CN | 2008-Mar-19 | 201510150446.7 | 2015-Jul-15 | CN 104776409 | 2018-Nov-23 | 201510150446.7 | | |
| CN | 2008-Mar-31 | 200880011084.1 | 2010-Mar-03 | CN 101663919 | 2013-Jul-24 | 200880011084.1 | 2028-Mar-31 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement
List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|----------------|-------------|------------------|-------------|-------------------|
| CN | 2008-Apr-04 | 201410014897.3 | 2014-May-28 | CN 103822172 | 2017-Jul-28 | 201410014897.3 | 2028-Apr-04 | |
| CN | 2008-Apr-04 | 200880011268.8 | 2010-Feb-24 | CN 101657678 | 2014-Feb-26 | 200880011268.8 | 2028-Apr-04 | |
| CN | 2008-Apr-11 | 200880012508.6 | 2010-Mar-03 | CN 101663769 | 2013-Feb-06 | 200880012508.6 | 2028-Apr-11 | |
| CN | 2008-Apr-21 | 200880013685.6 | 2010-Mar-10 | CN 101669404 | 2012-Mar-28 | ZL200880013685.6 | 2028-Apr-21 | |
| CN | 2008-Apr-23 | 200880013851.2 | 2010-Mar-10 | CN 101669405 | 2012-Jun-13 | 200880013851.2 | 2028-Apr-23 | |
| CN | 2008-Apr-28 | 200880014646.8 | 2010-Mar-17 | CN 101675712 | 2015-Nov-25 | 200880014646.8 | 2028-Apr-28 | |
| CN | 2008-May-01 | 201510394253.6 | 2016-Mar-23 | 105423169-A | 2018-Feb-23 | 201510394253.6 | 2028-May-01 | |
| CN | 2008-May-02 | 200880014787.X | 2010-Mar-17 | CN 101675290 | 2012-Dec-26 | 200880014787.X | 2028-May-02 | |
| CN | 2008-May-02 | 200880021634.8 | 2010-Mar-31 | CN 101688652 | 2012-May-30 | 200880021634.8 | 2028-May-02 | |
| CN | 2008-May-05 | 201510959630.6 | 2016-May-04 | CN 105546364 | | | | |
| CN | 2008-May-26 | 200880018327.4 | 2010-Mar-24 | CN 101681059 | 2014-Mar-05 | 200880018327.4 | 2028-May-26 | |
| CN | 2008-May-30 | 200880019098.8 | 2010-Mar-24 | CN 101681598 | 2012-Nov-14 | 200880019098.8 | 2028-May-30 | |
| CN | 2008-Jun-23 | 200880022375.0 | 2010-Mar-31 | CN 101690396 | 2012-Dec-26 | 200880022375.0 | 2028-Jun-23 | |
| CN | 2008-Jun-30 | 200880023350.2 | 2010-Mar-31 | CN 101690397 | 2012-Jul-18 | 200880023350.2 | 2028-Jun-30 | |
| CN | 2008-Jul-21 | 200880100067.5 | 2010-Jun-23 | CN 101755483 | 2012-May-30 | 200880100067.5 | 2028-Jul-21 | |
| CN | 2008-Aug-14 | 200880103749.1 | 2010-Jul-21 | CN 101785362 | 2013-Mar-27 | 200880103749.1 | 2028-Aug-14 | |
| CN | 2008-Sep-16 | 200880108802.7 | 2010-Aug-18 | CN 101809366 | 2013-Jan-02 | 200880108802.7 | 2028-Sep-16 | |
| CN | 2008-Sep-25 | 200810149743.X | 2010-Mar-31 | CN 101686587 A | 2015-Jan-28 | 200810149743.X | 2028-Sep-25 | |
| CN | 2008-Oct-08 | 200880110804.X | 2011-Aug-10 | CN 102149960 | 2014-May-07 | 200880110804.X | 2028-Oct-08 | |
| CN | 2008-Nov-24 | 200880118159.6 | 2010-Nov-03 | CN 101878673 | 2014-Feb-12 | 200880118159.6 | 2028-Nov-24 | |
| CN | 2008-Dec-02 | 200880119151.1 | 2010-Nov-17 | CN 101889476 | 2012-Jul-18 | 200880119151.1 | 2028-Dec-02 | |
| CN | 2008-Dec-22 | 200880122363.5 | 2010-Dec-08 | CN 101910721 | 2013-Sep-25 | 200880122363.5 | 2028-Dec-22 | |
| CN | 2008-Dec-29 | 200880127692.9 | 2011-Jan-26 | CN 101960921 | 2014-Jan-08 | 200880127692.9 | 2028-Dec-29 | |
| CN | 2009-Apr-03 | 200980121068.2 | 2011-May-11 | CN 102057752 | 2016-Jun-08 | 200980121068.2 | 2029-Apr-03 | |
| CN | 2009-May-20 | 200980120114.7 | 2011-May-04 | CN 102047156 | 2014-Mar-26 | 200980120114.7 | 2029-May-20 | |
| CN | 2009-Jun-12 | 201610862598.4 | 2017-Aug-04 | CN 107013826 | | | | |
| CN | 2009-Jul-10 | 200980126642.3 | 2011-Jun-08 | CN 102089578 | 2016-May-11 | 200980126642.3 | 2029-Jul-10 | |
| CN | 2009-Jul-22 | 200980129904.1 | 2011-Jun-29 | CN 102113411 | 2015-May-20 | 200980129904.1 | 2029-Jul-22 | |
| CN | 2009-Jul-22 | 200980129902.2 | 2011-Jun-29 | CN 102113410 | 2013-Nov-06 | 200980129902.2 | 2029-Jul-22 | |
| CN | 2009-Sep-04 | 200980135588.9 | 2011-Aug-10 | CN 102149966 | 2014-Mar-12 | 200980135588.9 | 2029-Sep-04 | |
| CN | 2009-Oct-02 | 200980140113.9 | 2011-Sep-07 | CN 102177767 | 2015-Apr-29 | 200980140113.9 | 2029-Oct-02 | |
| CN | 2009-Nov-03 | 200980144311.2 | 2011-Oct-12 | CN 102203505 | 2015-Jan-14 | 200980144311.2 | 2029-Nov-03 | |
| CN | 2009-Nov-12 | 201410110815.5 | 2014-Jul-23 | CN 103939768 | 2016-Nov-23 | 201410110815.5 | 2029-Nov-12 | |
| CN | 2009-Nov-12 | 200980145939.4 | 2011-Oct-12 | CN 102216669 | 2015-Mar-18 | 200980145939.4 | 2029-Nov-12 | |
| CN | 2009-Nov-27 | 200980149425.6 | 2011-Nov-16 | CN 102246600 | 2015-Jan-14 | 200980149425.6 | 2029-Nov-27 | |
| CN | 2009-Nov-30 | 200980154251.2 | 2011-Dec-14 | 102272514 A | 2014-Aug-13 | 200980154251.2 | 2029-Nov-30 | |
| CN | 2010-Jan-04 | 201080004272.9 | 2011-Dec-07 | CN 102272515 | 2015-Jan-14 | 201080004272.9 | 2030-Jan-04 | |
| CN | 2010-Jan-05 | 201710003292.8 | 2017-Aug-22 | CN 107085289 | | | | |
| CN | 2010-Mar-15 | 201080013707.6 | 2012-Feb-22 | 102362554-A | 2014-Nov-12 | 201080013707.6 | 2030-Mar-15 | |
| CN | 2010-Mar-30 | 201080015196.1 | 2012-Mar-14 | CN 102378928 | 2014-Aug-13 | 201080015196.1 | 2030-Mar-30 | |
| CN | 2010-Apr-01 | 201020150788.1 | | | 2011-Apr-06 | 201020150788.1 | 2020-Apr-01 | |
| CN | 2010-Apr-01 | 201080017771.1 | 2012-Apr-11 | CN 102415077 | 2014-Sep-24 | 201080017771.1 | 2030-Apr-01 | |
| CN | 2010-Apr-01 | 201410094443.1 | 2014-May-21 | CN 103812951 | 2018-Feb-06 | 201410094443.1 | 2030-Apr-01 | |
| CN | 2010-Apr-23 | 201610075301.X | 2016-Mar-30 | CN 105444014 | | | | |
| CN | 2010-May-05 | 201080022133.9 | 2012-May-02 | CN 102440070 | 2015-Aug-19 | 201080022133.9 | 2030-May-05 | |
| CN | 2010-May-21 | 201080023276.1 | 2012-May-09 | CN 102449372 | 2016-Aug-10 | 201080023276.1 | 2030-May-21 | |
| CN | 2010-May-26 | 201080023299.2 | 2012-May-09 | CN 102449374 | 2016-May-11 | 201080023299.2 | 2030-May-26 | |
| CN | 2010-Jun-04 | 201080034802.4 | 2012-Nov-28 | CN 102804493 | 2015-Apr-29 | 201080034802.4 | 2030-Jun-04 | |
| CN | 2010-Jun-09 | 201080027146.5 | 2012-May-16 | CN 102460560 | 2015-Apr-01 | CN201080027146.5 | 2030-Jun-09 | |
| CN | 2010-Jun-11 | 201080027126.8 | 2012-Nov-28 | CN 102803845 | | | 2030-Jun-11 | |
| CN | 2010-Jun-14 | 201080027156.9 | 2012-May-16 | CN 102459991 | 2014-Jan-15 | 201080027156.9 | 2030-Jun-14 | |
| CN | 2010-Jun-15 | 201080027072.5 | 2012-Nov-28 | CN 102804917 | 2015-Aug-26 | 201080027072.5 | 2030-Jun-15 | |
| CN | 2010-Jun-22 | 201080028445.0 | 2012-Nov-28 | CN 102804919 | 2016-Jan-20 | 201080028445.0 | 2030-Jun-22 | |
| CN | 2010-Jun-30 | 201020245264.0 | | | 2011-Mar-30 | 201020245264.0 | 2020-Jun-30 | |
| CN | 2010-Jul-07 | 201080032098.9 | 2012-May-23 | CN 102473379 | 2016-Sep-21 | 201080032098.9 | | |
| CN | 2010-Jul-07 | 201610756097.8 | 2017-Feb-01 | CN 106376125 | | | | |
| CN | 2010-Jul-14 | 201080033508.1 | 2012-May-30 | CN 102484914 | 2015-Apr-22 | 201080033508.1 | 2030-Jul-14 | |
| CN | 2010-Jul-19 | 201080033334.9 | 2012-May-23 | CN 102474951 | 2015-Jan-14 | 201080033334.9 | 2030-Jul-19 | |
| CN | 2010-Jul-27 | 201080033501.X | 2012-May-23 | CN 102474933 | 2015-Sep-30 | 201080033501.X | 2030-Jul-27 | |
| CN | 2010-Aug-18 | 201080038002.X | 2012-May-30 | CN 102484916 | 2014-Dec-31 | 201080038002.X | 2030-Aug-18 | |
| CN | 2010-Sep-01 | 201080039303.4 | 2012-May-30 | CN 102484919 | 2015-May-13 | 201080039303.4 | 2030-Sep-01 | |
| CN | 2010-Sep-07 | 201080041547.6 | 2012-Jul-18 | 102598855-A | 2015-Dec-09 | 201080041547.6 | 2030-Sep-07 | |
| CN | 2010-Sep-09 | 201080042488.4 | 2012-Jul-04 | CN 102550129 | 2015-Jan-14 | 201080042488.4 | 2030-Sep-09 | |
| CN | 2010-Sep-09 | 201611073606.3 | 2017-Apr-05 | 106555993-A | | | | |
| CN | 2010-Sep-13 | 201080041323.5 | 2012-Jul-04 | CN 102549333 | 2014-Dec-10 | 201080041323.5 | 2030-Sep-13 | |
| CN | 2010-Sep-29 | 201080045239.0 | 2012-Jul-11 | CN 102576797 | 2016-May-11 | 201080045239.0 | 2030-Sep-29 | |
| CN | 2010-Oct-07 | 201080055455.3 | 2012-Aug-22 | CN 102648664 | 2015-Apr-22 | 201080055455.3 | 2030-Oct-07 | |
| CN | 2010-Oct-26 | 201080047431.3 | 2012-Jul-11 | CN102577624 | 2015-Jan-07 | 201080047431.3 | 2030-Oct-26 | |

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|---------------|-------------|----------------|-------------|-------------------|
| CN | 2010-Oct-29 | 201080050243.6 | 2012-Jul-18 | CN 102598870 | 2015-Nov-25 | 201080050243.6 | 2030-Oct-29 | |
| CN | 2010-Nov-22 | 201080056793.9 | 2012-Aug-15 | CN 102639925_ | 2016-Aug-03 | 201080056793.9 | 2030-Nov-22 | |
| CN | 2010-Dec-10 | 201080057061.1 | 2012-Sep-19 | CN 102687590 | 2015-Dec-02 | 201080057061.1 | 2030-Dec-10 | |
| CN | 2011-Feb-28 | 201710071807.8 | 2017-Jun-13 | CN 106838657 | | | | |
| CN | 2011-Mar-11 | 201180015737.5 | 2012-Dec-05 | CN 102812781 | 2016-May-11 | 201180015737.5 | 2031-Mar-11 | |
| CN | 2011-Apr-01 | 201180018239.6 | 2012-Dec-05 | CN 102812290 | 2016-Aug-03 | 201180018239.6 | 2031-Apr-01 | |
| CN | 2011-Apr-27 | 201180023482.7 | 2013-Jan-30 | CN 102906495 | 2016-Aug-24 | 201180023482.7 | 2031-Apr-27 | |
| CN | 2011-Jun-16 | 201180030113.0 | 2013-Feb-27 | CN 102948258 | 2016-Aug-03 | 201180030113.0 | 2031-Jun-16 | |
| CN | 2011-Jun-24 | 201180035521.5 | 2013-Mar-27 | CN 103004036 | 2015-Dec-16 | 201180035521.5 | 2031-Jun-24 | |
| CN | 2011-Jun-30 | 201180033108.5 | 2013-Mar-20 | CN 102985749 | 2015-Dec-16 | 201180033108.5 | 2031-Jun-30 | |
| CN | 2011-Aug-05 | 201180042395.6 | 2013-Apr-24 | CN 103069746 | 2016-Aug-31 | 201180042395.6 | 2031-Aug-05 | |
| CN | 2011-Aug-11 | 201180039708.2 | 2013-May-15 | CN 103109127 | 2016-Apr-20 | 201180039708.2 | 2031-Aug-11 | |
| CN | 2011-Oct-27 | 201120415687.7 | | | 2012-Aug-08 | 201120415687.7 | 2021-Oct-27 | |
| CN | 2011-Nov-15 | 201180056689.4 | 2013-Jul-24 | CN 103222339 | 2016-Mar-16 | 201180056689.4 | 2031-Nov-15 | |
| CN | 2011-Nov-16 | 201180055250.X | | | 2016-Apr-06 | 201180055250.X | 2031-Nov-16 | |
| CN | 2012-Jan-11 | 201280005383.0 | 2013-Sep-18 | CN 103314257 | 2017-Apr-26 | 201280005383.0 | 2032-Jan-11 | |
| CN | 2012-Mar-16 | 201280016138.X | 2013-Dec-25 | CN 103477148 | 2016-Aug-17 | 201280016138.X | 2032-Mar-16 | |
| CN | 2012-Mar-22 | 201280016491.8 | 2013-Dec-18 | CN 103459921 | 2016-Nov-02 | 201280016491.8 | 2032-Mar-22 | |
| CN | 2012-Mar-27 | 201280016137.5 | 2013-Dec-25 | CN 103477710 | 2016-Dec-28 | 201280016137.5 | 2032-Mar-27 | |
| CN | 2012-May-14 | 201280023861.0 | 2014-Jan-22 | CN 103535114 | 2016-Nov-16 | 201280023861.0 | 2032-May-14 | |
| CN | 2012-Aug-02 | 201280039943.4 | 2014-Apr-23 | CN 103748961 | 2017-Sep-22 | 201280039943.4 | 2032-Aug-02 | |
| CN | 2012-Oct-05 | 201280049139.4 | 2014-Jun-04 | CN 103843287 | 2017-Oct-03 | 201280049139.4 | 2032-Oct-05 | |
| CN | 2012-Oct-12 | 201280050607.X | 2014-Jul-09 | CN 103918349 | 2016-Dec-28 | 201280050607.X | 2032-Oct-12 | |
| CN | 2012-Oct-17 | 201280051600.X | 2014-Jun-25 | CN 103891405 | 2016-Aug-24 | 201280051600.X | 2032-Oct-17 | |
| CN | 2012-Oct-19 | 201280056361.7 | 2014-Jul-23 | CN 103947290 | 2017-Apr-12 | 201280056361.7 | 2032-Oct-19 | |
| CN | 2012-Oct-29 | 201280053981.5 | 2014-Jul-02 | CN 103907398 | 2017-Feb-15 | 201280053981.5 | 2032-Oct-29 | |
| CN | 2012-Nov-09 | 201280052122.4 | | | 2017-Jun-30 | 201280052122.4 | 2034-Apr-23 | |
| CN | 2012-Dec-11 | 201280061477.X | 2014-Oct-15 | CN 104106018 | 2017-Sep-01 | 201280061477.X | 2032-Dec-11 | |
| CN | 2013-Jan-02 | 201380003666.6 | 2014-Nov-05 | CN 104137650 | 2017-Feb-22 | 201380003666.6 | 2033-Jan-02 | |
| CN | 2013-Jan-02 | 201380004861.0 | 2014-Sep-17 | CN 104041184 | 2017-Jun-23 | 201380004861.0 | 2033-Jan-02 | |
| CN | 2013-Jan-02 | 201380004266.7 | 2014-Aug-27 | CN 104012178 | 2017-Mar-15 | 201380004266.7 | 2033-Jan-02 | |
| CN | 2013-Jan-10 | 201710265967.6 | 2017-Aug-22 | CN 107084318 | | | | |
| CN | 2013-Jan-10 | 201380005278.1 | 2014-Sep-10 | CN 104040242 | 2018-Sep-25 | 201380005278.1 | 2033-Jan-10 | |
| CN | 2013-Jan-18 | 201380007633.9 | 2014-Oct-22 | CN 104115559 | 2017-May-10 | 201380007633.9 | 2033-Jan-18 | |
| CN | 2013-Jan-25 | 201380007881.3 | 2014-Oct-08 | CN 104094668 | 2016-May-04 | 201380007881.3 | 2033-Jan-25 | |
| CN | 2013-Jan-25 | 201380007634.3 | 2014-Oct-22 | CN 104115560 | 2017-Dec-26 | 201380007634.3 | 2033-Jan-25 | |
| CN | 2013-Feb-08 | 201380004446.5 | 2014-Sep-03 | CN 104025711 | 2016-Aug-24 | 201380004446.5 | 2033-Feb-08 | |
| CN | 2013-Feb-22 | 201380010771.2 | 2014-Nov-05 | CN 104137652 | 2017-Jun-30 | 201380010771.2 | 2033-Feb-22 | |
| CN | 2013-Feb-22 | 201380013185.3 | 2014-Nov-12 | CN 104145529 | 2016-Nov-16 | 201380013185.3 | 2033-Feb-22 | |
| CN | 2013-Mar-07 | 201380016846.8 | 2014-Dec-10 | CN 104206013 | 2017-Jul-04 | 201380016846.8 | 2033-Mar-07 | |
| CN | 2013-Mar-08 | 201380015522.2 | 2015-Jan-28 | CN 104322145 | 2017-Apr-26 | 201380015522.2 | 2033-Mar-08 | |
| CN | 2013-Mar-20 | 201380017691.X | | | 2017-Jun-06 | 201380017691.X | 2033-Mar-20 | |
| CN | 2013-Apr-02 | 201380018262.4 | 2014-Dec-03 | CN 104186025 | 2017-Dec-08 | 201380018262.4 | 2033-Apr-02 | |
| CN | 2013-Apr-16 | 201380020009.2 | 2015-Feb-04 | CN 104334957 | | | | |
| CN | 2013-Apr-25 | 201380023197.4 | 2015-Jan-07 | CN 104272869 | 2018-Jun-29 | 201380023197.4 | | |
| CN | 2013-Apr-26 | 201380024396.7 | 2015-Jan-07 | CN 104272873 | 2017-Sep-15 | 201380024396.7 | 2033-Apr-26 | |
| CN | 2013-May-22 | 201380029599.5 | 2015-Feb-18 | CN 104364874 | 2016-Dec-14 | 201380029599.5 | 2033-May-22 | |
| CN | 2013-Jun-17 | 201380025221.8 | 2015-Jan-21 | CN 104303406 | 2017-Apr-12 | 201380025221.8 | 2033-Jun-17 | |
| CN | 2013-Jul-10 | 201380036783.2 | 2015-Mar-25 | CN 104472026 | 2018-Jun-01 | 201380036783.2 | | |
| CN | 2013-Jul-12 | 201380038222.6 | 2015-Apr-29 | CN 104584689 | 2017-Sep-22 | 201380038222.6 | 2033-Jul-12 | |
| CN | 2013-Jul-24 | 201380039731.0 | | | 2017-Nov-03 | 201380039731.0 | 2035-Jan-26 | |
| CN | 2013-Sep-17 | 201380048298.7 | 2015-May-20 | CN 104641175 | 2018-Aug-10 | 201380048298.7 | | |
| CN | 2013-Sep-24 | 201380026814.6 | 2015-Jan-28 | CN 104322147 | 2017-Nov-21 | 201380026814.6 | 2033-Sep-24 | |
| CN | 2013-Oct-30 | 201390000865.7 | | | 2016-Jan-13 | 201390000865.7 | 2023-Oct-30 | |
| CN | 2013-Dec-02 | 201380065409.5 | 2015-Aug-26 | CN 104871642 | 2017-Jul-07 | 201380065409.5 | 2033-Dec-02 | |
| CN | 2014-Mar-05 | 201480012658.2 | 2015-Oct-28 | CN 105008792 | 2017-Sep-05 | 201480012658.2 | 2034-Mar-05 | |
| CN | 2014-Mar-12 | 201480014320.0 | 2015-Oct-28 | CN 105008796 | 2018-Jun-29 | 201480014320.0 | | |
| CN | 2014-Apr-02 | 201480019559.7 | 2015-Dec-16 | CN 105165120 | 2018-Mar-27 | 201480019559.7 | | |
| CN | 2014-Jun-04 | 201480031965.5 | 2016-Jan-20 | CN 105265018 | 2017-Nov-17 | 201480031965.5 | 2034-Jun-04 | |
| CN | 2014-Jun-04 | 201710959762.8 | 2018-Feb-27 | CN 107743321 | | | | |
| CN | 2014-Jul-09 | 201480043272.8 | 2016-Mar-23 | CN 105432145 | 2018-Jan-26 | 201480043272.8 | 2034-Jul-09 | |
| CN | 2014-Jul-23 | 201480043274.7 | 2016-Mar-23 | CN 105432146 | 2018-Jun-08 | 201480043274.7 | | |
| CN | 2014-Aug-27 | 201480038829.9 | 2016-Apr-06 | CN 105474748 | 2017-Jun-09 | 201480038829.9 | 2034-Aug-27 | |
| CN | 2014-Oct-14 | 201480056721.2 | 2016-Jun-01 | CN 105637979 | 2018-Nov-30 | 201480056721.2 | | |
| CN | 2014-Nov-12 | 201480064036.4 | 2016-Jul-13 | CN 105766060 | 2018-Apr-24 | 201480064036.4 | 2034-Nov-12 | |
| CN | 2014-Dec-23 | 201810119534.4 | 2018-Aug-03 | CN 108361571 | | | | |
| CN | 2015-Feb-03 | 201580002967.6 | 2016-Jul-20 | CN 105793641 | 2017-Jun-20 | 201580002967.6 | 2035-Feb-03 | |
| CN | 2015-Feb-23 | 201580003071.X | 2018-Feb-27 | CN 105830216 | 2018-Feb-27 | 201580003071.X | | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|----------------|-------------|--------------|-------------|-------------------|
| CN | 2015-Jun-19 | 201580036041.9 | 2017-Mar-01 | CN 106471869 | | | | |
| CN | 2015-Jun-24 | 201580036637.9 | 2017-Mar-01 | 106471710 | | | | |
| CN | 2015-Sep-25 | 201580054824.X | | | | | | |
| CN | 2015-Nov-03 | 201580059874.7 | 2017-Sep-08 | CN 107148804 | | | | |
| CN | 2016-Apr-04 | 201680020930.0 | 2017-Dec-05 | CN 107439055 | | | | |
| CN | 2016-Apr-20 | 201680023925.5 | 2018-Jan-23 | CN 107624267 | | | | |
| CN | 2016-Nov-22 | 201680068489.3 | 2018-Jul-17 | CN 108293287 | | | | |
| CZ | 2003-Aug-28 | 03791823.2 | | EP 1535495 | 2010-Jan-13 | 1535495 | 2023-Aug-28 | |
| CZ | 2005-Dec-02 | 05815525.0 | | | 2017-Oct-04 | 1842399 | 2025-Dec-02 | |
| CZ | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| CZ | 2006-May-08 | 06770064.1 | 2008-Oct-29 | EP 1984667 | 2017-Aug-23 | 1984667 | 2026-May-08 | |
| CZ | 2006-May-24 | 06765708.0 | | EP 1889519 | 2009-Mar-18 | 1889519 | 2026-May-24 | |
| CZ | 2007-Nov-27 | 07862228.9 | 2009-Aug-19 | EP 2089656 | 2011-Mar-02 | 2089656 | 2027-Nov-27 | |
| CZ | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | | |
| DE | 1997-Aug-08 | 97932965.3 | | | 2005-Nov-09 | 69734569.6 | 2017-Aug-08 | |
| DE | 1997-Sep-08 | 97936833.9 | 1998-Sep-16 | EP 0864064 | 2002-Dec-04 | 69717598.7 | 2017-Sep-08 | |
| DE | 1998-Jul-14 | 98935809.8 | | | 2013-Nov-20 | 698 43 149.9 | 2018-Jul-14 | |
| DE | 1998-Jul-16 | 98929597.7 | 1999-Jul-21 | EP 0929993 | 2004-Oct-06 | 69826825.3 | 2018-Jul-16 | |
| DE | 1998-Jul-27 | 98932457.9 | 1999-Jul-21 | EP 0929994 | 2003-Jul-02 | 69816023.1 | 2018-Jul-27 | |
| DE | 1998-Jul-28 | 98937339.4 | 2000-May-17 | EP 1000295 | 2014-Jul-23 | 698 43 276.2 | 2018-Jul-28 | |
| DE | 1998-Aug-26 | 98944539.0 | | | 2002-Aug-07 | 69807092.5 | 2018-Aug-26 | |
| DE | 1998-Aug-26 | 01130297.3 | 2002-Apr-10 | EP 1195740 | 2017-Nov-22 | 1195740 | 2018-Aug-26 | |
| DE | 1998-Dec-17 | 98964035.4 | 1999-Jun-24 | EP 1040398 | 2018-Feb-21 | 1040398 | 2018-Dec-17 | |
| DE | 1999-Jun-17 | 99922465.2 | 2000-Sep-13 | EP 1034690 | 2003-Oct-29 | 69912391.7 | 2019-Jun-17 | |
| DE | 1999-Sep-03 | 99943116.6 | | | 2003-Nov-05 | 69912623.1 | 2019-Sep-03 | |
| DE | 1999-Sep-03 | 03011110.8 | 2004-Feb-25 | EP 1391650 | 2014-Feb-26 | 699 45 014.4 | 2019-Sep-03 | |
| DE | 1999-Sep-08 | 99969780.8 | 2000-Nov-02 | EP 1047904 | 2013-Apr-24 | 699 44 726.7 | 2019-Sep-08 | |
| DE | 1999-Sep-17 | 99948820.8 | | | 2008-Jan-16 | 69937993.8 | 2019-Sep-17 | |
| DE | 1999-Sep-24 | 99948955.2 | | | 2007-Nov-14 | 69937544.4 | 2019-Sep-24 | |
| DE | 1999-Nov-24 | 99957760.4 | | | 2010-Oct-06 | 69942838.6 | 2019-Nov-24 | |
| DE | 1999-Dec-02 | 99962235.0 | 2000-Dec-06 | EP 1056993 | 2003-Mar-26 | 69906260.8 | 2019-Dec-02 | |
| DE | 1999-Dec-09 | 29921689.6 | 2001-May-23 | DE 29921689 U1 | 2001-Apr-19 | 29921689.6 | 2009-Dec-09 | |
| DE | 1999-Dec-09 | 19992021689 | 2001-May-23 | DE 29921689 U1 | 2001-Apr-19 | 29921689.6 | 2009-Dec-09 | |
| DE | 2000-Mar-10 | 00914124.3 | | | 2007-Apr-18 | 60034405.3 | 2020-Mar-10 | |
| DE | 2000-Apr-06 | 00926827.7 | 2001-Apr-04 | EP 1088350 | 2011-Nov-23 | 60046687.6 | 2020-Apr-06 | |
| DE | 2000-Jun-22 | 00947862.9 | | | 2008-Jul-30 | 60039674.6 | 2020-Jun-22 | |
| DE | 2000-Jul-14 | 09160257.3 | | | 2011-Mar-02 | 60045697.8 | 2020-Jul-14 | |
| DE | 2000-Jul-14 | 00950360.8 | 2002-Jul-24 | EP 1224845 | 2005-Nov-02 | 60023730.3 | 2020-Jul-14 | |
| DE | 2000-Jul-14 | 05077467.8 | | | 2009-May-06 | 60042177.5 | 2020-Jul-14 | |
| DE | 2000-Aug-07 | 00958400.4 | | | 2007-Nov-21 | 60037178.6 | 2020-Aug-07 | |
| DE | 2000-Sep-15 | 00964189.5 | 2001-Oct-04 | EP 1138177 | 2004-Dec-01 | 60016377.6 | 2020-Sep-15 | |
| DE | 2000-Oct-10 | 00972733.0 | 2001-Oct-10 | EP 1142452 | 2004-Mar-10 | 60008854.5 | 2020-Oct-10 | |
| DE | 2000-Oct-12 | 00967866.5 | 2001-Oct-17 | EP 1145602 | 2004-Mar-10 | 60008855.3 | 2020-Oct-12 | |
| DE | 2000-Oct-12 | 00972760.3 | 2001-Oct-31 | EP 1149510 | 2003-Feb-12 | 60001386.3 | 2020-Oct-12 | |
| DE | 2000-Nov-17 | 15168713.4 | 2015-Nov-04 | EP 2940732 | 2017-Jan-25 | 600 49 535.3 | 2020-Nov-17 | |
| DE | 2000-Nov-17 | 00979608.7 | 2001-Nov-21 | EP 1155455 | 2015-Aug-26 | 600 49 056.4 | 2020-Nov-17 | |
| DE | 2000-Nov-20 | 05076817.5 | 2005-Dec-28 | EP 1610593 | 2015-Jul-08 | 600 49 004.1 | 2020-Nov-20 | |
| DE | 2000-Nov-20 | 00980578.9 | 2002-Aug-28 | EP 1234140 | 2005-Aug-10 | 60021911.9 | 2020-Nov-20 | |
| DE | 2000-Dec-01 | 01123199.0 | 2002-Jan-30 | EP 1176362 | 2004-Dec-01 | 50008838.1 | 2020-Dec-01 | |
| DE | 2000-Dec-01 | 00126262.5 | 2001-Jun-13 | EP 1106914 | 2002-Sep-11 | 50000481.1 | 2020-Dec-01 | |
| DE | 2000-Dec-01 | 00126263.3 | 2001-Jun-13 | EP 1106915 | 2002-Sep-25 | 50000551.6 | 2020-Dec-01 | |
| DE | 2000-Dec-14 | 00981374.2 | 2007-Aug-30 | 60030541-T2 | 2006-Sep-06 | 60030541.4 | 2020-Dec-14 | |
| DE | 2000-Dec-18 | 00985192.4 | | | 2007-Feb-28 | 60033639.5 | 2020-Dec-18 | |
| DE | 2001-Jan-08 | 01907413.7 | | | 2006-Jun-14 | 60120563.4 | 2021-Jan-08 | |
| DE | 2001-Apr-24 | 03028671.0 | | | 2010-Apr-14 | 60141857.3 | 2021-Apr-24 | |
| DE | 2001-Apr-24 | 07075990.7 | 2008-Feb-13 | EP 1887836 | 2012-Mar-07 | 60146245.9 | 2021-Apr-24 | |
| DE | 2001-Jun-21 | 01948546.5 | 2003-Mar-26 | EP 1295515 | 2011-Dec-28 | 1295515 | 2021-Jun-21 | |
| DE | 2001-Jun-21 | 10182095.9 | 2011-Sep-07 | EP 2364067 | 2013-Dec-11 | 601 48 494.0 | 2021-Jun-21 | |
| DE | 2001-Aug-14 | 01203099.5 | | | 2009-Oct-14 | 60140161.1 | 2021-Aug-14 | |
| DE | 2001-Aug-31 | 01120981.4 | 2002-Mar-06 | EP 1183964 | 2003-Nov-05 | 50100895.0 | 2021-Aug-31 | |
| DE | 2001-Sep-05 | 01965257.7 | | | 2005-Dec-14 | 60115927.6 | 2021-Sep-05 | |
| DE | 2001-Oct-25 | 01997118.3 | | | 2009-Jun-17 | 60139022.9 | 2021-Oct-25 | |
| DE | 2001-Nov-09 | 01990408.5 | | | 2006-Apr-12 | 60118777.6 | 2021-Nov-09 | |
| DE | 2001-Nov-26 | 01271986.0 | 2004-Jan-07 | EP 1378011 | 2016-Nov-02 | 601 50 184.5 | 2021-Nov-26 | |
| DE | 2001-Dec-03 | 01989575.4 | | | 2005-Aug-10 | 60112612.2 | 2021-Dec-03 | |
| DE | 2001-Dec-06 | 01271514.0 | | | 2011-Mar-02 | 60144141.9 | 2021-Dec-06 | |
| DE | 2001-Dec-12 | 01272187.4 | | | 2005-Jun-08 | 60111421.3 | 2021-Dec-12 | |
| DE | 2001-Dec-21 | 01994819.9 | | | 2008-Nov-05 | 50114476.5 | 2021-Dec-21 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|----------------|-------------|-------------------|-------------|-------------------|
| DE | 2002-Jan-14 | 02075145.9 | 2002-Jul-31 | EP 1227559 | 2011-Jul-27 | 60240594.7 | 2022-Jan-14 | |
| DE | 2002-Mar-14 | 02703803.3 | | | 2007-Aug-08 | 60221654.0 | 2022-Mar-14 | |
| DE | 2002-Mar-26 | 10213394.8 | 2002-Oct-31 | DE 10213394 A1 | | | 2022-Mar-26 | |
| DE | 2002-May-10 | 02734387.0 | 2004-Feb-11 | EP 1388276 | 2011-Aug-10 | 60240739.7 | 2022-May-10 | |
| DE | 2002-May-30 | 02739485.7 | | | 2010-May-05 | 60236280.6 | 2022-May-30 | |
| DE | 2002-Jun-07 | 02735758.1 | | | 2006-Aug-09 | 60213804.3 | 2022-Jun-07 | |
| DE | 2002-Jun-21 | 02738518.6 | | | 2008-Dec-10 | 60230275.7 | 2022-Jun-21 | |
| DE | 2002-Jul-18 | 02751537.8 | | | 2006-May-24 | 60211710.0 | 2022-Jul-18 | |
| DE | 2002-Jul-18 | 02751538.6 | | | 2006-May-17 | 60211526.4 | 2022-Jul-18 | |
| DE | 2002-Jul-23 | 02755430.2 | 2004-May-06 | EP 1415345 | 2014-Apr-23 | 602 46 216.9 | 2022-Jul-23 | |
| DE | 2002-Aug-09 | 02755483.1 | 2004-May-26 | EP 1421830 | 2011-Oct-12 | 60241309.5 | 2022-Aug-09 | |
| DE | 2002-Sep-17 | 02773430.0 | 2004-Jun-16 | EP 1428415 | 2012-Jul-18 | 60243345.2 | 2022-Sep-17 | |
| DE | 2002-Sep-30 | 02800685.6 | | | 2006-May-10 | 60211366.0 | 2022-Sep-30 | |
| DE | 2002-Nov-15 | 02781532.3 | | | 2008-Feb-27 | 60225333.0 | 2022-Nov-15 | |
| DE | 2002-Dec-09 | 02788334.7 | 2004-Sep-29 | EP 1461981 | 2017-Aug-30 | 602 49 059.6 | 2022-Dec-09 | |
| DE | 2002-Dec-18 | 02790614.8 | 2004-Sep-22 | EP 1459280 | 2012-Feb-15 | 1459280 | 2022-Dec-18 | |
| DE | 2002-Dec-19 | 02796002.0 | 2004-Sep-22 | EP 1459600 | 2014-Feb-26 | 60246023.9 | 2022-Dec-19 | |
| DE | 2002-Dec-20 | 02790641.1 | 2007-Aug-23 | 60215701-T2 | 2006-Oct-25 | 60215701.3 | 2022-Dec-20 | |
| DE | 2003-Feb-06 | 03700452.0 | | | 2006-Jul-05 | 60306624.0 | 2023-Feb-06 | |
| DE | 2003-Jun-12 | 03735929.6 | | | 2009-May-06 | 60327526.5 | 2023-Jun-12 | |
| DE | 2003-Aug-28 | 03791823.2 | | | 2010-Jan-13 | 60330967.4 | 2023-Aug-28 | |
| DE | 2003-Sep-03 | 03793997.2 | | | 2009-Apr-29 | 60327439.0 | 2023-Sep-03 | |
| DE | 2003-Nov-11 | 03758604.7 | | | 2010-Mar-03 | 60331582.8 | 2023-Nov-11 | |
| DE | 2003-Dec-01 | 10356608.2 | 2004-Jun-17 | DE 10356608 A1 | 2017-Sep-28 | 10356608 | 2023-Dec-01 | |
| DE | 2003-Dec-11 | 03813686.7 | 2005-Sep-28 | EP 1579735 | 2016-Mar-09 | 603 48 647.9 | 2023-Dec-11 | |
| DE | 2003-Dec-11 | 03777081.5 | | | 2008-Dec-03 | 60325093.9 | 2023-Dec-11 | |
| DE | 2003-Dec-18 | 03777121.9 | | | 2008-Apr-09 | 60320307.8 | 2023-Dec-18 | |
| DE | 2004-Apr-21 | 15174450.5 | 2016-Apr-06 | EP 3002512 | 2018-Sep-19 | 60 2004 053 215.0 | | |
| DE | 2004-Apr-21 | 04760087.9 | 2006-Feb-01 | EP 1620843 | 2015-Sep-02 | 60 2004 047 810.5 | 2024-Apr-21 | |
| DE | 2004-Apr-22 | 04728861.8 | | | 2007-Mar-07 | 602004005180.2 | 2024-Apr-22 | |
| DE | 2004-Apr-30 | 04730612.1 | | | 2008-Apr-16 | 602004013138.5 | 2024-Apr-30 | |
| DE | 2004-Jul-21 | 04737997.9 | 2006-Apr-26 | EP 1649730 | 2013-Mar-13 | 60 2004 041 337.2 | 2024-Jul-21 | |
| DE | 2004-Sep-01 | 04769910.3 | 2006-Jun-07 | EP 1665893 | 2016-Jul-06 | 60 2004 049 553.0 | 2024-Sep-01 | |
| DE | 2004-Sep-07 | 04769950.9 | 2006-Jun-07 | EP 1665380 | | | 2024-Sep-07 | |
| DE | 2004-Sep-21 | 04770043.0 | 2006-Jun-14 | EP 1668622 | 2017-Apr-26 | 60 2004 051 160.9 | 2024-Sep-21 | |
| DE | 2004-Nov-05 | 04799073.4 | 2006-Aug-02 | EP 1685745 | 2013-May-01 | 60 2004 042 003.4 | 2024-Nov-05 | |
| DE | 2004-Nov-10 | 04105649.0 | 2005-Aug-10 | EP 1561993 | 2016-Oct-26 | 60 2004 050 178.6 | 2024-Nov-10 | |
| DE | 2004-Nov-22 | 04811765.9 | | | 2010-Apr-28 | 602004026908.5 | 2024-Nov-22 | |
| DE | 2004-Dec-13 | 12198393.6 | 2013-Mar-27 | EP 2572932 | 2015-Apr-22 | 60 2004 047 084.8 | 2024-Dec-13 | |
| DE | 2005-Mar-02 | 05724343.8 | 2006-Dec-13 | EP 1729615 | 2019-May-08 | 1729615 | 2025-Mar-02 | |
| DE | 2005-Mar-14 | 05725602.6 | 2006-Dec-13 | EP 1731004 | 2017-May-17 | 60 2005 051 968.8 | 2025-Mar-14 | |
| DE | 2005-Mar-23 | 05709077.1 | 2007-Jan-10 | EP 1740879 | 2013-May-15 | 60 2005 039 563.6 | 2025-Mar-23 | |
| DE | 2005-Apr-27 | 05731773.7 | | | 2009-Nov-18 | 602005017769.8 | 2025-Apr-27 | |
| DE | 2005-May-02 | 05733786.7 | 2007-Jan-24 | EP 1745681 | 2014-Nov-26 | 60 2005 045 279.6 | 2025-May-02 | |
| DE | 2005-May-30 | 05104602.7 | 2005-Dec-14 | EP 1605199 | 2018-Jul-11 | 60 2005 054 235.3 | 2025-May-30 | |
| DE | 2005-Jun-03 | 05748175.6 | | | 2011-Apr-27 | 602005027694.7 | 2025-Jun-03 | |
| DE | 2005-Jun-23 | 05751748.4 | | | 2007-Dec-12 | 602005003828.0 | 2025-Jun-23 | |
| DE | 2005-Jun-23 | 05759404.6 | 2007-Apr-25 | EP 1776628 | 2011-Nov-30 | 602005031481.4 | 2025-Jun-23 | |
| DE | 2005-Jun-28 | 05752840.8 | 2007-Mar-28 | EP 1767065 | 2014-Jun-04 | 1767065 | 2025-Jun-28 | |
| DE | 2005-Jul-06 | 05761104.8 | 2007-Apr-04 | EP 1769560 | 2016-Sep-07 | 60 2005 050 187.8 | 2025-Jul-06 | |
| DE | 2005-Jul-14 | 05763182.2 | 2007-Apr-11 | EP 1772044 | 2012-Sep-12 | 602005036105.7 | 2025-Jul-14 | |
| DE | 2005-Aug-02 | 05773348.7 | | | 2008-Jan-09 | 602005004297.0 | 2025-Aug-02 | |
| DE | 2005-Aug-02 | 05773347.9 | | | 2010-Jan-20 | 602005019055.4 | 2025-Aug-02 | |
| DE | 2005-Aug-02 | 05772133.4 | 2007-May-09 | EP 1782660 | 2011-Oct-12 | 602005030601.3 | 2025-Aug-02 | |
| DE | 2005-Aug-18 | 05776896.2 | 2007-Jun-13 | EP 1794811 | 2011-Jun-29 | 602005028775.2 | 2025-Aug-18 | |
| DE | 2005-Sep-12 | 05782814.7 | 2007-Jun-13 | EP 1794491 | 2011-Jun-29 | 602005028781.7 | 2025-Sep-12 | |
| DE | 2005-Sep-19 | 05783602.5 | 2007-Jul-11 | EP 1805452 | 2014-Apr-23 | 1805452 | 2025-Sep-19 | |
| DE | 2005-Sep-19 | 14162998.0 | 2014-Oct-15 | EP 2789894 | 2018-Dec-12 | 60 2005 055 146.8 | 2025-Sep-19 | |
| DE | 2005-Sep-20 | 05783948.2 | 2007-Jun-27 | EP 1800204 | 2013-Apr-17 | 60 2005 039 154.1 | 2025-Sep-20 | |
| DE | 2005-Oct-12 | 05791339.4 | 2007-Jun-27 | EP 1800401 | 2012-Apr-04 | 60 2005 033 518.8 | 2025-Oct-12 | |
| DE | 2005-Nov-09 | 05809900.3 | | | 2011-Feb-09 | 602005026312.8 | 2025-Nov-09 | |
| DE | 2005-Nov-23 | 05810845.7 | 2007-Aug-29 | EP 1825717 | 2014-Jan-08 | 60 2005 042 453.9 | 2025-Nov-23 | |
| DE | 2005-Nov-24 | 05826628.9 | | | 2011-Jan-26 | 602005026161.3 | 2025-Nov-24 | |
| DE | 2005-Nov-28 | 05807221.6 | 2007-Aug-29 | EP 1825515 | 2015-Nov-25 | 60 2005 047 981.3 | 2025-Nov-28 | |
| DE | 2005-Dec-02 | 05815525.0 | | | 2017-Oct-04 | 1842399 | 2025-Dec-02 | |
| DE | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 60 2006 056 129.6 | 2026-Jan-05 | |
| DE | 2006-Apr-03 | 06716702.3 | 2007-Nov-29 | EP 1869365 | 2013-Jun-12 | 1869365 | 2026-Apr-03 | |
| DE | 2006-Apr-19 | 06727966.1 | 2006-Nov-02 | EP 1878319 | 2011-Nov-02 | 1878319 | 2026-Apr-19 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement
List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------|-------------|-------------------|-------------|-------------------|
| DE | 2006-May-08 | 06770064.1 | 2008-Oct-29 | EP 1984667 | 2017-Aug-23 | 1984667 | 2026-May-08 | |
| DE | 2006-May-10 | 06744904.1 | | | 2009-Jul-22 | 602006007991.5 | 2026-May-10 | |
| DE | 2006-May-11 | 06744912.4 | 2008-Feb-20 | EP 1889518 | 2011-Dec-14 | 602006026375.9 | 2026-May-11 | |
| DE | 2006-May-24 | 06765708.0 | | | 2009-Mar-18 | 602006005813.6 | 2026-May-24 | |
| DE | 2006-Jul-05 | 06766007.6 | 2008-Apr-02 | EP 1905273 | 2012-Apr-18 | 602006028946.4 | 2026-Jul-05 | |
| DE | 2006-Sep-15 | 06821092.1 | 2008-Jun-18 | EP 1932178 | 2012-Feb-08 | 602006027562.5 | 2026-Sep-15 | |
| DE | 2006-Sep-25 | 06821145.7 | 2008-Jun-18 | EP 1932394 | 2016-Apr-27 | 60 2006 048 896.3 | 2026-Sep-25 | |
| DE | 2006-Oct-02 | 06809462.2 | 2008-Jun-25 | EP 1935085 | 2012-Mar-28 | 602006028511.6 | 2026-Oct-02 | |
| DE | 2006-Oct-11 | 14166066.2 | 2014-Sep-17 | EP 2779146 | 2017-Jul-26 | 60 2006 053 173.7 | 2026-Oct-11 | |
| DE | 2006-Oct-11 | 06812715.8 | | | 2012-Jun-13 | 602006030203.7 | 2026-Oct-11 | |
| DE | 2006-Oct-11 | 11173044.6 | 2011-Nov-30 | EP 2390866 | 2016-Sep-28 | 2390866 | 2026-Oct-11 | |
| DE | 2006-Oct-11 | 202006020673.6 | | | 2009-Aug-27 | 202006020673.6 | 2016-Oct-11 | |
| DE | 2006-Nov-07 | 06821351.1 | | | 2010-Apr-28 | 602006014017.7 | 2026-Nov-07 | |
| DE | 2006-Nov-13 | 06821415.4 | 2008-Aug-06 | EP 1952055 | 2019-Jan-09 | 60 2006 057 281.6 | 2026-Nov-13 | |
| DE | 2006-Nov-20 | 06821499.8 | | | 2012-Jan-11 | 602006027079.8 | 2026-Nov-20 | |
| DE | 2006-Dec-06 | 06832117.3 | 2008-Sep-03 | EP 1964451 | 2011-Jul-06 | 602006022985.2 | 2026-Dec-06 | |
| DE | 2006-Dec-11 | 06832203.1 | | | 2010-Sep-29 | 602006017258.3 | 2026-Dec-11 | |
| DE | 2006-Dec-12 | 06842457.1 | 2008-Sep-03 | EP 1964449 | 2014-Jul-23 | 60 2006 042 439.6 | 2026-Dec-12 | |
| DE | 2006-Dec-13 | 06842469.6 | 2008-Sep-10 | EP 1966624 | 2011-Jun-29 | 602006022851.1 | 2026-Dec-13 | |
| DE | 2006-Dec-13 | 11155525.6 | 2011-May-25 | EP 2325670 | 2017-Oct-25 | 60 2006 053 962.2 | 2026-Dec-13 | |
| DE | 2007-Jan-03 | 07716200.6 | 2008-Sep-24 | EP 1972183 | 2015-Mar-18 | 60 2007 040 664.1 | 2027-Jan-03 | |
| DE | 2007-Mar-02 | 07713186.0 | 2008-Dec-03 | EP 1997352 | 2018-Oct-24 | 60 2007 056 580.4 | 2027-Mar-02 | |
| DE | 2007-Mar-08 | 07710709.2 | 2008-Dec-03 | EP 1996857 | 2016-May-25 | 60 2007 046 423.4 | 2027-Mar-08 | |
| DE | 2007-Apr-20 | 07735597.2 | 2009-Jan-21 | EP 2016804 | 2011-Jun-29 | 602007015521.5 | 2027-Apr-20 | |
| DE | 2007-May-02 | 07735739.0 | 2009-Jan-28 | EP 2018795 | 2016-Dec-14 | 60 2007 049 137.1 | 2027-May-02 | |
| DE | 2007-May-31 | 15177099.7 | 2016-Apr-27 | EP 3013124 | 2017-Jul-12 | 60 2007 051 658.7 | 2027-May-31 | |
| DE | 2007-May-31 | 07736055.0 | 2009-Mar-04 | EP 2030483 | 2015-Oct-21 | 60 2007 043 581.1 | 2027-May-31 | |
| DE | 2007-Jun-19 | 07789721.3 | 2009-Mar-25 | EP 2039069 | 2017-Apr-05 | 60 2007 050 490.2 | 2027-Jun-19 | |
| DE | 2007-Jun-20 | 07789748.6 | 2009-Mar-25 | EP 2039227 | 2018-Mar-21 | 60 2007 054 303.7 | 2027-Jun-20 | |
| DE | 2007-Jul-05 | 07825886.0 | | | 2010-Mar-31 | 602007005658.6 | 2027-Jul-05 | |
| DE | 2007-Aug-09 | 07836669.7 | 2009-Nov-18 | EP 2119318 | 2013-Oct-16 | 60 2007 033 391.1 | 2027-Aug-09 | |
| DE | 2007-Aug-17 | 07800472.8 | 2009-May-06 | EP 2054662 | 2014-Oct-08 | 60 2007 038 845.7 | 2027-Aug-17 | |
| DE | 2007-Aug-22 | 07800465.2 | 2009-May-13 | EP 2057867 | 2016-Nov-09 | 60 2007 048 672.6 | 2027-Aug-22 | |
| DE | 2007-Sep-18 | 07826420.7 | | | 2010-Mar-24 | 602007005501.6 | 2027-Sep-18 | |
| DE | 2007-Sep-20 | 07815866.4 | 2009-Jun-10 | EP 2067381 | 2016-Sep-14 | 60 2007 047 944.4 | 2027-Sep-20 | |
| DE | 2007-Sep-20 | 07826475.1 | 2009-Jul-15 | EP 2078446 | 2013-Apr-10 | 60 2007 029 718.4 | 2027-Sep-20 | |
| DE | 2007-Sep-20 | 07826476.9 | | | 2011-Mar-02 | 602007012918.4 | 2027-Sep-20 | |
| DE | 2007-Oct-11 | 07826710.1 | 2009-Jul-01 | EP 2074451 | 2018-Aug-15 | 60 2007 055 776.3 | 2027-Oct-11 | |
| DE | 2007-Oct-12 | 07826733.3 | 2009-Jul-29 | EP 2082167 | 2017-Feb-22 | 60 2007 049 885.6 | 2027-Oct-12 | |
| DE | 2007-Oct-19 | 07861452.6 | 2009-Aug-12 | EP 2087776 | 2014-Dec-10 | 60 2007 039 658.1 | 2027-Oct-19 | |
| DE | 2007-Oct-31 | 07816094.2 | 2009-Aug-12 | EP 2087772 | 2017-Sep-06 | 60 2007 052 299.4 | 2027-Oct-31 | |
| DE | 2007-Nov-06 | 07826984.2 | | | 2010-Jul-28 | 602007008130.0 | 2027-Nov-06 | |
| DE | 2007-Nov-08 | 07827030.3 | | | 2010-Mar-31 | 602007005681.0 | 2027-Nov-08 | |
| DE | 2007-Nov-09 | 07840007.4 | | | 2010-Jul-14 | 602007007804.0 | 2027-Nov-09 | |
| DE | 2007-Nov-27 | 07849266.7 | 2009-Aug-26 | EP 2092669 | 2013-Jun-26 | 60 2007 031 316.3 | 2027-Nov-27 | |
| DE | 2007-Nov-27 | 07862228.9 | | | 2011-Mar-02 | 602007012927.3 | 2027-Nov-27 | |
| DE | 2007-Dec-07 | 07849372.3 | 2009-Sep-23 | EP 2103190 | 2012-Oct-17 | 602007026189.9 | 2027-Dec-07 | |
| DE | 2007-Dec-11 | 07855501.8 | 2009-Aug-26 | EP 2092797 | 2012-Nov-21 | 602007026906.7 | 2027-Dec-11 | |
| DE | 2007-Dec-17 | 07849526.4 | 2009-Sep-02 | EP 2095353 | 2019-May-01 | 2095353 | 2027-Dec-17 | |
| DE | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | | |
| DE | 2008-Mar-19 | 08719767.9 | | | 2010-Oct-27 | 602008003202.7 | 2028-Mar-19 | |
| DE | 2008-Mar-31 | 08737675.2 | 2010-Jan-13 | EP 2143303 | 2012-Aug-08 | 602008017813.7 | 2028-Mar-31 | |
| DE | 2008-Apr-04 | 08737714.9 | | | 2010-Oct-06 | 602008002911.5 | 2028-Apr-04 | |
| DE | 2008-Apr-11 | 08737808.9 | 2010-Jan-06 | EP 2140502 | 2017-Apr-05 | 60 2008 049 602.3 | 2028-Apr-11 | |
| DE | 2008-Apr-21 | 08737928.5 | | | 2010-Sep-15 | 602008002579.9 | 2028-Apr-21 | |
| DE | 2008-Apr-23 | 08737957.4 | 2010-Jan-20 | EP 2145508 | 2018-Aug-15 | 2145508 | 2028-Apr-23 | |
| DE | 2008-Apr-28 | 08738006.9 | 2010-Jan-27 | EP 2147576 | 2014-Apr-16 | 60 2008 031 540.1 | 2028-Apr-28 | |
| DE | 2008-May-01 | 14195242.4 | 2015-Apr-22 | EP 2863104 | | | | |
| DE | 2008-May-01 | 08738061.4 | 2010-Jan-20 | EP 2145129 | 2014-Dec-03 | 60 2008 035 678.7 | 2028-May-01 | |
| DE | 2008-May-02 | 08747429.2 | 2010-Jan-27 | EP 2147244 | 2015-Dec-02 | 60 2008 041 414.0 | 2028-May-02 | |
| DE | 2008-May-05 | 08738079.6 | 2010-Jan-27 | EP 2147349 | 2013-Jul-17 | 60 2008 026 070.4 | 2028-May-05 | |
| DE | 2008-May-26 | 08763104.0 | 2010-Feb-10 | EP 2150851 | 2015-Mar-11 | 60 2008 037 101.8 | 2028-May-26 | |
| DE | 2008-May-30 | 08763152.9 | 2010-Mar-10 | EP 2160731 | 2016-Jul-13 | 60 2008 045 095.3 | 2028-May-30 | |
| DE | 2008-Jun-23 | 08763422.6 | 2010-Mar-17 | EP 2163132 | 2013-Oct-09 | 60 2008 028 010.1 | 2028-Jun-23 | |
| DE | 2008-Jun-30 | 08789176.8 | 2010-Mar-24 | EP 2165576 | 2018-Aug-08 | 60 2008 056 405.3 | 2028-Jun-30 | |
| DE | 2008-Jul-21 | 08789379.8 | | | 2013-Jun-05 | 60 2008 025 180.2 | 2028-Jul-21 | |
| DE | 2008-Aug-14 | 08789608.0 | | | 2011-Apr-27 | 602008006564.2 | 2028-Aug-14 | |
| DE | 2008-Sep-16 | 08807680.7 | 2010-Jul-07 | EP 2203679 | 2012-May-30 | 602008016058.0 | 2028-Sep-16 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement
List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------|-------------|-------------------|-------------|-------------------|
| DE | 2008-Oct-08 | 08838302.1 | 2010-Jul-21 | EP 2207998 | 2015-Sep-16 | 60 2008 040 227.4 | 2028-Oct-08 | |
| DE | 2008-Oct-08 | 15170674.4 | 2016-Aug-03 | EP 3051586 | 2018-Feb-21 | 60 2008 054 174.6 | | |
| DE | 2008-Nov-24 | 08855505.7 | 2010-Aug-18 | EP 2218308 | 2013-Jun-19 | 602008025505.0 | 2028-Nov-24 | |
| DE | 2008-Dec-02 | 08857778.8 | 2010-Sep-29 | EP 2232951 | 2011-Jul-06 | 602008008161.3 | 2028-Dec-02 | |
| DE | 2008-Dec-16 | 08862035.6 | 2010-Oct-06 | EP 2235589 | 2018-Jul-25 | 60 2008 056 176.3 | 2028-Dec-16 | |
| DE | 2008-Dec-22 | 08863774.9 | 2010-Oct-06 | EP 2235435 | 2013-Sep-11 | 60 2008 027 544.2 | 2028-Dec-22 | |
| DE | 2008-Dec-29 | 08870459.8 | 2010-Sep-22 | EP 2229803 | 2011-Oct-26 | 602008010974.7 | 2028-Dec-29 | |
| DE | 2009-Jun-12 | 09761216.2 | 2011-Mar-02 | EP 2288848 | 2018-Dec-26 | 60 2009 056 408.0 | 2029-Jun-12 | |
| DE | 2009-Jul-10 | 09786561.2 | 2011-Mar-23 | EP 2297516 | 2012-Feb-22 | 602009005528.3 | 2029-Jul-10 | |
| DE | 2009-Jul-22 | 09786664.4 | 2011-May-11 | EP 2319275 | 2013-Nov-20 | 60 2009 020 292.8 | 2029-Jul-22 | |
| DE | 2009-Jul-22 | 09786669.3 | 2011-May-04 | EP 2316251 | 2012-May-09 | 602009006857.1 | 2029-Jul-22 | |
| DE | 2009-Sep-02 | 09787073.7 | 2011-Jun-15 | EP 2332392 | 2018-Nov-14 | 2332392 | 2029-Sep-02 | |
| DE | 2009-Sep-04 | 09787096.8 | 2011-Jun-01 | EP 2326869 | 2016-Jun-29 | 60 2009 039 490.8 | 2029-Sep-04 | |
| DE | 2009-Oct-02 | 09787352.5 | 2011-Jul-20 | EP 2345307 | 2013-Dec-11 | 2345307 | 2029-Oct-02 | |
| DE | 2009-Nov-12 | 09760323.7 | 2011-Aug-24 | EP 2359052 | 2016-Feb-10 | 60 2009 036 210.0 | 2029-Nov-12 | |
| DE | 2009-Nov-27 | 09775293.5 | 2011-Oct-19 | EP 2377371 | 2016-Apr-20 | 60 2009 038 008.7 | 2029-Nov-27 | |
| DE | 2009-Nov-30 | 09774962.6 | 2011-Nov-16 | EP 2386044 | 2015-Jul-29 | 60 2009 032 546.9 | 2029-Nov-30 | |
| DE | 2010-Jan-04 | 10702737.7 | 2011-Nov-16 | EP 2386045 | 2015-Jun-17 | 602010025266.3 | 2030-Jan-04 | |
| DE | 2010-Jan-05 | 10702908.4 | 2011-Nov-16 | EP 2386043 | 2016-Apr-13 | 60 2010 032 209.2 | 2030-Jan-05 | |
| DE | 2010-Mar-15 | 10712534.6 | 2012-Feb-01 | EP 2412209 | 2018-Feb-21 | 60 2010 048 604.4 | 2030-Mar-15 | |
| DE | 2010-Mar-30 | 10713725.9 | 2012-Feb-08 | EP 2414876 | 2017-Aug-23 | 60 2010 044 594.1 | 2030-Mar-30 | |
| DE | 2010-Apr-01 | 13165685.2 | 2013-Aug-21 | EP 2629491 | 2014-Sep-17 | 60 2010 019 088.9 | 2030-Apr-01 | |
| DE | 2010-Apr-01 | 10715358.7 | 2012-Feb-29 | EP 2422507 | 2013-Jun-19 | 60 2010 007 939.2 | 2030-Apr-01 | |
| DE | 2010-May-05 | 10719619.8 | 2012-Mar-28 | EP 2433471 | 2018-Jul-18 | 60 2010 051 986.4 | 2030-May-05 | |
| DE | 2010-May-21 | 10726288.3 | 2012-Apr-04 | EP 2435753 | 2013-May-15 | 60 2010 007 132.4 | 2030-May-21 | |
| DE | 2010-May-21 | 13165765.2 | 2013-Aug-07 | EP 2623846 | 2016-Jul-20 | 60 2010 034 963.2 | 2030-May-21 | |
| DE | 2010-May-26 | 10727919.2 | 2012-Apr-04 | EP 2435754 | 2016-Apr-27 | 60 2010 032 836.8 | 2030-May-26 | |
| DE | 2010-Jun-04 | 10728329.3 | 2012-Apr-11 | EP 2438647 | 2013-Oct-16 | 60 2010 010 987.9 | 2030-Jun-04 | |
| DE | 2010-Jun-09 | 10728345.9 | 2012-Apr-25 | EP 2443624 | 2014-Jan-08 | 2443624 | 2030-Jun-09 | |
| DE | 2010-Jun-11 | 10730223.4 | 2012-Apr-25 | EP 2443387 | 2016-Mar-02 | 60 2010 030 889.8 | 2030-Jun-11 | |
| DE | 2010-Jun-14 | 10732438.6 | 2012-Apr-25 | EP 2443380 | 2014-Sep-10 | 60 2010 018 880.9 | 2030-Jun-14 | |
| DE | 2010-Jun-15 | 10730851.2 | 2012-Apr-25 | EP 2443910 | 2013-Oct-09 | 60 2010 010 838.4 | 2030-Jun-15 | |
| DE | 2010-Jun-22 | 10731600.2 | 2012-May-02 | EP 2446708 | 2019-Mar-27 | 60 2010 057 822.4 | 2030-Jun-22 | |
| DE | 2010-Jul-14 | 10740369.3 | 2012-May-30 | EP 2457415 | 2014-Feb-26 | 60 2010 013 770.8 | 2030-Jul-14 | |
| DE | 2010-Jul-19 | 10740379.2 | 2012-May-30 | EP 2457418 | 2013-Jan-16 | 602010004728.8 | 2030-Jul-19 | |
| DE | 2010-Jul-27 | 10745008.2 | 2012-Jun-06 | EP 2460389 | 2013-May-01 | 602010006812.9 | 2030-Jul-27 | |
| DE | 2010-Aug-18 | 10760766.5 | 2012-Jul-04 | EP 2471344 | 2013-Aug-07 | 60 2010 009 248.8 | 2030-Aug-18 | |
| DE | 2010-Aug-30 | 10760770.7 | 2012-Jul-11 | EP 2473773 | 2018-Oct-17 | 60 2010 054 417.6 | 2030-Aug-30 | |
| DE | 2010-Sep-01 | 10757276.0 | 2012-Jul-11 | EP 2474201 | 2017-Jun-28 | 60 2010 043 297.1 | 2030-Sep-01 | |
| DE | 2010-Sep-07 | 10760057.9 | 2012-Jul-25 | EP 2478743 | 2014-Jun-11 | 60 2010 016 670.8 | 2030-Sep-07 | |
| DE | 2010-Sep-09 | 10763438.8 | 2012-Aug-01 | EP 2481266 | 2014-Jun-04 | 2481266 | 2030-Sep-09 | |
| DE | 2010-Sep-09 | 10760066.0 | 2012-Aug-08 | EP 2480829 | 2014-Apr-16 | 60 2010 015 215.4 | 2030-Sep-09 | |
| DE | 2010-Sep-13 | 10760080.1 | 2012-Jul-25 | EP 2478289 | 2013-Jun-05 | 602010007701.2 | 2030-Sep-13 | |
| DE | 2010-Sep-29 | 10765686.0 | 2012-Aug-15 | EP 2486605 | 2017-Sep-13 | 60 2010 045 229.8 | 2030-Sep-29 | |
| DE | 2010-Oct-29 | 10782402.1 | 2012-Sep-12 | EP 2497339 | 2017-Sep-20 | 60 2010 045 415.0 | 2030-Oct-29 | |
| DE | 2010-Dec-10 | 10809182.8 | 2012-Oct-24 | EP 2514273 | 2015-May-06 | 60 2010 024 563.2 | 2030-Dec-10 | |
| DE | 2011-Feb-28 | 11713358.7 | 2013-Jan-09 | EP 2542826 | 2018-Oct-24 | 2542826 | 2031-Feb-28 | |
| DE | 2011-Mar-11 | 11714109.3 | 2013-Jan-30 | EP 2550843 | 2018-Jan-24 | 60 2011 045 267.3 | 2031-Mar-11 | |
| DE | 2011-Apr-01 | 11719657.6 | 2013-Feb-13 | EP 2556294 | 2015-Mar-25 | 60 2011 015 024.3 | 2031-Apr-01 | |
| DE | 2011-Apr-27 | 11721826.3 | 2013-Mar-20 | EP 2569576 | 2016-Jul-06 | 60 2011 027 932.7 | 2031-Apr-27 | |
| DE | 2011-Jun-16 | 11754735.6 | 2013-Apr-24 | EP 2583536 | 2015-Feb-11 | 60 2011 013 658.5 | 2031-Jun-16 | |
| DE | 2011-Jun-24 | 11738309.1 | 2013-May-29 | EP 2596554 | 2014-Oct-29 | 60 2011 010 962.6 | 2031-Jun-24 | |
| DE | 2011-Jun-30 | 11738821.5 | 2013-May-15 | EP 2591275 | 2017-Mar-01 | 60 2011 035 419.1 | 2031-Jun-30 | |
| DE | 2011-Aug-05 | 11754507.9 | 2013-Jul-10 | EP 2612463 | 2014-Apr-16 | 602011006274.3 | 2031-Aug-05 | |
| DE | 2011-Aug-11 | 11754522.8 | 2013-Jun-26 | EP 2606274 | 2018-Mar-28 | 60 2011 046 930.4 | 2031-Aug-11 | |
| DE | 2011-Nov-15 | 11799321.2 | 2013-Oct-02 | EP 2644006 | 2018-Mar-28 | 60 2011 046 964.9 | 2031-Nov-15 | |
| DE | 2011-Nov-16 | 11794283.9 | | | 2019-Jan-09 | 60 2011 055 608.8 | | |
| DE | 2012-Jan-11 | 12703883.4 | 2013-Nov-20 | EP 2663806 | 2018-Jan-03 | 60 2012 041 553.3 | 2031-Jan-11 | |
| DE | 2012-Apr-02 | 12716291.5 | 2014-Feb-12 | EP 2694867 | 2016-Aug-31 | 60 2012 022 383.9 | 2032-Dec-02 | |
| DE | 2012-May-14 | 12724737.7 | 2014-Mar-26 | EP 2710860 | 2016-Nov-30 | 60 2012 026 017.3 | 2032-May-14 | |
| DE | 2012-Oct-05 | 12795854.4 | 2014-Jul-02 | EP 2748975 | 2019-Apr-03 | 60 2012 058 630.3 | 2032-Oct-05 | |
| DE | 2012-Oct-12 | 12798379.9 | 2014-Jul-02 | EP 2749130 | 2018-Jan-10 | 60 2012 041 864.8 | 2032-Oct-12 | |
| DE | 2012-Oct-17 | 12781169.3 | 2014-Jul-02 | EP 2749128 | 2015-Jan-28 | 60 2012 005 188.4 | 2032-Oct-17 | |
| DE | 2012-Oct-19 | 12808477.9 | 2014-Jun-25 | EP 2745626 | 2017-May-10 | 60 2012 032 333.7 | 2032-Oct-19 | |
| DE | 2012-Oct-19 | 12841485.1 | 2014-Aug-27 | EP 2769142 | 2018-Feb-21 | 60 2012 043 173.3 | 2032-Oct-19 | |
| DE | 2012-Oct-29 | 12812346.0 | 2014-Jul-09 | EP 2752090 | 2018-Jan-03 | 60 2012 041 659.9 | 2032-Oct-29 | |
| DE | 2012-Dec-11 | 12820908.7 | 2014-Jul-02 | EP 2748688 | 2019-Feb-20 | 60 2012 056 897.6 | 2031-Dec-13 | |
| DE | 2013-Jan-02 | 13703878.2 | 2014-Aug-06 | EP 2761978 | 2016-Apr-06 | 60 2013 006 216.1 | 2033-Jan-02 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------|-------------|-------------------|-------------|-------------------|
| DE | 2013-Jan-02 | 13703876.6 | 2014-Nov-12 | EP 2801240 | 2016-Apr-06 | 60 2013 006 215.3 | 2033-Jan-02 | |
| DE | 2013-Jan-10 | 13705570.3 | 2014-Nov-19 | EP 2802805 | 2017-Oct-18 | 60 2013 028 057.6 | 2033-Jan-10 | |
| DE | 2013-Jan-18 | 13707716.0 | 2014-Dec-10 | EP 2810532 | | | 2033-Jan-18 | |
| DE | 2013-Jan-25 | 13709554.3 | 2014-Dec-10 | EP 2810533 | 2015-Aug-05 | 60 2013 002 530.4 | 2033-Jan-25 | |
| DE | 2013-Feb-08 | 13713975.4 | 2014-Oct-08 | EP 2786640 | 2015-Jul-22 | 602013002380.8 | 2033-Feb-08 | |
| DE | 2013-Feb-22 | 13717318.3 | 2014-Dec-31 | EP 2818028 | 2017-Apr-12 | 60 2013 019 732.6 | 2033-Feb-22 | |
| DE | 2013-Feb-22 | 13717316.7 | 2014-Dec-17 | EP 2823691 | 2019-Apr-10 | 60 2013 053 636.8 | | |
| DE | 2013-Mar-07 | 13720567.0 | 2015-Feb-04 | EP 2832183 | 2016-May-18 | 60 2013 007 675.8 | 2033-Mar-07 | |
| DE | 2013-Mar-08 | 13721393.0 | 2015-Jan-28 | EP 2829158 | 2016-May-18 | 60 2013 007 680.4 | 2033-Mar-08 | |
| DE | 2013-Mar-20 | 13721401.1 | 2015-Feb-04 | EP 2832184 | 2016-Jan-13 | 60 2013 004 648.4 | 2033-Mar-20 | |
| DE | 2013-Apr-16 | 13726598.9 | 2015-Feb-25 | EP 2839204 | 2016-Dec-14 | 60 2013 015 332.9 | 2033-Apr-16 | |
| DE | 2013-Apr-26 | 13727386.8 | 2015-Mar-18 | EP 2848091 | 2018-Nov-28 | 60 2013 047 427.3 | | |
| DE | 2013-May-22 | 13736961.7 | 2015-Apr-08 | EP 2856490 | 2016-Mar-09 | 60 2013 005 428.2 | 2033-May-22 | |
| DE | 2013-Jun-17 | 13750382.7 | 2015-May-06 | EP 2867982 | 2016-Mar-16 | 60 2013 005 585.8 | 2033-Jun-17 | |
| DE | 2013-Jul-10 | 13765478.6 | 2015-May-20 | EP 2873310 | 2019-Feb-27 | 60 2013 051 437.2 | | |
| DE | 2013-Jul-12 | 13765494.3 | 2015-May-20 | EP 2873299 | 2019-Jan-09 | 2873299 | | |
| DE | 2013-Jul-24 | 13745301.5 | | | 2018-Dec-12 | 60 2013 048 110.5 | | |
| DE | 2013-Sep-17 | 13799377.0 | 2015-Jul-29 | EP 2898265 | 2016-Dec-07 | 60 2013 015 148.2 | 2033-Sep-17 | |
| DE | 2013-Oct-30 | 202013012202.1 | | | 2015-Aug-03 | 202013012202 | 2023-Oct-30 | |
| DE | 2013-Dec-02 | 13805599.1 | 2015-Oct-21 | EP 2932797 | 2017-Oct-04 | 60 2013 027 577.7 | 2033-Dec-02 | |
| DE | 2014-Mar-05 | 14709902.2 | 2016-Jan-27 | EP 2976567 | 2017-May-10 | 60 2014 009 653.0 | 2034-Mar-05 | |
| DE | 2014-Mar-12 | 14713924.0 | 2016-Feb-03 | EP | 2017-Feb-22 | 60 2014 006 922.3 | 2034-Mar-12 | |
| DE | 2014-Jun-04 | 14728546.4 | 2016-Apr-13 | EP 3005834 | 2018-Mar-21 | 60 2014 022 613.2 | 2034-Jun-04 | |
| DE | 2014-Jul-09 | 14738810.2 | 2016-Jun-08 | EP | 2017-Feb-22 | 60 2014 006 959.2 | 2034-Jul-09 | |
| DE | 2014-Jul-23 | 14741900.6 | 2016-Jun-08 | EP 3028543 | 2018-Jan-17 | 60 2014 020 069.9 | 2034-Jul-23 | |
| DE | 2014-Aug-27 | 14756047.8 | 2016-Jul-06 | EP 3039946 | 2017-May-31 | 60 2014 010 355.3 | 2034-Aug-27 | |
| DE | 2014-Oct-14 | 14793310.5 | 2016-Aug-24 | EP 3058794 | 2018-Aug-29 | 60 2014 031 407.4 | | |
| DE | 2014-Nov-12 | EP14799386.9 | 2016-Sep-28 | EP 3072359 | 2019-Mar-20 | 60 2014 043 327.8 | | |
| DE | 2014-Dec-23 | 14819015.0 | 2015-Oct-28 | EP 2935980 | 2016-Jun-15 | 60 2014 002 344.4 | 2034-Dec-23 | |
| DE | 2015-Feb-03 | EP15702484.5 | 2016-Sep-28 | EP 3071881 | 2017-Aug-23 | 60 2015 004 321.9 | 2035-Feb-03 | |
| DE | 2015-Feb-23 | EP15706017.9 | 2016-Aug-31 | EP | 2017-Apr-12 | 60 2015 002 255.6 | 2035-Feb-23 | |
| DE | 2015-Jun-24 | EP15731323.0 | 2017-May-10 | 3164928-A | | | | |
| DE | 2016-Apr-04 | 16713475.8 | 2018-Feb-14 | EP 3281270 | 2019-Jan-09 | 60 2016 009 244.1 | | |
| DE | 2016-Apr-20 | 16721678.7 | 2017-Dec-27 | EP 3259959 | 2018-Jun-20 | 60 2016 003 725.4 | | |
| DK | 1999-Sep-03 | 03011110.8 | 2004-Feb-25 | EP 1391650 | 2014-Feb-26 | 1391650 | 2019-Sep-03 | |
| DK | 1999-Sep-03 | 99943116.6 | | EP 1110198 | 2003-Nov-05 | 1110198 | 2019-Sep-03 | |
| DK | 2000-Nov-20 | 05076817.5 | 2005-Dec-28 | EP 1610593 | 2015-Jul-08 | 1610593 | 2020-Nov-20 | |
| DK | 2001-Apr-24 | 07075990.7 | 2008-Feb-13 | EP 1887836 | 2012-Mar-07 | 1887836 | 2021-Apr-24 | |
| DK | 2001-Apr-24 | 03028671.0 | | EP 1422975 | 2010-Apr-14 | 1422975 | 2021-Apr-24 | |
| DK | 2001-Oct-25 | 01997118.3 | | EP 1337784 | 2009-Jun-17 | 1337784 | 2021-Oct-25 | |
| DK | 2002-Jun-21 | 02738518.6 | | EP 1405551 | 2008-Dec-10 | 1405551 | 2022-Jun-21 | |
| DK | 2003-Aug-28 | 03791823.2 | | EP 1535495 | 2010-Jan-13 | 1535495 | 2023-Aug-28 | |
| DK | 2005-Sep-19 | 14162998.0 | 2014-Oct-15 | EP 2789894 | 2018-Dec-12 | 2789894 | 2025-Sep-19 | |
| DK | 2005-Dec-02 | 05815525.0 | | | 2017-Oct-04 | 1842399 | 2025-Dec-02 | |
| DK | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| DK | 2006-May-24 | 06765708.0 | | EP 1889519 | 2009-Mar-18 | 1889519 | 2026-May-24 | |
| DK | 2006-Oct-11 | 11173044.6 | 2011-Nov-30 | EP 2390866 | 2016-Sep-28 | 2390866 | 2026-Oct-11 | |
| DK | 2006-Oct-11 | 14166066.2 | 2014-Sep-17 | EP 2779146 | 2017-Jul-26 | 2779146 | 2026-Oct-11 | |
| DK | 2006-Oct-11 | 06812715.8 | | EP 1938298 | 2012-Jun-13 | 1938298 | 2026-Oct-11 | |
| DK | 2007-Mar-02 | 07713186.0 | 2008-Dec-03 | EP 1997352 | 2018-Oct-24 | 1997352 | 2027-Mar-02 | |
| DK | 2007-Apr-20 | 07735597.2 | 2009-Jan-21 | EP 2016804 | 2011-Jun-29 | 2016804 | 2027-Apr-20 | |
| DK | 2007-Nov-27 | 07862228.9 | 2009-Aug-19 | EP 2089656 | 2011-Mar-02 | 2089656 | 2027-Nov-27 | |
| DK | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | | |
| DK | 2008-Apr-23 | 08737957.4 | 2010-Jan-20 | EP 2145508 | 2018-Aug-15 | 2145508 | 2028-Apr-23 | |
| DK | 2011-Feb-28 | 11713358.7 | 2013-Jan-09 | EP 2542826 | 2018-Oct-24 | 2542826 | 2031-Feb-28 | |
| DK | 2011-Nov-16 | 11794283.9 | | | 2019-Jan-09 | 2681969 | | |
| DK | 2012-Oct-19 | 12841485.1 | 2014-Aug-27 | EP 2769142 | 2018-Feb-21 | 2769142 | 2032-Oct-19 | |
| DK | 2013-Feb-22 | 13717316.7 | 2014-Dec-17 | EP 2823691 | 2019-Apr-10 | 2823691 | | |
| DK | 2013-Jul-12 | 13765494.3 | 2015-May-20 | EP 2873299 | 2019-Jan-09 | 2873299 | | |
| DK | 2014-Mar-05 | 14709902.2 | 2016-Jan-27 | EP 2976567 | 2017-May-10 | 2976567 | 2034-Mar-05 | |
| DK | 2014-Jun-04 | 14728546.4 | 2016-Apr-13 | EP 3005834 | 2018-Mar-21 | 3005834 | 2034-Jun-04 | |
| DK | 2014-Jul-23 | 14741900.6 | 2016-Jun-08 | EP 3028543 | 2018-Jan-17 | 3028543 | 2034-Jul-23 | |
| EP | 1999-Sep-03 | 03011110.8 | 2004-Feb-25 | EP 1391650 | 2014-Feb-26 | 1391650 | 2019-Sep-03 | |
| EP | 2000-Nov-20 | 05076817.5 | 2005-Dec-28 | EP 1610593 | 2015-Jul-08 | 1610593 | 2020-Nov-20 | |
| EP | 2000-Nov-20 | 15169577.2 | 2016-Jan-20 | EP 2975912 | | | | |
| EP | 2001-Apr-24 | 07075990.7 | 2008-Feb-13 | EP 1887836 | 2012-Mar-07 | 1887836 | 2021-Apr-24 | |
| EP | 2002-Dec-09 | 02788334.7 | 2004-Sep-29 | EP 1461981 | 2017-Aug-30 | 1461981 | 2022-Dec-09 | |
| EP | 2002-Dec-19 | 02796002.0 | 2004-Sep-22 | EP 1459600 | 2014-Feb-26 | 1459600 | 2022-Dec-19 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement
List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------|-------------|-----------|-------------|-------------------|
| EP | 2003-Dec-11 | 15174964.5 | 2016-Jan-06 | EP 2964000 | | | | |
| EP | 2004-Apr-21 | 15174450.5 | 2016-Apr-06 | EP 3002512 | 2018-Sep-19 | 3002512 | | |
| EP | 2004-Apr-21 | 18182693.4 | 2018-Dec-26 | EP 3419388 | | | | |
| EP | 2004-May-04 | 04751358.5 | 2006-Feb-01 | EP 1620676 | | | 2024-May-04 | |
| EP | 2004-May-04 | 18175690.9 | 2018-Dec-19 | EP 3416460 | | | | |
| EP | 2004-Jul-20 | 04737972.2 | 2006-Apr-26 | EP 1649210 | | | 2024-Jul-20 | |
| EP | 2004-Sep-07 | 04769950.9 | 2006-Jun-07 | EP 1665380 | | | 2024-Sep-07 | |
| EP | 2004-Sep-07 | 11171721.1 | 2011-Oct-05 | EP 2372765 | | | 2024-Sep-07 | |
| EP | 2005-Mar-02 | 05724343.8 | 2006-Dec-13 | EP 1729615 | 2019-May-08 | 1729615 | 2025-Mar-02 | |
| EP | 2005-Mar-14 | 17156496.6 | 2017-Sep-27 | 3223587 | | | | |
| EP | 2005-May-30 | 18167801.2 | 2018-Oct-03 | EP 3383034 | | | | |
| EP | 2005-May-30 | 05104602.7 | 2005-Dec-14 | EP 1605199 | 2018-Jul-11 | 1605199 | 2025-May-30 | |
| EP | 2005-Jul-29 | 05770329.0 | 2007-May-02 | EP 1779708 | | | 2025-Jul-29 | |
| EP | 2005-Aug-02 | 17207210.0 | 2018-Jun-06 | EP 3331010 | | | | |
| EP | 2005-Sep-19 | 18184893.8 | 2019-Jan-16 | EP 3428506 | | | | |
| EP | 2005-Sep-19 | 14162998.0 | 2014-Oct-15 | EP 2789894 | 2018-Dec-12 | 2789894 | 2025-Sep-19 | |
| EP | 2005-Oct-17 | 05791937.5 | 2007-Jul-18 | EP 1808050 | | | 2025-Oct-17 | |
| EP | 2005-Dec-02 | 05815525.0 | | | 2017-Oct-04 | 1842399 | 2025-Dec-02 | |
| EP | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| EP | 2006-Jan-05 | 18178980.1 | 2018-Dec-12 | EP 3413345 | | | | |
| EP | 2006-May-19 | 06741539.8 | 2008-Feb-27 | EP 1891671 | | | 2026-May-19 | |
| EP | 2006-May-23 | 06771039.2 | 2008-Mar-05 | EP 1893912 | | | 2026-May-23 | |
| EP | 2006-Oct-11 | 11173044.6 | 2011-Nov-30 | EP 2390866 | 2016-Sep-28 | 2390866 | 2026-Oct-11 | |
| EP | 2006-Oct-11 | 17150659.5 | 2017-Jul-05 | EP 3188164 | | | | |
| EP | 2006-Oct-11 | 14166066.2 | 2014-Sep-17 | EP 2779146 | 2017-Jul-26 | 2779146 | 2026-Oct-11 | |
| EP | 2006-Nov-13 | 06821415.4 | 2008-Aug-06 | EP 1952055 | 2019-Jan-09 | 1952055 | 2026-Nov-13 | |
| EP | 2006-Nov-13 | 18193342.5 | 2019-Feb-27 | EP 3447366 | | | | |
| EP | 2006-Nov-20 | 06821499.8 | | EP 1954975 | 2012-Jan-11 | 1954975 | 2026-Nov-20 | |
| EP | 2007-Jan-03 | 07716200.6 | 2008-Sep-24 | EP 1972183 | 2015-Mar-18 | 1972183 | 2027-Jan-03 | |
| EP | 2007-Mar-02 | 07713186.0 | 2008-Dec-03 | EP 1997352 | 2018-Oct-24 | 1997352 | 2027-Mar-02 | |
| EP | 2007-Mar-02 | 18194160.0 | 2019-Feb-27 | EP 3448126 | | | | |
| EP | 2007-May-31 | 15177109.4 | 2016-Mar-23 | EP 2999314 | | | | |
| EP | 2007-Oct-11 | 07826710.1 | 2009-Jul-01 | EP 2074451 | 2018-Aug-15 | 2074451 | 2027-Oct-11 | |
| EP | 2007-Dec-07 | 10194284.5 | 2011-Mar-30 | EP 2302983 | | | 2027-Dec-07 | |
| EP | 2007-Dec-17 | 07849526.4 | 2009-Sep-02 | EP 2095353 | 2019-May-01 | 2095353 | 2027-Dec-17 | |
| EP | 2008-Mar-12 | 08731957.0 | | | 2018-Aug-01 | 2135487 | | |
| EP | 2008-Mar-12 | 08743813.1 | | | | | | |
| EP | 2008-Mar-12 | 18185781.4 | 2019-Apr-17 | EP 3471513 | | | | |
| EP | 2008-Apr-23 | 08737957.4 | 2010-Jan-20 | EP 2145508 | 2018-Aug-15 | 2145508 | 2028-Apr-23 | |
| EP | 2008-Apr-23 | 18188301.8 | 2019-Apr-10 | EP 3468303 | | | | |
| EP | 2008-May-01 | 14195242.4 | 2015-Apr-22 | EP 2863104 | | | | |
| EP | 2008-May-02 | 08747545.5 | 2010-Feb-17 | EP 2153115 | | | 2028-May-02 | |
| EP | 2008-Jun-30 | 08789176.8 | 2010-Mar-24 | EP 2165576 | 2018-Aug-08 | 2165576 | 2028-Jun-30 | |
| EP | 2008-Dec-16 | 08862035.6 | 2010-Oct-06 | EP 2235589 | 2018-Jul-25 | 2235589 | 2028-Dec-16 | |
| EP | 2009-Apr-03 | 09728346.9 | 2011-Jan-26 | EP 2277355 | | | 2029-Apr-03 | |
| EP | 2009-May-20 | 09754264.1 | 2011-Feb-23 | EP 2286288 | | | 2029-May-20 | |
| EP | 2009-Jun-12 | 09761216.2 | 2011-Mar-02 | EP 2288848 | 2018-Dec-26 | 2288848 | 2029-Jun-12 | |
| EP | 2009-Sep-02 | 18205881.8 | | | | | | |
| EP | 2009-Sep-02 | 09787073.7 | 2011-Jun-15 | EP 2332392 | 2018-Nov-14 | 2332392 | 2029-Sep-02 | |
| EP | 2009-Nov-03 | 09759792.6 | 2011-Jul-27 | EP 2347172 | | | 2029-Nov-03 | |
| EP | 2010-Apr-23 | 10717845.1 | 2012-Mar-21 | EP 2427688 | | | 2030-Apr-23 | |
| EP | 2010-May-05 | 10719619.8 | 2012-Mar-28 | EP 2433471 | 2018-Jul-18 | 2433471 | 2030-May-05 | |
| EP | 2010-Jun-22 | 10731600.2 | 2012-May-02 | EP 2446708 | 2019-Mar-27 | 2446708 | 2030-Jun-22 | |
| EP | 2010-Jul-07 | 10800332.8 | 2012-Jul-04 | EP 2471057 | | | | |
| EP | 2010-Aug-18 | 10760766.5 | 2012-Jul-04 | EP 2471344 | 2013-Aug-07 | 2471344 | 2030-Aug-18 | |
| EP | 2010-Aug-30 | 10760770.7 | 2012-Jul-11 | EP 2473773 | 2018-Oct-17 | 2473773 | 2030-Aug-30 | |
| EP | 2010-Sep-29 | 10765686.0 | 2012-Aug-15 | EP 2486605 | 2017-Sep-13 | 2486605 | 2030-Sep-29 | |
| EP | 2010-Nov-22 | 10793052.1 | 2012-Oct-24 | EP 2513552 | | | 2030-Nov-22 | |
| EP | 2011-Feb-28 | 11713358.7 | 2013-Jan-09 | EP 2542826 | 2018-Oct-24 | 2542826 | 2031-Feb-28 | |
| EP | 2011-Apr-01 | 11719657.6 | 2013-Feb-13 | EP 2556294 | 2015-Mar-25 | 2556294 | 2031-Apr-01 | |
| EP | 2011-Nov-15 | 18153789.5 | 2018-Jul-18 | EP 3349544 | | | | |
| EP | 2011-Nov-15 | 19154669.6 | | | | | | |
| EP | 2011-Nov-16 | 11794283.9 | | | 2019-Jan-09 | 2681969 | | |
| EP | 2012-Mar-16 | 12711276.1 | 2014-Feb-05 | EP 2691697 | | | 2032-Mar-16 | |
| EP | 2012-Mar-22 | 12712759.5 | 2014-Feb-05 | EP 2691698 | | | 2032-Mar-22 | |
| EP | 2012-Mar-27 | 12715184.3 | 2014-Feb-05 | EP 2692208 | | | 2032-Mar-27 | |
| EP | 2012-Aug-02 | 12772433.4 | 2014-Jun-25 | EP 2745621 | | | 2032-Aug-02 | |
| EP | 2012-Oct-05 | 12795854.4 | 2014-Jul-02 | EP 2748975 | 2019-Apr-03 | 2748975 | 2032-Oct-05 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------|-------------|-----------|-------------|-------------------|
| EP | 2012-Oct-19 | 12841485.1 | 2014-Aug-27 | EP 2769142 | 2018-Feb-21 | 2769142 | 2032-Oct-19 | |
| EP | 2012-Nov-09 | 12795950.0 | | | | | | |
| EP | 2012-Dec-11 | 12820908.7 | 2014-Jul-02 | EP 2748688 | 2019-Feb-20 | 2748688 | 2031-Dec-13 | |
| EP | 2013-Jan-02 | 13706061.2 | 2014-Nov-12 | EP 2801241 | | | 2033-Jan-02 | |
| EP | 2013-Jan-18 | 13707716.0 | 2014-Dec-10 | EP 2810532 | | | 2033-Jan-18 | |
| EP | 2013-Jan-25 | 13710564.9 | 2014-Dec-10 | EP 2810534 | | | 2033-Jan-25 | |
| EP | 2013-Feb-22 | 13717316.7 | 2014-Dec-17 | EP 2823691 | 2019-Apr-10 | 2823691 | | |
| EP | 2013-Feb-22 | 19162825.4 | | | | | | |
| EP | 2013-Apr-02 | 13722565.2 | 2015-Feb-11 | EP 2835033 | | | | |
| EP | 2013-Apr-25 | 13727651.5 | 2015-Mar-11 | EP 2845445 | | | | |
| EP | 2013-Apr-26 | 13727386.8 | 2015-Mar-18 | EP 2848091 | 2018-Nov-28 | 2848091 | | |
| EP | 2013-Jul-10 | 13765478.6 | 2015-May-20 | EP 2873310 | 2019-Feb-27 | 2873310 | | |
| EP | 2013-Jul-12 | 13765494.3 | 2015-May-20 | EP 2873299 | 2019-Jan-09 | 2873299 | | |
| EP | 2013-Jul-24 | 13745301.5 | | | 2018-Dec-12 | 2878171 | | |
| EP | 2014-Apr-02 | 14718773.6 | 2016-Feb-10 | EP 2982221 | | | | |
| EP | 2014-Oct-14 | 14793310.5 | 2016-Aug-24 | EP 3058794 | 2018-Aug-29 | 3058794 | | |
| EP | 2014-Nov-12 | EP14799386.9 | 2016-Sep-28 | EP 3072359 | 2019-Mar-20 | 3072359 | | |
| EP | 2015-Jun-19 | 15731288.5 | 2017-May-03 | 3162169-A | | | | |
| EP | 2015-Jun-24 | EP15731323.0 | 2017-May-10 | 3164928-A | | | | |
| EP | 2015-Sep-25 | 15774889.8 | 2017-Aug-16 | EP 3205184 | | | | |
| EP | 2015-Nov-03 | 15790913.6 | 2017-Sep-13 | EP 3216317 | | | | |
| EP | 2016-Apr-04 | 16713475.8 | 2018-Feb-14 | EP 3281270 | 2019-Jan-09 | 3281270 | | |
| EP | 2016-Apr-20 | 16721678.7 | 2017-Dec-27 | EP 3259959 | 2018-Jun-20 | 3259959 | | |
| EP | 2016-Nov-22 | 16798529.0 | 2018-Oct-03 | EP 3381242 | | | | |
| ES | 1998-Jan-22 | 98900141.7 | 1999-Jan-13 | EP 0890059 | 2004-Jun-23 | 0890059 | 2018-Jan-22 | |
| ES | 1998-Jul-28 | 98937339.4 | 2000-May-17 | EP 1000295 | 2014-Jul-23 | 1000295 | 2018-Jul-28 | |
| ES | 1998-Aug-26 | 01130297.3 | 2002-Apr-10 | EP 1195740 | 2017-Nov-22 | 1195740 | 2018-Aug-26 | |
| ES | 1998-Aug-26 | 98944539.0 | | EP 1016062 | 2002-Aug-07 | 1016062 | 2018-Aug-26 | |
| ES | 1998-Dec-17 | 98964035.4 | 1999-Jun-24 | EP 1040398 | 2018-Feb-21 | 1040398 | 2018-Dec-17 | |
| ES | 1999-Sep-03 | 03011110.8 | 2004-Feb-25 | EP 1391650 | 2014-Feb-26 | 1391650 | 2019-Sep-03 | |
| ES | 1999-Sep-08 | 99969780.8 | 2000-Nov-02 | EP 1047904 | 2013-Apr-24 | 1047904 | 2019-Sep-08 | |
| ES | 1999-Sep-17 | 99948820.8 | | EP 1046196 | 2008-Jan-16 | 1046196 | 2019-Sep-17 | |
| ES | 2000-Apr-06 | 00926827.7 | 2001-Apr-04 | EP 1088350 | 2011-Nov-23 | 1088350 | 2020-Apr-06 | |
| ES | 2000-Jun-22 | 00947862.9 | | EP 1108180 | 2008-Jul-30 | 1108180 | 2020-Jun-22 | |
| ES | 2000-Jul-14 | 09160257.3 | | EP 2139299 | 2011-Mar-02 | 2139299 | 2020-Jul-14 | |
| ES | 2000-Jul-14 | 00950360.8 | 2002-Jul-24 | EP 1224845 | 2005-Nov-02 | 1224845 | 2020-Jul-14 | |
| ES | 2000-Jul-14 | 05077467.8 | | EP 1624728 | 2009-May-06 | 1624728 | 2020-Jul-14 | |
| ES | 2000-Nov-20 | 05076817.5 | 2005-Dec-28 | EP 1610593 | 2015-Jul-08 | 1610593 | 2020-Nov-20 | |
| ES | 2000-Nov-20 | 00980578.9 | 2002-Aug-28 | EP 1234140 | 2005-Aug-10 | 1234140 | 2020-Nov-20 | |
| ES | 2000-Dec-01 | 00126263.3 | 2001-Jun-13 | EP 1106915 | 2002-Sep-25 | 21185535 | 2020-Dec-01 | |
| ES | 2001-Apr-24 | 03028671.0 | | EP 1422975 | 2010-Apr-14 | 1422975 | 2021-Apr-24 | |
| ES | 2001-Apr-24 | 07075990.7 | 2008-Feb-13 | EP 1887836 | 2012-Mar-07 | 1887836 | 2021-Apr-24 | |
| ES | 2001-Jun-21 | 10182095.9 | 2011-Sep-07 | EP 2364067 | 2013-Dec-11 | 2364067 | 2021-Jun-21 | |
| ES | 2001-Jun-21 | 01948546.5 | 2003-Mar-26 | EP 1295515 | 2011-Dec-28 | 1295515 | 2021-Jun-21 | |
| ES | 2001-Aug-14 | 01203099.5 | | EP 1182396 | 2009-Oct-14 | 1182396 | 2021-Aug-14 | |
| ES | 2001-Aug-31 | 01120981.4 | 2002-Mar-06 | EP 1183964 | 2003-Nov-05 | 2210074 | 2021-Aug-31 | |
| ES | 2001-Oct-25 | 01997118.3 | | EP 1337784 | 2009-Jun-17 | 1337784 | 2021-Oct-25 | |
| ES | 2001-Dec-20 | 01994819.9 | | EP 1399692 | 2008-Nov-05 | 1399692 | 2021-Dec-21 | |
| ES | 2002-May-10 | 02734387.0 | 2004-Feb-11 | EP 1388276 | 2011-Aug-10 | 1388276 | 2022-May-10 | |
| ES | 2002-May-30 | 02739485.7 | | EP 1393599 | 2010-May-05 | 1393599 | 2022-May-30 | |
| ES | 2002-Jun-21 | 02738518.6 | | EP 1405551 | 2008-Dec-10 | 1405551 | 2022-Jun-21 | |
| ES | 2002-Jul-23 | 02755430.2 | 2004-May-06 | EP 1415345 | 2014-Apr-23 | 1415345 | 2022-Jul-23 | |
| ES | 2002-Sep-17 | 02773430.0 | 2004-Jun-16 | EP 1428415 | 2012-Jul-18 | 1428415 | 2022-Sep-17 | |
| ES | 2002-Dec-19 | 02796002.0 | 2004-Sep-22 | EP 1459600 | 2014-Feb-26 | 1459600 | 2022-Dec-19 | |
| ES | 2003-Aug-28 | 03791823.2 | | EP 1535495 | 2010-Jan-13 | 1535495 | 2023-Aug-28 | |
| ES | 2003-Nov-11 | 03758604.7 | | EP 1568255 | 2010-Mar-03 | 1568255 | 2023-Nov-11 | |
| ES | 2003-Dec-11 | 03813686.7 | 2005-Sep-28 | EP 1579735 | 2016-Mar-09 | 1579735 | 2023-Dec-11 | |
| ES | 2003-Dec-11 | 03777081.5 | | EP 1576858 | 2008-Dec-03 | 1576858 | 2023-Dec-11 | |
| ES | 2004-Sep-21 | 04770043.0 | 2006-Jun-14 | EP 1668622 | 2017-Apr-26 | 1668622 | 2024-Sep-21 | |
| ES | 2004-Nov-22 | 04811765.9 | | EP 1687692 | 2010-Apr-28 | 1687692 | 2024-Nov-22 | |
| ES | 2005-Jun-23 | 05759404.6 | 2007-Apr-25 | EP 1776628 | 2011-Nov-30 | 1776628 | 2025-Jun-23 | |
| ES | 2005-Jun-28 | 05752840.8 | 2007-Mar-28 | EP 1767065 | 2014-Jun-04 | 1767065 | 2025-Jun-28 | |
| ES | 2005-Aug-02 | 05772133.4 | 2007-May-09 | EP 1782660 | 2011-Oct-12 | 1782660 | 2025-Aug-02 | |
| ES | 2005-Aug-18 | 05776896.2 | 2007-Jun-13 | EP 1794811 | 2011-Jun-29 | 1794811 | 2025-Aug-18 | |
| ES | 2005-Sep-19 | 14162998.0 | 2014-Oct-15 | EP 2789894 | 2018-Dec-12 | 2789894 | 2025-Sep-19 | |
| ES | 2005-Sep-19 | 05783602.5 | 2007-Jul-11 | EP 1805452 | 2014-Apr-23 | 1805452 | 2025-Sep-19 | |
| ES | 2005-Oct-12 | 05791339.4 | 2007-Jun-27 | EP 1800401 | 2012-Apr-04 | 1800401 | 2025-Oct-12 | |
| ES | 2005-Nov-09 | 05809900.3 | | EP 1815536 | 2011-Feb-09 | 1815536 | 2025-Nov-09 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------|-------------|-----------|-------------|-------------------|
| ES | 2005-Nov-23 | 05810845.7 | 2007-Aug-29 | EP 1825717 | 2014-Jan-08 | 1825717 | 2025-Nov-23 | |
| ES | 2005-Dec-02 | 05815525.0 | | | 2017-Oct-04 | 1842399 | 2025-Dec-02 | |
| ES | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| ES | 2006-Apr-03 | 06716702.3 | 2007-Nov-29 | EP 1869365 | 2013-Jun-12 | 1869365 | 2026-Apr-03 | |
| ES | 2006-Apr-19 | 06727966.1 | 2006-Nov-02 | EP 1878319 | 2011-Nov-02 | 1878319 | 2026-Apr-19 | |
| ES | 2006-May-08 | 06770064.1 | 2008-Oct-29 | EP 1984667 | 2017-Aug-23 | 1984667 | 2026-May-08 | |
| ES | 2006-May-11 | 06744912.4 | 2008-Feb-20 | EP 1889518 | 2011-Dec-14 | 1889518 | 2026-May-11 | |
| ES | 2006-May-24 | 06765708.0 | | EP 1889519 | 2009-Mar-18 | 1889519 | 2026-May-24 | |
| ES | 2006-Jul-05 | 06766007.6 | 2008-Apr-02 | EP 1905273 | 2012-Apr-18 | 1905273 | 2026-Jul-05 | |
| ES | 2006-Sep-15 | 06821092.1 | 2008-Jun-18 | EP 1932178 | 2012-Feb-08 | 1932178 | 2026-Sep-15 | |
| ES | 2006-Oct-02 | 06809462.2 | 2008-Jun-25 | EP 1935085 | 2012-Mar-28 | 1935085 | 2026-Oct-02 | |
| ES | 2006-Oct-11 | 11173044.6 | 2011-Nov-30 | EP 2390866 | 2016-Sep-28 | 2390866 | 2026-Oct-11 | |
| ES | 2006-Oct-11 | 14166066.2 | 2014-Sep-17 | EP 2779146 | 2017-Jul-26 | 2779146 | 2026-Oct-11 | |
| ES | 2006-Oct-11 | 06812715.8 | | EP 1938298 | 2012-Jun-13 | 1938298 | 2026-Oct-11 | |
| ES | 2006-Nov-13 | 06821415.4 | 2008-Aug-06 | EP 1952055 | 2019-Jan-09 | 1952055 | 2026-Nov-13 | |
| ES | 2006-Dec-11 | 06832203.1 | | EP 1963735 | 2010-Sep-29 | 1963735 | 2026-Dec-11 | |
| ES | 2006-Dec-12 | 06842457.1 | 2008-Sep-03 | EP 1964449 | 2014-Jul-23 | 1964449 | 2026-Dec-12 | |
| ES | 2006-Dec-13 | 06842469.6 | 2008-Sep-10 | EP 1966624 | 2011-Jun-29 | 1966624 | 2026-Dec-13 | |
| ES | 2006-Dec-13 | 11155525.6 | 2011-May-25 | EP 2325670 | 2017-Oct-25 | 2325670 | 2026-Dec-13 | |
| ES | 2007-Jan-03 | 07716200.6 | 2008-Sep-24 | EP 1972183 | 2015-Mar-18 | 1972183 | 2027-Jan-03 | |
| ES | 2007-Mar-02 | 07713186.0 | 2008-Dec-03 | EP 1997352 | 2018-Oct-24 | 1997352 | 2027-Mar-02 | |
| ES | 2007-Apr-20 | 07735597.2 | 2009-Jan-21 | EP 2016804 | 2011-Jun-29 | 2016804 | 2027-Apr-20 | |
| ES | 2007-May-02 | 07735739.0 | 2009-Jan-28 | EP 2018795 | 2016-Dec-14 | 2018795 | 2027-May-02 | |
| ES | 2007-May-31 | 07736055.0 | 2009-Mar-04 | EP 2030483 | 2015-Oct-21 | 2030483 | 2027-May-31 | |
| ES | 2007-Jun-19 | 07789721.3 | 2009-Mar-25 | EP 2039069 | 2017-Apr-05 | 2039069 | 2027-Jun-19 | |
| ES | 2007-Jun-20 | 07789748.6 | 2009-Mar-25 | EP 2039227 | 2018-Mar-21 | 2039227 | 2027-Jun-20 | |
| ES | 2007-Jul-05 | 07825886.0 | | EP 2052181 | 2010-Mar-31 | 2052181 | 2027-Jul-05 | |
| ES | 2007-Aug-09 | 07836669.7 | 2009-Nov-18 | EP 2119318 | 2013-Oct-16 | 2119318 | 2027-Aug-09 | |
| ES | 2007-Sep-20 | 07826476.9 | | EP 2074866 | 2011-Mar-02 | 2074866 | 2027-Sep-20 | |
| ES | 2007-Oct-12 | 07826733.3 | 2009-Jul-29 | EP 2082167 | 2017-Feb-22 | 2082167 | 2027-Oct-12 | |
| ES | 2007-Oct-19 | 07861452.6 | 2009-Aug-12 | EP 2087776 | 2014-Dec-10 | 2087776 | 2027-Oct-19 | |
| ES | 2007-Oct-31 | 07816094.2 | 2009-Aug-12 | EP 2087772 | 2017-Sep-06 | 2087772 | 2027-Oct-31 | |
| ES | 2007-Nov-06 | 07826984.2 | | EP 2082620 | 2010-Jul-28 | 2082620 | 2027-Nov-06 | |
| ES | 2007-Nov-09 | 07840007.4 | | EP 2082621 | 2010-Jul-14 | 2082621 | 2027-Nov-09 | |
| ES | 2007-Nov-27 | 07849266.7 | 2009-Aug-26 | EP 2092669 | 2013-Jun-26 | 2092669 | 2027-Nov-27 | |
| ES | 2007-Nov-27 | 07862228.9 | 2009-Aug-19 | EP 2089656 | 2011-Mar-02 | 2089656 | 2027-Nov-27 | |
| ES | 2007-Dec-07 | 07849372.3 | 2009-Sep-23 | EP 2103190 | 2012-Oct-17 | 2103190 | 2027-Dec-07 | |
| ES | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | | |
| ES | 2008-Mar-19 | 08719767.9 | | EP 2126463 | 2010-Oct-27 | 2126463 | 2028-Mar-19 | |
| ES | 2008-Mar-31 | 08737675.2 | 2010-Jan-13 | EP 2143303 | 2012-Aug-08 | 2143303 | 2028-Mar-31 | |
| ES | 2008-Apr-04 | 08737714.9 | | EP 2135005 | 2010-Oct-06 | 2135005 | 2028-Apr-04 | |
| ES | 2008-Apr-23 | 08737957.4 | 2010-Jan-20 | EP 2145508 | 2018-Aug-15 | 2145508 | 2028-Apr-23 | |
| ES | 2008-May-01 | 14195242.4 | 2015-Apr-22 | EP 2863104 | | | | |
| ES | 2008-May-05 | 08738079.6 | 2010-Jan-27 | EP 2147349 | 2013-Jul-17 | 2147349 | 2028-May-05 | |
| ES | 2008-Jun-23 | 08763422.6 | 2010-Mar-17 | EP 2163132 | 2013-Oct-09 | 2163132 | 2028-Jun-23 | |
| ES | 2008-Aug-14 | 08789608.0 | | EP 2181565 | 2011-Apr-27 | 2181565 | 2028-Aug-14 | |
| ES | 2008-Oct-08 | 15170674.4 | 2016-Aug-03 | EP 3051586 | 2018-Feb-21 | 3051586 | 2028-Oct-08 | |
| ES | 2008-Dec-29 | 08870459.8 | 2010-Sep-22 | EP 2229803 | 2011-Oct-26 | 2229803 | 2028-Dec-29 | |
| ES | 2009-Jun-12 | 09761216.2 | 2011-Mar-02 | EP 2288848 | 2018-Dec-26 | 2288848 | 2029-Jun-12 | |
| ES | 2009-Jul-10 | 09786561.2 | 2011-Mar-23 | EP 2297516 | 2012-Feb-22 | 2297516 | 2029-Jul-10 | |
| ES | 2009-Jul-22 | 09786669.3 | 2011-May-04 | EP 2316251 | 2012-May-09 | 2316251 | 2029-Jul-22 | |
| ES | 2009-Sep-02 | 09787073.7 | 2011-Jun-15 | EP 2332392 | 2018-Nov-14 | 2332392 | 2029-Sep-02 | |
| ES | 2009-Sep-04 | 09787096.8 | 2011-Jun-01 | EP 2326869 | 2016-Jun-29 | 2326869 | 2029-Sep-04 | |
| ES | 2009-Nov-12 | 09760323.7 | 2011-Aug-24 | EP 2359052 | 2016-Feb-10 | 2359052 | 2029-Nov-12 | |
| ES | 2009-Nov-30 | 09774962.6 | 2011-Nov-16 | EP 2386044 | 2015-Jul-29 | 2386044 | 2029-Nov-30 | |
| ES | 2010-Mar-15 | 10712534.6 | 2012-Feb-01 | EP 2412209 | 2018-Feb-21 | 2412209 | 2030-Mar-15 | |
| ES | 2010-Apr-01 | 13165685.2 | 2013-Aug-21 | EP 2629491 | 2014-Sep-17 | 2629491 | 2030-Apr-01 | |
| ES | 2010-May-05 | 10719619.8 | 2012-Mar-28 | EP 2433471 | 2018-Jul-18 | 2433471 | 2030-May-05 | |
| ES | 2010-May-21 | 10726288.3 | 2012-Apr-04 | EP 2435753 | 2013-May-15 | 2435753 | 2030-May-21 | |
| ES | 2010-May-21 | 13165765.2 | 2013-Aug-07 | EP 2623846 | 2016-Jul-20 | 2623846 | 2030-May-21 | |
| ES | 2010-Jun-11 | 10730223.4 | 2012-Apr-25 | EP 2443387 | 2016-Mar-02 | 2443387 | 2030-Jun-11 | |
| ES | 2010-Jun-14 | 10732438.6 | 2012-Apr-25 | EP 2443380 | 2014-Sep-10 | 2443380 | 2030-Jun-14 | |
| ES | 2010-Jun-22 | 10731600.2 | 2012-May-02 | EP 2446708 | 2019-Mar-27 | 2446708 | 2030-Jun-22 | |
| ES | 2010-Jul-14 | 10740369.3 | 2012-May-30 | EP 2457415 | 2014-Feb-26 | 2457415 | 2030-Jul-14 | |
| ES | 2010-Jul-19 | 10740379.2 | 2012-May-30 | EP 2457418 | 2013-Jan-16 | 2457418 | 2030-Jul-19 | |
| ES | 2010-Sep-01 | 10757276.0 | 2012-Jul-11 | EP 2474201 | 2017-Jun-28 | 2474201 | 2030-Sep-01 | |
| ES | 2011-Feb-28 | 11713358.7 | 2013-Jan-09 | EP 2542826 | 2018-Oct-24 | 2542826 | 2031-Feb-28 | |
| ES | 2011-Jun-16 | 11754735.6 | 2013-Apr-24 | EP 2583536 | 2015-Feb-11 | 2583536 | 2031-Jun-16 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------|-------------|-----------|-------------|-------------------|
| ES | 2011-Aug-05 | 11754507.9 | 2013-Jul-10 | EP 2612463 | 2014-Apr-16 | 2612463 | 2031-Aug-05 | |
| ES | 2011-Nov-15 | 11799321.2 | 2013-Oct-02 | EP 2644006 | 2018-Mar-28 | 2644006 | 2031-Nov-15 | |
| ES | 2011-Nov-16 | 11794283.9 | | | 2019-Jan-09 | 2681969 | | |
| ES | 2012-Oct-19 | 12841485.1 | 2014-Aug-27 | EP 2769142 | 2018-Feb-21 | 2769142 | 2032-Oct-19 | |
| ES | 2012-Oct-19 | 12808477.9 | 2014-Jun-25 | EP 2745626 | 2017-May-10 | 2745626 | 2032-Oct-19 | |
| ES | 2012-Oct-29 | 12812346.0 | 2014-Jul-09 | EP 2752090 | 2018-Jan-03 | 2752090 | 2032-Oct-29 | |
| ES | 2013-Jan-02 | 13703878.2 | 2014-Aug-06 | EP 2761978 | 2016-Apr-06 | 2761978 | 2033-Jan-02 | |
| ES | 2013-Feb-22 | 13717316.7 | 2014-Dec-17 | EP 2823691 | 2019-Apr-10 | 2823691 | | |
| ES | 2013-Apr-26 | 13727386.8 | 2015-Mar-18 | EP 2848091 | 2018-Nov-28 | 2848091 | | |
| ES | 2013-May-22 | 13736961.7 | 2015-Apr-08 | EP 2856490 | 2016-Mar-09 | 2856490 | 2033-May-22 | |
| ES | 2013-Jul-12 | 13765494.3 | 2015-May-20 | EP 2873299 | 2019-Jan-09 | 2873299 | | |
| ES | 2013-Sep-17 | 13799377.0 | 2015-Jul-29 | EP 2898265 | 2016-Dec-07 | 2898265 | 2033-Sep-17 | |
| ES | 2014-Mar-05 | 14709902.2 | 2016-Jan-27 | EP 2976567 | 2017-May-10 | 2976567 | 2034-Mar-05 | |
| ES | 2014-Jun-04 | 14728546.4 | 2016-Apr-13 | EP 3005834 | 2018-Mar-21 | 3005834 | 2034-Jun-04 | |
| ES | 2014-Jul-09 | 14738810.2 | 2016-Jun-08 | EP | 2017-Feb-22 | 3028541 | 2034-Jul-09 | |
| ES | 2014-Jul-23 | 14741900.6 | 2016-Jun-08 | EP 3028543 | 2018-Jan-17 | 3028543 | 2034-Jul-23 | |
| ES | 2014-Oct-14 | 14793310.5 | 2016-Aug-24 | EP 3058794 | 2018-Aug-29 | 3058794 | 2034-Oct-14 | |
| ES | 2015-Feb-23 | EP15706017.9 | 2016-Aug-31 | EP | 2017-Apr-12 | 3061320 | 2035-Feb-23 | |
| FI | 1999-Sep-03 | 03011110.8 | 2004-Feb-25 | EP 1391650 | 2014-Feb-26 | 1391650 | 2019-Sep-03 | |
| FI | 2000-Nov-20 | 05076817.5 | 2005-Dec-28 | EP 1610593 | 2015-Jul-08 | 1610593 | 2020-Nov-20 | |
| FI | 2001-Apr-24 | 03028671.0 | | EP 1422975 | 2010-Apr-14 | 1422975 | 2021-Apr-24 | |
| FI | 2001-Apr-24 | 07075990.7 | 2008-Feb-13 | EP 1887836 | 2012-Mar-07 | 1887836 | 2021-Apr-24 | |
| FI | 2002-Jun-21 | 02738518.6 | | EP 1405551 | 2008-Dec-10 | 1405551 | 2022-Jun-21 | |
| FI | 2003-Aug-28 | 03791823.2 | | EP 1535495 | 2010-Jan-13 | 1535495 | 2023-Aug-28 | |
| FI | 2005-Sep-19 | 14162998.0 | 2014-Oct-15 | EP 2789894 | 2018-Dec-12 | 2789894 | 2025-Sep-19 | |
| FI | 2005-Dec-02 | 05815525.0 | | | 2017-Oct-04 | 1842399 | 2025-Dec-02 | |
| FI | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| FI | 2006-May-24 | 06765708.0 | | EP 1889519 | 2009-Mar-18 | 1889519 | 2026-May-24 | |
| FI | 2006-Oct-11 | 06812715.8 | | EP 1938298 | 2012-Jun-13 | 1938298 | 2026-Oct-11 | |
| FI | 2006-Oct-11 | 11173044.6 | 2011-Nov-30 | EP 2390866 | 2016-Sep-28 | 2390866 | 2026-Oct-11 | |
| FI | 2006-Oct-11 | 14166066.2 | 2014-Sep-17 | EP 2779146 | 2017-Jul-26 | 2779146 | 2026-Oct-11 | |
| FI | 2007-Mar-02 | 07713186.0 | 2008-Dec-03 | EP 1997352 | 2018-Oct-24 | 1997352 | 2027-Mar-02 | |
| FI | 2007-Apr-20 | 07735597.2 | 2009-Jan-21 | EP 2016804 | 2011-Jun-29 | 2016804 | 2027-Apr-20 | |
| FI | 2007-Sep-20 | 07826476.9 | | EP 2074866 | 2011-Mar-02 | 2074866 | 2027-Sep-20 | |
| FI | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | | |
| FI | 2008-Apr-23 | 08737957.4 | 2010-Jan-20 | EP 2145508 | 2018-Aug-15 | 2145508 | 2028-Apr-23 | |
| FI | 2010-Apr-08 | U20114182 | 2011-Dec-02 | | 2012-Jan-27 | 9546 | | |
| FI | 2010-Jun-11 | 10730223.4 | 2012-Apr-25 | EP 2443387 | 2016-Mar-02 | 2443387 | 2030-Jun-11 | |
| FI | 2011-Feb-28 | 11713358.7 | 2013-Jan-09 | EP 2542826 | 2018-Oct-24 | 2542826 | 2031-Feb-28 | |
| FI | 2011-Nov-16 | 11794283.9 | | | 2019-Jan-09 | 2681969 | | |
| FI | 2012-Oct-19 | 12841485.1 | 2014-Aug-27 | EP 2769142 | 2018-Feb-21 | 2769142 | 2032-Oct-19 | |
| FI | 2013-Feb-22 | 13717316.7 | 2014-Dec-17 | EP 2823691 | 2019-Apr-10 | 2823691 | | |
| FI | 2013-Jul-12 | 13765494.3 | 2015-May-20 | EP 2873299 | 2019-Jan-09 | 2873299 | | |
| FI | 2014-Jun-04 | 14728546.4 | 2016-Apr-13 | EP 3005834 | 2018-Mar-21 | 3005834 | 2034-Jun-04 | |
| FI | 2014-Jul-23 | 14741900.6 | 2016-Jun-08 | EP 3028543 | 2018-Jan-17 | 3028543 | 2034-Jul-23 | |
| FR | 1997-Aug-08 | 97932965.3 | | EP 0870384 | 2005-Nov-09 | 0870384 | 2017-Aug-08 | |
| FR | 1997-Sep-08 | 97936833.9 | 1998-Sep-16 | EP 0864064 | 2002-Dec-04 | 0864064 | 2017-Sep-08 | |
| FR | 1998-Jan-22 | 98900141.7 | 1999-Jan-13 | EP 0890059 | 2004-Jun-23 | 0890059 | 2018-Jan-22 | |
| FR | 1998-Jul-14 | 98935809.8 | | EP 1021817 | 2013-Nov-20 | 1021817 | 2018-Jul-14 | |
| FR | 1998-Jul-16 | 98929590.2 | 1999-Jul-21 | EP 0929992 | 2003-Aug-06 | 0929992 | 2018-Jul-16 | |
| FR | 1998-Jul-16 | 98929597.7 | 1999-Jul-21 | EP 0929993 | 2004-Oct-06 | 0929993 | 2018-Jul-16 | |
| FR | 1998-Jul-27 | 98932457.9 | 1999-Jul-21 | EP 0929994 | 2003-Jul-02 | 0929994 | 2018-Jul-27 | |
| FR | 1998-Jul-28 | 98937339.4 | 2000-May-17 | EP 1000295 | 2014-Jul-23 | 1000295 | 2018-Jul-28 | |
| FR | 1998-Aug-26 | 98944539.0 | | EP 1016062 | 2002-Aug-07 | 1016062 | 2018-Aug-26 | |
| FR | 1998-Aug-26 | 01130297.3 | 2002-Apr-10 | EP 1195740 | 2017-Nov-22 | 1195740 | 2018-Aug-26 | |
| FR | 1998-Dec-17 | 98964035.4 | 1999-Jun-24 | EP 1040398 | 2018-Feb-21 | 1040398 | 2018-Dec-17 | |
| FR | 1999-Jun-17 | 99922465.2 | 2000-Sep-13 | EP 1034690 | 2003-Oct-29 | 1034690 | 2019-Jun-17 | |
| FR | 1999-Sep-03 | 99943116.6 | | EP 1110198 | 2003-Nov-05 | 1110198 | 2019-Sep-03 | |
| FR | 1999-Sep-03 | 03011110.8 | 2004-Feb-25 | EP 1391650 | 2014-Feb-26 | 1391650 | 2019-Sep-03 | |
| FR | 1999-Sep-08 | 99969780.8 | 2000-Nov-02 | EP 1047904 | 2013-Apr-24 | 1047904 | 2019-Sep-08 | |
| FR | 1999-Sep-17 | 99948820.8 | | EP 1046196 | 2008-Jan-16 | 1046196 | 2019-Sep-17 | |
| FR | 1999-Sep-24 | 99948955.2 | | EP 1048085 | 2007-Nov-14 | 1048085 | 2019-Sep-24 | |
| FR | 1999-Dec-02 | 99962235.0 | 2000-Dec-06 | EP 1056993 | 2003-Mar-26 | 1056993 | 2019-Dec-02 | |
| FR | 2000-Mar-10 | 00914124.3 | | EP 1082572 | 2007-Apr-18 | 1082572 | 2020-Mar-10 | |
| FR | 2000-Apr-06 | 00926827.7 | 2001-Apr-04 | EP 1088350 | 2011-Nov-23 | 1088350 | 2020-Apr-06 | |
| FR | 2000-Jun-22 | 00947862.9 | | EP 1108180 | 2008-Jul-30 | 1108180 | 2020-Jun-22 | |
| FR | 2000-Jul-14 | 00950360.8 | 2002-Jul-24 | EP 1224845 | 2005-Nov-02 | 1224845 | 2020-Jul-14 | |
| FR | 2000-Jul-14 | 05077467.8 | | EP 1624728 | 2009-May-06 | 1624728 | 2020-Jul-14 | |

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------|-------------|-----------|-------------|-------------------|
| FR | 2000-Jul-14 | 09160257.3 | | EP 2139299 | 2011-Mar-02 | 2139299 | 2020-Jul-14 | |
| FR | 2000-Aug-07 | 00958400.4 | | EP 1125085 | 2007-Nov-21 | 1125085 | 2020-Aug-07 | |
| FR | 2000-Sep-15 | 00964189.5 | 2001-Oct-04 | EP 1138177 | 2004-Dec-01 | 1138177 | 2020-Sep-15 | |
| FR | 2000-Oct-10 | 00972733.0 | 2001-Oct-10 | EP 1142452 | 2004-Mar-10 | 1142452 | 2020-Oct-10 | |
| FR | 2000-Oct-12 | 00972760.3 | 2001-Oct-31 | EP 1149510 | 2003-Feb-12 | 1149510 | 2020-Oct-12 | |
| FR | 2000-Oct-12 | 00967866.5 | 2001-Oct-17 | EP 1145602 | 2004-Mar-10 | 1145602 | 2020-Oct-12 | |
| FR | 2000-Nov-17 | 15168713.4 | 2015-Nov-04 | EP 2940732 | 2017-Jan-25 | 2940732 | 2020-Nov-17 | |
| FR | 2000-Nov-17 | 00979608.7 | 2001-Nov-21 | EP 1155455 | 2015-Aug-26 | 1155455 | 2020-Nov-17 | |
| FR | 2000-Nov-20 | 00980578.9 | 2002-Aug-28 | EP 1234140 | 2005-Aug-10 | 1234140 | 2020-Nov-20 | |
| FR | 2000-Nov-20 | 05076817.5 | 2005-Dec-28 | EP 1610593 | 2015-Jul-08 | 1610593 | 2020-Nov-20 | |
| FR | 2000-Dec-01 | 00126263.3 | 2001-Jun-13 | EP 1106915 | 2002-Sep-25 | 1106915 | 2020-Dec-01 | |
| FR | 2000-Dec-01 | 00126262.5 | 2001-Jun-13 | EP 1106914 | 2002-Sep-11 | 1106914 | 2020-Dec-01 | |
| FR | 2000-Dec-14 | 00981374.2 | | EP 1161754 | 2006-Sep-06 | 1161754 | 2020-Dec-14 | |
| FR | 2000-Dec-18 | 00985192.4 | | EP 1159563 | 2007-Feb-28 | 1159563 | 2020-Dec-18 | |
| FR | 2001-Jan-08 | 01907413.7 | | EP 1166604 | 2006-Jun-14 | 1166604 | 2021-Jan-08 | |
| FR | 2001-Apr-24 | 03028671.0 | | EP 1422975 | 2010-Apr-14 | 1422975 | 2021-Apr-24 | |
| FR | 2001-Apr-24 | 07075990.7 | 2008-Feb-13 | EP 1887836 | 2012-Mar-07 | 1887836 | 2021-Apr-24 | |
| FR | 2001-Jun-21 | 01948546.5 | 2003-Mar-26 | EP 1295515 | 2011-Dec-28 | 1295515 | 2021-Jun-21 | |
| FR | 2001-Jun-21 | 10182095.9 | 2011-Sep-07 | EP 2364067 | 2013-Dec-11 | 2364067 | 2021-Jun-21 | |
| FR | 2001-Aug-14 | 01203099.5 | | EP 1182396 | 2009-Oct-14 | 1182396 | 2021-Aug-14 | |
| FR | 2001-Aug-31 | 01120981.4 | 2002-Mar-06 | EP 1183964 | 2003-Nov-05 | 1183964 | 2021-Aug-31 | |
| FR | 2001-Sep-05 | 01965257.7 | | EP 1321012 | 2005-Dec-14 | 1321012 | 2021-Sep-05 | |
| FR | 2001-Oct-25 | 01997118.3 | | EP 1337784 | 2009-Jun-17 | 1337784 | 2021-Oct-25 | |
| FR | 2001-Nov-09 | 01990408.5 | | EP 1338181 | 2006-Apr-12 | 1338181 | 2021-Nov-09 | |
| FR | 2001-Dec-03 | 01989575.4 | | EP 1346609 | 2005-Aug-10 | 1346609 | 2021-Dec-03 | |
| FR | 2001-Dec-06 | 01271514.0 | | EP 1259754 | 2011-Mar-02 | 1259754 | 2021-Dec-06 | |
| FR | 2001-Dec-12 | 01272187.4 | | EP 1348319 | 2005-Jun-08 | 1348319 | 2021-Dec-12 | |
| FR | 2001-Dec-21 | 01994819.9 | | EP 1399692 | 2008-Nov-05 | 1399692 | 2021-Dec-21 | |
| FR | 2002-Jan-14 | 02075145.9 | 2002-Jul-31 | EP 1227559 | 2011-Jul-27 | 1227559 | 2022-Jan-14 | |
| FR | 2002-Mar-14 | 02703803.3 | | EP 1374642 | 2007-Aug-08 | 1374642 | 2022-Mar-14 | |
| FR | 2002-May-10 | 02734387.0 | 2004-Feb-11 | EP 1388276 | 2011-Aug-10 | 1388276 | 2022-May-10 | |
| FR | 2002-May-30 | 02739485.7 | | EP 1393599 | 2010-May-05 | 1393599 | 2022-May-30 | |
| FR | 2002-Jun-07 | 02735758.1 | | EP 1399694 | 2006-Aug-09 | 1399694 | 2022-Jun-07 | |
| FR | 2002-Jun-21 | 02738518.6 | | EP 1405551 | 2008-Dec-10 | 1405551 | 2022-Jun-21 | |
| FR | 2002-Jul-23 | 02755430.2 | 2004-May-06 | EP 1415345 | 2014-Apr-23 | 1415345 | 2022-Jul-23 | |
| FR | 2002-Aug-09 | 02755483.1 | 2004-May-26 | EP 1421830 | 2011-Oct-12 | 1421830 | 2022-Aug-09 | |
| FR | 2002-Sep-17 | 02773430.0 | 2004-Jun-16 | EP 1428415 | 2012-Jul-18 | 1428415 | 2022-Sep-17 | |
| FR | 2002-Sep-30 | 02800685.6 | | EP 1438877 | 2006-May-10 | 1438877 | 2022-Sep-30 | |
| FR | 2002-Nov-15 | 02781532.3 | | EP 1459599 | 2008-Feb-27 | 1459599 | 2022-Nov-15 | |
| FR | 2002-Dec-09 | 02788334.7 | 2004-Sep-29 | EP 1461981 | 2017-Aug-30 | 1461981 | 2022-Dec-09 | |
| FR | 2002-Dec-18 | 02790614.8 | 2004-Sep-22 | EP 1459280 | 2012-Feb-15 | 1459280 | 2022-Dec-18 | |
| FR | 2002-Dec-19 | 02796002.0 | 2004-Sep-22 | EP 1459600 | 2014-Feb-26 | 1459600 | 2022-Dec-19 | |
| FR | 2002-Dec-20 | 02790641.1 | | EP 1461980 | 2006-Oct-25 | 1461980 | 2022-Dec-20 | |
| FR | 2003-Feb-06 | 03700452.0 | | EP 1479270 | 2006-Jul-05 | 1479270 | 2023-Feb-06 | |
| FR | 2003-Jun-12 | 03735929.6 | | EP 1518445 | 2009-May-06 | 1518445 | 2023-Jun-12 | |
| FR | 2003-Aug-28 | 03791823.2 | | EP 1535495 | 2010-Jan-13 | 1535495 | 2023-Aug-28 | |
| FR | 2003-Sep-03 | 03793997.2 | | EP 1537354 | 2009-Apr-29 | 1537354 | 2023-Sep-03 | |
| FR | 2003-Nov-11 | 03758604.7 | | EP 1568255 | 2010-Mar-03 | 1568255 | 2023-Nov-11 | |
| FR | 2003-Dec-11 | 03777081.5 | | EP 1576858 | 2008-Dec-03 | 1576858 | 2023-Dec-11 | |
| FR | 2003-Dec-11 | 03813686.7 | 2005-Sep-28 | EP 1579735 | 2016-Mar-09 | 1579735 | 2023-Dec-11 | |
| FR | 2003-Dec-18 | 03777121.9 | | EP 1579733 | 2008-Apr-09 | 1579733 | 2023-Dec-18 | |
| FR | 2004-Apr-21 | 04760087.9 | 2006-Feb-01 | EP 1620843 | 2015-Sep-02 | 1620843 | 2024-Apr-21 | |
| FR | 2004-Apr-21 | 15174450.5 | 2016-Apr-06 | EP 3002512 | 2018-Sep-19 | 3002512 | | |
| FR | 2004-Apr-22 | 04728861.8 | | EP 1623602 | 2007-Mar-07 | 1623602 | 2024-Apr-22 | |
| FR | 2004-Apr-30 | 04730612.1 | | EP 1623604 | 2008-Apr-16 | 1623604 | 2024-Apr-30 | |
| FR | 2004-Sep-01 | 04769910.3 | 2006-Jun-07 | EP 1665893 | 2016-Jul-06 | 1665893 | 2024-Sep-01 | |
| FR | 2004-Sep-07 | 04769950.9 | 2006-Jun-07 | EP 1665380 | | | 2024-Sep-07 | |
| FR | 2004-Sep-21 | 04770043.0 | 2006-Jun-14 | EP 1668622 | 2017-Apr-26 | 1668622 | 2024-Sep-21 | |
| FR | 2004-Nov-05 | 04799073.4 | 2006-Aug-02 | EP 1685745 | 2013-May-01 | 1685745 | 2024-Nov-05 | |
| FR | 2004-Nov-22 | 04811765.9 | | EP 1687692 | 2010-Apr-28 | 1687692 | 2024-Nov-22 | |
| FR | 2004-Dec-13 | 12198393.6 | 2013-Mar-27 | EP 2572932 | 2015-Apr-22 | 2572932 | 2024-Dec-13 | |
| FR | 2005-Mar-02 | 05724343.8 | 2006-Dec-13 | EP 1729615 | 2019-May-08 | 1729615 | 2025-Mar-02 | |
| FR | 2005-Mar-14 | 05725602.6 | 2006-Dec-13 | EP 1731004 | 2017-May-17 | 1731004 | 2025-Mar-14 | |
| FR | 2005-Apr-27 | 05731773.7 | | EP 1752024 | 2009-Nov-18 | 1752024 | 2025-Apr-27 | |
| FR | 2005-May-02 | 05733786.7 | 2007-Jan-24 | EP 1745681 | 2014-Nov-26 | 1745681 | 2025-May-02 | |
| FR | 2005-May-30 | 05104602.7 | 2005-Dec-14 | EP 1605199 | 2018-Jul-11 | 1605199 | 2025-May-30 | |
| FR | 2005-Jun-03 | 05748175.6 | | EP 1757169 | 2011-Apr-27 | 1757169 | 2025-Jun-03 | |
| FR | 2005-Jun-23 | 05759404.6 | 2007-Apr-25 | EP 1776628 | 2011-Nov-30 | 1776628 | 2025-Jun-23 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------|-------------|-----------|-------------|-------------------|
| FR | 2005-Jun-23 | 05751748.4 | | EP 1763650 | 2007-Dec-12 | 1763650 | 2025-Jun-23 | |
| FR | 2005-Jun-28 | 05752840.8 | 2007-Mar-28 | EP 1767065 | 2014-Jun-04 | 1767065 | 2025-Jun-28 | |
| FR | 2005-Jul-06 | 05761104.8 | 2007-Apr-04 | EP 1769560 | 2016-Sep-07 | 1769560 | 2025-Jul-06 | |
| FR | 2005-Jul-14 | 05763182.2 | 2007-Apr-11 | EP 1772044 | 2012-Sep-12 | 1772044 | 2025-Jul-14 | |
| FR | 2005-Aug-02 | 05772133.4 | 2007-May-09 | EP 1782660 | 2011-Oct-12 | 1782660 | 2025-Aug-02 | |
| FR | 2005-Aug-02 | 05773347.9 | | EP 1776544 | 2010-Jan-20 | 1776544 | 2025-Aug-02 | |
| FR | 2005-Aug-02 | 05773348.7 | | EP 1776722 | 2008-Jan-09 | 1776722 | 2025-Aug-02 | |
| FR | 2005-Aug-18 | 05776896.2 | 2007-Jun-13 | EP 1794811 | 2011-Jun-29 | 1794811 | 2025-Aug-18 | |
| FR | 2005-Sep-12 | 05782814.7 | 2007-Jun-13 | EP 1794491 | 2011-Jun-29 | 1794491 | 2025-Sep-12 | |
| FR | 2005-Sep-19 | 05783602.5 | 2007-Jul-11 | EP 1805452 | 2014-Apr-23 | 1805452 | 2025-Sep-19 | |
| FR | 2005-Sep-19 | 14162998.0 | 2014-Oct-15 | EP 2789894 | 2018-Dec-12 | 2789894 | 2025-Sep-19 | |
| FR | 2005-Sep-20 | 05783948.2 | 2007-Jun-27 | EP 1800204 | 2013-Apr-17 | 1800204 | 2025-Sep-20 | |
| FR | 2005-Oct-12 | 05791339.4 | 2007-Jun-27 | EP 1800401 | 2012-Apr-04 | 1800401 | 2025-Oct-12 | |
| FR | 2005-Nov-09 | 05809900.3 | | EP 1815536 | 2011-Feb-09 | 1815536 | 2025-Nov-09 | |
| FR | 2005-Nov-23 | 05810845.7 | 2007-Aug-29 | EP 1825717 | 2014-Jan-08 | 1825717 | 2025-Nov-23 | |
| FR | 2005-Nov-24 | 05826628.9 | | EP 1820373 | 2011-Jan-26 | 1820373 | 2025-Nov-24 | |
| FR | 2005-Nov-28 | 05807221.6 | 2007-Aug-29 | EP 1825515 | 2015-Nov-25 | 1825515 | 2025-Nov-28 | |
| FR | 2005-Dec-02 | 05815525.0 | | | 2017-Oct-04 | 1842399 | 2025-Dec-02 | |
| FR | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| FR | 2006-Apr-03 | 06716702.3 | 2007-Nov-29 | EP 1869365 | 2013-Jun-12 | 1869365 | 2026-Apr-03 | |
| FR | 2006-Apr-19 | 06727966.1 | 2006-Nov-02 | EP 1878319 | 2011-Nov-02 | 1878319 | 2026-Apr-19 | |
| FR | 2006-May-08 | 06770064.1 | 2008-Oct-29 | EP 1984667 | 2017-Aug-23 | 1984667 | 2026-May-08 | |
| FR | 2006-May-10 | 06744904.1 | | EP 1889112 | 2009-Jul-22 | 1889112 | 2026-May-10 | |
| FR | 2006-May-11 | 06744912.4 | 2008-Feb-20 | EP 1889518 | 2011-Dec-14 | 1889518 | 2026-May-11 | |
| FR | 2006-May-24 | 06765708.0 | | EP 1889519 | 2009-Mar-18 | 1889519 | 2026-May-24 | |
| FR | 2006-Jul-05 | 06766007.6 | 2008-Apr-02 | EP 1905273 | 2012-Apr-18 | 1905273 | 2026-Jul-05 | |
| FR | 2006-Sep-15 | 06821092.1 | 2008-Jun-18 | EP 1932178 | 2012-Feb-08 | 1932178 | 2026-Sep-15 | |
| FR | 2006-Sep-25 | 06821145.7 | 2008-Jun-18 | EP 1932394 | 2016-Apr-27 | 1932394 | 2026-Sep-25 | |
| FR | 2006-Oct-02 | 06809462.2 | 2008-Jun-25 | EP 1935085 | 2012-Mar-28 | 1935085 | 2026-Oct-02 | |
| FR | 2006-Oct-11 | 11173044.6 | 2011-Nov-30 | EP 2390866 | 2016-Sep-28 | 2390866 | 2026-Oct-11 | |
| FR | 2006-Oct-11 | 14166066.2 | 2014-Sep-17 | EP 2779146 | 2017-Jul-26 | 2779146 | 2026-Oct-11 | |
| FR | 2006-Oct-11 | 06812715.8 | | EP 1938298 | 2012-Jun-13 | 1938298 | 2026-Oct-11 | |
| FR | 2006-Nov-07 | 06821351.1 | | EP 1948995 | 2010-Apr-28 | 1948995 | 2026-Nov-07 | |
| FR | 2006-Nov-13 | 06821415.4 | 2008-Aug-06 | EP 1952055 | 2019-Jan-09 | 1952055 | 2026-Nov-13 | |
| FR | 2006-Nov-20 | 06821499.8 | | EP 1954975 | 2012-Jan-11 | 1954975 | 2026-Nov-20 | |
| FR | 2006-Dec-06 | 06832117.3 | 2008-Sep-03 | EP 1964451 | 2011-Jul-06 | 1964451 | 2026-Dec-06 | |
| FR | 2006-Dec-11 | 06832203.1 | | EP 1963735 | 2010-Sep-29 | 1963735 | 2026-Dec-11 | |
| FR | 2006-Dec-12 | 06842457.1 | 2008-Sep-03 | EP 1964449 | 2014-Jul-23 | 1964449 | 2026-Dec-12 | |
| FR | 2006-Dec-13 | 11155525.6 | 2011-May-25 | EP 2325670 | 2017-Oct-25 | 2325670 | 2026-Dec-13 | |
| FR | 2006-Dec-13 | 06842469.6 | 2008-Sep-10 | EP 1966624 | 2011-Jun-29 | 1966624 | 2026-Dec-13 | |
| FR | 2007-Jan-03 | 07716200.6 | 2008-Sep-24 | EP 1972183 | 2015-Mar-18 | 1972183 | 2027-Jan-03 | |
| FR | 2007-Mar-02 | 07713186.0 | 2008-Dec-03 | EP 1997352 | 2018-Oct-24 | 1997352 | 2027-Mar-02 | |
| FR | 2007-Mar-08 | 07710709.2 | 2008-Dec-03 | EP 1996857 | 2016-May-25 | 1996857 | 2027-Mar-08 | |
| FR | 2007-Apr-20 | 07735597.2 | 2009-Jan-21 | EP 2016804 | 2011-Jun-29 | 2016804 | 2027-Apr-20 | |
| FR | 2007-May-02 | 07735739.0 | 2009-Jan-28 | EP 2018795 | 2016-Dec-14 | 2018795 | 2027-May-02 | |
| FR | 2007-May-31 | 15177099.7 | 2016-Apr-27 | EP 3013124 | 2017-Jul-12 | 3013124 | 2027-May-31 | |
| FR | 2007-May-31 | 07736055.0 | 2009-Mar-04 | EP 2030483 | 2015-Oct-21 | 2030483 | 2027-May-31 | |
| FR | 2007-Jun-19 | 07789721.3 | 2009-Mar-25 | EP 2039069 | 2017-Apr-05 | 2039069 | 2027-Jun-19 | |
| FR | 2007-Jun-20 | 07789748.6 | 2009-Mar-25 | EP 2039227 | 2018-Mar-21 | 2039227 | 2027-Jun-20 | |
| FR | 2007-Jul-05 | 07825886.0 | | EP 2052181 | 2010-Mar-31 | 2052181 | 2027-Jul-05 | |
| FR | 2007-Aug-09 | 07836669.7 | 2009-Nov-18 | EP 2119318 | 2013-Oct-16 | 2119318 | 2027-Aug-09 | |
| FR | 2007-Aug-17 | 07800472.8 | 2009-May-06 | EP 2054662 | 2014-Oct-08 | 2054662 | 2027-Aug-17 | |
| FR | 2007-Aug-22 | 07800465.2 | 2009-May-13 | EP 2057867 | 2016-Nov-09 | 2057867 | 2027-Aug-22 | |
| FR | 2007-Sep-18 | 07826420.7 | | EP 2074658 | 2010-Mar-24 | 2074658 | 2027-Sep-18 | |
| FR | 2007-Sep-20 | 07826476.9 | | EP 2074866 | 2011-Mar-02 | 2074866 | 2027-Sep-20 | |
| FR | 2007-Sep-20 | 07826475.1 | 2009-Jul-15 | EP 2078446 | 2013-Apr-10 | 2078446 | 2027-Sep-20 | |
| FR | 2007-Sep-20 | 07815866.4 | 2009-Jun-10 | EP 2067381 | 2016-Sep-14 | 2067381 | 2027-Sep-20 | |
| FR | 2007-Oct-11 | 07826710.1 | 2009-Jul-01 | EP 2074451 | 2018-Aug-15 | 2074451 | 2027-Oct-11 | |
| FR | 2007-Oct-12 | 07826733.3 | 2009-Jul-29 | EP 2082167 | 2017-Feb-22 | 2082167 | 2027-Oct-12 | |
| FR | 2007-Oct-19 | 07861452.6 | 2009-Aug-12 | EP 2087776 | 2014-Dec-10 | 2087776 | 2027-Oct-19 | |
| FR | 2007-Oct-31 | 07816094.2 | 2009-Aug-12 | EP 2087772 | 2017-Sep-06 | 2087772 | 2027-Oct-31 | |
| FR | 2007-Nov-06 | 07826984.2 | | EP 2082620 | 2010-Jul-28 | 2082620 | 2027-Nov-06 | |
| FR | 2007-Nov-08 | 07827030.3 | | EP 2084945 | 2010-Mar-31 | 2084945A | 2027-Nov-08 | |
| FR | 2007-Nov-09 | 07840007.4 | | EP 2082621 | 2010-Jul-14 | 2082621 | 2027-Nov-09 | |
| FR | 2007-Nov-27 | 07849266.7 | 2009-Aug-26 | EP 2092669 | 2013-Jun-26 | 2092669 | 2027-Nov-27 | |
| FR | 2007-Nov-27 | 07862228.9 | 2009-Aug-19 | EP 2089656 | 2011-Mar-02 | 2089656 | 2027-Nov-27 | |
| FR | 2007-Dec-07 | 07849372.3 | 2009-Sep-23 | EP 2103190 | 2012-Oct-17 | 2103190 | 2027-Dec-07 | |
| FR | 2007-Dec-11 | 07855501.8 | 2009-Aug-26 | EP 2092797 | 2012-Nov-21 | 2092797 | 2027-Dec-11 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement
List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------|-------------|-----------|-------------|-------------------|
| FR | 2007-Dec-17 | 07849526.4 | 2009-Sep-02 | EP 2095353 | 2019-May-01 | 2095353 | 2027-Dec-17 | |
| FR | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | | |
| FR | 2008-Mar-19 | 08719767.9 | | EP 2126463 | 2010-Oct-27 | 2126463 | 2028-Mar-19 | |
| FR | 2008-Mar-31 | 08737675.2 | 2010-Jan-13 | EP 2143303 | 2012-Aug-08 | 2143303 | 2028-Mar-31 | |
| FR | 2008-Apr-04 | 08737714.9 | | EP 2135005 | 2010-Oct-06 | 2135005 | 2028-Apr-04 | |
| FR | 2008-Apr-11 | 08737808.9 | 2010-Jan-06 | EP 2140502 | 2017-Apr-05 | 2140502 | 2028-Apr-11 | |
| FR | 2008-Apr-21 | 08737928.5 | | EP 2143304 | 2010-Sep-15 | 2143304 | 2028-Apr-21 | |
| FR | 2008-Apr-23 | 08737957.4 | 2010-Jan-20 | EP 2145508 | 2018-Aug-15 | 2145508 | 2028-Apr-23 | |
| FR | 2008-Apr-28 | 08738006.9 | 2010-Jan-27 | EP 2147576 | 2014-Apr-16 | 2147576 | 2028-Apr-28 | |
| FR | 2008-May-01 | 14195242.4 | 2015-Apr-22 | EP 2863104 | | | | |
| FR | 2008-May-01 | 08738061.4 | 2010-Jan-20 | EP 2145129 | 2014-Dec-03 | 2145129 | 2028-May-01 | |
| FR | 2008-May-02 | 08747429.2 | 2010-Jan-27 | EP 2147244 | 2015-Dec-02 | 2147244 | 2028-May-02 | |
| FR | 2008-May-05 | 08738079.6 | 2010-Jan-27 | EP 2147349 | 2013-Jul-17 | 2147349 | 2028-May-05 | |
| FR | 2008-May-26 | 08763104.0 | 2010-Feb-10 | EP 2150851 | 2015-Mar-11 | 2150851 | 2028-May-26 | |
| FR | 2008-May-30 | 08763152.9 | 2010-Mar-10 | EP 2160731 | 2016-Jul-13 | 2160731 | 2028-May-30 | |
| FR | 2008-Jun-23 | 08763422.6 | 2010-Mar-17 | EP 2163132 | 2013-Oct-09 | 2163132 | 2028-Jun-23 | |
| FR | 2008-Jun-30 | 08789176.8 | 2010-Mar-24 | EP 2165576 | 2018-Aug-08 | 2165576 | 2028-Jun-30 | |
| FR | 2008-Jul-21 | 08789379.8 | | EP 2174531 | 2013-Jun-05 | 2174531 | 2028-Jul-21 | |
| FR | 2008-Aug-14 | 08789608.0 | | EP 2181565 | 2011-Apr-27 | 2181565 | 2028-Aug-14 | |
| FR | 2008-Sep-16 | 08807680.7 | 2010-Jul-07 | EP 2203679 | 2012-May-30 | 2203679 | 2028-Sep-16 | |
| FR | 2008-Oct-08 | 08838302.1 | 2010-Jul-21 | EP 2207998 | 2015-Sep-16 | 2207998 | 2028-Oct-08 | |
| FR | 2008-Oct-08 | 15170674.4 | 2016-Aug-03 | EP 3051586 | 2018-Feb-21 | 3051586 | 2028-Oct-08 | |
| FR | 2008-Nov-24 | 08855505.7 | 2010-Aug-18 | EP 2218308 | 2013-Jun-19 | 2218308 | 2028-Nov-24 | |
| FR | 2008-Dec-02 | 08857778.8 | 2010-Sep-29 | EP 2232951 | 2011-Jul-06 | 2232951 | 2028-Dec-02 | |
| FR | 2008-Dec-16 | 08862035.6 | 2010-Oct-06 | EP 2235589 | 2018-Jul-25 | 2235589 | 2028-Dec-16 | |
| FR | 2008-Dec-22 | 08863774.9 | 2010-Oct-06 | EP 2235435 | 2013-Sep-11 | 2235435 | 2028-Dec-22 | |
| FR | 2008-Dec-29 | 08870459.8 | 2010-Sep-22 | EP 2229803 | 2011-Oct-26 | 2229803 | 2028-Dec-29 | |
| FR | 2009-Jun-12 | 09761216.2 | 2011-Mar-02 | EP 2288848 | 2018-Dec-26 | 2288848 | 2029-Jun-12 | |
| FR | 2009-Jul-10 | 09786561.2 | 2011-Mar-23 | EP 2297516 | 2012-Feb-22 | 2297516 | 2029-Jul-10 | |
| FR | 2009-Jul-22 | 09786664.4 | 2011-May-11 | EP 2319275 | 2013-Nov-20 | 2319275 | 2029-Jul-22 | |
| FR | 2009-Jul-22 | 09786669.3 | 2011-May-04 | EP 2316251 | 2012-May-09 | 2316251 | 2029-Jul-22 | |
| FR | 2009-Sep-02 | 09787073.7 | 2011-Jun-15 | EP 2332392 | 2018-Nov-14 | 2332392 | 2029-Sep-02 | |
| FR | 2009-Sep-04 | 09787096.8 | 2011-Jun-01 | EP 2326869 | 2016-Jun-29 | 2326869 | 2029-Sep-04 | |
| FR | 2009-Oct-02 | 09787352.5 | 2011-Jul-20 | EP 2345307 | 2013-Dec-11 | 2345307 | 2029-Oct-02 | |
| FR | 2009-Nov-12 | 09760323.7 | 2011-Aug-24 | EP 2359052 | 2016-Feb-10 | 2359052 | 2029-Nov-12 | |
| FR | 2009-Nov-27 | 09775293.5 | 2011-Oct-19 | EP 2377371 | 2016-Apr-20 | 2377371 | 2029-Nov-27 | |
| FR | 2009-Nov-30 | 09774962.6 | 2011-Nov-16 | EP 2386044 | 2015-Jul-29 | 2386044 | 2029-Nov-30 | |
| FR | 2010-Jan-04 | 10702737.7 | 2011-Nov-16 | EP 2386045 | 2015-Jun-17 | 2386045 | 2030-Jan-04 | |
| FR | 2010-Jan-05 | 10702908.4 | 2011-Nov-16 | EP 2386043 | 2016-Apr-13 | 2386043 | 2030-Jan-05 | |
| FR | 2010-Mar-15 | 10712534.6 | 2012-Feb-01 | EP 2412209 | 2018-Feb-21 | 2412209 | 2030-Mar-15 | |
| FR | 2010-Mar-30 | 10713725.9 | 2012-Feb-08 | EP 2414876 | 2017-Aug-23 | 2414876 | 2030-Mar-30 | |
| FR | 2010-Apr-01 | 13165685.2 | 2013-Aug-21 | EP 2629491 | 2014-Sep-17 | 2629491 | 2030-Apr-01 | |
| FR | 2010-Apr-01 | 10715358.7 | 2012-Feb-29 | EP 2422507 | 2013-Jun-19 | 2422507 | 2030-Apr-01 | |
| FR | 2010-May-05 | 10719619.8 | 2012-Mar-28 | EP 2433471 | 2018-Jul-18 | 2433471 | 2030-May-05 | |
| FR | 2010-May-21 | 13165765.2 | 2013-Aug-07 | EP 2623846 | 2016-Jul-20 | 2623846 | 2030-May-21 | |
| FR | 2010-May-21 | 10726288.3 | 2012-Apr-04 | EP 2435753 | 2013-May-15 | 2435753 | 2030-May-21 | |
| FR | 2010-May-26 | 10727919.2 | 2012-Apr-04 | EP 2435754 | 2016-Apr-27 | 2435754 | 2030-May-26 | |
| FR | 2010-Jun-04 | 10728329.3 | 2012-Apr-11 | EP 2438647 | 2013-Oct-16 | 2438647 | 2030-Jun-04 | |
| FR | 2010-Jun-09 | 10728345.9 | 2012-Apr-25 | EP 2443624 | 2014-Jan-08 | 2443624 | 2030-Jun-09 | |
| FR | 2010-Jun-11 | 10730223.4 | 2012-Apr-25 | EP 2443387 | 2016-Mar-02 | 2443387 | 2030-Jun-11 | |
| FR | 2010-Jun-14 | 10732438.6 | 2012-Apr-25 | EP 2443380 | 2014-Sep-10 | 2443380 | 2030-Jun-14 | |
| FR | 2010-Jun-15 | 10730851.2 | 2012-Apr-25 | EP 2443910 | 2013-Oct-09 | 2443910 | 2030-Jun-15 | |
| FR | 2010-Jun-22 | 10731600.2 | 2012-May-02 | EP 2446708 | 2019-Mar-27 | 2446708 | 2030-Jun-22 | |
| FR | 2010-Jul-14 | 10740369.3 | 2012-May-30 | EP 2457415 | 2014-Feb-26 | 2457415 | 2030-Jul-14 | |
| FR | 2010-Jul-19 | 10740379.2 | 2012-May-30 | EP 2457418 | 2013-Jan-16 | 2457418 | 2030-Jul-19 | |
| FR | 2010-Jul-27 | 10745008.2 | 2012-Jun-06 | EP 2460389 | 2013-May-01 | 2460389 | 2030-Jul-27 | |
| FR | 2010-Aug-18 | 10760766.5 | 2012-Jul-04 | EP 2471344 | 2013-Aug-07 | 2471344 | 2030-Aug-18 | |
| FR | 2010-Aug-30 | 10760770.7 | 2012-Jul-11 | EP 2473773 | 2018-Oct-17 | 2473773 | 2030-Aug-30 | |
| FR | 2010-Sep-01 | 10757276.0 | 2012-Jul-11 | EP 2474201 | 2017-Jun-28 | 2474201 | 2030-Sep-01 | |
| FR | 2010-Sep-07 | 10760057.9 | 2012-Jul-25 | EP 2478743 | 2014-Jun-11 | 2478743 | 2030-Sep-07 | |
| FR | 2010-Sep-09 | 10760066.0 | 2012-Aug-08 | EP 2480829 | 2014-Apr-16 | 2480829 | 2030-Sep-09 | |
| FR | 2010-Sep-09 | 10763438.8 | 2012-Aug-01 | EP 2481266 | 2014-Jun-04 | 2481266 | 2030-Sep-09 | |
| FR | 2010-Sep-13 | 10760080.1 | 2012-Jul-25 | EP 2478289 | 2013-Jun-05 | 2478289 | 2030-Sep-13 | |
| FR | 2010-Sep-29 | 10765686.0 | 2012-Aug-15 | EP 2486605 | 2017-Sep-13 | 2486605 | 2030-Sep-29 | |
| FR | 2010-Oct-29 | 10782402.1 | 2012-Sep-12 | EP 2497339 | 2017-Sep-20 | 2497339 | 2030-Oct-29 | |
| FR | 2010-Dec-10 | 10809182.8 | 2012-Oct-24 | EP 2514273 | 2015-May-06 | 2514273 | 2030-Dec-10 | |
| FR | 2011-Feb-28 | 11713358.7 | 2013-Jan-09 | EP 2542826 | 2018-Oct-24 | 2542826 | 2031-Feb-28 | |
| FR | 2011-Mar-11 | 11714109.3 | 2013-Jan-30 | EP 2550843 | 2018-Jan-24 | 2550843 | 2031-Mar-11 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------|-------------|-----------|-------------|-------------------|
| FR | 2011-Apr-01 | 11719657.6 | 2013-Feb-13 | EP 2556294 | 2015-Mar-25 | 2556294 | 2031-Apr-01 | |
| FR | 2011-Apr-27 | 11721826.3 | 2013-Mar-20 | EP 2569576 | 2016-Jul-06 | 2569576 | 2031-Apr-27 | |
| FR | 2011-Jun-16 | 11754735.6 | 2013-Apr-24 | EP 2583536 | 2015-Feb-11 | 2583536 | 2031-Jun-16 | |
| FR | 2011-Jun-24 | 11738309.1 | 2013-May-29 | EP 2596554 | 2014-Oct-29 | 2596554 | 2031-Jun-24 | |
| FR | 2011-Jun-30 | 11738821.5 | 2013-May-15 | EP 2591275 | 2017-Mar-01 | 2591275 | 2031-Jun-30 | |
| FR | 2011-Aug-05 | 11754507.9 | 2013-Jul-10 | EP 2612463 | 2014-Apr-16 | 2612463 | 2031-Aug-05 | |
| FR | 2011-Nov-15 | 11799321.2 | 2013-Oct-02 | EP 2644006 | 2018-Mar-28 | 2644006 | 2031-Nov-15 | |
| FR | 2011-Nov-16 | 11794283.9 | | | 2019-Jan-09 | 2681969 | | |
| FR | 2012-Jan-11 | 12703883.4 | 2013-Nov-20 | EP 2663806 | 2018-Jan-03 | 2663806 | 2031-Jan-14 | |
| FR | 2012-Apr-02 | 12716291.5 | 2014-Feb-12 | EP 2694867 | 2016-Aug-31 | 2694867 | 2032-Dec-02 | |
| FR | 2012-May-14 | 12724737.7 | 2014-Mar-26 | EP 2710860 | 2016-Nov-30 | 2710860 | 2032-May-14 | |
| FR | 2012-Oct-05 | 12795854.4 | 2014-Jul-02 | EP 2748975 | 2019-Apr-03 | 2748975 | 2032-Oct-05 | |
| FR | 2012-Oct-12 | 12798379.9 | 2014-Jul-02 | EP 2749130 | 2018-Jan-10 | 2749130 | 2032-Oct-12 | |
| FR | 2012-Oct-17 | 12781169.3 | 2014-Jul-02 | EP 2749128 | 2015-Jan-28 | 2749128 | 2032-Oct-17 | |
| FR | 2012-Oct-19 | 12808477.9 | 2014-Jun-25 | EP 2745626 | 2017-May-10 | 2745626 | 2032-Oct-19 | |
| FR | 2012-Oct-19 | 12841485.1 | 2014-Aug-27 | EP 2769142 | 2018-Feb-21 | 2769142 | 2032-Oct-19 | |
| FR | 2012-Oct-29 | 12812346.0 | 2014-Jul-09 | EP 2752090 | 2018-Jan-03 | 2752090 | 2032-Oct-29 | |
| FR | 2012-Dec-11 | 12820908.7 | 2014-Jul-02 | EP 2748688 | 2019-Feb-20 | 2748688 | 2031-Dec-13 | |
| FR | 2013-Jan-02 | 13703878.2 | 2014-Aug-06 | EP 2761978 | 2016-Apr-06 | 2761978 | 2033-Jan-02 | |
| FR | 2013-Jan-02 | 13703876.6 | 2014-Nov-12 | EP 2801240 | 2016-Apr-06 | 2801240 | 2033-Jan-02 | |
| FR | 2013-Jan-10 | 13705570.3 | 2014-Nov-19 | EP 2802805 | 2017-Oct-18 | 2802805 | 2033-Jan-10 | |
| FR | 2013-Jan-18 | 13707716.0 | 2014-Dec-10 | EP 2810532 | | | 2033-Jan-18 | |
| FR | 2013-Jan-25 | 13709554.3 | 2014-Dec-10 | EP 2810533 | 2015-Aug-05 | EP2810533 | 2033-Jan-25 | |
| FR | 2013-Feb-08 | 13713975.4 | 2014-Oct-08 | EP 2786640 | 2015-Jul-22 | 2786640 | 2033-Feb-08 | |
| FR | 2013-Feb-22 | 13717318.3 | 2014-Dec-31 | EP 2818028 | 2017-Apr-12 | 2818028 | 2033-Feb-22 | |
| FR | 2013-Feb-22 | 13717316.7 | 2014-Dec-17 | EP 2823691 | 2019-Apr-10 | 2823691 | | |
| FR | 2013-Mar-07 | 13720567.0 | 2015-Feb-04 | EP 2832183 | 2016-May-18 | 2832183 | 2033-Mar-07 | |
| FR | 2013-Mar-08 | 13721393.0 | 2015-Jan-28 | EP 2829158 | 2016-May-18 | 2829158 | 2033-Mar-08 | |
| FR | 2013-Mar-20 | 13721401.1 | 2015-Feb-04 | EP 2832184 | 2016-Jan-13 | 2832184 | 2033-Mar-20 | |
| FR | 2013-Apr-16 | 13726598.9 | 2015-Feb-25 | EP 2839204 | 2016-Dec-14 | 2839204 | 2033-Apr-16 | |
| FR | 2013-Apr-26 | 13727386.8 | 2015-Mar-18 | EP 2848091 | 2018-Nov-28 | 2848091 | | |
| FR | 2013-May-22 | 13736961.7 | 2015-Apr-08 | EP 2856490 | 2016-Mar-09 | 2856490 | 2033-May-22 | |
| FR | 2013-Jun-17 | 13750382.7 | 2015-May-06 | EP 2867982 | 2016-Mar-16 | 2867982 | 2033-Jun-17 | |
| FR | 2013-Jul-10 | 13765478.6 | 2015-May-20 | EP 2873310 | 2019-Feb-27 | 2873310 | | |
| FR | 2013-Jul-12 | 13765494.3 | 2015-May-20 | EP 2873299 | 2019-Jan-09 | 2873299 | | |
| FR | 2013-Jul-24 | 13745301.5 | | | 2018-Dec-12 | 2878171 | | |
| FR | 2013-Sep-17 | 13799377.0 | 2015-Jul-29 | EP 2898265 | 2016-Dec-07 | 2898265 | 2033-Sep-17 | |
| FR | 2013-Dec-02 | 13805599.1 | 2015-Oct-21 | EP 2932797 | 2017-Oct-04 | 2932797 | 2033-Dec-02 | |
| FR | 2014-Mar-05 | 14709902.2 | 2016-Jan-27 | EP 2976567 | 2017-May-10 | 2976567 | 2034-Mar-05 | |
| FR | 2014-Mar-12 | 14713924.0 | 2016-Feb-03 | EP | 2017-Feb-22 | 2979023 | 2034-Mar-12 | |
| FR | 2014-Jun-04 | 14728546.4 | 2016-Apr-13 | EP 3005834 | 2018-Mar-21 | 3005834 | 2034-Jun-04 | |
| FR | 2014-Jul-09 | 14738810.2 | 2016-Jun-08 | EP | 2017-Feb-22 | 3028541 | 2034-Jul-09 | |
| FR | 2014-Jul-23 | 14741900.6 | 2016-Jun-08 | EP 3028543 | 2018-Jan-17 | 3028543 | 2034-Jul-23 | |
| FR | 2014-Aug-27 | 14756047.8 | 2016-Jul-06 | EP 3039946 | 2017-May-31 | 3039946 | 2034-Aug-27 | |
| FR | 2014-Oct-14 | 14793310.5 | 2016-Aug-24 | EP 3058794 | 2018-Aug-29 | 3058794 | 2034-Oct-14 | |
| FR | 2014-Nov-12 | EP14799386.9 | 2016-Sep-28 | EP 3072359 | 2019-Mar-20 | 3072359 | | |
| FR | 2014-Dec-23 | 14819015.0 | 2015-Oct-28 | EP 2935980 | 2016-Jun-15 | 2935980 | 2034-Dec-23 | |
| FR | 2015-Feb-03 | EP15702484.5 | 2016-Sep-28 | EP 3071881 | 2017-Aug-23 | 3071881 | 2035-Feb-03 | |
| FR | 2015-Feb-23 | EP15706017.9 | 2016-Aug-31 | EP | 2017-Apr-12 | 3061320 | 2035-Feb-23 | |
| FR | 2015-Jun-24 | EP15731323.0 | 2017-May-10 | 3164928-A | | | | |
| FR | 2016-Apr-04 | 16713475.8 | 2018-Feb-14 | EP 3281270 | 2019-Jan-09 | 3281270 | | |
| FR | 2016-Apr-20 | 16721678.7 | 2017-Dec-27 | EP 3259959 | 2018-Jun-20 | 3259959 | | |
| GB | 1997-Aug-08 | 97932965.3 | | EP 0870384 | 2005-Nov-09 | 0870384 | 2017-Aug-08 | |
| GB | 1997-Sep-08 | 97936833.9 | 1998-Sep-16 | EP 0864064 | 2002-Dec-04 | 0864064 | 2017-Sep-08 | |
| GB | 1998-Jan-22 | 98900141.7 | 1999-Jan-13 | EP 0890059 | 2004-Jun-23 | 0890059 | 2018-Jan-22 | |
| GB | 1998-Jul-14 | 98935809.8 | | EP 1021817 | 2013-Nov-20 | 1021817 | 2018-Jul-14 | |
| GB | 1998-Jul-16 | 98929590.2 | 1999-Jul-21 | EP 0929992 | 2003-Aug-06 | 0929992 | 2018-Jul-16 | |
| GB | 1998-Jul-16 | 98929597.7 | 1999-Jul-21 | EP 0929993 | 2004-Oct-06 | 0929993 | 2018-Jul-16 | |
| GB | 1998-Jul-27 | 98932457.9 | 1999-Jul-21 | EP 0929994 | 2003-Jul-02 | 0929994 | 2018-Jul-27 | |
| GB | 1998-Jul-28 | 98937339.4 | 2000-May-17 | EP 1000295 | 2014-Jul-23 | 1000295 | 2018-Jul-28 | |
| GB | 1998-Aug-26 | 01130297.3 | 2002-Apr-10 | EP 1195740 | 2017-Nov-22 | 1195740 | 2018-Aug-26 | |
| GB | 1998-Aug-26 | 98944539.0 | | EP 1016062 | 2002-Aug-07 | 1016062 | 2018-Aug-26 | |
| GB | 1998-Dec-17 | 98964035.4 | 1999-Jun-24 | EP 1040398 | 2018-Feb-21 | 1040398 | 2018-Dec-17 | |
| GB | 1999-Sep-03 | 03011110.8 | 2004-Feb-25 | EP 1391650 | 2014-Feb-26 | 1391650 | 2019-Sep-03 | |
| GB | 1999-Sep-03 | 99943116.6 | | EP 1110198 | 2003-Nov-05 | 1110198 | 2019-Sep-03 | |
| GB | 1999-Sep-08 | 99969780.8 | 2000-Nov-02 | EP 1047904 | 2013-Apr-24 | 1047904 | 2019-Sep-08 | |
| GB | 1999-Sep-17 | 99948820.8 | | EP 1046196 | 2008-Jan-16 | 1046196 | 2019-Sep-17 | |
| GB | 1999-Sep-24 | 99948955.2 | | EP 1048085 | 2007-Nov-14 | 1048085 | 2019-Sep-24 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------|-------------|-----------|-------------|-------------------|
| GB | 1999-Nov-24 | 99957760.4 | | EP 1133657 | 2010-Oct-06 | 1133657 | 2019-Nov-24 | |
| GB | 1999-Dec-02 | 99962235.0 | 2000-Dec-06 | EP 1056993 | 2003-Mar-26 | 1056993 | 2019-Dec-02 | |
| GB | 2000-Mar-10 | 00914124.3 | | EP 1082572 | 2007-Apr-18 | 1082572 | 2020-Mar-10 | |
| GB | 2000-Apr-06 | 00926827.7 | 2001-Apr-04 | EP 1088350 | 2011-Nov-23 | 1088350 | 2020-Apr-06 | |
| GB | 2000-Jun-22 | 00947862.9 | | EP 1108180 | 2008-Jul-30 | 1108180 | 2020-Jun-22 | |
| GB | 2000-Jul-14 | 05077467.8 | | EP 1624728 | 2009-May-06 | 1624728 | 2020-Jul-14 | |
| GB | 2000-Jul-14 | 00950360.8 | 2002-Jul-24 | EP 1224845 | 2005-Nov-02 | 1224845 | 2020-Jul-14 | |
| GB | 2000-Jul-14 | 09160257.3 | | EP 2139299 | 2011-Mar-02 | 2139299 | 2020-Jul-14 | |
| GB | 2000-Aug-07 | 00958400.4 | | EP 1125085 | 2007-Nov-21 | 1125085 | 2020-Aug-07 | |
| GB | 2000-Sep-15 | 00964189.5 | 2001-Oct-04 | EP 1138177 | 2004-Dec-01 | 1138177 | 2020-Sep-15 | |
| GB | 2000-Oct-10 | 00972733.0 | 2001-Oct-10 | EP 1142452 | 2004-Mar-10 | 1142452 | 2020-Oct-10 | |
| GB | 2000-Oct-12 | 00967866.5 | 2001-Oct-17 | EP 1145602 | 2004-Mar-10 | 1145602 | 2020-Oct-12 | |
| GB | 2000-Oct-12 | 00972760.3 | 2001-Oct-31 | EP 1149510 | 2003-Feb-12 | 1149510 | 2020-Oct-12 | |
| GB | 2000-Nov-17 | 15168713.4 | 2015-Nov-04 | EP 2940732 | 2017-Jan-25 | 2940732 | 2020-Nov-17 | |
| GB | 2000-Nov-17 | 00979608.7 | 2001-Nov-21 | EP 1155455 | 2015-Aug-26 | 1155455 | 2020-Nov-17 | |
| GB | 2000-Nov-20 | 00980578.9 | 2002-Aug-28 | EP 1234140 | 2005-Aug-10 | 1234140 | 2020-Nov-20 | |
| GB | 2000-Nov-20 | 05076817.5 | 2005-Dec-23 | EP 1610593 | 2015-Jul-08 | 1610593 | 2020-Nov-20 | |
| GB | 2000-Dec-01 | 00126263.3 | 2001-Jun-13 | EP 1106915 | 2002-Sep-25 | 1106915 | 2020-Dec-01 | |
| GB | 2000-Dec-01 | 00126262.5 | 2001-Jun-13 | EP 1106914 | 2002-Sep-11 | 1106914 | 2020-Dec-01 | |
| GB | 2000-Dec-14 | 00981374.2 | | EP 1161754 | 2006-Sep-06 | 1161754 | 2020-Dec-14 | |
| GB | 2000-Dec-18 | 00985192.4 | | EP 1159563 | 2007-Feb-28 | 1159563 | 2020-Dec-18 | |
| GB | 2001-Jan-08 | 01907413.7 | | EP 1166604 | 2006-Jun-14 | 1166604 | 2021-Jan-08 | |
| GB | 2001-Apr-24 | 07075990.7 | 2008-Feb-13 | EP 1887836 | 2012-Mar-07 | 1887836 | 2021-Apr-24 | |
| GB | 2001-Apr-24 | 03028671.0 | | EP 1422975 | 2010-Apr-14 | 1422975 | 2021-Apr-24 | |
| GB | 2001-Jun-21 | 01948546.5 | 2003-Mar-26 | EP 1295515 | 2011-Dec-28 | 1295515 | 2021-Jun-21 | |
| GB | 2001-Jun-21 | 10182095.9 | 2011-Sep-07 | EP 2364067 | 2013-Dec-11 | 2364067 | 2021-Jun-21 | |
| GB | 2001-Aug-14 | 01203099.5 | | EP 1182396 | 2009-Oct-14 | 1182396 | 2021-Aug-14 | |
| GB | 2001-Aug-31 | 01120981.4 | 2002-Mar-06 | EP 1183964 | 2003-Nov-05 | 1183964 | 2021-Aug-31 | |
| GB | 2001-Sep-05 | 01965257.7 | | EP 1321012 | 2005-Dec-14 | 1321012 | 2021-Sep-05 | |
| GB | 2001-Oct-25 | 01997118.3 | | EP 1337784 | 2009-Jun-17 | 1337784 | 2021-Oct-25 | |
| GB | 2001-Nov-09 | 01990408.5 | | EP 1338181 | 2006-Apr-12 | 1338181 | 2021-Nov-09 | |
| GB | 2001-Dec-03 | 01989575.4 | | EP 1346609 | 2005-Aug-10 | 1346609 | 2021-Dec-03 | |
| GB | 2001-Dec-06 | 01271514.0 | | EP 1259754 | 2011-Mar-02 | 1259754 | 2021-Dec-06 | |
| GB | 2001-Dec-12 | 01272187.4 | | EP 1348319 | 2005-Jun-08 | 1348319 | 2021-Dec-12 | |
| GB | 2001-Dec-20 | 01994819.9 | | EP 1399692 | 2008-Nov-05 | 1399692 | 2021-Dec-21 | |
| GB | 2002-Jan-14 | 02075145.9 | 2002-Jul-31 | EP 1227559 | 2011-Jul-27 | 1227559 | 2022-Jan-14 | |
| GB | 2002-Mar-14 | 02703803.3 | | EP 1374642 | 2007-Aug-08 | 1374642 | 2022-Mar-14 | |
| GB | 2002-May-10 | 02734387.0 | 2004-Feb-11 | EP 1388276 | 2011-Aug-10 | 1388276 | 2022-May-10 | |
| GB | 2002-May-30 | 02739485.7 | | EP 1393599 | 2010-May-05 | 1393599 | 2022-May-30 | |
| GB | 2002-Jun-07 | 02735758.1 | | EP 1399694 | 2006-Aug-09 | 1399694 | 2022-Jun-07 | |
| GB | 2002-Jun-21 | 02738518.6 | | EP 1405551 | 2008-Dec-10 | 1405551 | 2022-Jun-21 | |
| GB | 2002-Jul-23 | 02755430.2 | 2004-May-06 | EP 1415345 | 2014-Apr-23 | 1415345 | 2022-Jul-23 | |
| GB | 2002-Aug-09 | 02755483.1 | 2004-May-26 | EP 1421830 | 2011-Oct-12 | 1421830 | 2022-Aug-09 | |
| GB | 2002-Sep-17 | 02773430.0 | 2004-Jun-16 | EP 1428415 | 2012-Jul-18 | 1428415 | 2022-Sep-17 | |
| GB | 2002-Sep-30 | 02800685.6 | | EP 1438877 | 2006-May-10 | 1438877 | 2022-Sep-30 | |
| GB | 2002-Nov-15 | 02781532.3 | | EP 1459599 | 2008-Feb-27 | 1459599 | 2022-Nov-15 | |
| GB | 2002-Dec-09 | 02788334.7 | 2004-Sep-29 | EP 1461981 | 2017-Aug-30 | 1461981 | 2022-Dec-09 | |
| GB | 2002-Dec-18 | 02790614.8 | 2004-Sep-22 | EP 1459280 | 2012-Feb-15 | 1459280 | 2022-Dec-18 | |
| GB | 2002-Dec-19 | 02796002.0 | 2004-Sep-22 | EP 1459600 | 2014-Feb-26 | 1459600 | 2022-Dec-19 | |
| GB | 2002-Dec-20 | 02790641.1 | | EP 1461980 | 2006-Oct-25 | 1461980 | 2022-Dec-20 | |
| GB | 2003-Feb-06 | 03700452.0 | | EP 1479270 | 2006-Jul-05 | 1479270 | 2023-Feb-06 | |
| GB | 2003-Jun-12 | 03735929.6 | | EP 1518445 | 2009-May-06 | 1518445 | 2023-Jun-12 | |
| GB | 2003-Aug-28 | 03791823.2 | | EP 1535495 | 2010-Jan-13 | 1535495 | 2023-Aug-28 | |
| GB | 2003-Sep-03 | 03793997.2 | | EP 1537354 | 2009-Apr-29 | 1537354 | 2023-Sep-03 | |
| GB | 2003-Nov-11 | 03758604.7 | | EP 1568255 | 2010-Mar-03 | 1568255 | 2023-Nov-11 | |
| GB | 2003-Dec-11 | 03813686.7 | 2005-Sep-28 | EP 1579735 | 2016-Mar-09 | 1579735 | 2023-Dec-11 | |
| GB | 2003-Dec-11 | 03777081.5 | | EP 1576858 | 2008-Dec-03 | 1576858 | 2023-Dec-11 | |
| GB | 2003-Dec-18 | 03777121.9 | | EP 1579733 | 2008-Apr-09 | 1579733 | 2023-Dec-18 | |
| GB | 2004-Apr-21 | 15174450.5 | 2016-Apr-06 | EP 3002512 | 2018-Sep-19 | 3002512 | | |
| GB | 2004-Apr-21 | 04760087.9 | 2006-Feb-01 | EP 1620843 | 2015-Sep-02 | 1620843 | 2024-Apr-21 | |
| GB | 2004-Apr-22 | 04728861.8 | | EP 1623602 | 2007-Mar-07 | 1623602 | 2024-Apr-22 | |
| GB | 2004-Apr-30 | 04730612.1 | | EP 1623604 | 2008-Apr-16 | 1623604 | 2024-Apr-30 | |
| GB | 2004-Sep-01 | 04769910.3 | 2006-Jun-07 | EP 1665893 | 2016-Jul-06 | 1665893 | 2024-Sep-01 | |
| GB | 2004-Sep-07 | 04769950.9 | 2006-Jun-07 | EP 1665380 | | | 2024-Sep-07 | |
| GB | 2004-Sep-21 | 04770043.0 | 2006-Jun-14 | EP 1668622 | 2017-Apr-26 | 1668622 | 2024-Sep-21 | |
| GB | 2004-Nov-05 | 04799073.4 | 2006-Aug-02 | EP 1685745 | 2013-May-01 | 1685745 | 2024-Nov-05 | |
| GB | 2004-Nov-22 | 04811765.9 | | EP 1687692 | 2010-Apr-28 | 1687692 | 2024-Nov-22 | |
| GB | 2004-Dec-12 | 0427744.8 | | GB 2421367 | 2008-Sep-03 | 2421367 | 2024-Dec-12 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------|-------------|-----------|-------------|-------------------|
| GB | 2004-Dec-13 | 12198393.6 | 2013-Mar-27 | EP 2572932 | 2015-Apr-22 | 2572932 | 2024-Dec-13 | |
| GB | 2005-Mar-02 | 05724343.8 | 2006-Dec-13 | EP 1729615 | 2019-May-08 | 1729615 | 2025-Mar-02 | |
| GB | 2005-Mar-14 | 05725602.6 | 2006-Dec-13 | EP 1731004 | 2017-May-17 | 1731004 | 2025-Mar-14 | |
| GB | 2005-Apr-27 | 05731773.7 | | EP 1752024 | 2009-Nov-18 | 1752024 | 2025-Apr-27 | |
| GB | 2005-May-02 | 05733786.7 | 2007-Jan-24 | EP 1745681 | 2014-Nov-26 | 1745681 | 2025-May-02 | |
| GB | 2005-May-30 | 05104602.7 | 2005-Dec-14 | EP 1605199 | 2018-Jul-11 | 1605199 | 2025-May-30 | |
| GB | 2005-Jun-03 | 05748175.6 | | EP 1757169 | 2011-Apr-27 | 1757169 | 2025-Jun-03 | |
| GB | 2005-Jun-23 | 05751748.4 | | EP 1763650 | 2007-Dec-12 | 1763650 | 2025-Jun-23 | |
| GB | 2005-Jun-23 | 05759404.6 | 2007-Apr-25 | EP 1776628 | 2011-Nov-30 | 1776628 | 2025-Jun-23 | |
| GB | 2005-Jun-28 | 05752840.8 | 2007-Mar-28 | EP 1767065 | 2014-Jun-04 | 1767065 | 2025-Jun-28 | |
| GB | 2005-Jul-06 | 05761104.8 | 2007-Apr-04 | EP 1769560 | 2016-Sep-07 | 1769560 | 2025-Jul-06 | |
| GB | 2005-Jul-14 | 05763182.2 | 2007-Apr-11 | EP 1772044 | 2012-Sep-12 | 1772044 | 2025-Jul-14 | |
| GB | 2005-Aug-02 | 05772133.4 | 2007-May-09 | EP 1782660 | 2011-Oct-12 | 1782660 | 2025-Aug-02 | |
| GB | 2005-Aug-02 | 05773348.7 | | EP 1776722 | 2008-Jan-09 | 1776722 | 2025-Aug-02 | |
| GB | 2005-Aug-02 | 05773347.9 | | EP 1776544 | 2010-Jan-20 | 1776544 | 2025-Aug-02 | |
| GB | 2005-Aug-18 | 05776896.2 | 2007-Jun-13 | EP 1794811 | 2011-Jun-29 | 1794811 | 2025-Aug-18 | |
| GB | 2005-Sep-12 | 05782814.7 | 2007-Jun-13 | EP 1794491 | 2011-Jun-29 | 1794491 | 2025-Sep-12 | |
| GB | 2005-Sep-19 | 05783602.5 | 2007-Jul-11 | EP 1805452 | 2014-Apr-23 | 1805452 | 2025-Sep-19 | |
| GB | 2005-Sep-19 | 14162998.0 | 2014-Oct-15 | EP 2789894 | 2018-Dec-12 | 2789894 | 2025-Sep-19 | |
| GB | 2005-Sep-20 | 05783948.2 | 2007-Jun-27 | EP 1800204 | 2013-Apr-17 | 1800204 | 2025-Sep-20 | |
| GB | 2005-Oct-12 | 05791339.4 | 2007-Jun-27 | EP 1800401 | 2012-Apr-04 | 1800401 | 2025-Oct-12 | |
| GB | 2005-Nov-09 | 05809900.3 | | EP 1815536 | 2011-Feb-09 | 1815536 | 2025-Nov-09 | |
| GB | 2005-Nov-23 | 05810845.7 | 2007-Aug-29 | EP 1825717 | 2014-Jan-08 | 1825717 | 2025-Nov-23 | |
| GB | 2005-Nov-24 | 05826628.9 | | EP 1820373 | 2011-Jan-26 | 1820373 | 2025-Nov-24 | |
| GB | 2005-Nov-28 | 05807221.6 | 2007-Aug-29 | EP 1825515 | 2015-Nov-25 | 1825515 | 2025-Nov-28 | |
| GB | 2005-Dec-02 | 05815525.0 | | | 2017-Oct-04 | 1842399 | 2025-Dec-02 | |
| GB | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| GB | 2006-Apr-03 | 06716702.3 | 2007-Nov-29 | EP 1869365 | 2013-Jun-12 | 1869365 | 2026-Apr-03 | |
| GB | 2006-Apr-19 | 06727966.1 | 2006-Nov-02 | EP 1878319 | 2011-Nov-02 | 1878319 | 2026-Apr-19 | |
| GB | 2006-May-08 | 06770064.1 | 2008-Oct-29 | EP 1984667 | 2017-Aug-23 | 1984667 | 2026-May-08 | |
| GB | 2006-May-10 | 06744904.1 | | EP 1889112 | 2009-Jul-22 | 1889112 | 2026-May-10 | |
| GB | 2006-May-11 | 06744912.4 | 2008-Feb-20 | EP 1889518 | 2011-Dec-14 | 1889518 | 2026-May-11 | |
| GB | 2006-May-24 | 06765708.0 | | EP 1889519 | 2009-Mar-18 | 1889519 | 2026-May-24 | |
| GB | 2006-Jul-05 | 06766007.6 | 2008-Apr-02 | EP 1905273 | 2012-Apr-18 | 1905273 | 2026-Jul-05 | |
| GB | 2006-Sep-15 | 06821092.1 | 2008-Jun-18 | EP 1932178 | 2012-Feb-08 | 1932178 | 2026-Sep-15 | |
| GB | 2006-Sep-25 | 06821145.7 | 2008-Jun-18 | EP 1932394 | 2016-Apr-27 | 1932394 | 2026-Sep-25 | |
| GB | 2006-Oct-02 | 06809462.2 | 2008-Jun-25 | EP 1935085 | 2012-Mar-28 | 1935085 | 2026-Oct-02 | |
| GB | 2006-Oct-11 | 11173044.6 | 2011-Nov-30 | EP 2390866 | 2016-Sep-28 | 2390866 | 2026-Oct-11 | |
| GB | 2006-Oct-11 | 06812715.8 | | EP 1938298 | 2012-Jun-13 | 1938298 | 2026-Oct-11 | |
| GB | 2006-Oct-11 | 14166066.2 | 2014-Sep-17 | EP 2779146 | 2017-Jul-26 | 2779146 | 2026-Oct-11 | |
| GB | 2006-Nov-07 | 06821351.1 | | EP 1948995 | 2010-Apr-28 | 1948995 | 2026-Nov-07 | |
| GB | 2006-Nov-13 | 06821415.4 | 2008-Aug-06 | EP 1952055 | 2019-Jan-09 | 1952055 | 2026-Nov-13 | |
| GB | 2006-Nov-20 | 06821499.8 | | EP 1954975 | 2012-Jan-11 | 1954975 | 2026-Nov-20 | |
| GB | 2006-Dec-06 | 06832117.3 | 2008-Sep-03 | EP 1964451 | 2011-Jul-06 | 1964451 | 2026-Dec-06 | |
| GB | 2006-Dec-11 | 06832203.1 | | EP 1963735 | 2010-Sep-29 | 1963735 | 2026-Dec-11 | |
| GB | 2006-Dec-12 | 06842457.1 | 2008-Sep-03 | EP 1964449 | 2014-Jul-23 | 1964449 | 2026-Dec-12 | |
| GB | 2006-Dec-13 | 11155525.6 | 2011-May-25 | EP 2325670 | 2017-Oct-25 | 2325670 | 2026-Dec-13 | |
| GB | 2006-Dec-13 | 06842469.6 | 2008-Sep-10 | EP 1966624 | 2011-Jun-29 | 1966624 | 2026-Dec-13 | |
| GB | 2007-Jan-03 | 07716200.6 | 2008-Sep-24 | EP 1972183 | 2015-Mar-18 | 1972183 | 2027-Jan-03 | |
| GB | 2007-Mar-02 | 07713186.0 | 2008-Dec-03 | EP 1997352 | 2018-Oct-24 | 1997352 | 2027-Mar-02 | |
| GB | 2007-Mar-08 | 07710709.2 | 2008-Dec-03 | EP 1996857 | 2016-May-25 | 1996857 | 2027-Mar-08 | |
| GB | 2007-Apr-20 | 07735597.2 | 2009-Jan-21 | EP 2016804 | 2011-Jun-29 | 2016804 | 2027-Apr-20 | |
| GB | 2007-May-02 | 07735739.0 | 2009-Jan-28 | EP 2018795 | 2016-Dec-14 | 2018795 | 2027-May-02 | |
| GB | 2007-May-31 | 15177099.7 | 2016-Apr-27 | EP 3013124 | 2017-Jul-12 | 3013124 | 2027-May-31 | |
| GB | 2007-May-31 | 07736055.0 | 2009-Mar-04 | EP 2030483 | 2015-Oct-21 | 2030483 | 2027-May-31 | |
| GB | 2007-Jun-19 | 07789721.3 | 2009-Mar-25 | EP 2039069 | 2017-Apr-05 | 2039069 | 2027-Jun-19 | |
| GB | 2007-Jun-20 | 07789748.6 | 2009-Mar-25 | EP 2039227 | 2018-Mar-21 | 2039227 | 2027-Jun-20 | |
| GB | 2007-Jul-05 | 07825886.0 | | EP 2052181 | 2010-Mar-31 | 2052181 | 2027-Jul-05 | |
| GB | 2007-Aug-09 | 07836669.7 | 2009-Nov-18 | EP 2119318 | 2013-Oct-16 | 2119318 | 2027-Aug-09 | |
| GB | 2007-Aug-17 | 07800472.8 | 2009-May-06 | EP 2054662 | 2014-Oct-08 | 2054662 | 2027-Aug-17 | |
| GB | 2007-Aug-22 | 07800465.2 | 2009-May-13 | EP 2057867 | 2016-Nov-09 | 2057867 | 2027-Aug-22 | |
| GB | 2007-Sep-18 | 07826420.7 | | EP 2074658 | 2010-Mar-24 | 2074658 | 2027-Sep-18 | |
| GB | 2007-Sep-20 | 07815866.4 | 2009-Jun-10 | EP 2067381 | 2016-Sep-14 | 2067381 | 2027-Sep-20 | |
| GB | 2007-Sep-20 | 07826476.9 | | EP 2074866 | 2011-Mar-02 | 2074866 | 2027-Sep-20 | |
| GB | 2007-Sep-20 | 07826475.1 | 2009-Jul-15 | EP 2078446 | 2013-Apr-10 | 2078446 | 2027-Sep-20 | |
| GB | 2007-Oct-11 | 07826710.1 | 2009-Jul-01 | EP 2074451 | 2018-Aug-15 | 2074451 | 2027-Oct-11 | |
| GB | 2007-Oct-12 | 07826733.3 | 2009-Jul-29 | EP 2082167 | 2017-Feb-22 | 2082167 | 2027-Oct-12 | |
| GB | 2007-Oct-19 | 07861452.6 | 2009-Aug-12 | EP 2087776 | 2014-Dec-10 | 2087776 | 2027-Oct-19 | |

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|----------------|-------------|-----------|-------------|-------------------|
| GB | 2007-Oct-31 | 07816094.2 | 2009-Aug-12 | EP 2087772 | 2017-Sep-06 | 2087772 | 2027-Oct-31 | |
| GB | 2007-Nov-06 | 07826984.2 | | EP 2082620 | 2010-Jul-28 | 2082620 | 2027-Nov-06 | |
| GB | 2007-Nov-08 | 07827030.3 | | EP 2084945 | 2010-Mar-31 | 2084945A | 2027-Nov-08 | |
| GB | 2007-Nov-09 | 07840007.4 | | EP 2082621 | 2010-Jul-14 | 2082621 | 2027-Nov-09 | |
| GB | 2007-Nov-27 | 07862228.9 | 2009-Aug-19 | EP 2089656 | 2011-Mar-02 | 2089656 | 2027-Nov-27 | |
| GB | 2007-Nov-27 | 07849266.7 | 2009-Aug-26 | EP 2092669 | 2013-Jun-26 | 2092669 | 2027-Nov-27 | |
| GB | 2007-Dec-07 | 07849372.3 | 2009-Sep-23 | EP 2103190 | 2012-Oct-17 | 2103190 | 2027-Dec-07 | |
| GB | 2007-Dec-11 | 07855501.8 | 2009-Aug-26 | EP 2092797 | 2012-Nov-21 | 2092797 | 2027-Dec-11 | |
| GB | 2007-Dec-17 | 07849526.4 | 2009-Sep-02 | EP 2095353 | 2019-May-01 | 2095353 | 2027-Dec-17 | |
| GB | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | | |
| GB | 2008-Mar-19 | 08719767.9 | | EP 2126463 | 2010-Oct-27 | 2126463 | 2028-Mar-19 | |
| GB | 2008-Mar-31 | 08737675.2 | 2010-Jan-13 | EP 2143303 | 2012-Aug-08 | 2143303 | 2028-Mar-31 | |
| GB | 2008-Apr-04 | 08737714.9 | | EP 2135005 | 2010-Oct-06 | 2135005 | 2028-Apr-04 | |
| GB | 2008-Apr-11 | 08737808.9 | 2010-Jan-06 | EP 2140502 | 2017-Apr-05 | 2140502 | 2028-Apr-11 | |
| GB | 2008-Apr-21 | 08737928.5 | | EP 2143304 | 2010-Sep-15 | 2143304 | 2028-Apr-21 | |
| GB | 2008-Apr-23 | 08737957.4 | 2010-Jan-20 | EP 2145508 | 2018-Aug-15 | 2145508 | 2028-Apr-23 | |
| GB | 2008-Apr-28 | 08738006.9 | 2010-Jan-27 | EP 2147576 | 2014-Apr-16 | 2147576 | 2028-Apr-28 | |
| GB | 2008-May-01 | 08738061.4 | 2010-Jan-20 | EP 2145129 | 2014-Dec-03 | 2145129 | 2028-May-01 | |
| GB | 2008-May-01 | 14195242.4 | 2015-Apr-22 | EP 2863104 | | | | |
| GB | 2008-May-02 | 08747429.2 | 2010-Jan-27 | EP 2147244 | 2015-Dec-02 | 2147244 | 2028-May-02 | |
| GB | 2008-May-05 | 08738079.6 | 2010-Jan-27 | EP 2147349 | 2013-Jul-17 | 2147349 | 2028-May-05 | |
| GB | 2008-May-26 | 08763104.0 | 2010-Feb-10 | EP 2150851 | 2015-Mar-11 | 2150851 | 2028-May-26 | |
| GB | 2008-May-30 | 08763152.9 | 2010-Mar-10 | EP 2160731 | 2016-Jul-13 | 2160731 | 2028-May-30 | |
| GB | 2008-Jun-23 | 08763422.6 | 2010-Mar-17 | EP 2163132 | 2013-Oct-09 | 2163132 | 2028-Jun-23 | |
| GB | 2008-Jun-30 | 08789176.8 | 2010-Mar-24 | EP 2165576 | 2018-Aug-08 | 2165576 | 2028-Jun-30 | |
| GB | 2008-Jul-21 | 08789379.8 | | EP 2174531 | 2013-Jun-05 | 2174531 | 2028-Jul-21 | |
| GB | 2008-Aug-14 | 08789608.0 | | EP 2181565 | 2011-Apr-27 | 2181565 | 2028-Aug-14 | |
| GB | 2008-Sep-16 | 08807680.7 | 2010-Jul-07 | EP 2203679 | 2012-May-30 | 2203679 | 2028-Sep-16 | |
| GB | 2008-Oct-08 | 08838302.1 | 2010-Jul-21 | EP 2207998 | 2015-Sep-16 | 2207998 | 2028-Oct-08 | |
| GB | 2008-Oct-08 | 15170674.4 | 2016-Aug-03 | EP 3051586 | 2018-Feb-21 | 3051586 | 2028-Oct-08 | |
| GB | 2008-Nov-24 | 08855505.7 | 2010-Aug-18 | EP 2218308 | 2013-Jun-19 | 2218308 | 2028-Nov-24 | |
| GB | 2008-Nov-28 | 0821727.5 | 2010-Jun-09 | GB 20080021727 | 2011-Nov-16 | 2465966 | 2028-Nov-28 | |
| GB | 2008-Dec-02 | 08857778.8 | 2010-Sep-29 | EP 2232951 | 2011-Jul-06 | 2232951 | 2028-Dec-02 | |
| GB | 2008-Dec-16 | 08862035.6 | 2010-Oct-06 | EP 2235589 | 2018-Jul-25 | 2235589 | 2028-Dec-16 | |
| GB | 2008-Dec-22 | 08863774.9 | 2010-Oct-06 | EP 2235435 | 2013-Sep-11 | 2235435 | 2028-Dec-22 | |
| GB | 2008-Dec-29 | 08870459.8 | 2010-Sep-22 | EP 2229803 | 2011-Oct-26 | 2229803 | 2028-Dec-29 | |
| GB | 2009-Jun-12 | 09761216.2 | 2011-Mar-02 | EP 2288848 | 2018-Dec-26 | 2288848 | 2029-Jun-12 | |
| GB | 2009-Jul-10 | 09786561.2 | 2011-Mar-23 | EP 2297516 | 2012-Feb-22 | 2297516 | 2029-Jul-10 | |
| GB | 2009-Jul-22 | 09786664.4 | 2011-May-11 | EP 2319275 | 2013-Nov-20 | 2319275 | 2029-Jul-22 | |
| GB | 2009-Jul-22 | 09786669.3 | 2011-May-04 | EP 2316251 | 2012-May-09 | 2316251 | 2029-Jul-22 | |
| GB | 2009-Sep-02 | 09787073.7 | 2011-Jun-15 | EP 2332392 | 2018-Nov-14 | 2332392 | 2029-Sep-02 | |
| GB | 2009-Sep-04 | 09787096.8 | 2011-Jun-01 | EP 2326869 | 2016-Jun-29 | 2326869 | 2029-Sep-04 | |
| GB | 2009-Oct-02 | 09787352.5 | 2011-Jul-20 | EP 2345307 | 2013-Dec-11 | 2345307 | 2029-Oct-02 | |
| GB | 2009-Nov-12 | 09760323.7 | 2011-Aug-24 | EP 2359052 | 2016-Feb-10 | 2359052 | 2029-Nov-12 | |
| GB | 2009-Nov-27 | 09775293.5 | 2011-Oct-19 | EP 2377371 | 2016-Apr-20 | 2377371 | 2029-Nov-27 | |
| GB | 2009-Nov-30 | 09774962.6 | 2011-Nov-16 | EP 2386044 | 2015-Jul-29 | 2386044 | 2029-Nov-30 | |
| GB | 2010-Jan-04 | 10702737.7 | 2011-Nov-16 | EP 2386045 | 2015-Jun-17 | 2386045 | 2030-Jan-04 | |
| GB | 2010-Jan-05 | 10702908.4 | 2011-Nov-16 | EP 2386043 | 2016-Apr-13 | 2386043 | 2030-Jan-05 | |
| GB | 2010-Mar-15 | 10712534.6 | 2012-Feb-01 | EP 2412209 | 2018-Feb-21 | 2412209 | 2030-Mar-15 | |
| GB | 2010-Mar-30 | 10713725.9 | 2012-Feb-08 | EP 2414876 | 2017-Aug-23 | 2414876 | 2030-Mar-30 | |
| GB | 2010-Apr-01 | 13165685.2 | 2013-Aug-21 | EP 2629491 | 2014-Sep-17 | 2629491 | 2030-Apr-01 | |
| GB | 2010-Apr-01 | 10715358.7 | 2012-Feb-29 | EP 2422507 | 2013-Jun-19 | 2422507 | 2030-Apr-01 | |
| GB | 2010-May-05 | 10719619.8 | 2012-Mar-28 | EP 2433471 | 2018-Jul-18 | 2433471 | 2030-May-05 | |
| GB | 2010-May-21 | 10726288.3 | 2012-Apr-04 | EP 2435753 | 2013-May-15 | 2435753 | 2030-May-21 | |
| GB | 2010-May-21 | 13165765.2 | 2013-Aug-07 | EP 2623846 | 2016-Jul-20 | 2623846 | 2030-May-21 | |
| GB | 2010-May-26 | 10727919.2 | 2012-Apr-04 | EP 2435754 | 2016-Apr-27 | 2435754 | 2030-May-26 | |
| GB | 2010-Jun-04 | 10728329.3 | 2012-Apr-11 | EP 2438647 | 2013-Oct-16 | 2438647 | 2030-Jun-04 | |
| GB | 2010-Jun-09 | 10728345.9 | 2012-Apr-25 | EP 2443624 | 2014-Jan-08 | 2443624 | 2030-Jun-09 | |
| GB | 2010-Jun-11 | 10730223.4 | 2012-Apr-25 | EP 2443387 | 2016-Mar-02 | 2443387 | 2030-Jun-11 | |
| GB | 2010-Jun-14 | 10732438.6 | 2012-Apr-25 | EP 2443380 | 2014-Sep-10 | 2443380 | 2030-Jun-14 | |
| GB | 2010-Jun-15 | 10730851.2 | 2012-Apr-25 | EP 2443910 | 2013-Oct-09 | 2443910 | 2030-Jun-15 | |
| GB | 2010-Jun-22 | 10731600.2 | 2012-May-02 | EP 2446708 | 2019-Mar-27 | 2446708 | 2030-Jun-22 | |
| GB | 2010-Jul-14 | 10740369.3 | 2012-May-30 | EP 2457415 | 2014-Feb-26 | 2457415 | 2030-Jul-14 | |
| GB | 2010-Jul-19 | 10740379.2 | 2012-May-30 | EP 2457418 | 2013-Jan-16 | 2457418 | 2030-Jul-19 | |
| GB | 2010-Jul-27 | 10745008.2 | 2012-Jun-06 | EP 2460389 | 2013-May-01 | 2460389 | 2030-Jul-27 | |
| GB | 2010-Aug-18 | 10760766.5 | 2012-Jul-04 | EP 2471344 | 2013-Aug-07 | 2471344 | 2030-Aug-18 | |
| GB | 2010-Aug-30 | 10760770.7 | 2012-Jul-11 | EP 2473773 | 2018-Oct-17 | 2473773 | 2030-Aug-30 | |
| GB | 2010-Sep-01 | 10757276.0 | 2012-Jul-11 | EP 2474201 | 2017-Jun-28 | 2474201 | 2030-Sep-01 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement
List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------|-------------|-----------|-------------|-------------------|
| GB | 2010-Sep-07 | 10760057.9 | 2012-Jul-25 | EP 2478743 | 2014-Jun-11 | 2478743 | 2030-Sep-07 | |
| GB | 2010-Sep-09 | 10763438.8 | 2012-Aug-01 | EP 2481266 | 2014-Jun-04 | 2481266 | 2030-Sep-09 | |
| GB | 2010-Sep-09 | 10760066.0 | 2012-Aug-08 | EP 2480829 | 2014-Apr-16 | 2480829 | 2030-Sep-09 | |
| GB | 2010-Sep-13 | 10760080.1 | 2012-Jul-25 | EP 2478289 | 2013-Jun-05 | 2478289 | 2030-Sep-13 | |
| GB | 2010-Sep-29 | 10765686.0 | 2012-Aug-15 | EP 2486605 | 2017-Sep-13 | 2486605 | 2030-Sep-29 | |
| GB | 2010-Oct-29 | 10782402.1 | 2012-Sep-12 | EP 2497339 | 2017-Sep-20 | 2497339 | 2030-Oct-29 | |
| GB | 2010-Dec-10 | 10809182.8 | 2012-Oct-24 | EP 2514273 | 2015-May-06 | 2514273 | 2030-Dec-10 | |
| GB | 2011-Feb-28 | 11713358.7 | 2013-Jan-09 | EP 2542826 | 2018-Oct-24 | 2542826 | 2031-Feb-28 | |
| GB | 2011-Mar-11 | 11714109.3 | 2013-Jan-30 | EP 2550843 | 2018-Jan-24 | 2550843 | 2031-Mar-11 | |
| GB | 2011-Apr-01 | 11719657.6 | 2013-Feb-13 | EP 2556294 | 2015-Mar-25 | 2556294 | 2031-Apr-01 | |
| GB | 2011-Apr-27 | 11721826.3 | 2013-Mar-20 | EP 2569576 | 2016-Jul-06 | 2569576 | 2031-Apr-27 | |
| GB | 2011-Jun-16 | 11754735.6 | 2013-Apr-24 | EP 2583536 | 2015-Feb-11 | 2583536 | 2031-Jun-16 | |
| GB | 2011-Jun-24 | 11738309.1 | 2013-May-29 | EP 2596554 | 2014-Oct-29 | 2596554 | 2031-Jun-24 | |
| GB | 2011-Jun-30 | 11738821.5 | 2013-May-15 | EP 2591275 | 2017-Mar-01 | 2591275 | 2031-Jun-30 | |
| GB | 2011-Aug-05 | 11754507.9 | 2013-Jul-10 | EP 2612463 | 2014-Apr-16 | 2612463 | 2031-Aug-05 | |
| GB | 2011-Aug-11 | 11754522.8 | 2013-Jun-26 | EP 2606274 | 2018-Mar-28 | 2606274 | 2031-Aug-11 | |
| GB | 2011-Nov-15 | 11799321.2 | 2013-Oct-02 | EP 2644006 | 2018-Mar-28 | 2644006 | 2031-Nov-15 | |
| GB | 2011-Nov-16 | 11794283.9 | | | 2019-Jan-09 | 2681969 | | |
| GB | 2012-Jan-11 | 12703883.4 | 2013-Nov-20 | EP 2663806 | 2018-Jan-03 | 2663806 | 2031-Jan-14 | |
| GB | 2012-Apr-02 | 12716291.5 | 2014-Feb-12 | EP 2694867 | 2016-Aug-31 | 2694867 | 2032-Dec-02 | |
| GB | 2012-May-14 | 12724737.7 | 2014-Mar-26 | EP 2710860 | 2016-Nov-30 | 2710860 | 2032-May-14 | |
| GB | 2012-Oct-05 | 12795854.4 | 2014-Jul-02 | EP 2748975 | 2019-Apr-03 | 2748975 | 2032-Oct-05 | |
| GB | 2012-Oct-12 | 12798379.9 | 2014-Jul-02 | EP 2749130 | 2018-Jan-10 | 2749130 | 2032-Oct-12 | |
| GB | 2012-Oct-17 | 12781169.3 | 2014-Jul-02 | EP 2749128 | 2015-Jan-28 | 2749128 | 2032-Oct-17 | |
| GB | 2012-Oct-19 | 12841485.1 | 2014-Aug-27 | EP 2769142 | 2018-Feb-21 | 2769142 | 2032-Oct-19 | |
| GB | 2012-Oct-19 | 12808477.9 | 2014-Jun-25 | EP 2745626 | 2017-May-10 | 2745626 | 2032-Oct-19 | |
| GB | 2012-Oct-29 | 12812346.0 | 2014-Jul-09 | EP 2752090 | 2018-Jan-03 | 2752090 | 2032-Oct-29 | |
| GB | 2012-Dec-11 | 12820908.7 | 2014-Jul-02 | EP 2748688 | 2019-Feb-20 | 2748688 | 2031-Dec-13 | |
| GB | 2013-Jan-02 | 13703876.6 | 2014-Nov-12 | EP 2801240 | 2016-Apr-06 | 2801240 | 2033-Jan-02 | |
| GB | 2013-Jan-02 | 13703878.2 | 2014-Aug-06 | EP 2761978 | 2016-Apr-06 | 2761978 | 2033-Jan-02 | |
| GB | 2013-Jan-10 | 13705570.3 | 2014-Nov-19 | EP 2802805 | 2017-Oct-18 | 2802805 | 2033-Jan-10 | |
| GB | 2013-Jan-18 | 13707716.0 | 2014-Dec-10 | EP 2810532 | | | 2033-Jan-18 | |
| GB | 2013-Jan-25 | 13709554.3 | 2014-Dec-10 | EP 2810533 | 2015-Aug-05 | EP2810533 | 2033-Jan-25 | |
| GB | 2013-Feb-08 | 13713975.4 | 2014-Oct-08 | EP 2786640 | 2015-Jul-22 | 2786640 | 2033-Feb-08 | |
| GB | 2013-Feb-22 | 13717318.3 | 2014-Dec-31 | EP 2818028 | 2017-Apr-12 | 2818028 | 2033-Feb-22 | |
| GB | 2013-Feb-22 | 13717316.7 | 2014-Dec-17 | EP 2823691 | 2019-Apr-10 | 2823691 | | |
| GB | 2013-Mar-07 | 13720567.0 | 2015-Feb-04 | EP 2832183 | 2016-May-18 | 2832183 | 2033-Mar-07 | |
| GB | 2013-Mar-08 | 13721393.0 | 2015-Jan-28 | EP 2829158 | 2016-May-18 | 2829158 | 2033-Mar-08 | |
| GB | 2013-Mar-20 | 13721401.1 | 2015-Feb-04 | EP 2832184 | 2016-Jan-13 | 2832184 | 2033-Mar-20 | |
| GB | 2013-Apr-16 | 13726598.9 | 2015-Feb-25 | EP 2839204 | 2016-Dec-14 | 2839204 | 2033-Apr-16 | |
| GB | 2013-Apr-26 | 13727386.8 | 2015-Mar-18 | EP 2848091 | 2018-Nov-28 | 2848091 | | |
| GB | 2013-May-22 | 13736961.7 | 2015-Apr-08 | EP 2856490 | 2016-Mar-09 | 2856490 | 2033-May-22 | |
| GB | 2013-Jun-17 | 13750382.7 | 2015-May-06 | EP 2867982 | 2016-Mar-16 | 2867982 | 2033-Jun-17 | |
| GB | 2013-Jul-10 | 13765478.6 | 2015-May-20 | EP 2873310 | 2019-Feb-27 | 2873310 | | |
| GB | 2013-Jul-12 | 13765494.3 | 2015-May-20 | EP 2873299 | 2019-Jan-09 | 2873299 | | |
| GB | 2013-Jul-24 | 13745301.5 | | | 2018-Dec-12 | 2878171 | | |
| GB | 2013-Sep-17 | 13799377.0 | 2015-Jul-29 | EP 2898265 | 2016-Dec-07 | 2898265 | 2033-Sep-17 | |
| GB | 2013-Dec-02 | 13805599.1 | 2015-Oct-21 | EP 2932797 | 2017-Oct-04 | 2932797 | 2033-Dec-02 | |
| GB | 2014-Mar-05 | 14709902.2 | 2016-Jan-27 | EP 2976567 | 2017-May-10 | 2976567 | 2034-Mar-05 | |
| GB | 2014-Mar-12 | 14713924.0 | 2016-Feb-03 | EP | 2017-Feb-22 | 2979023 | 2034-Mar-12 | |
| GB | 2014-Jun-04 | 14728546.4 | 2016-Apr-13 | EP 3005834 | 2018-Mar-21 | 3005834 | 2034-Jun-04 | |
| GB | 2014-Jul-09 | 14738810.2 | 2016-Jun-08 | EP | 2017-Feb-22 | 3028541 | 2034-Jul-09 | |
| GB | 2014-Jul-23 | 14741900.6 | 2016-Jun-08 | EP 3028543 | 2018-Jan-17 | 3028543 | 2034-Jul-23 | |
| GB | 2014-Aug-27 | 14756047.8 | 2016-Jul-06 | EP 3039946 | 2017-May-31 | 3039946 | 2034-Aug-27 | |
| GB | 2014-Oct-14 | 14793310.5 | 2016-Aug-24 | EP 3058794 | 2018-Aug-29 | 3058794 | 2034-Oct-14 | |
| GB | 2014-Nov-12 | EP14799386.9 | 2016-Sep-28 | EP 3072359 | 2019-Mar-20 | 3072359 | | |
| GB | 2014-Dec-23 | 14819015.0 | 2015-Oct-28 | EP 2935980 | 2016-Jun-15 | 2935980 | | |
| GB | 2015-Feb-03 | EP15702484.5 | 2016-Sep-28 | EP 3071881 | 2017-Aug-23 | 3071881 | | |
| GB | 2015-Feb-23 | EP15706017.9 | 2016-Aug-31 | EP | 2017-Apr-12 | 3061320 | | |
| GB | 2015-Jun-24 | EP15731323.0 | 2017-May-10 | 3164928-A | | | | |
| GB | 2016-Apr-04 | 16713475.8 | 2018-Feb-14 | EP 3281270 | 2019-Jan-09 | 3281270 | | |
| GB | 2016-Apr-20 | 16721678.7 | 2017-Dec-27 | EP 3259959 | 2018-Jun-20 | 3259959 | | |
| GR | 2000-Nov-20 | 05076817.5 | 2005-Dec-28 | EP 1610593 | 2015-Jul-08 | 1610593 | 2020-Nov-20 | |
| GR | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| HK | 1998-Aug-26 | 00104718.3 | 2000-Nov-10 | 1025416 | 2002-Nov-01 | 1025416 | 2018-Aug-26 | |
| HK | 2001-Apr-24 | 08106879.5 | 2012-Jul-27 | 1112153-B | 2012-Jul-27 | 1112153 | 2021-Apr-24 | |
| HK | 2001-Jun-21 | 03106910.1 | 2003-Dec-12 | 1054839A | 2012-Oct-05 | 1054839B | 2021-Jun-21 | |
| HK | 2004-Apr-21 | 06108506.4 | 2006-Nov-03 | 1088431 | 2016-Aug-19 | 1088431B | 2024-Apr-21 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|-----------------|-------------|------------|-------------|-------------------|
| HK | 2005-Jun-23 | 08101283.6 | 2014-Jun-20 | 1110661B | 2014-Jun-20 | 08101283.6 | 2025-Jun-23 | |
| HK | 2005-Oct-12 | 08104443.7 | 2012-Aug-31 | 1114958-B | 2012-Aug-31 | 1114958 | 2025-Oct-12 | |
| HK | 2005-Dec-02 | 08102545.8 | | | 2012-Aug-10 | HK1111856 | 2028-Mar-05 | |
| HK | 2012-Aug-10 | 12107883.1 | 2012-Nov-23 | HK 1167202 | 2016-Sep-21 | 1167202B | | |
| HU | 2003-Aug-28 | 03791823.2 | | EP 1535495 | 2010-Jan-13 | E007648 | 2023-Aug-28 | |
| HU | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| HU | 2006-May-08 | 06770064.1 | 2008-Oct-29 | EP 1984667 | 2017-Aug-23 | 1984667 | 2026-May-08 | |
| HU | 2006-May-24 | 06765708.0 | | | 2009-Mar-18 | E005833 | 2026-May-24 | |
| ID | 2014-Jul-09 | P-00 2016 00485 | | | | | | |
| IE | 1998-Jul-28 | 98937339.4 | 2000-May-17 | EP 1000295 | 2014-Jul-23 | 1000295 | 2018-Jul-28 | |
| IE | 1999-Sep-03 | 03011110.8 | 2004-Feb-25 | EP 1391650 | 2014-Feb-26 | 1391650 | 2019-Sep-03 | |
| IE | 2000-Nov-20 | 05076817.5 | 2005-Dec-28 | EP 1610593 | 2015-Jul-08 | 1610593 | 2020-Nov-20 | |
| IE | 2001-Apr-24 | 03028671.0 | | EP 1422975 | 2010-Apr-14 | 1422975 | 2021-Apr-24 | |
| IE | 2001-Apr-24 | 07075990.7 | 2008-Feb-13 | EP 1887836 | 2012-Mar-07 | 1887836 | 2021-Apr-24 | |
| IE | 2003-Aug-28 | 03791823.2 | | EP 1535495 | 2010-Jan-13 | 1535495 | 2023-Aug-28 | |
| IE | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| IE | 2006-May-08 | 06770064.1 | 2008-Oct-29 | EP 1984667 | 2017-Aug-23 | 1984667 | 2026-May-08 | |
| IE | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | | |
| IE | 2010-Jun-11 | 10730223.4 | 2012-Apr-25 | EP 2443387 | 2016-Mar-02 | 2443387 | 2030-Jun-11 | |
| IE | 2014-Jun-04 | 14728546.4 | 2016-Apr-13 | EP 3005834 | 2018-Mar-21 | 3005834 | 2034-Jun-04 | |
| IN | 1999-Sep-17 | IN/PCT/00/00088 | | | 2007-Oct-08 | 210549 | 2019-Sep-17 | |
| IN | 2000-Jun-22 | IN/PCT/01/00256 | | | 2007-Nov-13 | 211993 | 2020-Jun-22 | |
| IN | 2005-Dec-02 | 2338/KOLNP/2007 | | | 2015-Nov-30 | 270149 | 2025-Dec-02 | |
| IN | 2006-May-11 | 5409/CHENP/2007 | | | 2016-Mar-11 | 271955 | 2026-May-11 | |
| IN | 2006-May-24 | 5411/CHENP/2007 | | | 2015-Jun-16 | 266914 | 2026-May-24 | |
| IN | 2006-Sep-15 | 1527/CHENP/2008 | | | 2016-May-31 | 273359 | 2026-Sep-15 | |
| IN | 2006-Sep-25 | 1494/CHENP/2008 | | | | | 2026-Sep-25 | |
| IN | 2006-Nov-13 | 2472/CHENP/2008 | | | 2016-Dec-16 | 278219 | 2026-Nov-13 | |
| IN | 2006-Nov-20 | 2527/CHENP/2008 | | | 2017-Jan-20 | 279420 | 2026-Nov-20 | |
| IN | 2006-Dec-12 | 2959/CHENP/2008 | | | 2016-Nov-09 | 277063 | 2026-Dec-12 | |
| IN | 2007-Jan-26 | 4002/CHENP/2008 | | | 2016-Oct-19 | 276394 | 2027-Jan-26 | |
| IN | 2007-Mar-02 | 4704/CHENP/2008 | | | 2016-Oct-21 | 276461 | 2027-Mar-02 | |
| IN | 2007-Apr-20 | 5937/CHENP/2008 | | | 2016-Aug-05 | 274743 | 2027-Apr-20 | |
| IN | 2007-Jun-19 | 6765/CHENP/2008 | | | 2018-Apr-09 | 295589 | 2027-Jun-19 | |
| IN | 2007-Aug-09 | 4602/CHENP/2009 | | | 2018-Dec-19 | 304668 | 2027-Aug-09 | |
| IN | 2007-Aug-17 | 882/CHENP/2009 | | | 2018-Feb-13 | 292863 | 2027-Aug-17 | |
| IN | 2007-Aug-22 | 974/CHENP/2009 | | | 2018-May-31 | 297272 | 2027-Aug-22 | |
| IN | 2007-Sep-18 | 2289/CHENP/2009 | | | | | 2027-Sep-18 | |
| IN | 2007-Sep-20 | 2045/CHENP/2009 | | | | | 2027-Sep-20 | |
| IN | 2007-Sep-20 | 2426/CHENP/2009 | | | | | 2027-Sep-20 | |
| IN | 2007-Sep-20 | 2431/CHENP/2009 | | | | | 2027-Sep-20 | |
| IN | 2007-Oct-11 | 2645/CHENP/2009 | | | 2017-Oct-09 | 288178 | 2027-Oct-11 | |
| IN | 2007-Oct-12 | 2642/CHENO/2009 | | | 2018-Jan-18 | 291839 | 2027-Oct-12 | |
| IN | 2007-Oct-19 | 2701/CHENP/2009 | | | 2017-Jul-11 | 285046 | 2027-Oct-19 | |
| IN | 2007-Oct-31 | 3012/CHENP/2009 | | | 2017-Oct-19 | 288532 | 2027-Oct-31 | |
| IN | 2007-Nov-08 | 3282/CHENP/2009 | | | 2017-Oct-24 | 288605 | 2027-Nov-08 | |
| IN | 2007-Nov-09 | 3217/CHENP/2009 | | | | | 2027-Nov-09 | |
| IN | 2007-Nov-27 | 3697/CHENP/2009 | | | 2019-Apr-04 | 310884 | 2027-Nov-27 | |
| IN | 2007-Nov-27 | 3470/CHENP/2009 | | | 2017-Nov-08 | 289384 | 2027-Nov-27 | |
| IN | 2007-Dec-07 | 3934/CHENP/2009 | | | | | 2027-Dec-07 | |
| IN | 2007-Dec-11 | 4032/CHENP/2009 | | | | | 2027-Dec-11 | |
| IN | 2007-Dec-11 | 4031/CHENP/2009 | | | 2017-Dec-05 | 290267 | 2027-Dec-11 | |
| IN | 2007-Dec-17 | 4206/CHENP/2009 | | | | | 2027-Dec-17 | |
| IN | 2008-Mar-19 | 6076/CHENP/2009 | | | | | 2028-Mar-19 | |
| IN | 2008-Mar-31 | 6310/CHENP/2009 | | | 2017-Jul-31 | 285915 | 2028-Mar-31 | |
| IN | 2008-Apr-11 | 6602/CHENP/2009 | | | 2018-Mar-26 | 294852 | 2028-Apr-11 | |
| IN | 2008-Apr-23 | 6827/CHENP/2009 | | | 2018-Jan-10 | 291584 | 2028-Apr-23 | |
| IN | 2008-May-01 | 6974/CHENP/2009 | | | 2017-Nov-02 | 289132 | 2028-May-01 | |
| IN | 2008-May-02 | 7333/CHENP/2009 | | | | | 2028-May-02 | |
| IN | 2008-May-02 | 7026/CHENP/2009 | | | 2017-Oct-17 | 288489 | 2028-May-02 | |
| IN | 2008-Sep-16 | 2280/CHENP/2010 | | | 2018-Mar-15 | 294365 | 2028-Sep-16 | |
| IN | 2008-Oct-08 | 2584/CHENP/2010 | | | | | 2028-Oct-08 | |
| IN | 2008-Dec-02 | 4134/CHENP/2010 | | | 2019-Mar-26 | 309898 | 2028-Dec-02 | |
| IN | 2008-Dec-02 | 4135/CHENP/2010 | | | | | 2028-Dec-02 | |
| IN | 2008-Dec-22 | 4501/CHENP/2010 | | | | | 2028-Dec-22 | |
| IN | 2008-Dec-29 | 4633/CHENP/2010 | | | | | 2028-Dec-29 | |
| IN | 2009-Apr-03 | 6994/CHENP/2010 | 2011-Jul-22 | 6994/CHENP/2010 | | | 2029-Apr-03 | |
| IN | 2009-May-20 | 8111/CHENP/2010 | | | 2018-Oct-09 | 301984 | 2029-May-20 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|-------------------|-------------|-----------|-------------|-------------------|
| IN | 2009-Jun-12 | 177/CHENP/2011 | | | | | 2029-Jun-12 | |
| IN | 2009-Jul-10 | 800/CHENP/2011 | | | | | 2029-Jul-10 | |
| IN | 2009-Jul-22 | 1260/CHENP/2011 | | | 2018-Jul-05 | 298534 | 2029-Jul-22 | |
| IN | 2009-Nov-12 | 4162/CHENP/2011 | | | | | 2029-Nov-12 | |
| IN | 2009-Nov-27 | 4708/CHENP/2011 | | | 2019-Mar-07 | 308776 | 2029-Nov-27 | |
| IN | 2009-Nov-30 | 5643/CHENP/2011 | | | 2018-Aug-02 | 299664 | 2029-Nov-30 | |
| IN | 2010-Jan-04 | 5641/CHENP/2011 | | | | | 2030-Jan-04 | |
| IN | 2010-Mar-15 | 7601/CHENP/2011 | | | | | 2030-Mar-15 | |
| IN | 2010-Mar-30 | 7929/CHENP/2011 | | | 2019-Mar-14 | 309228 | 2030-Mar-30 | |
| IN | 2010-Apr-01 | 8340/CHENP/2011 | | | | | 2030-Apr-01 | |
| IN | 2010-Apr-23 | 8629/CHENP/2011 | | | | | 2030-Apr-23 | |
| IN | 2010-May-05 | 9452/CHENP/2011 | | | 2018-Sep-05 | 300747 | 2030-May-05 | |
| IN | 2010-May-21 | 9567/CHENP/2011 | | | | | 2030-May-21 | |
| IN | 2010-May-26 | 9568/CHENP/2011 | | | | | 2030-May-26 | |
| IN | 2010-Jun-09 | 272/CHENP/2012 | | | | | 2030-Jun-09 | |
| IN | 2010-Jun-11 | 277/CHENP/2012 | | | | | 2030-Jun-11 | |
| IN | 2010-Jun-14 | 298/CHENP/2012 | | | | | 2030-Jun-14 | |
| IN | 2010-Jun-15 | 271/CHENP/2012 | | | | | 2030-Jun-15 | |
| IN | 2010-Jul-14 | 975/CHENP/2012 | | | | | 2030-Jul-14 | |
| IN | 2010-Aug-18 | 1526/CHENP/2012 | | | | | 2030-Aug-18 | |
| IN | 2010-Aug-30 | 1590/CHENP/2012 | | | | | 2030-Aug-30 | |
| IN | 2010-Sep-01 | 1713/CHENP/2012 | | | | | 2030-Sep-01 | |
| IN | 2010-Sep-07 | 2429/CHENP/2012 | | | 2018-Oct-03 | 301800 | 2030-Sep-07 | |
| IN | 2010-Sep-09 | 2155/CHENP/2012 | | | | | 2030-Sep-09 | |
| IN | 2010-Sep-09 | 2157/CHENP/2012 | | | | | 2030-Sep-09 | |
| IN | 2010-Sep-29 | 2777/CHENP/2012 | | | | | 2030-Sep-29 | |
| IN | 2010-Oct-07 | 3894/CHENP/2012 | 2014-Feb-14 | 894/CHENP/2012-A | | | 2030-Oct-07 | |
| IN | 2010-Oct-29 | 3461/CHENP/2012 | | | | | 2030-Oct-29 | |
| IN | 2010-Nov-22 | 5138/CHENP/2012 | | | | | 2030-Nov-22 | |
| IN | 2010-Dec-10 | 4628/CHENP/2012 | | | | | 2030-Dec-10 | |
| IN | 2011-Feb-28 | 7115/CHENP/2012 | | | | | 2031-Feb-28 | |
| IN | 2011-Mar-11 | 7755/CHENP/2012 | | | | | 2031-Mar-11 | |
| IN | 2011-Apr-01 | 8057/CHENP/2012 | | | | | 2031-Apr-01 | |
| IN | 2011-Apr-27 | 8526/CHENP/2012 | | | | | 2031-Apr-27 | |
| IN | 2011-Jun-30 | 350/CHENP/2013 | 2016-May-20 | 350/CHENP/2013-A | | | 2031-Jun-30 | |
| IN | 2011-Aug-05 | 1745/CHENP/2013 | 2016-Aug-31 | 745/CHENP/2013-A | | | 2031-Aug-05 | |
| IN | 2011-Aug-11 | 1305/CHENP/2013 | | | | | 2031-Aug-11 | |
| IN | 2011-Nov-15 | 3715/CHENP/2013 | | | | | 2031-Nov-15 | |
| IN | 2012-Jan-11 | 6499/CHENP/2013 | | | | | 2032-Jan-11 | |
| IN | 2012-Mar-16 | 8351/CHENP/2013 | | | | | 2032-Mar-16 | |
| IN | 2012-Mar-22 | 8350/CHENP/2013 | | | | | 2032-Mar-22 | |
| IN | 2012-Mar-27 | 8352/CHENP/2013 | | | | | 2032-Mar-27 | |
| IN | 2012-Apr-02 | 8224/CHENP/2013 | 2014-Dec-12 | 1224/CHENP/2013 A | | | 2032-Apr-02 | |
| IN | 2012-May-14 | 9366/CHENP/2013 | | | | | 2032-May-14 | |
| IN | 2012-Oct-05 | 2303/CHENP/2014 | | | | | 2032-Oct-05 | |
| IN | 2012-Oct-12 | 2381/CHENP/2014 | | | | | 2032-Oct-12 | |
| IN | 2012-Oct-17 | 2654/CHENP/2014 | | | | | 2032-Oct-17 | |
| IN | 2012-Oct-19 | 3663/CHENP/2014 | | | | | 2032-Oct-19 | |
| IN | 2012-Oct-19 | 2538/CHENP/2014 | | | | | 2032-Oct-19 | |
| IN | 2012-Oct-29 | 3404/CHENP/2014 | | | | | 2032-Oct-29 | |
| IN | 2012-Dec-11 | 4755/CHENP/2014 | | | | | 2032-Dec-11 | |
| IN | 2013-Jan-02 | 2647/CHENP/2014 | | | | | 2033-Jan-02 | |
| IN | 2013-Jan-02 | 5398/CHENP/2014 | | | | | 2033-Jan-02 | |
| IN | 2013-Jan-02 | 5395/CHENP/2014 | | | | | 2033-Jan-02 | |
| IN | 2013-Jan-10 | 5544/CHENP/2014 | | | | | 2033-Jan-10 | |
| IN | 2013-Jan-18 | 5980/CHENP/2014 | 2016-Jul-01 | 980/CHENP/2014-A | | | 2033-Jan-18 | |
| IN | 2013-Jan-25 | 5984/CHENP/2014 | 2016-Jul-01 | 984/CHENP/2014 A | | | 2033-Jan-25 | |
| IN | 2013-Jan-25 | 6044/CHENP/2014 | 2016-Jul-01 | 1044/CHENP/2014 A | | | 2033-Jan-25 | |
| IN | 2013-Feb-08 | 6256/CHENP/2014 | 2016-Jul-01 | 1256/CHENP/2014 A | | | 2033-Feb-08 | |
| IN | 2013-Feb-22 | 7083/CHENP/2014 | 2016-Jul-01 | 1083/CHENP/2014 A | | | 2033-Feb-22 | |
| IN | 2013-Feb-22 | 6342/CHENP/2014 | 2016-Jul-01 | 1342/CHENP/2014 A | | | 2033-Feb-22 | |
| IN | 2013-Mar-07 | 7177/CHENP/2014 | 2016-Jul-01 | 1177/CHENP/2014-A | | | 2033-Mar-07 | |
| IN | 2013-Mar-08 | 7073/CHENP/2014 | 2016-Jul-01 | 1073/CHENP/2014-A | | | 2033-Mar-08 | |
| IN | 2013-Mar-20 | 7270/CHENP/2014 | 2016-Jul-01 | 1270/CHENP/2014 A | | | 2033-Mar-20 | |
| IN | 2013-Apr-02 | 7646/CHENP/2014 | 2016-Jul-01 | 1646/CHENP/2014 A | | | 2033-Apr-02 | |
| IN | 2013-Apr-26 | 8358/CHENP/2014 | 2016-Jul-01 | 1358/CHENP/2014 A | | | 2033-Apr-26 | |
| IN | 2013-May-22 | 9058/CHENP/2014 | 2016-Jul-01 | 1058/CHENP/2014 A | | | 2033-May-22 | |
| IN | 2013-Jun-17 | 133/CHENP/2015 | 2016-Jul-01 | 133/CHENP/2015 A | | | 2033-Jun-17 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------------|-------------|-----------|-------------|-------------------|
| IN | 2013-Jul-10 | 669/CHENP/2015 | 2016-Jul-01 | 669/CHENP/2015 A | | | | |
| IN | 2013-Jul-12 | 672/CHENP/2015 | 2016-Jul-01 | 572/CHENP/2015-A | | | | |
| IN | 2013-Sep-17 | 1936/CHENP/2015 | | | | | | |
| IN | 2013-Dec-02 | 3977/CHENP/2015 | | | | | | |
| IN | 2014-Mar-05 | 5991/CHENP/2015 | | | | | | |
| IN | 2014-Mar-12 | 6604/CHENP/2015 | | | | | | |
| IN | 2014-Apr-02 | 6862/CHENP/2015 | 2016-Aug-31 | 862/CHENP/2015-A | | | | |
| IN | 2014-Jun-04 | 7943/CHENP/2015 | | | | | | |
| IN | 2014-Jul-09 | 201647002051 | | | | | | |
| IN | 2014-Jul-23 | 201647002050 | | | | | | |
| IN | 2014-Aug-27 | 8094/CHENP/2015 | | | | | | |
| IN | 2014-Oct-14 | 201647016574 | 2016-Aug-31 | 201647016574-A | | | | |
| IN | 2014-Nov-12 | 201647020701 | 2016-Aug-31 | 201647020701-A | | | | |
| IN | 2014-Dec-23 | 4680/CHENP/2015 | | | | | | |
| IN | 2015-Feb-03 | 201647019512 | 2016-Aug-31 | 201647019512-A | | | | |
| IN | 2015-Feb-23 | 201647018659 | 2016-Aug-26 | 201647018659-A | | | | |
| IN | 2015-Jun-19 | 201747002892 | 2017-May-26 | 201747002892 A | | | | |
| IN | 2015-Jun-24 | 201747003833 | 2017-Jun-02 | IN 201747003833 | | | | |
| IN | 2015-Sep-25 | 201747015844 | | | | | | |
| IN | 2015-Nov-03 | 201747019231 | | | | | | |
| IN | 2016-Apr-04 | 201747038993 | 2017-Dec-15 | IN 201747038993 | | | | |
| IN | 2016-Apr-20 | 201747034432 | 2017-Oct-06 | IN 201747034432 | | | | |
| IN | 2016-Nov-22 | 201847012645 | | | | | | |
| IT | 1998-Jan-22 | 98900141.7 | 1999-Jan-13 | EP 0890059 | 2004-Jun-23 | 0890059 | 2018-Jan-22 | |
| IT | 1998-Jul-28 | 98937339.4 | 2000-May-17 | EP 1000295 | 2014-Jul-23 | 1000295 | 2018-Jul-28 | |
| IT | 1998-Aug-26 | 98944539.0 | | EP 1016062 | 2002-Aug-07 | 1016062 | 2018-Aug-26 | |
| IT | 1998-Aug-26 | 01130297.3 | 2002-Apr-10 | EP 1195740 | 2017-Nov-22 | 1195740 | 2018-Aug-26 | |
| IT | 1998-Dec-17 | 98964035.4 | 1999-Jun-24 | EP 1040398 | 2018-Feb-21 | 1040398 | 2018-Dec-17 | |
| IT | 1999-Sep-03 | 99943116.6 | | EP 1110198 | 2003-Nov-05 | 1110198 | 2019-Sep-03 | |
| IT | 1999-Sep-03 | 03011110.8 | 2004-Feb-25 | EP 1391650 | 2014-Feb-26 | 1391650 | 2019-Sep-03 | |
| IT | 1999-Sep-08 | 99969780.8 | 2000-Nov-02 | EP 1047904 | 2013-Apr-24 | 1047904 | 2019-Sep-08 | |
| IT | 1999-Sep-17 | 99948820.8 | | EP 1046196 | 2008-Jan-16 | 1046196 | 2019-Sep-17 | |
| IT | 2000-Apr-06 | 00926827.7 | 2001-Apr-04 | EP 1088350 | 2011-Nov-23 | 1088350 | 2020-Apr-06 | |
| IT | 2000-Jun-22 | 00947862.9 | | EP 1108180 | 2008-Jul-30 | 1108180 | 2020-Jun-22 | |
| IT | 2000-Jul-14 | 05077467.8 | | EP 1624728 | 2009-May-06 | 1624728 | 2020-Jul-14 | |
| IT | 2000-Jul-14 | 00950360.8 | 2002-Jul-24 | EP 1224845 | 2005-Nov-02 | 1224845 | 2020-Jul-14 | |
| IT | 2000-Jul-14 | 09160257.3 | | EP 2139299 | 2011-Mar-02 | 2139299 | 2020-Jul-14 | |
| IT | 2000-Nov-20 | 05076817.5 | 2005-Dec-28 | EP 1610593 | 2015-Jul-08 | 1610593 | 2020-Nov-20 | |
| IT | 2000-Nov-20 | 00980578.9 | 2002-Aug-28 | EP 1234140 | 2005-Aug-10 | 1234140 | 2020-Nov-20 | |
| IT | 2000-Dec-01 | 00126263.3 | 2001-Jun-13 | EP 1106915 | 2002-Sep-25 | 1106915 | 2020-Dec-01 | |
| IT | 2001-Apr-24 | 07075990.7 | 2008-Feb-13 | EP 1887836 | 2012-Mar-07 | 1887836 | 2021-Apr-24 | |
| IT | 2001-Apr-24 | 03028671.0 | | EP 1422975 | 2010-Apr-14 | 1422975 | 2021-Apr-24 | |
| IT | 2001-Jun-21 | 01948546.5 | 2003-Mar-26 | EP 1295515 | 2011-Dec-28 | 1295515 | 2021-Jun-21 | |
| IT | 2001-Jun-21 | 10182095.9 | 2011-Sep-07 | EP 2364067 | 2013-Dec-11 | 2364067 | 2021-Jun-21 | |
| IT | 2001-Aug-14 | 01203099.5 | | EP 1182396 | 2009-Oct-14 | 1182396 | 2021-Aug-14 | |
| IT | 2001-Aug-31 | 01120981.4 | 2002-Mar-06 | EP 1183964 | 2003-Nov-05 | 1183964 | 2021-Aug-31 | |
| IT | 2001-Oct-25 | 01997118.3 | | EP 1337784 | 2009-Jun-17 | 1337784 | 2021-Oct-25 | |
| IT | 2001-Dec-20 | 01994819.9 | | EP 1399692 | 2008-Nov-05 | 1399692 | 2021-Dec-21 | |
| IT | 2002-Jan-14 | 02075145.9 | 2002-Jul-31 | EP 1227559 | 2011-Jul-27 | 1227559 | 2022-Jan-14 | |
| IT | 2002-May-10 | 02734387.0 | 2004-Feb-11 | EP 1388276 | 2011-Aug-10 | 1388276 | 2022-May-10 | |
| IT | 2002-May-30 | 02739485.7 | | EP 1393599 | 2010-May-05 | 1393599 | 2022-May-30 | |
| IT | 2002-Jun-21 | 02738518.6 | | EP 1405551 | 2008-Dec-10 | 1405551 | 2022-Jun-21 | |
| IT | 2002-Jul-23 | 02755430.2 | 2004-May-06 | EP 1415345 | 2014-Apr-23 | 1415345 | 2022-Jul-23 | |
| IT | 2002-Sep-17 | 02773430.0 | 2004-Jun-16 | EP 1428415 | 2012-Jul-18 | 1428415 | 2022-Sep-17 | |
| IT | 2002-Dec-19 | 02796002.0 | 2004-Sep-22 | EP 1459600 | 2014-Feb-26 | 1459600 | 2022-Dec-19 | |
| IT | 2003-Aug-28 | 03791823.2 | | EP 1535495 | 2010-Jan-13 | 1535495 | 2023-Aug-28 | |
| IT | 2003-Nov-11 | 03758604.7 | | EP 1568255 | 2010-Mar-03 | 1568255 | 2023-Nov-11 | |
| IT | 2003-Dec-11 | 03813686.7 | 2005-Sep-28 | EP 1579735 | 2016-Mar-09 | 1579735 | 2023-Dec-11 | |
| IT | 2003-Dec-11 | 03777081.5 | | EP 1576858 | 2008-Dec-03 | 1576858 | 2023-Dec-11 | |
| IT | 2004-Apr-21 | 04760087.9 | 2006-Feb-01 | EP 1620843 | 2015-Sep-02 | 1620843 | 2024-Apr-21 | |
| IT | 2004-Apr-21 | 15174450.5 | 2016-Apr-06 | EP 3002512 | 2018-Sep-19 | 3002512 | | |
| IT | 2004-Sep-21 | 04770043.0 | 2006-Jun-14 | EP 1668622 | 2017-Apr-26 | 1668622 | 2024-Sep-21 | |
| IT | 2004-Nov-22 | 04811765.9 | | EP 1687692 | 2010-Apr-28 | 1687692 | 2024-Nov-22 | |
| IT | 2005-Jun-23 | 05759404.6 | 2007-Apr-25 | EP 1776628 | 2011-Nov-30 | 1776628 | 2025-Jun-23 | |
| IT | 2005-Jun-28 | 05752840.8 | 2007-Mar-28 | EP 1767065 | 2014-Jun-04 | 1767065 | 2025-Jun-28 | |
| IT | 2005-Jul-06 | 05761104.8 | 2007-Apr-04 | EP 1769560 | 2016-Sep-07 | 1769560 | 2025-Jul-06 | |
| IT | 2005-Aug-02 | 05772133.4 | 2007-May-09 | EP 1782660 | 2011-Oct-12 | 1782660 | 2025-Aug-02 | |
| IT | 2005-Sep-19 | 05783602.5 | 2007-Jul-11 | EP 1805452 | 2014-Apr-23 | 1805452 | 2025-Sep-19 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------|-------------|-----------|-------------|-------------------|
| IT | 2005-Sep-19 | 14162998.0 | 2014-Oct-15 | EP 2789894 | 2018-Dec-12 | 2789894 | 2025-Sep-19 | |
| IT | 2005-Oct-12 | 05791339.4 | 2007-Jun-27 | EP 1800401 | 2012-Apr-04 | 1800401 | 2025-Oct-12 | |
| IT | 2005-Nov-09 | 05809900.3 | | EP 1815536 | 2011-Feb-09 | 1815536 | 2025-Nov-09 | |
| IT | 2005-Nov-23 | 05810845.7 | 2007-Aug-29 | EP 1825717 | 2014-Jan-08 | 1825717 | 2025-Nov-23 | |
| IT | 2005-Dec-02 | 05815525.0 | | | 2017-Oct-04 | 1842399 | 2025-Dec-02 | |
| IT | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| IT | 2006-Apr-03 | 06716702.3 | 2007-Nov-29 | EP 1869365 | 2013-Jun-12 | 1869365 | 2026-Apr-03 | |
| IT | 2006-Apr-19 | 06727966.1 | 2006-Nov-02 | EP 1878319 | 2011-Nov-02 | 1878319 | 2026-Apr-19 | |
| IT | 2006-May-08 | 06770064.1 | 2008-Oct-29 | EP 1984667 | 2017-Aug-23 | 1984667 | 2026-May-08 | |
| IT | 2006-May-11 | 06744912.4 | 2008-Feb-20 | EP 1889518 | 2011-Dec-14 | 1889518 | 2026-May-11 | |
| IT | 2006-May-24 | 06765708.0 | | EP 1889519 | 2009-Mar-18 | 1889519 | 2026-May-24 | |
| IT | 2006-Jul-05 | 06766007.6 | 2008-Apr-02 | EP 1905273 | 2012-Apr-18 | 1905273 | 2026-Jul-05 | |
| IT | 2006-Sep-15 | 06821092.1 | 2008-Jun-18 | EP 1932178 | 2012-Feb-08 | 1932178 | 2026-Sep-15 | |
| IT | 2006-Oct-02 | 06809462.2 | 2008-Jun-25 | EP 1935085 | 2012-Mar-28 | 1935085 | 2026-Oct-02 | |
| IT | 2006-Oct-11 | 06812715.8 | | EP 1938298 | 2012-Jun-13 | 1938298 | 2026-Oct-11 | |
| IT | 2006-Oct-11 | 11173044.6 | 2011-Nov-30 | EP 2390866 | 2016-Sep-28 | 2390866 | 2026-Oct-11 | |
| IT | 2006-Oct-11 | 14166066.2 | 2014-Sep-17 | EP 2779146 | 2017-Jul-26 | 2779146 | 2026-Oct-11 | |
| IT | 2006-Nov-13 | 06821415.4 | 2008-Aug-06 | EP 1952055 | 2019-Jan-09 | 1952055 | 2026-Nov-13 | |
| IT | 2006-Nov-20 | 06821499.8 | | EP 1954975 | 2012-Jan-11 | 1954975 | 2026-Nov-20 | |
| IT | 2006-Dec-11 | 06832203.1 | | EP 1963735 | 2010-Sep-29 | 1963735 | 2026-Dec-11 | |
| IT | 2006-Dec-12 | 06842457.1 | 2008-Sep-03 | EP 1964449 | 2014-Jul-23 | 1964449 | 2026-Dec-12 | |
| IT | 2006-Dec-13 | 11155525.6 | 2011-May-25 | EP 2325670 | 2017-Oct-25 | 2325670 | 2026-Dec-13 | |
| IT | 2006-Dec-13 | 06842469.6 | 2008-Sep-10 | EP 1966624 | 2011-Jun-29 | 1966624 | 2026-Dec-13 | |
| IT | 2007-Jan-03 | 07716200.6 | 2008-Sep-24 | EP 1972183 | 2015-Mar-18 | 1972183 | 2027-Jan-03 | |
| IT | 2007-Mar-02 | 07713186.0 | 2008-Dec-03 | EP 1997352 | 2018-Oct-24 | 1997352 | 2027-Mar-02 | |
| IT | 2007-Apr-20 | 07735597.2 | 2009-Jan-21 | EP 2016804 | 2011-Jun-29 | 2016804 | 2027-Apr-20 | |
| IT | 2007-May-02 | 07735739.0 | 2009-Jan-28 | EP 2018795 | 2016-Dec-14 | 2018795 | 2027-May-02 | |
| IT | 2007-May-31 | 07736055.0 | 2009-Mar-04 | EP 2030483 | 2015-Oct-21 | 2030483 | 2027-May-31 | |
| IT | 2007-May-31 | 15177099.7 | 2016-Apr-27 | EP 3013124 | 2017-Jul-12 | 3013124 | 2027-May-31 | |
| IT | 2007-Jun-19 | 07789721.3 | 2009-Mar-25 | EP 2039069 | 2017-Apr-05 | 2039069 | 2027-Jun-19 | |
| IT | 2007-Jun-20 | 07789748.6 | 2009-Mar-25 | EP 2039227 | 2018-Mar-21 | 2039227 | 2027-Jun-20 | |
| IT | 2007-Jul-05 | 07825886.0 | | EP 2052181 | 2010-Mar-31 | 2052181 | 2027-Jul-05 | |
| IT | 2007-Aug-09 | 07836669.7 | 2009-Nov-18 | EP 2119318 | 2013-Oct-16 | 2119318 | 2027-Aug-09 | |
| IT | 2007-Sep-20 | 07826476.9 | | EP 2074866 | 2011-Mar-02 | 2074866 | 2027-Sep-20 | |
| IT | 2007-Oct-12 | 07826733.3 | 2009-Jul-29 | EP 2082167 | 2017-Feb-22 | 2082167 | 2027-Oct-12 | |
| IT | 2007-Oct-19 | 07861452.6 | 2009-Aug-12 | EP 2087776 | 2014-Dec-10 | 2087776 | 2027-Oct-19 | |
| IT | 2007-Oct-31 | 07816094.2 | 2009-Aug-12 | EP 2087772 | 2017-Sep-06 | 2087772 | 2027-Oct-31 | |
| IT | 2007-Nov-06 | 07826984.2 | | EP 2082620 | 2010-Jul-28 | 2082620 | 2027-Nov-06 | |
| IT | 2007-Nov-08 | 07827030.3 | | EP 2084945 | 2010-Mar-31 | 2084945A | 2027-Nov-08 | |
| IT | 2007-Nov-09 | 07840007.4 | | EP 2082621 | 2010-Jul-14 | 2082621 | 2027-Nov-09 | |
| IT | 2007-Nov-27 | 07849266.7 | 2009-Aug-26 | EP 2092669 | 2013-Jun-26 | 2092669 | 2027-Nov-27 | |
| IT | 2007-Nov-27 | 07862228.9 | 2009-Aug-19 | EP 2089656 | 2011-Mar-02 | 2089656 | 2027-Nov-27 | |
| IT | 2007-Dec-07 | 07849372.3 | 2009-Sep-23 | EP 2103190 | 2012-Oct-17 | 2103190 | 2027-Dec-07 | |
| IT | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | | |
| IT | 2008-Mar-19 | 08719767.9 | | EP 2126463 | 2010-Oct-27 | 2126463 | 2028-Mar-19 | |
| IT | 2008-Mar-31 | 08737675.2 | 2010-Jan-13 | EP 2143303 | 2012-Aug-08 | 2143303 | 2028-Mar-31 | |
| IT | 2008-Apr-04 | 08737714.9 | | EP 2135005 | 2010-Oct-06 | 2135005 | 2028-Apr-04 | |
| IT | 2008-Apr-23 | 08737957.4 | 2010-Jan-20 | EP 2145508 | 2018-Aug-15 | 2145508 | 2028-Apr-23 | |
| IT | 2008-Apr-28 | 08738006.9 | 2010-Jan-27 | EP 2147576 | 2014-Apr-16 | 2147576 | 2028-Apr-28 | |
| IT | 2008-May-01 | 14195242.4 | 2015-Apr-22 | EP 2863104 | | | | |
| IT | 2008-May-05 | 08738079.6 | 2010-Jan-27 | EP 2147349 | 2013-Jul-17 | 2147349 | 2028-May-05 | |
| IT | 2008-Jun-23 | 08763422.6 | 2010-Mar-17 | EP 2163132 | 2013-Oct-09 | 2163132 | 2028-Jun-23 | |
| IT | 2008-Aug-14 | 08789608.0 | | EP 2181565 | 2011-Apr-27 | 2181565 | 2028-Aug-14 | |
| IT | 2008-Oct-08 | 15170674.4 | 2016-Aug-03 | EP 3051586 | 2018-Feb-21 | 3051586 | 2028-Oct-08 | |
| IT | 2008-Dec-29 | 08870459.8 | 2010-Sep-22 | EP 2229803 | 2011-Oct-26 | 2229803 | 2028-Dec-29 | |
| IT | 2009-Jun-12 | 09761216.2 | 2011-Mar-02 | EP 2288848 | 2018-Dec-26 | 2288848 | 2029-Jun-12 | |
| IT | 2009-Jul-10 | 09786561.2 | 2011-Mar-23 | EP 2297516 | 2012-Feb-22 | 2297516 | 2029-Jul-10 | |
| IT | 2009-Jul-22 | 09786669.3 | 2011-May-04 | EP 2316251 | 2012-May-09 | 2316251 | 2029-Jul-22 | |
| IT | 2009-Sep-02 | 09787073.7 | 2011-Jun-15 | EP 2332392 | 2018-Nov-14 | 2332392 | 2029-Sep-02 | |
| IT | 2009-Sep-04 | 09787096.8 | 2011-Jun-01 | EP 2326869 | 2016-Jun-29 | 2326869 | 2029-Sep-04 | |
| IT | 2009-Nov-12 | 09760323.7 | 2011-Aug-24 | EP 2359052 | 2016-Feb-10 | 2359052 | 2029-Nov-12 | |
| IT | 2010-Jan-05 | 10702908.4 | 2011-Nov-16 | EP 2386043 | 2016-Apr-13 | 2386043 | 2030-Jan-05 | |
| IT | 2010-Mar-15 | 10712534.6 | 2012-Feb-01 | EP 2412209 | 2018-Feb-21 | 2412209 | 2030-Mar-15 | |
| IT | 2010-Apr-01 | 10715358.7 | 2012-Feb-29 | EP 2422507 | 2013-Jun-19 | 2422507 | 2030-Apr-01 | |
| IT | 2010-Apr-01 | 13165685.2 | 2013-Aug-21 | EP 2629491 | 2014-Sep-17 | 2629491 | 2030-Apr-01 | |
| IT | 2010-May-05 | 10719619.8 | 2012-Mar-28 | EP 2433471 | 2018-Jul-18 | 2433471 | 2030-May-05 | |
| IT | 2010-May-21 | 13165765.2 | 2013-Aug-07 | EP 2623846 | 2016-Jul-20 | 2623846 | 2030-May-21 | |
| IT | 2010-May-21 | 10726288.3 | 2012-Apr-04 | EP 2435753 | 2013-May-15 | 2435753 | 2030-May-21 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement
List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|---------------|-------------|-----------|-------------|-------------------|
| IT | 2010-Jun-14 | 10732438.6 | 2012-Apr-25 | EP 2443380 | 2014-Sep-10 | 2443380 | 2030-Jun-14 | |
| IT | 2010-Jun-22 | 10731600.2 | 2012-May-02 | EP 2446708 | 2019-Mar-27 | 2446708 | 2030-Jun-22 | |
| IT | 2010-Jul-14 | 10740369.3 | 2012-May-30 | EP 2457415 | 2014-Feb-26 | 2457415 | 2030-Jul-14 | |
| IT | 2010-Jul-19 | 10740379.2 | 2012-May-30 | EP 2457418 | 2013-Jan-16 | 2457418 | 2030-Jul-19 | |
| IT | 2010-Sep-01 | 10757276.0 | 2012-Jul-11 | EP 2474201 | 2017-Jun-28 | 2474201 | 2030-Sep-01 | |
| IT | 2011-Feb-28 | 11713358.7 | 2013-Jan-09 | EP 2542826 | 2018-Oct-24 | 2542826 | 2031-Feb-28 | |
| IT | 2011-Mar-11 | 11714109.3 | 2013-Jan-30 | EP 2550843 | 2018-Jan-24 | 2550843 | 2031-Mar-11 | |
| IT | 2011-Jun-16 | 11754735.6 | 2013-Apr-24 | EP 2583536 | 2015-Feb-11 | 2583536 | 2031-Jun-16 | |
| IT | 2011-Nov-15 | 11799321.2 | 2013-Oct-02 | EP 2644006 | 2018-Mar-28 | 2644006 | 2031-Nov-15 | |
| IT | 2011-Nov-16 | 11794283.9 | | | 2019-Jan-09 | 2681969 | | |
| IT | 2012-Oct-05 | 12795854.4 | 2014-Jul-02 | EP 2748975 | 2019-Apr-03 | 2748975 | 2032-Oct-05 | |
| IT | 2012-Oct-19 | 12841485.1 | 2014-Aug-27 | EP 2769142 | 2018-Feb-21 | 2769142 | 2032-Oct-19 | |
| IT | 2012-Oct-19 | 12808477.9 | 2014-Jun-25 | EP 2745626 | 2017-May-10 | 2745626 | 2032-Oct-19 | |
| IT | 2012-Oct-29 | 12812346.0 | 2014-Jul-09 | EP 2752090 | 2018-Jan-03 | 2752090 | 2032-Oct-29 | |
| IT | 2013-Jan-02 | 13703878.2 | 2014-Aug-06 | EP 2761978 | 2016-Apr-06 | 2761978 | 2033-Jan-02 | |
| IT | 2013-Jan-10 | 13705570.3 | 2014-Nov-19 | EP 2802805 | 2017-Oct-18 | 2802805 | 2033-Jan-10 | |
| IT | 2013-Feb-22 | 13717316.7 | 2014-Dec-17 | EP 2823691 | 2019-Apr-10 | 2823691 | | |
| IT | 2013-Apr-26 | 13727386.8 | 2015-Mar-18 | EP 2848091 | 2018-Nov-28 | 2848091 | | |
| IT | 2013-May-22 | 13736961.7 | 2015-Apr-08 | EP 2856490 | 2016-Mar-09 | 2856490 | 2033-May-22 | |
| IT | 2013-Jul-12 | 13765494.3 | 2015-May-20 | EP 2873299 | 2019-Jan-09 | 2873299 | | |
| IT | 2013-Sep-17 | 13799377.0 | 2015-Jul-29 | EP 2898265 | 2016-Dec-07 | 2898265 | 2033-Sep-17 | |
| IT | 2014-Mar-05 | 14709902.2 | 2016-Jan-27 | EP 2976567 | 2017-May-10 | 2976567 | 2034-Mar-05 | |
| IT | 2014-Mar-12 | 14713924.0 | 2016-Feb-03 | EP | 2017-Feb-22 | 2979023 | 2034-Mar-12 | |
| IT | 2014-Jun-04 | 14728546.4 | 2016-Apr-13 | EP 3005834 | 2018-Mar-21 | 3005834 | 2034-Jun-04 | |
| IT | 2014-Jul-09 | 14738810.2 | 2016-Jun-08 | EP | 2017-Feb-22 | 3028541 | 2034-Jul-09 | |
| IT | 2014-Jul-23 | 14741900.6 | 2016-Jun-08 | EP 3028543 | 2018-Jan-17 | 3028543 | 2034-Jul-23 | |
| IT | 2014-Oct-14 | 14793310.5 | 2016-Aug-24 | EP 3058794 | 2018-Aug-29 | 3058794 | 2034-Oct-14 | |
| IT | 2014-Dec-23 | 14819015.0 | 2015-Oct-28 | EP 2935980 | 2016-Jun-15 | 2935980 | | |
| IT | 2015-Feb-23 | EP15706017.9 | 2016-Aug-31 | EP | 2017-Apr-12 | 3061320 | | |
| IT | 2016-Apr-04 | 16713475.8 | 2018-Feb-14 | EP 3281270 | 2019-Jan-09 | 3281270 | | |
| JP | 1997-Aug-08 | 98-512405 | 2007-Mar-14 | P3892909 | 2006-Dec-15 | 3892909 | 2017-Aug-08 | |
| JP | 1997-Sep-08 | 98-518128 | 2000-Feb-29 | JP 2000502500 | 2007-Nov-16 | 4040688 | 2017-Sep-08 | |
| JP | 1998-Jan-22 | 98-529200 | 2000-Jun-06 | JP 2000507042 | 2007-Sep-21 | 4014227 | 2018-Jan-22 | |
| JP | 1998-Jul-14 | 2000-501644 | | | 2010-Aug-27 | 4574842 | 2018-Jul-14 | |
| JP | 1998-Jul-16 | 99-510709 | 2001-Jan-30 | JP 2001501361 | 2008-Jul-25 | 4159119 | 2018-Jul-16 | |
| JP | 1998-Jul-16 | 99-510708 | 2001-Jan-30 | JP 2001501360 | 2009-Feb-20 | 4260226 | 2018-Jul-16 | |
| JP | 1998-Jul-27 | 99-510721 | 2001-Jan-30 | JP 2001501363 | 2009-Jan-09 | 4240546 | 2018-Jul-27 | |
| JP | 1998-Aug-26 | 2003-028908 | 2004-Jan-08 | JP 2004006253 | 2008-Dec-12 | 4230236 | 2018-Aug-26 | |
| JP | 1998-Dec-17 | 09-051067 | | | 2012-Sep-07 | 5081181 | 2018-Dec-17 | |
| JP | 1998-Dec-17 | 2011-86460 | | | 2016-Jan-08 | 5864881 | 2018-Dec-17 | |
| JP | 1998-Dec-17 | 2015-090463 | | | 2016-Jul-08 | 5963287 | | |
| JP | 1998-Dec-17 | 2007-186183 | 2008-Feb-14 | JP 2008034385 | 2010-Feb-05 | 4451899 | 2018-Dec-17 | |
| JP | 1998-Dec-17 | 00-539392 | 2004-Apr-15 | JP 2004511878 | 2011-Apr-08 | 4718008 | 2018-Dec-17 | |
| JP | 1998-Dec-17 | 2014-115668 | | | 2015-Jul-10 | 5775953 | 2018-Dec-17 | |
| JP | 1999-Sep-08 | 00-572611 | 2002-Aug-13 | JP 2002525836 | 2009-Sep-18 | 4376464 | 2019-Sep-08 | |
| JP | 1999-Sep-17 | 2000-572951 | 2003-Oct-07 | JP 2003529889 | 2009-Aug-28 | 4366016 | 2019-Sep-17 | |
| JP | 1999-Dec-02 | 08-75819 | 2008-Aug-28 | JP 2008198618 | 2010-Dec-10 | 4642870 | 2019-Dec-02 | |
| JP | 2000-Mar-10 | 2000-608119 | 2002-Nov-26 | JP 2002540576 | 2011-Jul-15 | 4783504 | 2020-Mar-10 | |
| JP | 2000-Apr-06 | 00-613009 | 2002-Dec-10 | JP 2002542588 | 2010-Jul-09 | 4545952 | 2020-Apr-06 | |
| JP | 2000-Jun-22 | 2001-506414 | 2003-Jan-28 | JP 2003503815 | 2011-Jun-24 | 4768179 | 2020-Jun-22 | |
| JP | 2000-Jun-22 | 11-001641 | | | 2013-Nov-22 | 5415463 | 2020-Jun-22 | |
| JP | 2000-Jun-22 | 2013-169211 | | | 2015-Dec-18 | 5854406 | 2020-Jun-22 | |
| JP | 2000-Jul-14 | 2001-510276 | 2003-Feb-04 | JP 2003504829 | 2008-Dec-12 | 4230145 | 2020-Jul-14 | |
| JP | 2000-Aug-07 | 01-520040 | 2003-Mar-04 | JP 2003508798 | 2012-Jul-27 | 5048190 | 2020-Aug-07 | |
| JP | 2000-Sep-15 | 01-527610 | 2003-Mar-18 | JP 2003511006 | 2010-Apr-30 | 4502353 | 2020-Sep-15 | |
| JP | 2000-Oct-10 | 01-534928 | 2003-Apr-08 | JP 2003513453 | 2012-Jan-20 | 4908709 | 2020-Oct-10 | |
| JP | 2000-Oct-12 | 01-534929 | 2003-Apr-08 | JP 2003513420 | 2011-Apr-28 | 4731079 | 2020-Oct-12 | |
| JP | 2000-Oct-12 | 01-534931 | 2003-Apr-08 | JP 2003513454 | 2012-Jan-20 | 4908710 | 2020-Oct-12 | |
| JP | 2000-Dec-14 | 01-550730 | 2003-Jun-24 | JP 2003519810 | 2011-May-13 | 4741142 | 2020-Dec-14 | |
| JP | 2000-Dec-18 | 01-552019 | 2003-Jun-24 | JP 2003519896 | 2010-Nov-05 | 4620924 | 2020-Dec-18 | |
| JP | 2001-Jan-08 | 01-557340 | 2003-Jul-22 | JP 2003522393 | 2011-Apr-28 | 4731085 | 2021-Jan-08 | |
| JP | 2001-Apr-24 | 11-093193 | | | 2014-Mar-28 | 5508333 | 2021-Apr-24 | |
| JP | 2001-Apr-24 | 2014-011181 | | | 2015-Jun-12 | 5758020 | 2021-Apr-24 | |
| JP | 2001-Jun-21 | 2002-504188 | 2004-Jan-15 | JP 2004501497 | 2011-Jul-01 | 4773673 | 2021-Jun-21 | |
| JP | 2001-Aug-20 | 01-248530 | 2002-Apr-26 | JP 2002124104 | 2011-May-27 | 4749623 | 2021-Aug-20 | |
| JP | 2001-Sep-05 | 02-526803 | 2004-Mar-25 | JP 2004509431 | 2011-May-27 | 4749653 | 2021-Sep-05 | |
| JP | 2001-Nov-09 | 02-543265 | 2004-May-13 | JP 2004514252 | 2009-Apr-17 | 4294954 | 2021-Nov-09 | |
| JP | 2001-Dec-03 | 02-549030 | 2004-May-27 | JP 2004515891 | 2008-Apr-25 | 4116435 | 2021-Dec-03 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|---------------|-------------|-----------|-------------|-------------------|
| JP | 2001-Dec-06 | 02-551327 | 2004-Jun-03 | JP 2004516666 | 2009-Apr-03 | 4287651 | 2021-Dec-06 | |
| JP | 2001-Dec-06 | 2008-184176 | 2008-Dec-04 | JP 2008293987 | 2011-Mar-18 | 4705132 | 2021-Dec-06 | |
| JP | 2001-Dec-12 | 02-553873 | 2004-Jun-10 | JP 2004517445 | 2008-Mar-14 | 4094952 | 2021-Dec-12 | |
| JP | 2001-Dec-20 | 03-504009 | 2004-Sep-30 | JP 2004530276 | 2009-Dec-18 | 4427320 | 2021-Dec-21 | |
| JP | 2002-Mar-14 | 02-573484 | 2004-Jul-02 | JP 2004519826 | 2008-Apr-25 | 4117196 | 2022-Mar-14 | |
| JP | 2002-May-10 | 2002-588729 | 2005-Apr-07 | JP 2005509245 | 2008-Oct-31 | 4208576 | 2022-May-10 | |
| JP | 2002-May-24 | 02-592686 | 2004-Sep-02 | JP 2004527138 | 2011-Jan-07 | 4657579 | 2022-May-24 | |
| JP | 2002-May-30 | 2003-501242 | 2005-Apr-14 | JP 2005510007 | 2009-Jul-31 | 4351040 | 2022-May-30 | |
| JP | 2002-May-30 | 2007-320844 | 2008-Apr-03 | JP 2008078162 | 2010-Mar-12 | 4474457 | 2022-May-30 | |
| JP | 2002-Jun-05 | 2003-502812 | 2004-Nov-11 | JP 2004534355 | 2008-Aug-22 | 4173091 | 2022-Jun-05 | |
| JP | 2002-Jul-18 | 03-514856 | 2004-Dec-02 | JP 2004536433 | 2008-Jun-13 | 4139326 | 2022-Jul-18 | |
| JP | 2002-Aug-09 | 03-521671 | 2005-Jan-06 | JP 2005500680 | 2009-Aug-21 | 4360903 | 2022-Aug-09 | |
| JP | 2002-Sep-17 | 2003-529819 | 2005-Feb-10 | JP 2005504411 | 2010-May-28 | 4518793 | 2022-Sep-17 | |
| JP | 2002-Sep-17 | 09-29980 | | | 2013-Feb-15 | 5198310 | 2022-Sep-17 | |
| JP | 2002-Sep-30 | 03-535510 | 2005-Feb-24 | JP 2005505940 | 2009-May-29 | 4317751 | 2022-Sep-30 | |
| JP | 2002-Nov-15 | 03-550561 | 2005-Apr-28 | JP 2005512334 | 2009-Aug-07 | 4353804 | 2022-Nov-15 | |
| JP | 2002-Dec-09 | 03-557260 | 2005-May-12 | JP 2005513754 | 2011-Jan-28 | 4672259 | 2022-Dec-09 | |
| JP | 2002-Dec-20 | 03-557257 | 2005-May-12 | JP 2005513819 | 2010-Dec-10 | 4642355 | 2022-Dec-20 | |
| JP | 2003-Feb-06 | 03-568937 | 2005-Jun-16 | JP 2005518102 | 2010-Nov-26 | 4633363 | 2023-Feb-06 | |
| JP | 2003-Feb-06 | 2003-567137 | 2005-Jun-09 | JP 2005517278 | 2010-Dec-24 | 4652691 | 2023-Feb-06 | |
| JP | 2003-May-09 | 04-504577 | 2005-Aug-18 | JP 2005524960 | 2009-Jul-24 | 4347794 | 2023-May-09 | |
| JP | 2003-Jun-12 | 04-515363 | 2005-Oct-13 | JP 2005531140 | 2010-Jul-30 | 4558484 | 2023-Jun-12 | |
| JP | 2003-Aug-28 | 2004-531526 | 2005-Dec-08 | JP 2005537613 | 2010-Nov-12 | 4625697 | 2023-Aug-28 | |
| JP | 2003-Sep-03 | 04-533764 | 2005-Dec-15 | JP 2005538546 | 2011-Nov-18 | 4865227 | 2023-Sep-03 | |
| JP | 2003-Dec-03 | 03-404464 | 2004-Jul-02 | JP 2004186159 | 2010-Sep-17 | 4588994 | 2023-Dec-03 | |
| JP | 2003-Dec-11 | 2004-561862 | 2006-Mar-30 | JP 2006511082 | 2013-Dec-06 | 5426807 | 2023-Dec-11 | |
| JP | 2003-Dec-11 | 04-561838 | 2006-Mar-30 | JP 2006511078 | 2012-Jan-13 | 4901104 | 2023-Dec-11 | |
| JP | 2004-Apr-22 | 2006-506559 | 2006-Nov-09 | JP 2006525664 | 2012-Mar-30 | 4959324 | 2024-Apr-22 | |
| JP | 2004-Apr-30 | 2006-506595 | 2006-Nov-09 | JP 2006525665 | 2012-Mar-30 | 4959325 | 2024-Apr-30 | |
| JP | 2004-Jul-21 | 2006-520640 | 2006-Dec-14 | JP 2006528419 | 2013-Feb-15 | 5197957 | 2024-Jul-21 | |
| JP | 2004-Sep-07 | 06-525258 | 2007-Mar-08 | JP 2007505448 | 2011-Feb-18 | 4685016 | 2024-Sep-07 | |
| JP | 2004-Sep-21 | 06-527545 | 2007-Mar-22 | JP 2007507069 | 2011-Jan-14 | 4663644 | 2024-Sep-21 | |
| JP | 2004-Nov-05 | 06-539036 | 2007-May-10 | JP 2007511903 | 2012-Nov-02 | 5122141 | 2024-Nov-05 | |
| JP | 2004-Nov-24 | 2004-338549 | 2005-Jun-16 | JP 2005158746 | 2011-Jun-10 | 4757480 | 2024-Nov-24 | |
| JP | 2005-Mar-14 | 07-504024 | 2007-Oct-25 | JP 2007529872 | 2013-Feb-15 | 5198057 | 2025-Mar-14 | |
| JP | 2005-Mar-14 | 11-088313 | | | 2013-Nov-29 | 5419918 | 2025-Mar-14 | |
| JP | 2005-Mar-14 | 2013-207551 | | | 2015-Apr-24 | 5735073 | 2025-Mar-14 | |
| JP | 2005-Mar-23 | 07-507874 | 2007-Nov-15 | JP 2007533092 | 2011-Jul-29 | 4792459 | 2025-Mar-23 | |
| JP | 2005-Apr-27 | 07-512612 | 2007-Dec-13 | JP 2007536720 | 2011-Apr-15 | 4722126 | 2025-Apr-27 | |
| JP | 2005-Jun-01 | 2005-161004 | 2005-Dec-15 | JP 2005347263 | 2012-Feb-10 | 4920907 | 2025-Jun-01 | |
| JP | 2005-Jun-01 | 2011-172691 | | | 2014-Jan-10 | 5450525 | 2031-Aug-08 | |
| JP | 2005-Jun-01 | 2013-104897 | | | 2014-Nov-14 | 5647295 | 2031-Aug-08 | |
| JP | 2005-Jun-23 | 07-518425 | 2008-Feb-14 | JP 2008504654 | 2011-Jul-15 | 4782785 | 2025-Jun-23 | |
| JP | 2005-Jun-23 | 07-518764 | 2008-Feb-21 | JP 2008505436 | 2011-Mar-04 | 4694567 | 2025-Jun-23 | |
| JP | 2005-Jun-28 | 07-518790 | 2008-Feb-21 | JP 2008505439 | 2011-Jul-29 | 4790710 | 2025-Jun-28 | |
| JP | 2005-Jul-06 | 2007-519963 | | | 2011-Sep-22 | 4829228 | 2025-Jul-06 | |
| JP | 2005-Jul-14 | 07-522092 | 2008-Mar-13 | JP 2008507817 | 2012-Nov-09 | 5128279 | 2025-Jul-14 | |
| JP | 2005-Aug-02 | 07-524453 | 2008-Mar-27 | JP 2008509515 | 2011-Sep-22 | 4829230 | 2025-Aug-02 | |
| JP | 2005-Aug-02 | 07-524456 | 2008-Mar-27 | JP 2008509517 | 2012-Jun-29 | 5026969 | 2025-Aug-02 | |
| JP | 2005-Aug-02 | 07-524454 | 2008-Mar-27 | JP 2008509516 | 2011-Sep-02 | 4813484 | 2025-Aug-02 | |
| JP | 2005-Aug-18 | 07-533004 | 2008-May-08 | JP 2008515140 | 2013-May-17 | 5270160 | 2025-Aug-18 | |
| JP | 2005-Sep-12 | 2007-531907 | | | 2012-Feb-24 | 4933434 | 2025-Sep-12 | |
| JP | 2005-Sep-19 | 07-534125 | | | 2012-Feb-24 | 4931819 | 2025-Sep-19 | |
| JP | 2005-Sep-20 | 07-534133 | 2008-May-15 | JP 2008516377 | 2011-May-27 | 4751397 | 2025-Sep-20 | |
| JP | 2005-Oct-17 | 2007-537446 | | | 2012-Oct-05 | 5102037 | 2025-Oct-17 | |
| JP | 2005-Oct-26 | 07-538580 | | | 2012-Jul-27 | 5048506 | 2025-Oct-26 | |
| JP | 2005-Nov-09 | 07-542385 | | | 2014-Oct-10 | 5627839 | 2025-Nov-09 | |
| JP | 2005-Nov-24 | 07-542477 | | | 2013-Aug-02 | 5329091 | 2025-Nov-24 | |
| JP | 2005-Nov-28 | 2007-543952 | | | 2014-Sep-19 | 5616000 | 2025-Nov-28 | |
| JP | 2005-Dec-02 | 2007-546202 | | | 2013-Jun-07 | 5285912 | 2025-Dec-02 | |
| JP | 2006-Apr-19 | 08-508358 | | | 2012-Dec-21 | 5160411 | 2026-Apr-19 | |
| JP | 2006-May-10 | 08-512970 | | | 2011-Aug-26 | 4808250 | 2026-May-10 | |
| JP | 2006-May-11 | 08-512973 | | | 2012-Aug-24 | 5069225 | 2026-May-11 | |
| JP | 2006-May-23 | 2008-513654 | | | 2015-Dec-11 | 5850597 | 2026-May-23 | |
| JP | 2006-May-23 | 2012-020810 | | | 2015-Jul-31 | 5785503 | 2026-May-23 | |
| JP | 2006-May-24 | 08-513004 | | | 2013-Jul-19 | 5317694 | 2026-May-24 | |
| JP | 2006-Jul-05 | 08-520997 | | | 2013-Mar-08 | 5213707 | 2026-Jul-05 | |
| JP | 2006-Sep-15 | 08-532919 | 2009-Mar-12 | JP 2009510752 | 2012-Sep-28 | 5096346 | 2026-Sep-15 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|---------------|-------------|-----------|-------------|-------------------|
| JP | 2006-Sep-25 | 2015-218688 | | | 2018-Mar-16 | 6305966 | | |
| JP | 2006-Sep-25 | 08-531873 | 2009-Jun-04 | JP 2009521777 | 2013-Aug-16 | 5341517 | 2026-Sep-25 | |
| JP | 2006-Oct-02 | 08-534125 | 2009-Mar-19 | JP 2009512264 | 2012-Apr-13 | 4971338 | 2026-Oct-02 | |
| JP | 2006-Oct-11 | 08-535482 | | | 2013-Oct-18 | 5390858 | 2026-Oct-11 | |
| JP | 2006-Nov-07 | 08-539576 | | | 2013-Feb-15 | 5198278 | 2026-Nov-07 | |
| JP | 2006-Nov-13 | 08-540755 | | | 2013-Jul-19 | 5317699 | 2026-Nov-13 | |
| JP | 2006-Nov-20 | 08-540774 | 2009-Apr-23 | JP 2009516895 | 2013-Apr-26 | 5253176 | 2026-Nov-20 | |
| JP | 2006-Dec-11 | 08-543993 | | | 2013-Apr-12 | 5243964 | 2026-Dec-11 | |
| JP | 2006-Dec-12 | 08-545224 | | | 2014-May-16 | 5543109 | 2026-Dec-12 | |
| JP | 2006-Dec-12 | 2013-162385 | | | 2015-Jun-12 | 5757981 | 2026-Dec-12 | |
| JP | 2006-Dec-13 | 08-546734 | | | 2014-Feb-28 | 5483527 | 2026-Dec-13 | |
| JP | 2007-Jan-10 | 08-550883 | | | 2013-Mar-29 | 5231248 | 2027-Jan-10 | |
| JP | 2007-Jan-26 | 08-551939 | 2009-Jul-09 | JP 2009525595 | 2013-Aug-02 | 5329235 | 2027-Jan-26 | |
| JP | 2007-Apr-20 | 2009-508558 | 2009-Oct-01 | JP 2009535833 | 2014-Mar-07 | 5491855 | 2027-Apr-20 | |
| JP | 2007-May-02 | 2009-508612 | 2009-Oct-01 | JP 2009536779 | 2013-Jan-25 | 5185257 | 2027-May-02 | |
| JP | 2007-May-31 | 09-512750 | | | 2014-Oct-10 | 5629092 | 2027-May-31 | |
| JP | 2007-Jun-19 | 2009-517512 | | | 2013-Feb-15 | 5198445 | 2027-Jun-19 | |
| JP | 2007-Jun-20 | 2009-517521 | 2009-Dec-03 | JP 2009543280 | 2013-Jun-21 | 5295106 | 2027-Jun-20 | |
| JP | 2007-Jul-05 | 09-523375 | | | 2013-Mar-15 | 5220743 | 2027-Jul-05 | |
| JP | 2007-Aug-09 | 09-544826 | | | 2012-Nov-16 | 5135354 | 2027-Aug-09 | |
| JP | 2007-Aug-17 | 09-524056 | | | 2014-Jan-10 | 5448816 | 2027-Aug-17 | |
| JP | 2007-Aug-22 | 09-524853 | | | 2013-Aug-23 | 5346291 | 2027-Aug-22 | |
| JP | 2007-Sep-18 | 09-529809 | | | 2014-Jan-10 | 5451392 | 2027-Sep-18 | |
| JP | 2007-Sep-20 | 09-530978 | | | 2013-Feb-15 | 5198456 | 2027-Sep-20 | |
| JP | 2007-Sep-20 | 09-530979 | | | 2013-Sep-27 | 5371764 | 2027-Sep-20 | |
| JP | 2007-Sep-20 | 09-528563 | | | 2014-Dec-19 | 5667361 | 2027-Sep-20 | |
| JP | 2007-Oct-11 | 2013-158545 | | | 2014-Nov-28 | 5654647 | 2033-Jul-31 | |
| JP | 2007-Oct-11 | 09-531966 | | | 2014-Apr-11 | 5519284 | 2027-Oct-11 | |
| JP | 2007-Oct-12 | 09-531973 | | | 2013-Mar-15 | 5220753 | 2027-Oct-12 | |
| JP | 2007-Oct-31 | 09-533629 | | | 2013-Aug-30 | 5350251 | 2027-Oct-31 | |
| JP | 2007-Nov-06 | 09-535848 | | | 2013-Dec-06 | 5424888 | 2027-Nov-06 | |
| JP | 2007-Nov-09 | 2013-115658 | | | 2015-Jun-12 | 5757974 | 2027-Nov-09 | |
| JP | 2007-Nov-09 | 09-536318 | | | 2013-Sep-20 | 5366815 | 2027-Nov-09 | |
| JP | 2007-Nov-27 | 2013-218657 | | | 2016-Jul-29 | 5974242 | 2027-Nov-27 | |
| JP | 2007-Nov-27 | 09-538825 | | | 2014-Apr-04 | 5513892 | 2027-Nov-27 | |
| JP | 2007-Nov-27 | 09-538417 | | | 2013-Oct-25 | 5396278 | 2027-Nov-27 | |
| JP | 2007-Dec-07 | 09-539865 | | | 2014-Sep-12 | 5611596 | 2027-Dec-07 | |
| JP | 2007-Dec-11 | 09-539580 | | | 2014-Jun-06 | 5554992 | 2027-Dec-11 | |
| JP | 2007-Dec-11 | 09-539581 | | | 2015-Jun-12 | 5757683 | 2027-Dec-11 | |
| JP | 2007-Dec-17 | 2009-542347 | | | 2013-Jul-26 | 5324466 | 2027-Dec-17 | |
| JP | 2008-Mar-19 | 10-500398 | | | 2013-Sep-13 | 5362698 | 2028-Mar-19 | |
| JP | 2008-Mar-31 | 10-501631 | | | 2014-Feb-28 | 5485868 | 2028-Mar-31 | |
| JP | 2008-Apr-04 | 10-501646 | | | 2013-Aug-30 | 5349453 | 2028-Apr-04 | |
| JP | 2008-Apr-04 | 2013-170724 | | | 2015-Sep-11 | 5805718 | 2028-Apr-04 | |
| JP | 2008-Apr-21 | 10-504932 | | | 2014-Apr-11 | 5519490 | 2028-Apr-21 | |
| JP | 2008-Apr-23 | 10-504945 | | | 2013-Aug-16 | 5341067 | 2028-Apr-23 | |
| JP | 2008-Apr-28 | 10-504964 | | | 2013-Jun-28 | 5301529 | 2028-Apr-28 | |
| JP | 2008-May-01 | 2010-504986 | | | 2013-Dec-27 | 5441886 | 2028-May-01 | |
| JP | 2008-May-02 | 10-506686 | | | 2014-May-16 | 5542658 | 2028-May-02 | |
| JP | 2008-May-02 | 2010-507545 | | | 2013-Sep-13 | 5363462 | 2028-May-02 | |
| JP | 2008-May-05 | 10-507032 | | | 2012-Mar-23 | 4955101 | 2028-May-05 | |
| JP | 2008-May-26 | 2010-509933 | | | 2013-Jun-14 | 5290279 | 2028-May-26 | |
| JP | 2008-May-30 | 10-510926 | | | 2011-Oct-28 | 4850969 | 2028-May-30 | |
| JP | 2008-Jun-23 | 10-514203 | | | 2017-Mar-10 | 6105191 | 2028-Jun-23 | |
| JP | 2008-Jun-30 | 10-514221 | | | 2013-Aug-09 | 5337153 | 2028-Jun-30 | |
| JP | 2008-Jul-21 | 10-517525 | | | 2013-Nov-15 | 5409622 | 2028-Jul-21 | |
| JP | 2008-Aug-14 | 10-520668 | | | 2014-Mar-07 | 5490694 | 2028-Aug-14 | |
| JP | 2008-Sep-16 | 10-526396 | | | 2013-Sep-27 | 5371990 | 2028-Sep-16 | |
| JP | 2008-Oct-08 | 10-529004 | | | 2013-Sep-06 | 5357886 | 2028-Oct-08 | |
| JP | 2008-Nov-24 | 10-535490 | | | 2013-Aug-16 | 5341101 | 2028-Nov-24 | |
| JP | 2008-Dec-02 | 10-536566 | | | 2013-Aug-09 | 5335808 | 2028-Dec-02 | |
| JP | 2008-Dec-02 | 10-536567 | | | 2013-Aug-09 | 5335809 | 2028-Dec-02 | |
| JP | 2008-Dec-16 | 10-539006 | | | 2014-Feb-14 | 5475684 | 2028-Dec-16 | |
| JP | 2008-Dec-22 | 2010-539035 | | | 2013-May-02 | 5259729 | 2028-Dec-22 | |
| JP | 2008-Dec-29 | 2010-540211 | | | 2015-Nov-13 | 5836591 | 2028-Dec-29 | |
| JP | 2009-Apr-03 | 2011-502393 | 2011-May-26 | JP 2011517024 | 2014-Aug-01 | 5584919 | 2029-Apr-03 | |
| JP | 2009-May-20 | 2011-511133 | 2011-Jul-28 | JP 2011522368 | 2014-May-09 | 5536043 | 2029-May-20 | |
| JP | 2009-Jun-12 | 11-512795 | | | 2014-May-09 | 5539338 | 2029-Jun-12 | |

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|---------------|-------------|-----------|-------------|-------------------|
| JP | 2009-Jul-10 | 2011-517302 | | | 2013-Dec-13 | 5432255 | 2029-Jul-10 | |
| JP | 2009-Jul-22 | 2011-520630 | | | 2014-Apr-04 | 5514206 | 2029-Jul-22 | |
| JP | 2009-Jul-22 | 2011-520631 | | | 2014-Apr-11 | 5519667 | 2029-Jul-22 | |
| JP | 2009-Sep-02 | 2011-528457 | | | 2014-Mar-14 | 5498499 | 2029-Sep-02 | |
| JP | 2009-Sep-04 | 2011-526601 | | | 2013-Dec-20 | 5438766 | 2029-Sep-04 | |
| JP | 2009-Oct-02 | 2011-530602 | | | 2014-May-09 | 5536075 | 2029-Oct-02 | |
| JP | 2009-Nov-03 | 2011-533919 | | | 2014-Mar-07 | 5490812 | 2029-Nov-03 | |
| JP | 2009-Nov-12 | 2013-244461 | | | 2015-Jun-26 | 5767304 | 2029-Nov-12 | |
| JP | 2009-Nov-12 | 2011-543874 | | | 2014-Apr-11 | 5519701 | 2029-Nov-12 | |
| JP | 2009-Nov-12 | 2015-122491 | | | 2017-May-19 | 6143810 | | |
| JP | 2009-Nov-27 | 2011-539135 | | | 2014-May-16 | 5544372 | 2029-Nov-27 | |
| JP | 2009-Nov-30 | 2011-544931 | | | 2015-Mar-13 | 5711147 | 2029-Nov-30 | |
| JP | 2010-Jan-04 | 2011-544950 | | | 2014-May-30 | 5551714 | 2030-Jan-04 | |
| JP | 2010-Jan-05 | 2011-544951 | | | 2015-Apr-24 | 5734204 | 2030-Jan-05 | |
| JP | 2010-Mar-15 | 2015-057301 | | | 2016-Oct-28 | 6029035 | | |
| JP | 2010-Mar-15 | 2012-501435 | | | 2015-Mar-27 | 5719342 | 2030-Mar-15 | |
| JP | 2010-Mar-30 | 2012-502861 | | | 2015-Oct-16 | 5823948 | 2030-Mar-30 | |
| JP | 2010-Apr-23 | 2012-507868 | | | 2015-Mar-13 | 5711217 | 2030-Apr-23 | |
| JP | 2010-Apr-23 | 2015-003160 | | | 2016-Jun-17 | 5952925 | | |
| JP | 2010-May-21 | 2012-512498 | | | 2014-Oct-17 | 5632909 | 2030-May-21 | |
| JP | 2010-May-26 | 2012-512513 | | | 2015-Apr-24 | 5735958 | 2030-May-26 | |
| JP | 2010-Jun-09 | 2012-515590 | | | 2013-Dec-06 | 5425303 | 2030-Jun-09 | |
| JP | 2010-Jun-11 | 2012-515596 | | | 2015-Feb-13 | 5695036 | 2030-Jun-11 | |
| JP | 2010-Jun-14 | 2012-515603 | | | 2015-Jan-09 | 5677421 | 2030-Jun-14 | |
| JP | 2010-Jun-15 | 2012-515609 | | | 2014-Dec-26 | 5671016 | 2030-Jun-15 | |
| JP | 2010-Jun-18 | 10-139890 | | | | | 2011-Sep-18 | |
| JP | 2010-Jun-22 | 2012-516933 | | | 2015-Feb-20 | 5698738 | 2030-Jun-22 | |
| JP | 2010-Jul-14 | 2015-009363 | | | 2017-Mar-31 | 6118356 | | |
| JP | 2010-Jul-14 | 2012-521129 | | | 2015-Aug-14 | 5792721 | 2030-Jul-14 | |
| JP | 2010-Jul-19 | 2012-521141 | | | 2014-Jul-11 | 5575896 | 2030-Jul-19 | |
| JP | 2010-Jul-27 | 2014-259886 | | | 2016-Nov-11 | 6038106 | | |
| JP | 2010-Jul-27 | 2012-522303 | | | 2015-Jan-09 | 5675804 | 2030-Jul-27 | |
| JP | 2010-Aug-18 | 2012-526155 | | | 2014-Mar-28 | 5508532 | 2030-Aug-18 | |
| JP | 2010-Aug-30 | 2012-527427 | | | 2014-Jul-04 | 5571791 | 2030-Aug-30 | |
| JP | 2010-Sep-01 | 2012-527437 | | | 2015-Aug-21 | 5795586 | 2030-Sep-01 | |
| JP | 2010-Sep-07 | 2012-529371 | | | 2014-Nov-14 | 5647250 | 2030-Sep-07 | |
| JP | 2010-Sep-09 | 2012-530380 | | | 2015-Feb-13 | 5695057 | 2030-Sep-09 | |
| JP | 2010-Sep-09 | 2011-551565 | | | 2013-Sep-06 | 5355722 | 2030-Sep-09 | |
| JP | 2010-Sep-13 | 2012-529381 | | | 2015-Jul-31 | 5785551 | 2030-Sep-13 | |
| JP | 2010-Sep-29 | 2012-532694 | | | 2014-Dec-05 | 5657679 | 2030-Sep-29 | |
| JP | 2010-Oct-07 | 2012-532598 | 2013-Mar-04 | JP 2013507729 | 2016-May-20 | 5935063 | 2030-Oct-07 | |
| JP | 2010-Oct-07 | 2019-58013 | | | | | | |
| JP | 2010-Oct-07 | 2016-077619 | 2016-Aug-12 | 2016-146358 | | | | |
| JP | 2010-Oct-29 | 2012-536002 | | | 2017-Jun-09 | 6155027 | 2030-Oct-29 | |
| JP | 2010-Nov-22 | 2012-542649 | | | 2015-Feb-13 | 5694364 | 2030-Nov-22 | |
| JP | 2010-Dec-10 | 2012-543954 | | | 2015-Feb-13 | 5694368 | 2030-Dec-10 | |
| JP | 2011-Feb-28 | 2012-555527 | | | 2017-Apr-14 | 6125233 | 2031-Feb-28 | |
| JP | 2011-Feb-28 | 2015-087779 | | | 2018-Mar-02 | 6298006 | | |
| JP | 2011-Mar-11 | 2013-500621 | 2013-Jun-17 | JP 2013524408 | 2015-Nov-13 | 5837036 | 2031-Mar-11 | |
| JP | 2011-Apr-01 | 2013-503201 | | | 2015-Apr-17 | 5732127 | 2031-Apr-01 | |
| JP | 2011-Jun-16 | 2013-514826 | | | 2016-May-20 | 5935065 | 2031-Jun-16 | |
| JP | 2011-Jun-30 | 2013-517640 | | | 2016-Aug-12 | 5984804 | 2031-Jun-30 | |
| JP | 2011-Aug-05 | 2018-116246 | | | | | | |
| JP | 2011-Aug-05 | 2013-526571 | | | 2018-Mar-30 | 6312435 | 2031-Aug-05 | |
| JP | 2011-Nov-15 | 2013-540462 | | | 2016-Jul-29 | 5977250 | 2031-Nov-15 | |
| JP | 2012-Jan-11 | 2013-548919 | | | 2016-Jul-15 | 5968911 | 2032-Jan-11 | |
| JP | 2012-Mar-16 | 2014-501745 | | | 2017-Apr-28 | 6133269 | 2032-Mar-16 | |
| JP | 2012-Mar-22 | 2015-231601 | | | 2016-Dec-02 | 6050883 | | |
| JP | 2012-Mar-22 | 2014-501753 | | | 2015-Dec-11 | 5850549 | 2032-Mar-22 | |
| JP | 2012-Mar-27 | 2014-501761 | | | 2016-Jun-17 | 5952892 | 2032-Mar-27 | |
| JP | 2012-Apr-02 | 2014-501671 | | | 2016-Oct-14 | 6023168 | 2032-Apr-02 | |
| JP | 2012-May-14 | 2014-510918 | | | 2017-Jan-13 | 6072776 | 2032-May-14 | |
| JP | 2012-Oct-05 | 2014-534032 | | | 2017-May-26 | 6148237 | 2032-Oct-05 | |
| JP | 2012-Oct-12 | 2014-535215 | | | 2017-May-19 | 6143759 | 2032-Oct-12 | |
| JP | 2012-Oct-17 | 2014-536388 | | | 2017-Feb-10 | 6087937 | 2032-Oct-17 | |
| JP | 2012-Oct-19 | 2014-541773 | | | 2016-Nov-04 | 6031669 | 2032-Oct-19 | |
| JP | 2012-Oct-19 | 2014-536091 | | | 2017-Dec-15 | 6258857 | 2032-Oct-19 | |
| JP | 2012-Oct-29 | 2014-539446 | | | 2018-Jan-12 | 6271437 | 2032-Oct-29 | |

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|-----------------|-------------|------------|-------------|-------------------|
| JP | 2012-Dec-11 | 2014-546700 | | | 2017-May-19 | 6143778 | 2032-Dec-11 | |
| JP | 2013-Jan-02 | 2014-548329 | | | 2015-Dec-18 | 5857138 | 2033-Jan-02 | |
| JP | 2013-Jan-02 | 2014-550788 | | | 2016-Jan-29 | 5876591 | 2033-Jan-02 | |
| JP | 2013-Jan-02 | 2014-550786 | | | 2018-May-18 | 6339021 | 2033-Jan-02 | |
| JP | 2013-Jan-10 | 2014-551710 | | | 2017-Apr-28 | 6133329 | 2033-Jan-10 | |
| JP | 2013-Jan-18 | 2014-555348 | | | 2018-Sep-28 | 6407724 | 2033-Jan-18 | |
| JP | 2013-Jan-25 | 2014-555360 | | | 2015-Jun-19 | 5763851 | 2033-Jan-25 | |
| JP | 2013-Feb-08 | 2014-556179 | | | 2015-Jul-03 | 5770392 | 2033-Feb-08 | |
| JP | 2013-Feb-22 | 2014-558257 | | | 2017-Dec-08 | 6255356 | 2033-Feb-22 | |
| JP | 2013-Feb-22 | 2014-560472 | | | 2017-Feb-10 | 6087960 | | |
| JP | 2013-Mar-07 | 2014-557164 | | | 2015-Jul-03 | 5770393 | 2033-Mar-07 | |
| JP | 2013-Mar-08 | 2013-046390 | | | 2016-Jan-15 | 5867871 | 2033-Mar-08 | |
| JP | 2013-Mar-08 | 2015-501013 | | | 2017-Nov-17 | 6243397 | | |
| JP | 2013-Mar-20 | 2015-502493 | | | 2015-Nov-20 | 5841292 | 2033-Mar-20 | |
| JP | 2013-Apr-02 | 2015-503970 | | | 2017-Sep-01 | 6198812 | | |
| JP | 2013-Apr-25 | 2015-509534 | | | 2017-Sep-15 | 6207593 | | |
| JP | 2013-Apr-26 | 2015-510907 | | | 2017-Sep-29 | 6214632 | | |
| JP | 2013-May-22 | 2015-515607 | | | 2017-Apr-14 | 6125620 | | |
| JP | 2013-Jun-17 | 2015-519397 | | | 2015-Jul-31 | 5785673 | 2033-Jun-17 | |
| JP | 2013-Jul-10 | 2015-521128 | | | 2017-Oct-20 | 6228602 | | |
| JP | 2013-Jul-12 | 2015-522217 | | | 2018-Jan-12 | 6272323 | | |
| JP | 2013-Sep-17 | 2015-531676 | | | 2017-Dec-08 | 6255407 | | |
| JP | 2013-Sep-24 | 2015-532566 | | | 2017-Dec-08 | 6255410 | | |
| JP | 2013-Dec-02 | 2015-547213 | | | 2018-Mar-30 | 6312699 | | |
| JP | 2014-Mar-05 | 2015-560668 | | | 2018-Jun-01 | 6345711 | | |
| JP | 2014-Apr-02 | 2016-505915 | | | 2018-Aug-10 | 6382940 | | |
| JP | 2014-Jun-04 | 2015-563036 | | | 2016-Dec-16 | 6058828 | | |
| JP | 2014-Jul-09 | 2016-516053 | | | 2017-Apr-28 | 6133500 | | |
| JP | 2014-Jul-23 | 2016-530436 | | | 2018-Aug-31 | 6391690 | | |
| JP | 2014-Aug-27 | 2015-563162 | | | 2017-Mar-31 | 6118431 | | |
| JP | 2014-Oct-14 | 2016-522101 | | | 2019-Feb-22 | 6482544 | | |
| JP | 2014-Nov-12 | 2016-532110 | | | 2019-Mar-15 | 6493924 | | |
| JP | 2014-Dec-23 | 2015-560730 | | | 2016-Nov-25 | 6045725 | | |
| JP | 2015-Feb-03 | 2016-550202 | | | 2017-Aug-04 | 6185672 | | |
| JP | 2015-Feb-23 | 2016-553018 | | | 2018-Apr-13 | 6321192 | | |
| JP | 2015-Jun-24 | 2016-575337 | | | | | | |
| JP | 2015-Sep-25 | 2017-518808 | | | | | | |
| JP | 2015-Nov-03 | 2017-523494 | | | | | | |
| JP | 2016-Apr-04 | 2017-552954 | | | | | | |
| JP | 2016-Apr-04 | 2019-041171 | | | | | | |
| JP | 2016-Apr-20 | 2017-555376 | | | 2018-May-18 | 6339300 | | |
| KR | 1998-Jan-22 | 98-707511 | 2000-Nov-06 | 10-2000-0064753 | 2005-Feb-03 | 0471705 | 2018-Jan-22 | |
| KR | 1999-Sep-08 | 10-2000-7005688 | | | 2007-Nov-08 | 10-0776837 | 2019-Sep-08 | |
| KR | 1999-Sep-17 | 10-2000-7005691 | | | 2007-Mar-26 | 10-0702273 | 2019-Sep-17 | |
| KR | 2000-Apr-06 | 10-2000-7014360 | | | 2006-Nov-22 | 651274 | 2020-Apr-06 | |
| KR | 2000-Jun-22 | 10-2001-7002264 | | | 2007-Feb-28 | 691755 | 2020-Jun-22 | |
| KR | 2000-Aug-07 | 10-2001-7005214 | | | 2008-Jan-23 | 10-0799384 | 2020-Aug-07 | |
| KR | 2001-Jan-08 | 2001-7012370 | | | 2007-Jun-28 | 10-0735943 | 2021-Jan-08 | |
| KR | 2002-Mar-19 | 10-2002-7016146 | | | 2008-May-26 | 10-0834185 | 2022-Mar-19 | |
| KR | 2002-May-14 | 10-2002-7006159 | | | 2007-Dec-14 | 10-0788062 | 2022-May-14 | |
| KR | 2002-Jun-07 | 10-2003-7001707 | | | 2008-May-19 | 10-0832161 | 2022-Jun-07 | |
| KR | 2002-Jun-21 | 10-2003-7002792 | | | 2009-Jul-24 | 10-0910128 | 2022-Jun-21 | |
| KR | 2002-Jul-23 | 10-2003-7004098 | | | 2009-Sep-01 | 10-0916178 | 2022-Jul-23 | |
| KR | 2002-Dec-20 | 10-2004-7010172 | | | 2010-Apr-28 | 10-0956305 | 2022-Dec-20 | |
| KR | 2003-Feb-06 | 10-2004-7012496 | | | 2010-May-25 | 10-0960825 | 2023-Feb-06 | |
| KR | 2003-Jun-12 | 10-2004-7020971 | | | 2010-Jun-21 | 10-0966514 | 2023-Jun-12 | |
| KR | 2003-Dec-03 | 10-2003-0087088 | | | 2010-Nov-11 | 10-0994952 | 2023-Dec-03 | |
| KR | 2003-Dec-11 | 10-2005-7011369 | | | 2010-Aug-19 | 10-0978019 | 2023-Dec-11 | |
| KR | 2003-Dec-11 | 10-2005-7011572 | | | 2010-Sep-08 | 10-0982167 | 2023-Dec-11 | |
| KR | 2003-Dec-18 | 10-2005-7011977 | | | 2013-Jan-14 | 10-1223943 | 2023-Dec-18 | |
| KR | 2004-Apr-30 | 10-2005-7020971 | | | 2012-Jun-21 | 10-1160588 | 2024-Apr-30 | |
| KR | 2004-Nov-05 | 10-2006-7009277 | | | 2012-Aug-20 | 10-1177086 | 2024-Nov-05 | |
| KR | 2005-Mar-14 | 10-2006-7021272 | | | 2012-Sep-07 | 10-1182674 | 2025-Mar-14 | |
| KR | 2005-Apr-27 | 10-2006-7025486 | | | 2012-Jun-29 | 10-1163075 | 2025-Apr-27 | |
| KR | 2005-May-02 | 10-2006-7025609 | | | 2012-Aug-20 | 10-1177076 | 2025-May-02 | |
| KR | 2005-Jun-23 | 10-2007-7002231 | | | 2012-Jan-25 | 10-1111274 | 2025-Jun-23 | |
| KR | 2005-Aug-02 | 10-2007-7005212 | | | 2012-Jul-10 | 10-1166664 | 2025-Aug-02 | |
| KR | 2005-Aug-02 | 10-2007-7005238 | | | 2012-Dec-03 | 10-1209696 | 2025-Aug-02 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement
List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|----------------|-------------|------------|-------------|-------------------|
| KR | 2005-Aug-02 | 10-2007-7005239 | | | 2012-Dec-13 | 10-1214135 | 2025-Aug-02 | |
| KR | 2005-Sep-12 | 10-2007-7009047 | | | 2013-Jan-28 | 10-1228848 | 2025-Sep-12 | |
| KR | 2005-Sep-19 | 10-2007-7009712 | | | 2012-May-11 | 10-1147342 | 2025-Sep-19 | |
| KR | 2005-Oct-17 | 10-2007-7011536 | | | 2013-Mar-25 | 10-1249025 | 2025-Oct-17 | |
| KR | 2005-Nov-24 | 10-2007-7014805 | | | 2013-Nov-07 | 10-1329258 | 2025-Nov-24 | |
| KR | 2005-Nov-28 | 10-2007-7015432 | | | 2012-Nov-02 | 10-1199260 | 2025-Nov-28 | |
| KR | 2006-Apr-03 | 10-2007-7025407 | 2007-Dec-13 | 118171/2007 | 2012-Nov-14 | 10-1203073 | 2026-Apr-03 | |
| KR | 2006-Apr-19 | 10-2007-7027589 | | | 2013-Aug-28 | 10-1303359 | 2026-Apr-19 | |
| KR | 2006-May-08 | 10-2008-7022053 | | | 2013-Aug-20 | 10-1300007 | 2026-May-08 | |
| KR | 2006-May-10 | 10-2007-7030185 | | | 2012-Dec-13 | 10-1214128 | 2026-May-10 | |
| KR | 2006-May-11 | 10-2007-7030168 | | | 2013-Aug-13 | 10-1298192 | 2026-May-11 | |
| KR | 2006-May-23 | 10-2007-7029980 | | | 2013-Dec-13 | 10-1343562 | 2026-May-23 | |
| KR | 2006-May-24 | 10-2007-7030347 | | | 2013-Mar-08 | 10-1243692 | 2026-May-24 | |
| KR | 2006-Jul-05 | 10-2008-7003516 | | | 2013-Aug-28 | 10-1303367 | 2026-Jul-05 | |
| KR | 2006-Sep-15 | 10-2008-7010024 | | | 2013-Sep-30 | 10-1315083 | 2026-Sep-15 | |
| KR | 2006-Nov-07 | 10-2008-7013933 | | | 2012-Nov-27 | 10-1207324 | 2026-Nov-07 | |
| KR | 2006-Nov-20 | 10-2008-7015070 | | | 2013-Aug-28 | 10-1303365 | 2026-Nov-20 | |
| KR | 2006-Dec-06 | 10-2008-7017076 | | | 2014-Nov-28 | 10-1468901 | 2026-Dec-06 | |
| KR | 2006-Dec-11 | 10-2008-7016877 | | | 2013-Nov-07 | 10-1329260 | 2026-Dec-11 | |
| KR | 2006-Dec-12 | 10-2008-7016875 | | | 2013-Sep-30 | 10-1315078 | 2026-Dec-12 | |
| KR | 2007-Jan-26 | 10-2008-7021117 | | | 2013-Aug-28 | 10-1303362 | 2027-Jan-26 | |
| KR | 2007-Apr-20 | 10-2008-7029364 | | | 2013-Dec-06 | 10-1340905 | 2027-Apr-20 | |
| KR | 2007-May-02 | 10-2008-7030125 | | | 2014-Dec-16 | 10-1475215 | 2027-May-02 | |
| KR | 2007-Jun-20 | 10-2009-7002014 | | | 2014-Dec-01 | 10-1469736 | 2027-Jun-20 | |
| KR | 2007-Aug-09 | 10-2009-7016344 | | | 2015-May-22 | 10-1524013 | 2027-Aug-09 | |
| KR | 2007-Aug-17 | 10-2009-7005417 | | | 2014-Nov-28 | 10-1469968 | 2027-Aug-17 | |
| KR | 2007-Aug-22 | 10-2009-7005632 | | | 2014-Nov-04 | 10-1460005 | 2027-Aug-22 | |
| KR | 2007-Sep-20 | 10-2009-7007947 | | | 2015-Jan-12 | 10-1483662 | 2027-Sep-20 | |
| KR | 2007-Sep-20 | 10-2009-7009353 | | | 2014-Feb-27 | 10-1370363 | 2027-Sep-20 | |
| KR | 2007-Sep-20 | 10-2009-7009232 | | | 2015-Feb-09 | 10-1493263 | 2027-Sep-20 | |
| KR | 2007-Oct-11 | 10-2009-7010027 | | | 2014-Feb-21 | 10-1376560 | 2027-Oct-11 | |
| KR | 2007-Oct-31 | 10-2009-7011106 | | | 2015-Mar-26 | 10-1507755 | 2027-Oct-31 | |
| KR | 2007-Nov-09 | 10-2009-7011892 | | | 2014-Nov-04 | 10-1460004 | 2027-Nov-09 | |
| KR | 2007-Nov-27 | 10-2009-7013310 | | | 2015-May-22 | 10-1523993 | 2027-Nov-27 | |
| KR | 2007-Dec-11 | 10-2009-7014358 | | | 2015-Jun-18 | 10-1531378 | 2027-Dec-11 | |
| KR | 2007-Dec-17 | 10-2009-7015043 | | | 2014-Nov-04 | 10-1460002 | 2027-Dec-17 | |
| KR | 2008-Apr-23 | 10-2009-7024700 | | | 2015-Apr-28 | 10-1517353 | 2028-Apr-23 | |
| KR | 2008-Apr-28 | 10-2009-7025193 | | | 2015-Nov-24 | 10-1572819 | 2028-Apr-28 | |
| KR | 2008-May-01 | 10-2009-7025211 | | | 2017-Nov-14 | 10-1799504 | 2028-May-01 | |
| KR | 2008-May-02 | 10-2009-7025447 | | | 2015-May-22 | 10-1524005 | 2028-May-02 | |
| KR | 2008-May-02 | 10-2010-7005002 | | | 2015-Sep-21 | 10-1555894 | 2028-May-02 | |
| KR | 2008-May-02 | 10-2009-7025261 | | | 2015-Mar-04 | 10-1500977 | 2028-May-02 | |
| KR | 2008-Jul-21 | 10-2010-7003857 | | | 2016-Oct-19 | 10-1669264 | 2028-Jul-21 | |
| KR | 2008-Oct-08 | 10-2010-7010136 | | | 2016-Jan-18 | 10-1588033 | 2028-Oct-08 | |
| KR | 2008-Dec-02 | 10-2010-7014991 | | | 2015-Jun-04 | 10-1527712 | 2028-Dec-02 | |
| KR | 2008-Dec-22 | 10-2010-7016494 | | | 2015-Nov-24 | 10-1572811 | 2028-Dec-22 | |
| KR | 2008-Dec-29 | 10-2010-7017189 | | | 2016-Jan-28 | 10-1591509 | 2028-Dec-29 | |
| KR | 2009-Jun-12 | 10-2011-7000943 | | | 2016-Jul-11 | 10-1640242 | 2029-Jun-12 | |
| KR | 2009-Jul-10 | 10-2011-7003156 | | | 2016-May-12 | 10-1622263 | 2029-Jul-10 | |
| KR | 2009-Jul-22 | 10-2011-7004532 | | | 2016-Dec-19 | 10-1689309 | 2029-Jul-22 | |
| KR | 2009-Oct-02 | 10-2011-7010582 | | | 2017-Dec-01 | 10-1806532 | 2029-Oct-02 | |
| KR | 2009-Nov-12 | 10-2011-7013974 | | | 2016-Sep-19 | 10-1659505 | 2029-Nov-12 | |
| KR | 2009-Nov-27 | 10-2011-7015911 | | | 2015-Jul-13 | 10-1537522 | 2029-Nov-27 | |
| KR | 2009-Nov-30 | 10-2011-7018549 | | | 2018-May-08 | 10-1857776 | 2029-Nov-30 | |
| KR | 2010-Jan-04 | 10-2011-7018477 | | | 2018-Mar-12 | 10-1839417 | 2030-Jan-04 | |
| KR | 2010-Mar-15 | 10-2011-7024768 | | | 2017-Jan-20 | 10-1700443 | 2030-Mar-15 | |
| KR | 2010-Mar-30 | 10-2011-7026021 | | | 2017-Dec-12 | 10-1810235 | 2030-Mar-30 | |
| KR | 2010-Apr-01 | 10-2011-7027735 | | | 2016-Jun-09 | 10-1630863 | 2030-Apr-01 | |
| KR | 2010-May-26 | 10-2011-7031126 | | | 2017-Dec-01 | 10-1806534 | 2030-May-26 | |
| KR | 2010-Jun-04 | 10-2012-7000219 | | | 2018-Jun-25 | 10-1872769 | 2030-Jun-04 | |
| KR | 2010-Jun-09 | 10-2012-7001236 | | | 2016-Nov-24 | 10-1681053 | 2030-Jun-09 | |
| KR | 2010-Jun-11 | 10-2012-7001174 | | | 2017-Dec-26 | 10-1814194 | 2030-Jun-11 | |
| KR | 2010-Jun-14 | 10-2012-7001462 | | | 2018-Jul-17 | 10-1880898 | 2030-Jun-14 | |
| KR | 2010-Jun-15 | 10-2012-7001421 | | | 2016-Sep-20 | 10-1659715 | 2030-Jun-15 | |
| KR | 2010-Jun-22 | 10-2012-7001937 | | | 2017-Dec-01 | 10-1806535 | 2030-Jun-22 | |
| KR | 2010-Jul-07 | 10-2016-7029365 | 2016-Oct-31 | KR 20160125534 | | | | |
| KR | 2010-Jul-14 | 10-2012-7004881 | | | 2018-Feb-10 | 10-1830050 | 2030-Jul-14 | |
| KR | 2010-Jul-19 | 10-2012-7004718 | | | 2017-Nov-21 | 10-1801682 | 2030-Jul-19 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement
List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|------------------|-------------|---------------|-------------|-------------|-------------|-------------------|
| KR | 2010-Jul-27 | 10-2012-7004880 | | | 2017-Nov-21 | 10-1801683 | 2030-Jul-27 | |
| KR | 2010-Aug-18 | 10-2012-7007630 | | | 2018-Dec-07 | 10-1928769 | 2030-Aug-18 | |
| KR | 2010-Aug-30 | 10-2012-7008465 | | | 2018-Jun-15 | 10-1869703 | 2030-Aug-30 | |
| KR | 2010-Sep-01 | 10-2012-7008604 | | | 2017-Nov-14 | 10-1799483 | 2030-Sep-01 | |
| KR | 2010-Sep-07 | 10-2012-7009854 | | | 2017-Nov-14 | 10-1799488 | 2030-Sep-07 | |
| KR | 2010-Sep-09 | 10-2011-7019453 | | | 2012-Jun-29 | 10-1163016 | 2030-Sep-09 | |
| KR | 2011-Feb-28 | 10-2012-7025867 | | | | | 2031-Feb-28 | |
| LT | 2006-Oct-11 | 11173044.6 | 2011-Nov-30 | EP 2390866 | 2016-Sep-28 | 2390866 | 2026-Oct-11 | |
| LT | 2006-Oct-11 | 14166066.2 | 2014-Sep-17 | EP 2779146 | 2017-Jul-26 | 2779146 | 2026-Oct-11 | |
| LT | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | | |
| MX | 2007-Sep-20 | A/2009/003541 | | | 2011-Aug-04 | 288977 | 2027-Sep-20 | |
| MX | 2007-Sep-20 | 2009/002916 | | | 2011-Apr-04 | 285404 | 2027-Sep-20 | |
| MX | 2007-Oct-11 | 2009/003898 | | | 2012-May-21 | 299363 | 2027-Oct-11 | |
| MX | 2007-Oct-31 | MX/A/09/004521 | | | 2011-Apr-04 | 285403 | 2027-Oct-31 | |
| MX | 2007-Dec-07 | 2009/005915 | | | 2011-Aug-15 | 289327 | 2027-Dec-07 | |
| MX | 2009-Jun-12 | 2010/013410 | | | 2011-Nov-23 | 292516 | 2029-Jun-12 | |
| MX | 2010-Jul-07 | 2012000755 | 2012-Feb-13 | MX 2012000755 | | | | |
| MX | 2010-Aug-18 | 2012/002255 | | | 2013-Oct-29 | 314726 | 2030-Aug-18 | |
| MX | 2014-Jul-09 | MX/A/2016/001143 | | | 2017-May-25 | 348046 | | |
| MY | 2002-Jun-28 | PI20022452 | | | 2007-Aug-30 | MY-131472-A | 2022-Aug-30 | |
| MY | 2006-May-23 | PI20062381 | | | 2012-Feb-29 | MY-145509-A | 2026-May-23 | |
| NL | 1998-Jan-22 | 98900141.7 | 1999-Jan-13 | EP 0890059 | 2004-Jun-23 | 0890059 | 2018-Jan-22 | |
| NL | 1998-Jul-28 | 98937339.4 | 2000-May-17 | EP 1000295 | 2014-Jul-23 | 1000295 | 2018-Jul-28 | |
| NL | 1998-Aug-26 | 01130297.3 | 2002-Apr-10 | EP 1195740 | 2017-Nov-22 | 1195740 | 2018-Aug-26 | |
| NL | 1999-Sep-03 | 99943116.6 | | EP 1110198 | 2003-Nov-05 | 1110198 | 2019-Sep-03 | |
| NL | 1999-Sep-03 | 03011110.8 | 2004-Feb-25 | EP 1391650 | 2014-Feb-26 | 1391650 | 2019-Sep-03 | |
| NL | 1999-Sep-08 | 99969780.8 | 2000-Nov-02 | EP 1047904 | 2013-Apr-24 | 1047904 | 2019-Sep-08 | |
| NL | 1999-Sep-17 | 99948820.8 | | EP 1046196 | 2008-Jan-16 | 1046196 | 2019-Sep-17 | |
| NL | 2000-Jun-22 | 00947862.9 | | EP 1108180 | 2008-Jul-30 | 1108180 | 2020-Jun-22 | |
| NL | 2000-Jul-14 | 00950360.8 | 2002-Jul-24 | EP 1224845 | 2005-Nov-02 | 1224845 | 2020-Jul-14 | |
| NL | 2000-Nov-20 | 00980578.9 | 2002-Aug-28 | EP 1234140 | 2005-Aug-10 | 1234140 | 2020-Nov-20 | |
| NL | 2000-Nov-20 | 05076817.5 | 2005-Dec-28 | EP 1610593 | 2015-Jul-08 | 1610593 | 2020-Nov-20 | |
| NL | 2000-Dec-01 | 00126262.5 | 2001-Jun-13 | EP 1106914 | 2002-Sep-11 | 1106914 | 2020-Dec-01 | |
| NL | 2001-Apr-24 | 03028671.0 | | EP 1422975 | 2010-Apr-14 | 1422975 | 2021-Apr-24 | |
| NL | 2001-Apr-24 | 07075990.7 | 2008-Feb-13 | EP 1887836 | 2012-Mar-07 | 1887836 | 2021-Apr-24 | |
| NL | 2001-Aug-14 | 01203099.5 | | EP 1182396 | 2009-Oct-14 | 1182396 | 2021-Aug-14 | |
| NL | 2001-Aug-31 | 01120981.4 | 2002-Mar-06 | EP 1183964 | 2003-Nov-05 | 1183964 | 2021-Aug-31 | |
| NL | 2001-Oct-25 | 01997118.3 | | EP 1337784 | 2009-Jun-17 | 1337784 | 2021-Oct-25 | |
| NL | 2001-Dec-20 | 01994819.9 | | EP 1399692 | 2008-Nov-05 | 1399692 | 2021-Dec-21 | |
| NL | 2002-Jun-21 | 02738518.6 | | EP 1405551 | 2008-Dec-10 | 1405551 | 2022-Jun-21 | |
| NL | 2003-Aug-28 | 03791823.2 | | EP 1535495 | 2010-Jan-13 | 1535495 | 2023-Aug-28 | |
| NL | 2004-Apr-21 | 04760087.9 | 2006-Feb-01 | EP 1620843 | 2015-Sep-02 | 1620843 | 2024-Apr-21 | |
| NL | 2005-Mar-02 | 05724343.8 | 2006-Dec-13 | EP 1729615 | 2019-May-08 | 1729615 | 2025-Mar-02 | |
| NL | 2005-Sep-19 | 14162998.0 | 2014-Oct-15 | EP 2789894 | 2018-Dec-12 | 2789894 | 2025-Sep-19 | |
| NL | 2005-Sep-19 | 05783602.5 | 2007-Jul-11 | EP 1805452 | 2014-Apr-23 | 1805452 | 2025-Sep-19 | |
| NL | 2005-Oct-11 | 1030161 | | | 2007-Apr-12 | 1030161 | 2025-Oct-11 | |
| NL | 2005-Nov-09 | 05809900.3 | | EP 1815536 | 2011-Feb-09 | 1815536 | 2025-Nov-09 | |
| NL | 2005-Dec-02 | 05815525.0 | | | 2017-Oct-04 | 1842399 | 2025-Dec-02 | |
| NL | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| NL | 2006-Apr-03 | 06716702.3 | 2007-Nov-29 | EP 1869365 | 2013-Jun-12 | 1869365 | 2026-Apr-03 | |
| NL | 2006-May-08 | 06770064.1 | 2008-Oct-29 | EP 1984667 | 2017-Aug-23 | 1984667 | 2026-May-08 | |
| NL | 2006-May-24 | 06765708.0 | | EP 1889519 | 2009-Mar-18 | 1889519 | 2026-May-24 | |
| NL | 2006-Oct-11 | 06812715.8 | | EP 1938298 | 2012-Jun-13 | 1938298 | 2026-Oct-11 | |
| NL | 2006-Oct-11 | 2000273 | 2007-Apr-12 | NL 2000273 | 2010-Oct-22 | 2000273 | 2026-Oct-11 | |
| NL | 2006-Nov-13 | 06821415.4 | 2008-Aug-06 | EP 1952055 | 2019-Jan-09 | 1952055 | 2026-Nov-13 | |
| NL | 2006-Dec-13 | 06842469.6 | 2008-Sep-10 | EP 1966624 | 2011-Jun-29 | 1966624 | 2026-Dec-13 | |
| NL | 2006-Dec-13 | 11155525.6 | 2011-May-25 | EP 2325670 | 2017-Oct-25 | 2325670 | 2026-Dec-13 | |
| NL | 2007-Mar-02 | 07713186.0 | 2008-Dec-03 | EP 1997352 | 2018-Oct-24 | 1997352 | 2027-Mar-02 | |
| NL | 2007-Apr-20 | 07735597.2 | 2009-Jan-21 | EP 2016804 | 2011-Jun-29 | 2016804 | 2027-Apr-20 | |
| NL | 2007-May-31 | 07736055.0 | 2009-Mar-04 | EP 2030483 | 2015-Oct-21 | 2030483 | 2027-May-31 | |
| NL | 2007-Jun-19 | 07789721.3 | 2009-Mar-25 | EP 2039069 | 2017-Apr-05 | 2039069 | 2027-Jun-19 | |
| NL | 2007-Jun-20 | 07789748.6 | 2009-Mar-25 | EP 2039227 | 2018-Mar-21 | 2039227 | 2027-Jun-20 | |
| NL | 2007-Oct-19 | 07861452.6 | 2009-Aug-12 | EP 2087776 | 2014-Dec-10 | 2087776 | 2027-Oct-19 | |
| NL | 2007-Nov-06 | 07826984.2 | | EP 2082620 | 2010-Jul-28 | 2082620 | 2027-Nov-06 | |
| NL | 2007-Nov-27 | 07862228.9 | 2009-Aug-19 | EP 2089656 | 2011-Mar-02 | 2089656 | 2027-Nov-27 | |
| NL | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | | |
| NL | 2008-Apr-04 | 08737714.9 | | EP 2135005 | 2010-Oct-06 | 2135005 | 2028-Apr-04 | |
| NL | 2008-Apr-23 | 08737957.4 | 2010-Jan-20 | EP 2145508 | 2018-Aug-15 | 2145508 | 2028-Apr-23 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement
List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------|-------------|-----------|-------------|-------------------|
| NL | 2008-May-01 | 14195242.4 | 2015-Apr-22 | EP 2863104 | | | | |
| NL | 2008-Oct-08 | 15170674.4 | 2016-Aug-03 | EP 3051586 | 2018-Feb-21 | 3051586 | 2028-Oct-08 | |
| NL | 2009-Jun-12 | 09761216.2 | 2011-Mar-02 | EP 2288848 | 2018-Dec-26 | 2288848 | 2029-Jun-12 | |
| NL | 2009-Nov-27 | 09775293.5 | 2011-Oct-19 | EP 2377371 | 2016-Apr-20 | 2377371 | 2029-Nov-27 | |
| NL | 2010-Jan-05 | 10702908.4 | 2011-Nov-16 | EP 2386043 | 2016-Apr-13 | 2386043 | 2030-Jan-05 | |
| NL | 2010-Mar-15 | 10712534.6 | 2012-Feb-01 | EP 2412209 | 2018-Feb-21 | 2412209 | 2030-Mar-15 | |
| NL | 2010-Apr-01 | 10715358.7 | 2012-Feb-29 | EP 2422507 | 2013-Jun-19 | 2422507 | 2030-Apr-01 | |
| NL | 2010-Jun-11 | 10730223.4 | 2012-Apr-25 | EP 2443387 | 2016-Mar-02 | 2443387 | 2030-Jun-11 | |
| NL | 2010-Jun-22 | 10731600.2 | 2012-May-02 | EP 2446708 | 2019-Mar-27 | 2446708 | 2030-Jun-22 | |
| NL | 2011-Feb-28 | 11713358.7 | 2013-Jan-09 | EP 2542826 | 2018-Oct-24 | 2542826 | 2031-Feb-28 | |
| NL | 2011-Nov-16 | 11794283.9 | | | 2019-Jan-09 | 2681969 | | |
| NL | 2012-Oct-05 | 12795854.4 | 2014-Jul-02 | EP 2748975 | 2019-Apr-03 | 2748975 | 2032-Oct-05 | |
| NL | 2012-Oct-19 | 12841485.1 | 2014-Aug-27 | EP 2769142 | 2018-Feb-21 | 2769142 | 2032-Oct-19 | |
| NL | 2013-Jan-02 | 13703878.2 | 2014-Aug-06 | EP 2761978 | 2016-Apr-06 | 2761978 | 2033-Jan-02 | |
| NL | 2013-Feb-22 | 13717316.7 | 2014-Dec-17 | EP 2823691 | 2019-Apr-10 | 2823691 | | |
| NL | 2013-Jul-12 | 13765494.3 | 2015-May-20 | EP 2873299 | 2019-Jan-09 | 2873299 | | |
| NL | 2014-Mar-05 | 14709902.2 | 2016-Jan-27 | EP 2976567 | 2017-May-10 | 2976567 | 2034-Mar-05 | |
| NL | 2014-Jun-04 | 14728546.4 | 2016-Apr-13 | EP 3005834 | 2018-Mar-21 | 3005834 | 2034-Jun-04 | |
| NL | 2014-Jul-09 | 14738810.2 | 2016-Jun-08 | EP | 2017-Feb-22 | 3028541 | 2034-Jul-09 | |
| NL | 2014-Jul-23 | 14741900.6 | 2016-Jun-08 | EP 3028543 | 2018-Jan-17 | 3028543 | 2034-Jul-23 | |
| NO | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | | |
| NO | 2008-Apr-23 | 08737957.4 | 2010-Jan-20 | EP 2145508 | 2018-Aug-15 | 2145508 | 2028-Apr-23 | |
| NO | 2008-Oct-08 | 15170674.4 | 2016-Aug-03 | EP 3051586 | 2018-Feb-21 | 3051586 | 2028-Oct-08 | |
| NO | 2011-Feb-28 | 11713358.7 | 2013-Jan-09 | EP 2542826 | 2018-Oct-24 | 2542826 | 2031-Feb-28 | |
| NO | 2012-Oct-19 | 12841485.1 | 2014-Aug-27 | EP 2769142 | 2018-Feb-21 | 2769142 | 2032-Oct-19 | |
| NO | 2013-Feb-22 | 13717316.7 | 2014-Dec-17 | EP 2823691 | 2019-Apr-10 | 2823691 | | |
| NO | 2014-Jun-04 | 14728546.4 | 2016-Apr-13 | EP 3005834 | 2018-Mar-21 | 3005834 | 2034-Jun-04 | |
| NO | 2014-Jul-23 | 14741900.6 | 2016-Jun-08 | EP 3028543 | 2018-Jan-17 | 3028543 | 2034-Jul-23 | |
| PL | 2004-Apr-21 | 04760087.9 | 2006-Feb-01 | EP 1620843 | 2015-Sep-02 | 1620843 | 2024-Apr-21 | |
| PL | 2005-Sep-19 | 05783602.5 | 2007-Jul-11 | EP 1805452 | 2014-Apr-23 | 1805452 | 2025-Sep-19 | |
| PL | 2005-Sep-19 | 14162998.0 | 2014-Oct-15 | EP 2789894 | 2018-Dec-12 | 2789894 | 2025-Sep-19 | |
| PL | 2005-Nov-09 | 05809900.3 | | EP 1815536 | 2011-Feb-09 | 1815536 | 2025-Nov-09 | |
| PL | 2005-Dec-02 | 05815525.0 | | | 2017-Oct-04 | 1842399 | 2025-Dec-02 | |
| PL | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| PL | 2006-Apr-03 | 06716702.3 | 2007-Nov-29 | EP 1869365 | 2013-Jun-12 | 1869365 | 2026-Apr-03 | |
| PL | 2006-May-24 | 06765708.0 | | EP 1889519 | 2009-Mar-18 | 1889519 | 2026-May-24 | |
| PL | 2006-Oct-11 | 14166066.2 | 2014-Sep-17 | EP 2779146 | 2017-Jul-26 | 2779146 | 2026-Oct-11 | |
| PL | 2006-Oct-11 | 06812715.8 | | EP 1938298 | 2012-Jun-13 | 1938298 | 2026-Oct-11 | |
| PL | 2006-Oct-11 | 11173044.6 | 2011-Nov-30 | EP 2390866 | 2016-Sep-28 | 2390866 | 2026-Oct-11 | |
| PL | 2006-Dec-13 | 06842469.6 | 2008-Sep-10 | EP 1966624 | 2011-Jun-29 | 1966624 | 2026-Dec-13 | |
| PL | 2006-Dec-13 | 11155525.6 | 2011-May-25 | EP 2325670 | 2017-Oct-25 | 2325670 | 2026-Dec-13 | |
| PL | 2007-Mar-02 | 07713186.0 | 2008-Dec-03 | EP 1997352 | 2018-Oct-24 | 1997352 | 2027-Mar-02 | |
| PL | 2007-May-02 | 07735739.0 | 2009-Jan-28 | EP 2018795 | 2016-Dec-14 | 2018795 | 2027-May-02 | |
| PL | 2007-Jun-20 | 07789748.6 | 2009-Mar-25 | EP 2039227 | 2018-Mar-21 | 2039227 | 2027-Jun-20 | |
| PL | 2007-Oct-12 | 07826733.3 | 2009-Jul-29 | EP 2082167 | 2017-Feb-22 | 2082167 | 2027-Oct-12 | |
| PL | 2007-Oct-19 | 07861452.6 | 2009-Aug-12 | EP 2087776 | 2014-Dec-10 | 2087776 | 2027-Oct-19 | |
| PL | 2007-Nov-27 | 07862228.9 | 2009-Aug-19 | EP 2089656 | 2011-Mar-02 | 2089656 | 2027-Nov-27 | |
| PL | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | | |
| PL | 2008-Mar-31 | 08737675.2 | 2010-Jan-13 | EP 2143303 | 2012-Aug-08 | 2143303 | 2028-Mar-31 | |
| PL | 2008-Apr-23 | 08737957.4 | 2010-Jan-20 | EP 2145508 | 2018-Aug-15 | 2145508 | 2028-Apr-23 | |
| PL | 2008-Apr-28 | 08738006.9 | 2010-Jan-27 | EP 2147576 | 2014-Apr-16 | 2147576 | 2028-Apr-28 | |
| PL | 2008-Oct-08 | 15170674.4 | 2016-Aug-03 | EP 3051586 | 2018-Feb-21 | 3051586 | 2028-Oct-08 | |
| PL | 2009-Nov-12 | 09760323.7 | 2011-Aug-24 | EP 2359052 | 2016-Feb-10 | 2359052 | 2029-Nov-12 | |
| PL | 2010-Jun-11 | 10730223.4 | 2012-Apr-25 | EP 2443387 | 2016-Mar-02 | 2443387 | 2030-Jun-11 | |
| PL | 2010-Jun-14 | 10732438.6 | 2012-Apr-25 | EP 2443380 | 2014-Sep-10 | 2443380 | 2030-Jun-14 | |
| PL | 2010-Sep-01 | 10757276.0 | 2012-Jul-11 | EP 2474201 | 2017-Jun-28 | 2474201 | 2030-Sep-01 | |
| PL | 2011-Feb-28 | 11713358.7 | 2013-Jan-09 | EP 2542826 | 2018-Oct-24 | 2542826 | 2031-Feb-28 | |
| PL | 2011-Nov-16 | 11794283.9 | | | 2019-Jan-09 | 2681969 | | |
| PL | 2012-Oct-19 | 12841485.1 | 2014-Aug-27 | EP 2769142 | 2018-Feb-21 | 2769142 | 2032-Oct-19 | |
| PL | 2012-Oct-19 | 12808477.9 | 2014-Jun-25 | EP 2745626 | 2017-May-10 | 2745626 | 2032-Oct-19 | |
| PL | 2013-Jan-02 | 13703878.2 | 2014-Aug-06 | EP 2761978 | 2016-Apr-06 | 2761978 | 2033-Jan-02 | |
| PL | 2013-Feb-22 | 13717316.7 | 2014-Dec-17 | EP 2823691 | 2019-Apr-10 | 2823691 | | |
| PL | 2013-Apr-16 | 13726598.9 | 2015-Feb-25 | EP 2839204 | 2016-Dec-14 | 2839204 | 2033-Apr-16 | |
| PL | 2013-Jul-12 | 13765494.3 | 2015-May-20 | EP 2873299 | 2019-Jan-09 | 2873299 | | |
| PL | 2013-Sep-17 | 13799377.0 | 2015-Jul-29 | EP 2898265 | 2016-Dec-07 | 2898265 | 2033-Sep-17 | |
| PL | 2014-Mar-05 | 14709902.2 | 2016-Jan-27 | EP 2976567 | 2017-May-10 | 2976567 | 2034-Mar-05 | |
| PL | 2014-Mar-12 | 14713924.0 | 2016-Feb-03 | EP | 2017-Feb-22 | 2979023 | 2034-Mar-12 | |
| PL | 2014-Jun-04 | 14728546.4 | 2016-Apr-13 | EP 3005834 | 2018-Mar-21 | 3005834 | 2034-Jun-04 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement
 List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|---------------|-------------|-----------|-------------|-------------------|
| PL | 2014-Jul-09 | 14738810.2 | 2016-Jun-08 | EP | 2017-Feb-22 | 3028541 | 2034-Jul-09 | |
| PL | 2014-Jul-23 | 14741900.6 | 2016-Jun-08 | EP 3028543 | 2018-Jan-17 | 3028543 | 2034-Jul-23 | |
| PL | 2014-Dec-23 | 14819015.0 | 2015-Oct-28 | EP 2935980 | 2016-Jun-15 | 2935980 | 2034-Dec-23 | |
| PL | 2015-Feb-23 | EP15706017.9 | 2016-Aug-31 | EP | 2017-Apr-12 | 3061320 | 2035-Feb-23 | |
| PT | 1999-Sep-03 | 03011110.8 | 2004-Feb-25 | EP 1391650 | 2014-Feb-26 | 1391650 | 2019-Sep-03 | |
| PT | 2000-Nov-20 | 05076817.5 | 2005-Dec-28 | EP 1610593 | 2015-Jul-08 | 1610593 | 2020-Nov-20 | |
| PT | 2001-Apr-24 | 07075990.7 | 2008-Feb-13 | EP 1887836 | 2012-Mar-07 | 1887836 | 2021-Apr-24 | |
| PT | 2001-Apr-24 | 03028671.0 | | EP 1422975 | 2010-Apr-14 | 1422975 | 2021-Apr-24 | |
| PT | 2002-Jun-21 | 02738518.6 | 2009-Mar-12 | EP 1405551 | 2008-Dec-10 | 1405551 | 2022-Jun-21 | |
| PT | 2005-Sep-19 | 05783602.5 | 2007-Jul-11 | EP 1805452 | 2014-Apr-23 | 1805452 | 2025-Sep-19 | |
| PT | 2005-Sep-19 | 14162998.0 | 2014-Oct-15 | EP 2789894 | 2018-Dec-12 | 2789894 | 2025-Sep-19 | |
| PT | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| PT | 2006-May-08 | 06770064.1 | 2008-Oct-29 | EP 1984667 | 2017-Aug-23 | 1984667 | 2026-May-08 | |
| PT | 2007-May-31 | 15177099.7 | 2016-Apr-27 | EP 3013124 | 2017-Jul-12 | 3013124 | 2027-May-31 | |
| PT | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | | |
| PT | 2013-Jul-12 | 13765494.3 | 2015-May-20 | EP 2873299 | 2019-Jan-09 | 2873299 | | |
| PT | 2014-Jun-04 | 14728546.4 | 2016-Apr-13 | EP 3005834 | 2018-Mar-21 | 3005834 | 2034-Jun-04 | |
| RO | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| RO | 2006-May-08 | 06770064.1 | 2008-Oct-29 | EP 1984667 | 2017-Aug-23 | 1984667 | 2026-May-08 | |
| RU | 2006-Nov-13 | 2008124163 | 2009-Dec-27 | RU 2426939 | 2011-Aug-20 | 2426939 | 2026-Nov-13 | |
| RU | 2007-Mar-02 | 2008139417 | 2010-Apr-20 | RU 2427954 | 2011-Aug-27 | 2427954 | 2027-Mar-02 | |
| RU | 2007-Apr-20 | 2008147407 | 2010-Jun-10 | RU 2420043 | 2011-May-27 | 2420043 | 2027-Apr-20 | |
| RU | 2007-Aug-09 | 2009129947 | 2011-Feb-10 | RU 2476040 | 2013-Feb-20 | 2476040 | 2027-Aug-09 | |
| RU | 2007-Aug-17 | 2009109424 | 2010-Oct-27 | RU 2449212 | 2012-Apr-27 | 2449212 | 2027-Aug-17 | |
| RU | 2007-Aug-22 | 2009110170 | 2010-Sep-27 | RU 2458488 | 2012-Aug-10 | 2458488 | 2027-Aug-22 | |
| RU | 2007-Sep-18 | 2009115864 | 2011-Nov-10 | RU 2437184 | 2011-Dec-20 | 2437184 | 2027-Sep-18 | |
| RU | 2007-Sep-20 | 2009117251 | 2010-Nov-20 | RU 2427983 | 2011-Aug-27 | 2427983 | 2027-Sep-20 | |
| RU | 2007-Sep-20 | 2009117249 | | RU 2416179 | 2011-Apr-10 | 2416179 | 2027-Sep-20 | |
| RU | 2007-Sep-20 | 2009114716 | 2010-Oct-27 | RU 2447624 | 2012-Apr-10 | 2447624 | 2027-Sep-20 | |
| RU | 2007-Oct-19 | 2009118599 | | RU 2483498 | 2013-May-27 | 2483498 | 2027-Oct-19 | |
| RU | 2007-Oct-31 | 2009120477 | 2010-Dec-10 | RU 2462002 | 2012-Sep-20 | 2462002 | 2027-Oct-31 | |
| RU | 2007-Nov-08 | 2009122979 | 2010-Dec-27 | RU 2479956 | 2013-Apr-20 | 2479956 | 2027-Nov-08 | |
| RU | 2007-Nov-09 | 2009122178 | 2010-Dec-20 | RU 2462842 | 2012-Sep-27 | 2462842 | 2027-Nov-09 | |
| RU | 2007-Nov-27 | 2009124921 | 2011-Jan-10 | RU 2475795 | 2013-Feb-20 | 2475795 | 2027-Nov-27 | |
| RU | 2007-Nov-27 | 2009124435 | 2011-Jan-10 | RU 2446348 | 2012-Mar-27 | 2446348 | 2027-Nov-27 | |
| RU | 2007-Dec-11 | 2009126539 | 2011-Jan-20 | RU 2470496 | 2012-Dec-20 | 2470496 | 2027-Dec-11 | |
| RU | 2007-Dec-11 | 2009126538 | 2011-Jan-20 | RU 2453078 | 2012-Jun-10 | 2453078 | 2027-Dec-11 | |
| RU | 2007-Dec-12 | 2009126568 | 2011-Aug-25 | RU 2476038 | 2013-Feb-20 | 2476038 | 2027-Dec-12 | |
| RU | 2007-Dec-17 | 2009127701 | 2011-Jan-27 | RU 2453928 | 2012-Jun-20 | 2453928 | 2027-Dec-17 | |
| RU | 2008-Mar-19 | 2009139239 | | RU 2452894 | 2012-Jun-10 | 2452894 | 2028-Mar-19 | |
| RU | 2008-Mar-31 | 2009140317 | 2011-May-10 | RU 2462841 | 2012-Sep-27 | 2462841 | 2028-Mar-31 | |
| RU | 2008-Apr-04 | 2009140774 | 2011-May-10 | RU 2456503 | 2012-Jul-20 | 2456503 | 2028-Apr-04 | |
| RU | 2008-May-01 | 2009144533 | 2011-Jun-10 | RU 2475674 | 2013-Feb-20 | 2475674 | 2028-May-01 | |
| RU | 2008-May-02 | 2009145081 | 2011-Jun-20 | RU 2490540 | 2013-Aug-20 | 2490540 | 2028-May-02 | |
| RU | 2008-Sep-16 | 2010116393 | 2012-Nov-10 | RU 2475675 | 2013-Feb-20 | 2475675 | 2028-Sep-16 | |
| RU | 2008-Oct-08 | 2010118617 | 2011-Nov-20 | RU 2543987 | 2015-Mar-10 | 2543987 | 2028-Oct-08 | |
| RU | 2008-Dec-16 | 2010129425 | 2012-Jan-27 | RU 2480801 | 2013-Apr-27 | 2480801 | 2028-Dec-16 | |
| RU | 2008-Dec-22 | 2010130662 | 2012-Jan-27 | RU 2485396 | 2013-Jun-20 | 2485396 | 2028-Dec-22 | |
| RU | 2008-Dec-29 | 201032148 | 2012-Feb-10 | RU 2498540 | 2013-Nov-10 | 2498540 | 2028-Dec-29 | |
| RU | 2009-Jun-12 | 2011100844 | 2012-Jul-20 | RU 2502919 | 2013-Dec-27 | 2502919 | 2029-Jun-12 | |
| RU | 2009-Jul-10 | 2011105018 | 2012-Aug-20 | RU 2502014 | 2013-Dec-20 | 2502014 | 2029-Jul-10 | |
| RU | 2009-Jul-22 | 2011107217 | 2012-Sep-10 | RU 2563881 | 2015-Sep-27 | 2563881 | 2029-Jul-22 | |
| RU | 2009-Oct-02 | 2011118396 | 2012-Nov-20 | RU 2510602 | 2014-Mar-27 | 2510602 | 2029-Oct-02 | |
| RU | 2009-Nov-12 | 2011124961 | 2012-Dec-27 | RU 2508498 | 2014-Feb-27 | 2508498 | 2029-Nov-12 | |
| RU | 2009-Nov-27 | 2011128018 | 2013-Jan-20 | RU 2540802 | 2014-Aug-22 | 2540802 | 2029-Nov-27 | |
| RU | 2009-Nov-30 | 2011133245 | 2013-Feb-20 | RU 2526046 | 2014-Aug-20 | 2526046 | 2029-Nov-30 | |
| RU | 2010-Jan-04 | 2011133243 | | RU 2519278 | 2014-Jun-10 | 2519278 | 2030-Jan-04 | |
| RU | 2010-Mar-15 | 2011142770 | | RU 2565662 | 2015-Oct-20 | 2565662 | 2030-Mar-15 | |
| RU | 2010-Mar-30 | 2011144359 | 2013-May-10 | RU 2544393 | 2015-Mar-20 | 2544393 | 2030-Mar-30 | |
| RU | 2010-Apr-01 | 2011147237 | 2013-May-27 | RU 2530711 | 2014-Oct-10 | 2530711 | 2030-Apr-01 | |
| RU | 2010-Apr-23 | 2011149279 | 2013-Jun-10 | RU 2538098 | 2015-Jan-10 | 2538098 | 2030-Apr-23 | |
| RU | 2010-May-05 | 2011151986 | 2013-Jun-27 | RU 2556083 | 2015-Jul-10 | 2556083 | 2030-May-05 | |
| RU | 2010-May-21 | 2011153789 | 2013-Jul-10 | RU 2535351 | 2014-Dec-10 | 2535351 | 2030-May-21 | |
| RU | 2010-May-26 | 2011153724 | 2013-Jul-10 | RU 2565579 | 2015-Oct-20 | 2565579 | 2030-May-26 | |
| RU | 2010-Jun-09 | 2012101448 | 2013-Jul-27 | RU 2523438 | 2014-Jul-20 | 2523438 | 2030-Jun-09 | |
| RU | 2010-Jun-11 | 2012101430 | 2013-Jul-23 | RU 2571194 | 2015-Dec-20 | 2571194 | 2030-Jun-11 | |
| RU | 2010-Jun-14 | 2012101802 | 2013-Jul-27 | RU 2528949 | 2014-Sep-20 | 2528949 | 2030-Jun-14 | |
| RU | 2010-Jul-07 | 2012104207 | 2013-Aug-27 | RU 2012104207 | 2014-Dec-20 | 2536353 | | |

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|---------------|-------------|-----------|-------------|-------------------|
| RU | 2010-Jul-14 | 2012106256 | 2013-Aug-27 | RU 2579746 | 2016-Apr-10 | 2579746 | 2030-Jul-14 | |
| RU | 2010-Jul-19 | 2012106597 | 2013-Aug-27 | RU 2545025 | 2015-Mar-27 | 2545025 | 2030-Jul-19 | |
| RU | 2010-Jul-27 | 2012106819 | 2013-Sep-10 | RU 2531364 | 2014-Oct-29 | 2531364 | 2030-Jul-27 | |
| RU | 2010-Aug-18 | 2012111272 | 2013-Oct-10 | RU 2556015 | 2015-Jul-10 | 2556015 | 2030-Aug-18 | |
| RU | 2010-Sep-01 | 2012112942 | 2013-Oct-10 | RU 2550496 | 2015-May-10 | 2550496 | 2030-Sep-01 | |
| RU | 2010-Sep-07 | 2012115478 | 2013-Oct-27 | RU 2554080 | 2015-Jun-27 | 2554080 | 2030-Sep-07 | |
| RU | 2010-Sep-09 | 2012116093 | 2013-Oct-27 | RU 2538104 | 2014-Dec-17 | 2538104 | 2030-Sep-09 | |
| RU | 2010-Sep-09 | 2011134646 | | RU 2479786 | 2013-Apr-20 | 2479786 | 2030-Sep-09 | |
| RU | 2010-Nov-22 | 2012129893 | 2014-Jan-27 | RU 2548570 | 2015-Apr-20 | 2548570 | 2030-Nov-22 | |
| RU | 2010-Dec-10 | 2012129840 | 2014-Jan-27 | RU 2556711 | 2015-Jul-20 | 2556711 | 2030-Dec-10 | |
| RU | 2011-Feb-28 | 2012142015 | 2014-Apr-10 | RU 2578198 | 2016-Mar-27 | 2578198 | 2031-Feb-28 | |
| RU | 2011-Mar-11 | 2012145268 | 2014-Apr-27 | RU 2556019 | 2015-Jul-10 | 2556019 | 2031-Mar-11 | |
| RU | 2011-Apr-01 | 2012147600 | 2014-May-20 | RU 2569325 | 2015-Nov-20 | 2569325 | 2031-Apr-01 | |
| RU | 2011-Jun-24 | 2013107515 | 2014-Aug-27 | RU 2577778 | 2016-Mar-20 | 2577778 | 2031-Jun-24 | |
| RU | 2011-Jun-30 | 2013104531 | 2014-Aug-10 | RU 2567542 | 2015-Nov-10 | 2567542 | 2031-Jun-30 | |
| RU | 2011-Aug-05 | 2013114447 | 2014-Oct-10 | RU 2584478 | 2016-May-20 | 2584478 | 2031-Aug-05 | |
| RU | 2011-Nov-15 | 2013128872 | | RU 2572587 | 2016-Jan-20 | 2572587 | 2031-Nov-15 | |
| RU | 2012-Jan-11 | 2013137840 | 2015-Feb-20 | RU 2583901 | 2016-May-10 | 2583901 | 2032-Jan-11 | |
| RU | 2012-Mar-16 | 2013148122 | 2015-May-10 | RU 2608560 | 2017-Jan-23 | 2608560 | 2032-Mar-16 | |
| RU | 2012-Mar-22 | 2013148121 | | RU 2587982 | 2016-Jun-27 | 2587982 | 2032-Mar-22 | |
| RU | 2012-Mar-27 | 2013148126 | 2015-May-10 | RU 2604636 | 2016-Dec-10 | 2604636 | 2032-Mar-27 | |
| RU | 2012-Apr-02 | 2013148739 | | | 2017-Apr-19 | 2617030 | 2032-Apr-02 | |
| RU | 2012-May-14 | 2013156233 | 2015-Jun-27 | RU 2013156233 | 2017-Jul-03 | 2624250 | 2032-May-14 | |
| RU | 2012-Oct-05 | 2014117947 | 2015-Nov-20 | RU 2014117947 | 2017-Dec-15 | 2638749 | 2032-Oct-05 | |
| RU | 2012-Oct-12 | 2014119251 | 2015-Nov-20 | RU 2014119251 | 2017-Feb-22 | 2611428 | 2032-Oct-12 | |
| RU | 2012-Oct-17 | 2014120165 | 2015-Nov-27 | RU 2014120165 | 2017-Jan-30 | 2609130 | 2032-Oct-17 | |
| RU | 2012-Oct-19 | 2014119852 | | | 2017-Dec-25 | 2639980 | 2032-Oct-19 | |
| RU | 2012-Oct-29 | 2014122556 | 2015-Dec-10 | RU 2014122556 | 2017-Feb-22 | 2611427 | 2032-Oct-29 | |
| RU | 2012-Dec-11 | 2014128630 | | | 2017-Aug-18 | 2628527 | 2032-Dec-11 | |
| RU | 2013-Jan-02 | 2014132352 | | | 2017-Apr-25 | 2617414 | 2033-Jan-02 | |
| RU | 2013-Jan-02 | 2014132387 | 2016-Feb-27 | RU 2014132387 | 2018-Oct-11 | 2669381 | 2033-Jan-02 | |
| RU | 2013-Jan-10 | 2014133156 | 2016-Mar-10 | RU 2014133156 | 2017-Jun-07 | 2621718 | 2033-Jan-10 | |
| RU | 2013-Jan-18 | 2014135413 | | | 2018-Aug-30 | 2665463 | 2033-Jan-18 | |
| RU | 2013-Jan-25 | 2014135465 | | | 2017-May-11 | 2618697 | 2033-Jan-25 | |
| RU | 2013-Feb-22 | 2014138497 | 2016-Apr-20 | RU 2014138497 | 2017-Jun-22 | 2623093 | 2033-Feb-22 | |
| RU | 2013-Mar-07 | 2014143047 | | | 2017-Jun-27 | 2623497 | 2033-Mar-07 | |
| RU | 2013-Mar-08 | 2014142062 | 2016-May-10 | RU 2014142062 | 2018-Feb-13 | 2644562 | 2033-Mar-08 | |
| RU | 2013-Mar-20 | 2014143497 | 2016-May-27 | RU 2014143497 | 2017-Jul-13 | 2625333 | 2033-Mar-20 | |
| RU | 2013-Apr-02 | 2014144323 | 2016-May-27 | RU 2014144323 | 2017-Nov-24 | 2636582 | 2033-Apr-02 | |
| RU | 2013-May-22 | 2014153755 | | | 2017-Sep-22 | 2631419 | 2033-May-22 | |
| RU | 2013-Jun-17 | 2015102307 | 2016-Aug-20 | RU 2015102307 | 2018-Feb-28 | 2645727 | 2033-Jun-17 | |
| RU | 2013-Jul-12 | 2015104875 | | | 2017-Nov-20 | 2636056 | 2033-Jul-12 | |
| RU | 2013-Sep-17 | 2015114551 | | | 2018-Jul-03 | 2659585 | 2033-Sep-17 | |
| RU | 2013-Sep-24 | 2014149133 | 2016-Jul-20 | RU 2014149133 | 2018-Sep-11 | 2667151 | 2033-Sep-24 | |
| RU | 2014-Mar-05 | 2015142484 | | | 2018-Jun-07 | 2656865 | 2034-Mar-05 | |
| RU | 2014-Apr-02 | 2015147185 | | | 2018-Nov-07 | 2671811 | 2034-Apr-02 | |
| RU | 2014-Jun-04 | 2015156598 | | | 2018-Jun-14 | 2657472 | 2034-Jun-04 | |
| RU | 2014-Jul-23 | 2016106634 | | | 2018-Aug-10 | 2663816 | 2034-Jul-23 | |
| RU | 2014-Nov-12 | 2016123818 | | | 2018-Nov-28 | 2673563 | 2034-Nov-12 | |
| RU | 2014-Dec-23 | 2015141875 | | | 2018-Dec-19 | 2675382 | 2034-Dec-23 | |
| RU | 2015-Feb-03 | 2016124666 | | | 2018-Sep-17 | 2667152 | 2035-Feb-03 | |
| RU | 2015-Feb-23 | 2016125124 | | | 2017-Nov-03 | 2634699 | 2035-Feb-23 | |
| RU | 2015-Jun-24 | 2017103292 | | | | | | |
| RU | 2015-Nov-03 | 2017118873 | | | | | | |
| RU | 2016-Apr-04 | 2017135372 | | | | | | |
| RU | 2016-Apr-20 | 2017133132 | | | 2018-Jun-07 | 2656875 | 2036-Apr-20 | |
| SE | 1998-Aug-26 | 01130297.3 | 2002-Apr-10 | EP 1195740 | 2017-Nov-22 | 1195740 | 2018-Aug-26 | |
| SE | 1998-Aug-26 | 98944539.0 | | EP 1016062 | 2002-Aug-07 | 1016062 | 2018-Aug-26 | |
| SE | 1999-Sep-03 | 03011110.8 | 2004-Feb-25 | EP 1391650 | 2014-Feb-26 | 1391650 | 2019-Sep-03 | |
| SE | 2000-Nov-20 | 05076817.5 | 2005-Dec-28 | EP 1610593 | 2015-Jul-08 | 1610593 | 2020-Nov-20 | |
| SE | 2001-Apr-24 | 03028671.0 | | EP 1422975 | 2010-Apr-14 | 1422975 | 2021-Apr-24 | |
| SE | 2001-Apr-24 | 07075990.7 | 2008-Feb-13 | EP 1887836 | 2012-Mar-07 | 1887836 | 2021-Apr-24 | |
| SE | 2001-Aug-31 | 01120981.4 | 2002-Mar-06 | EP 1183964 | 2003-Nov-05 | 1183964 | 2021-Aug-31 | |
| SE | 2001-Oct-25 | 01997118.3 | | EP 1337784 | 2009-Jun-17 | 1337784 | 2021-Oct-25 | |
| SE | 2002-Jun-21 | 02738518.6 | | EP 1405551 | 2008-Dec-10 | 1405551 | 2022-Jun-21 | |
| SE | 2003-Aug-28 | 03791823.2 | | EP 1535495 | 2010-Jan-13 | 1535495 | 2023-Aug-28 | |
| SE | 2005-Sep-19 | 14162998.0 | 2014-Oct-15 | EP 2789894 | 2018-Dec-12 | 2789894 | 2025-Sep-19 | |
| SE | 2005-Sep-19 | 05783602.5 | 2007-Jul-11 | EP 1805452 | 2014-Apr-23 | 1805452 | 2025-Sep-19 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement
List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------|-------------|------------------|-------------|-------------------|
| SE | 2005-Dec-02 | 05815525.0 | | | 2017-Oct-04 | 1842399 | 2025-Dec-02 | |
| SE | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| SE | 2006-Apr-03 | 06716702.3 | 2007-Nov-29 | EP 1869365 | 2013-Jun-12 | 1869365 | 2026-Apr-03 | |
| SE | 2006-May-24 | 06765708.0 | | EP 1889519 | 2009-Mar-18 | 1889519 | 2026-May-24 | |
| SE | 2006-Oct-11 | 11173044.6 | 2011-Nov-30 | EP 2390866 | 2016-Sep-28 | 2390866 | 2026-Oct-11 | |
| SE | 2006-Oct-11 | 14166066.2 | 2014-Sep-17 | EP 2779146 | 2017-Jul-26 | 2779146 | 2026-Oct-11 | |
| SE | 2006-Oct-11 | 06812715.8 | | EP 1938298 | 2012-Jun-13 | 1938298 | 2026-Oct-11 | |
| SE | 2006-Nov-13 | 06821415.4 | 2008-Aug-06 | EP 1952055 | 2019-Jan-09 | 1952055 | 2026-Nov-13 | |
| SE | 2006-Dec-13 | 11155525.6 | 2011-May-25 | EP 2325670 | 2017-Oct-25 | 2325670 | 2026-Dec-13 | |
| SE | 2007-Mar-02 | 07713186.0 | 2008-Dec-03 | EP 1997352 | 2018-Oct-24 | 1997352 | 2027-Mar-02 | |
| SE | 2007-May-31 | 15177099.7 | 2016-Apr-27 | EP 3013124 | 2017-Jul-12 | 3013124 | 2027-May-31 | |
| SE | 2007-Jun-20 | 07789748.6 | 2009-Mar-25 | EP 2039227 | 2018-Mar-21 | 2039227 | 2027-Jun-20 | |
| SE | 2007-Oct-12 | 07826733.3 | 2009-Jul-29 | EP 2082167 | 2017-Feb-22 | 2082167 | 2027-Oct-12 | |
| SE | 2007-Nov-27 | 07862228.9 | 2009-Aug-19 | EP 2089656 | 2011-Mar-02 | 2089656 | 2027-Nov-27 | |
| SE | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | | |
| SE | 2008-Apr-04 | 08737714.9 | | EP 2135005 | 2010-Oct-06 | 2135005 | 2028-Apr-04 | |
| SE | 2008-Apr-23 | 08737957.4 | 2010-Jan-20 | EP 2145508 | 2018-Aug-15 | 2145508 | 2028-Apr-23 | |
| SE | 2008-May-01 | 14195242.4 | 2015-Apr-22 | EP 2863104 | | | | |
| SE | 2008-Oct-08 | 15170674.4 | 2016-Aug-03 | EP 3051586 | 2018-Feb-21 | 3051586 | 2028-Oct-08 | |
| SE | 2009-Jun-12 | 09761216.2 | 2011-Mar-02 | EP 2288848 | 2018-Dec-26 | 2288848 | 2029-Jun-12 | |
| SE | 2010-Jan-05 | 10702908.4 | 2011-Nov-16 | EP 2386043 | 2016-Apr-13 | 2386043 | 2030-Jan-05 | |
| SE | 2010-Mar-15 | 10712534.6 | 2012-Feb-01 | EP 2412209 | 2018-Feb-21 | 2412209 | 2030-Mar-15 | |
| SE | 2010-Mar-30 | 10713725.9 | 2012-Feb-08 | EP 2414876 | 2017-Aug-23 | 2414876 | 2030-Mar-30 | |
| SE | 2010-Jun-11 | 10730223.4 | 2012-Apr-25 | EP 2443387 | 2016-Mar-02 | 2443387 | 2030-Jun-11 | |
| SE | 2010-Jun-22 | 10731600.2 | 2012-May-02 | EP 2446708 | 2019-Mar-27 | 2446708 | 2030-Jun-22 | |
| SE | 2010-Sep-01 | 10757276.0 | 2012-Jul-11 | EP 2474201 | 2017-Jun-28 | 2474201 | 2030-Sep-01 | |
| SE | 2011-Feb-28 | 11713358.7 | 2013-Jan-09 | EP 2542826 | 2018-Oct-24 | 2542826 | 2031-Feb-28 | |
| SE | 2011-Aug-11 | 11754522.8 | 2013-Jun-26 | EP 2606274 | 2018-Mar-28 | 2606274 | 2031-Aug-11 | |
| SE | 2011-Nov-16 | 11794283.9 | | | 2019-Jan-09 | 2681969 | | |
| SE | 2012-Oct-05 | 12795854.4 | 2014-Jul-02 | EP 2748975 | 2019-Apr-03 | 2748975 | 2032-Oct-05 | |
| SE | 2012-Oct-19 | 12841485.1 | 2014-Aug-27 | EP 2769142 | 2018-Feb-21 | 2769142 | 2032-Oct-19 | |
| SE | 2013-Feb-22 | 13717316.7 | 2014-Dec-17 | EP 2823691 | 2019-Apr-10 | 2823691 | | |
| SE | 2013-Apr-26 | 13727386.8 | 2015-Mar-18 | EP 2848091 | 2018-Nov-28 | 2848091 | | |
| SE | 2013-Jul-12 | 13765494.3 | 2015-May-20 | EP 2873299 | 2019-Jan-09 | 2873299 | | |
| SE | 2014-Mar-05 | 14709902.2 | 2016-Jan-27 | EP 2976567 | 2017-May-10 | 2976567 | 2034-Mar-05 | |
| SE | 2014-Mar-12 | 14713924.0 | 2016-Feb-03 | EP | 2017-Feb-22 | 2979023 | 2034-Mar-12 | |
| SE | 2014-Jun-04 | 14728546.4 | 2016-Apr-13 | EP 3005834 | 2018-Mar-21 | 3005834 | 2034-Jun-04 | |
| SE | 2014-Jul-09 | 14738810.2 | 2016-Jun-08 | EP | 2017-Feb-22 | 3028541 | 2034-Jul-09 | |
| SE | 2014-Jul-23 | 14741900.6 | 2016-Jun-08 | EP 3028543 | 2018-Jan-17 | 3028543 | 2034-Jul-23 | |
| SE | 2014-Oct-14 | 14793310.5 | 2016-Aug-24 | EP 3058794 | 2018-Aug-29 | 3058794 | 2034-Oct-14 | |
| SE | 2014-Nov-12 | EP14799386.9 | 2016-Sep-28 | EP 3072359 | 2019-Mar-20 | 3072359 | | |
| SE | 2016-Apr-04 | 16713475.8 | 2018-Feb-14 | EP 3281270 | 2019-Jan-09 | 3281270 | | |
| SG | 2010-Jul-07 | 20110097763 | 2012-Feb-28 | SG 177461 | 2014-Sep-05 | 20110097763 | | |
| SG | 2010-Sep-09 | 201105976-3 | | | 2012-May-15 | 173765 | 2030-Sep-09 | |
| SI | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| SI | 2006-May-08 | 06770064.1 | 2008-Oct-29 | EP 1984667 | 2017-Aug-23 | 1984667 | 2026-May-08 | |
| SI | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | | |
| SK | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| TR | 2000-Nov-20 | 05076817.5 | 2005-Dec-28 | EP 1610593 | 2015-Jul-08 | TR 2015 11595 T4 | 2020-Nov-20 | |
| TR | 2001-Apr-24 | 07075990.7 | 2008-Feb-13 | EP 1887836 | 2012-Mar-07 | TR 2012 05504 T4 | 2021-Apr-24 | |
| TR | 2001-Apr-24 | 03028671.0 | | | 2010-Apr-14 | 1422975 | 2021-Apr-24 | |
| TR | 2001-Jun-21 | 10182095.9 | 2011-Sep-07 | EP 2364067 | 2013-Dec-11 | TR 2014 02214 T4 | 2021-Jun-21 | |
| TR | 2003-Dec-11 | 03813686.7 | 2005-Sep-28 | EP 1579735 | 2016-Mar-09 | 1579735 | 2023-Dec-11 | |
| TR | 2005-Sep-19 | 05783602.5 | 2007-Jul-11 | EP 1805452 | 2014-Apr-23 | 1805452 | 2025-Sep-19 | |
| TR | 2005-Sep-19 | 14162998.0 | 2014-Oct-15 | EP 2789894 | 2018-Dec-12 | 2789894 | 2025-Sep-19 | |
| TR | 2005-Nov-23 | 05810845.7 | 2007-Aug-29 | EP 1825717 | 2014-Jan-08 | 1825717 | 2025-Nov-23 | |
| TR | 2005-Dec-02 | 05815525.0 | | | 2017-Oct-04 | 1842399 | 2025-Dec-02 | |
| TR | 2006-Jan-05 | 06701369.8 | 2007-Oct-24 | EP 1846949 | 2018-Aug-22 | 1846949 | 2026-Jan-05 | |
| TR | 2006-Apr-03 | 06716702.3 | 2007-Nov-29 | EP 1869365 | 2013-Jun-12 | 1869365 | 2026-Apr-03 | |
| TR | 2006-Oct-11 | 14166066.2 | 2014-Sep-17 | EP 2779146 | 2017-Jul-26 | 2779146 | 2026-Oct-11 | |
| TR | 2006-Oct-11 | 11173044.6 | 2011-Nov-30 | EP 2390866 | 2016-Sep-28 | 2390866 | 2026-Oct-11 | |
| TR | 2006-Oct-11 | 06812715.8 | | | 2012-Jun-13 | 1938298 | 2026-Oct-11 | |
| TR | 2006-Dec-13 | 11155525.6 | 2011-May-25 | EP 2325670 | 2017-Oct-25 | 2325670 | 2026-Dec-13 | |
| TR | 2007-Mar-02 | 07713186.0 | 2008-Dec-03 | EP 1997352 | 2018-Oct-24 | 1997352 | 2027-Mar-02 | |
| TR | 2007-Aug-09 | 07836669.7 | 2009-Nov-18 | EP 2119318 | 2013-Oct-16 | 2119318 | 2027-Aug-09 | |
| TR | 2007-Oct-12 | 07826733.3 | 2009-Jul-29 | EP 2082167 | 2017-Feb-22 | 2082167 | 2027-Oct-12 | |
| TR | 2007-Dec-07 | 07849372.3 | 2009-Sep-23 | EP 2103190 | 2012-Oct-17 | TR 2013 00271 T4 | 2027-Dec-07 | |
| TR | 2008-Mar-12 | 08743813.1 | | | 2018-Aug-01 | 2135487 | | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement
 List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|-------------|-------------|------------------|-------------|-------------------|
| TR | 2008-Mar-31 | 08737675.2 | 2010-Jan-13 | EP 2143303 | 2012-Aug-08 | TR201212575T4 | 2028-Mar-31 | |
| TR | 2008-Apr-23 | 08737957.4 | 2010-Jan-20 | EP 2145508 | 2018-Aug-15 | 2145508 | 2028-Apr-23 | |
| TR | 2008-Apr-28 | 08738006.9 | 2010-Jan-27 | EP 2147576 | 2014-Apr-16 | TR 2014 07107 T4 | 2028-Apr-28 | |
| TR | 2008-Jun-23 | 08763422.6 | 2010-Mar-17 | EP 2163132 | 2013-Oct-09 | 2163132 | 2028-Jun-23 | |
| TR | 2008-Oct-08 | 15170674.4 | 2016-Aug-03 | EP 3051586 | 2018-Feb-21 | 3051586 | 2028-Oct-08 | |
| TR | 2009-Oct-02 | 09787352.5 | 2011-Jul-20 | EP 2345307 | 2013-Dec-11 | 2345307 | 2029-Oct-02 | |
| TR | 2009-Nov-12 | 09760323.7 | 2011-Aug-24 | EP 2359052 | 2016-Feb-10 | TR 2016 04705 T4 | 2029-Nov-12 | |
| TR | 2009-Nov-30 | 09774962.6 | 2011-Nov-16 | EP 2386044 | 2015-Jul-29 | 2386044 | 2029-Nov-30 | |
| TR | 2010-Jan-05 | 10702908.4 | 2011-Nov-16 | EP 2386043 | 2016-Apr-13 | 2386043 | 2030-Jan-05 | |
| TR | 2010-Apr-01 | 10715358.7 | 2012-Feb-29 | EP 2422507 | 2013-Jun-19 | 2422507 | 2030-Apr-01 | |
| TR | 2010-May-21 | 10726288.3 | 2012-Apr-04 | EP 2435753 | 2013-May-15 | 2435753 | 2030-May-21 | |
| TR | 2010-May-21 | 13165765.2 | 2013-Aug-07 | EP 2623846 | 2016-Jul-20 | 2623846 | 2030-May-21 | |
| TR | 2010-Jun-04 | 10728329.3 | 2012-Apr-11 | EP 2438647 | 2013-Oct-16 | 2438647 | 2030-Jun-04 | |
| TR | 2010-Jun-11 | 10730223.4 | 2012-Apr-25 | EP 2443387 | 2016-Mar-02 | TR 2016 05740 T4 | 2030-Jun-11 | |
| TR | 2010-Jun-14 | 10732438.6 | 2012-Apr-25 | EP 2443380 | 2014-Sep-10 | TR 2014 13452 T4 | 2030-Jun-14 | |
| TR | 2010-Jul-14 | 10740369.3 | 2012-May-30 | EP 2457415 | 2014-Feb-26 | 2457415 | 2030-Jul-14 | |
| TR | 2010-Sep-01 | 10757276.0 | 2012-Jul-11 | EP 2474201 | 2017-Jun-28 | 2474201 | 2030-Sep-01 | |
| TR | 2011-Feb-28 | 11713358.7 | 2013-Jan-09 | EP 2542826 | 2018-Oct-24 | 2542826 | 2031-Feb-28 | |
| TR | 2011-Jun-30 | 11738821.5 | 2013-May-15 | EP 2591275 | 2017-Mar-01 | 2591275 | 2031-Jun-30 | |
| TR | 2011-Aug-05 | 11754507.9 | 2013-Jul-10 | EP 2612463 | 2014-Apr-16 | 2612463 | 2031-Aug-05 | |
| TR | 2011-Nov-16 | 11794283.9 | | | 2019-Jan-09 | 2681969 | | |
| TR | 2012-Oct-19 | 12808477.9 | 2014-Jun-25 | EP 2745626 | 2017-May-10 | 2745626 | 2032-Oct-19 | |
| TR | 2012-Oct-19 | 12841485.1 | 2014-Aug-27 | EP 2769142 | 2018-Feb-21 | 2769142 | 2032-Oct-19 | |
| TR | 2013-Feb-22 | 13717316.7 | 2014-Dec-17 | EP 2823691 | 2019-Apr-10 | 2823691 | | |
| TR | 2013-Apr-16 | 13726598.9 | 2015-Feb-25 | EP 2839204 | 2016-Dec-14 | 2839204 | 2033-Apr-16 | |
| TR | 2013-May-22 | 13736961.7 | 2015-Apr-08 | EP 2856490 | 2016-Mar-09 | 2856490 | 2033-May-22 | |
| TR | 2013-Jul-12 | 13765494.3 | 2015-May-20 | EP 2873299 | 2019-Jan-09 | 2873299 | | |
| TR | 2013-Sep-17 | 13799377.0 | 2015-Jul-29 | EP 2898265 | 2016-Dec-07 | TR 2017 02003 T4 | 2033-Sep-17 | |
| TR | 2014-Mar-05 | 14709902.2 | 2016-Jan-27 | EP 2976567 | 2017-May-10 | 2976567 | 2034-Mar-05 | |
| TR | 2014-Jun-04 | 14728546.4 | 2016-Apr-13 | EP 3005834 | 2018-Mar-21 | 3005834 | 2034-Jun-04 | |
| TR | 2014-Jul-09 | 14738810.2 | 2016-Jun-08 | EP | 2017-Feb-22 | 3028541 | 2034-Jul-09 | |
| TR | 2014-Jul-23 | 14741900.6 | 2016-Jun-08 | EP 3028543 | 2018-Jan-17 | 3028543 | 2034-Jul-23 | |
| TR | 2014-Dec-23 | 14819015.0 | 2015-Oct-28 | EP 2935980 | 2016-Jun-15 | 2935980 | 2034-Dec-23 | |
| TW | 1997-Jun-26 | 86108962 | 1998-Apr-21 | 330233 | 1998-Aug-01 | 093750 | 2017-Jun-26 | |
| TW | 1997-Oct-28 | 86115967 | 2000-Mar-11 | 384583 | 2000-Mar-11 | 112395 | 2017-Oct-28 | |
| TW | 1999-Mar-24 | 88204491 | 2001-Jan-01 | 417842 | 2001-Apr-27 | UM-167039 | 2011-Mar-23 | |
| TW | 2000-Jan-27 | 089101372 | 2001-Oct-01 | 457732 | 2002-Jan-22 | NI-141709 | 2020-Jan-27 | |
| TW | 2000-Feb-02 | 089101820 | 2001-Sep-24 | 455908 | 2002-Jan-22 | 141713 | 2020-Feb-02 | |
| TW | 2000-Feb-11 | 089102291 | 2002-Aug-11 | 498148 | 2002-Nov-27 | 160764 | 2020-Feb-11 | |
| TW | 2000-Oct-12 | 089217682 | 2002-Oct-01 | 505352 | 2003-Feb-11 | UM-194837 | 2012-Oct-11 | |
| TW | 2001-Mar-07 | 090105228 | 2006-Dec-21 | I-269514 | 2006-Dec-21 | I-269514 | 2021-Mar-07 | |
| TW | 2001-Nov-02 | 090127304 | 2002-Dec-01 | 512548 | 2003-Apr-03 | NI-167363 | 2021-Nov-02 | |
| TW | 2002-Jan-28 | 091101387 | 2003-Jun-01 | 535455 | 2003-Sep-22 | NI-178628 | 2022-Jan-28 | |
| TW | 2002-Jan-28 | 091101383 | 2003-Nov-01 | 560085 | 2004-Feb-17 | 189178 | 2022-Jan-28 | |
| TW | 2002-Mar-25 | 091105724 | 2007-Oct-21 | I288910 | 2007-Oct-21 | I288910 | 2022-Mar-25 | |
| TW | 2002-Jun-18 | 091113240 | 2003-Oct-11 | 557587 | 2004-Feb-05 | 187949 | 2022-Jun-18 | |
| TW | 2002-Jul-23 | 091116352 | 2007-Nov-01 | I289339 | 2007-Nov-01 | I289339 | 2022-Oct-14 | |
| TW | 2002-Oct-02 | 091122749 | 2005-Jan-01 | I226208 | 2005-Jan-01 | I226208 | 2022-Oct-02 | |
| TW | 2002-Dec-20 | 091136808 | 2003-Sep-01 | 200303694-A | 2007-Jul-11 | I284002 | 2022-Dec-20 | |
| TW | 2003-Feb-11 | 092102751 | 2003-Sep-01 | 200303512 | 2007-Apr-21 | I279764 | 2023-Feb-11 | |
| TW | 2003-Mar-14 | 092105726 | | | 2004-Aug-01 | I220047 | 2023-Mar-14 | |
| TW | 2003-Dec-16 | 092135551 | 2004-Dec-16 | 200428896 | 2012-Sep-11 | I372577 | 2023-Dec-16 | |
| TW | 2004-May-04 | 093112540 | 2005-Feb-16 | 200507300 | 2011-Sep-21 | I349376 | 2024-May-04 | |
| TW | 2004-May-05 | 093112693 | 2005-Feb-01 | 200505059 | 2015-May-01 | I483417 | 2024-May-05 | |
| TW | 2004-Sep-06 | 093126823 | 2005-Apr-16 | 200513614 | 2010-Sep-01 | I329724 | 2024-Sep-06 | |
| TW | 2004-Nov-10 | 093134369 | 2005-Jul-01 | 200521954 | 2013-Apr-11 | I393112 | 2024-Nov-10 | |
| TW | 2004-Nov-23 | 093136001 | 2005-Nov-01 | 200535372-A | 2012-Jul-11 | I368008 | 2024-Nov-23 | |
| TW | 2005-Jun-01 | 094118040 | 2006-Feb-01 | 200604466-A | 2011-Jun-21 | I343978 | 2025-Jun-01 | |
| TW | 2005-Jun-03 | 094118478 | 2006-Mar-16 | 200610448 | 2013-Oct-21 | I413445 | 2025-Jun-03 | |
| TW | 2005-Jun-03 | 101134053 | 2013-Feb-01 | 201306649-A | 2017-Oct-01 | I601443 | 2025-Jun-03 | |
| TW | 2005-Aug-03 | 094126388 | 2006-Aug-01 | 200627638 | 2013-Apr-21 | I394271 | 2025-Aug-03 | |
| TW | 2005-Aug-03 | 094126389 | 2006-Jun-16 | 200620702 | 2012-Dec-21 | I380465 | 2025-Aug-03 | |
| TW | 2005-Aug-03 | 094126390 | 2006-Jun-01 | 200617320 | 2011-Jun-11 | I343463 | 2025-Aug-03 | |
| TW | 2005-Sep-16 | 094132208 | 2006-Jul-01 | 200622146 | 2007-Dec-21 | I291533 | 2025-Sep-16 | |
| TW | 2005-Sep-26 | 094133269 | 2006-Jun-01 | 200617322-A | 2011-Aug-21 | I347421 | 2025-Sep-26 | |
| TW | 2005-Oct-19 | 094136449 | 2006-Sep-16 | 200633574-A | 2013-Mar-21 | I391023 | 2025-Oct-19 | |
| TW | 2005-Nov-15 | 094140158 | 2007-Feb-01 | 200701514 | 2014-Feb-01 | I425650 | 2025-Nov-15 | |
| TW | 2005-Nov-25 | 094141604 | 2006-Sep-16 | 200633593-A | 2014-Dec-01 | I463915 | 2025-Nov-25 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement
List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|--------------|-------------|-----------|-------------|-------------------|
| TW | 2006-Apr-25 | 095114717 | 2007-Jan-16 | 200704282-A | 2013-Nov-21 | 1416988 | 2026-Apr-25 | |
| TW | 2006-May-22 | 095118163 | 2007-Jan-16 | 20073206 | 2015-Apr-01 | 1479466 | 2026-May-22 | |
| TW | 2006-May-22 | 095118151 | 2007-Feb-16 | 200708196-A | 2015-Mar-11 | 1477196 | 2026-May-22 | |
| TW | 2006-May-22 | 095118135 | 2007-Feb-01 | 200704967-A | 2013-Aug-21 | 1406009 | 2026-May-22 | |
| TW | 2006-Jul-11 | 095125279 | 2007-Nov-01 | 200742484-A | 2013-Sep-01 | 1407822 | 2026-Jul-11 | |
| TW | 2006-Sep-22 | 095135135 | 2007-Dec-16 | 200745482-A | 2013-Apr-01 | 1391600 | 2026-Sep-22 | |
| TW | 2006-Nov-21 | 095143025 | 2008-Jan-16 | 200804917-A | 2013-Nov-21 | 1416217 | 2026-Nov-21 | |
| TW | 2006-Dec-08 | 095146256 | 2007-Aug-16 | 200731580-A | 2014-Apr-01 | 1433588 | 2026-Dec-08 | |
| TW | 2006-Dec-08 | 095146251 | 2007-Aug-16 | 200730768-A | 2013-Feb-01 | 1384182 | 2026-Dec-08 | |
| TW | 2006-Dec-12 | 095146499 | 2007-Oct-01 | 200735930-A | 2014-Jun-21 | 1442817 | 2026-Dec-12 | |
| TW | 2007-Jan-29 | 096103240 | 2008-Jan-01 | 200803618-A | 2014-Apr-11 | 1434609 | 2027-Jan-29 | |
| TW | 2007-Apr-27 | 096115127 | 2008-Jan-01 | 200803605-A | 2014-Jun-11 | 1441550 | 2027-Apr-27 | |
| TW | 2007-Aug-06 | 096128882 | 2008-Aug-16 | 200834137A | 2014-Sep-01 | 1451140 | 2027-Aug-06 | |
| TW | 2007-Sep-26 | 096135772 | 2008-Jun-01 | 200823438 | 2014-Jul-01 | 1443313 | 2027-Sep-26 | |
| TW | 2007-Oct-03 | 096137104 | 2008-Sep-01 | 200836585-A | 2014-Mar-21 | 1432088 | 2027-Oct-03 | |
| TW | 2007-Oct-03 | 096137124 | 2008-Sep-16 | 200838351-A | 2014-May-01 | 1436682 | 2027-Oct-03 | |
| TW | 2007-Nov-07 | 096142100 | 2008-Sep-01 | 200836586-A | 2014-May-21 | 1439177 | 2027-Nov-07 | |
| TW | 2007-Dec-05 | 096146364 | 2008-Oct-16 | 200841767-A | 2014-Oct-01 | 1455645 | 2027-Dec-05 | |
| TW | 2008-Apr-14 | 097113528 | 2009-Feb-16 | 200908386-A | 2014-Mar-01 | 1429101 | 2028-Apr-14 | |
| TW | 2008-Apr-24 | 097115122 | 2009-Mar-16 | 200913786-A | 2014-Oct-01 | 1455651 | 2028-Apr-24 | |
| TW | 2008-May-26 | 097119402 | 2009-Feb-16 | 200907248-A | 2014-Jan-11 | 1422782 | 2028-May-26 | |
| TW | 2008-Jun-24 | 097123569 | 2009-May-01 | 200920172-A | 2014-Nov-01 | 1459852 | 2028-Jun-24 | |
| TW | 2008-Jun-30 | 097124610 | 2009-May-16 | 200922370-A | 2014-Nov-01 | 1459853 | 2028-Jun-30 | |
| TW | 2008-Sep-24 | 097136708 | 2009-Sep-01 | 200936949-A | 2015-Sep-21 | 1500880 | 2028-Sep-24 | |
| TW | 2008-Nov-27 | 097146017 | 2009-Jul-16 | 200932037-A | 2016-Oct-11 | 1554145 | 2028-Nov-27 | |
| TW | 2009-Apr-06 | 98111341 | 2009-Nov-01 | 200945946 | 2014-Sep-11 | 1452938 | 2029-Apr-06 | |
| TW | 2009-Jul-08 | 098123125 | 2010-Feb-16 | 201007075-A | 2015-Jul-01 | 1490429 | 2029-Jul-08 | |
| TW | 2009-Jul-27 | 098125271 | | | 2015-Aug-11 | 1496408 | 2029-Jul-27 | |
| TW | 2009-Aug-28 | 98128974 | 2010-Jun-16 | 201023685 | 2015-Nov-11 | 1508622 | 2029-Aug-28 | |
| TW | 2009-Oct-09 | 098134414 | 2010-Jul-16 | 201028046-A | 2015-Oct-01 | 1503052 | 2029-Oct-09 | |
| TW | 2009-Nov-03 | 098137257 | 2010-Jul-16 | 201026986-A | 2016-Mar-01 | 1524027 | 2029-Nov-03 | |
| TW | 2009-Nov-16 | 098138871 | 2010-Jul-01 | 201024617-A | 2016-Jan-01 | 1515390 | 2029-Nov-16 | |
| TW | 2010-Jan-06 | 099100197 | 2010-Aug-16 | 201030272-A | 2016-Jul-21 | 1542813 | 2030-Jan-06 | |
| TW | 2010-Jan-06 | 099100196 | 2010-Aug-16 | 201030271-A | 2016-Jul-21 | 1542812 | 2030-Jan-06 | |
| TW | 2010-Mar-30 | 099109679 | 2011-Jan-16 | 201102563-A | 2016-Mar-01 | 1524030 | 2030-Mar-30 | |
| TW | 2010-Jun-14 | 099119319 | 2011-Apr-01 | 201111737-A | 2016-Jun-11 | 1537539 | 2030-Jun-14 | |
| TW | 2010-Jul-14 | 099123193 | 2011-Apr-01 | 201112862-A | 2016-Jun-11 | 1538553 | 2030-Jul-14 | |
| TW | 2010-Jul-14 | 99123078 | 2011-Aug-01 | TW 201127197 | 2014-Dec-21 | 1466591 | | |
| TW | 2010-Jul-21 | 099124034 | 2011-May-16 | 201117637-A | 2016-Dec-01 | 1561108 | 2030-Jul-21 | |
| TW | 2010-Sep-20 | 099131873 | 2011-May-16 | 201117664-A | 2016-Feb-11 | 1522009 | 2030-Sep-20 | |
| TW | 2011-May-09 | 100116214 | 2012-Feb-16 | 201207300-A | 2017-Apr-21 | 1579500 | 2031-May-09 | |
| TW | 2011-Jun-17 | 100121302 | 2012-Feb-16 | 201208460-A | 2017-Mar-21 | 1576003 | 2031-Jun-17 | |
| TW | 2011-Aug-12 | 100128798 | 2012-Jun-16 | TW 201225741 | 2015-Mar-01 | 1475927 | | |
| TW | 2012-Jan-12 | 101101290 | 2012-Nov-01 | 201243235-A | 2017-Feb-21 | 1571599 | 2032-May-11 | |
| US | 1996-Sep-03 | 08/707274 | | | 1999-Jun-01 | 5909429 | 2016-Sep-03 | |
| US | 1997-Apr-10 | 08/833889 | | US 6175195 | 2001-Jan-16 | 6175195 | 2017-Apr-10 | |
| US | 1997-Jul-14 | 08/892049 | | US 5847507 | 1998-Dec-08 | 5847507 | 2017-Jul-14 | |
| US | 1997-Aug-26 | 08/920156 | | US 6016038 | 2000-Jan-18 | 6016038 | 2017-Aug-26 | |
| US | 1997-Aug-26 | 09/944523 | 2002-Aug-01 | US 6624597 | 2003-Sep-23 | 6624597 | 2017-Aug-26 | |
| US | 1997-Oct-14 | 08/943310 | | US 5947587 | 1999-Sep-07 | 5947587 | 2017-Oct-14 | |
| US | 1998-Jan-23 | 09/012319 | | US 6250774 | 2001-Jun-26 | 6250774 | 2018-Jan-23 | |
| US | 1998-Jun-08 | 09/095876 | | US 5959413 | 1999-Sep-28 | 5959413 | 2013-Apr-06 | |
| US | 1998-Jul-28 | 09/493119 | | US 6796680 | 2004-Sep-28 | 6796680 | 2018-Jul-28 | |
| US | 1998-Aug-03 | 09/128148 | | US 6094014 | 2000-Jul-25 | 6094014 | 2018-Aug-03 | |
| US | 1998-Aug-03 | 09/128147 | | US 6013988 | 2000-Jan-11 | 6013988 | 2018-Aug-03 | |
| US | 1998-Sep-25 | 09/509433 | 1999-Apr-01 | US 7645056 | 2010-Jan-12 | 7645056 | 2018-Sep-25 | |
| US | 1998-Dec-17 | 09/213548 | | US 6166496 | 2000-Dec-26 | 6166496 | 2017-Aug-26 | |
| US | 1998-Dec-17 | 09/215624 | | US 6528954 | 2003-Mar-04 | 6528954 | 2017-Aug-26 | |
| US | 1998-Dec-17 | 09/213537 | | US 6292901 | 2001-Sep-18 | 6292901 | 2017-Aug-26 | |
| US | 1998-Dec-17 | 09/213659 | | US 6211626 | 2001-Apr-03 | 6211626 | 2017-Aug-26 | |
| US | 1998-Dec-17 | 09/213581 | | US 7038398 | 2006-May-02 | 7038398 | 2017-Aug-26 | |
| US | 1998-Dec-17 | 09/213189 | | US 6459919 | 2002-Oct-01 | 6459919 | 2017-Aug-26 | |
| US | 1998-Dec-17 | 09/213540 | 2001-Oct-11 | US 6720745 | 2004-Apr-13 | 6720745 | 2017-Aug-26 | |
| US | 1998-Dec-18 | 09/216262 | | US 6127783 | 2000-Oct-03 | 6127783 | 2018-Dec-18 | |
| US | 1999-Mar-26 | 09/277645 | | US 6200002 | 2001-Mar-13 | 6200002 | 2019-Mar-26 | |
| US | 1999-Jun-15 | 09/333739 | 2003-Apr-24 | US 7352339 | 2008-Apr-01 | 7352339 | 2017-Dec-25 | |
| US | 1999-Jun-29 | 09/342828 | | US 6147458 | 2000-Nov-14 | 6147458 | 2019-Jun-29 | |
| US | 1999-Sep-03 | 10/755156 | 2004-Jul-22 | US 7118248 | 2006-Oct-10 | 7118248 | 2020-Feb-28 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------------|-------------|-----------|-------------|-------------------|
| US | 1999-Sep-03 | 09/786457 | | US 6676284 | 2004-Jan-13 | 6676284 | 2019-Sep-03 | |
| US | 1999-Sep-15 | 09/396561 | | US 6234645 | 2001-May-22 | 6234645 | 2019-Sep-15 | |
| US | 1999-Sep-24 | 09/406284 | | US 6234648 | 2001-May-22 | 6234648 | 2019-Sep-24 | |
| US | 1999-Sep-27 | 09/406648 | | US 6157093 | 2000-Dec-05 | 6157093 | 2019-Sep-27 | |
| US | 1999-Oct-22 | 09/425770 | | US 6150774 | 2000-Nov-21 | 6150774 | 2017-Aug-26 | |
| US | 1999-Nov-01 | 09/431585 | | US 6201353 | 2001-Mar-13 | 6201353 | 2019-Nov-01 | |
| US | 1999-Nov-01 | 09/431584 | | US 6194839 | 2001-Feb-27 | 6194839 | 2019-Nov-01 | |
| US | 1999-Nov-01 | 09/431583 | | US 6249088 | 2001-Jun-19 | 6249088 | 2019-Nov-01 | |
| US | 1999-Nov-24 | 09/856806 | | US 6609813 | 2003-Aug-26 | 6609813 | 2019-Nov-24 | |
| US | 1999-Dec-02 | 09/453420 | | US 6513949 | 2003-Feb-04 | 6513949 | 2019-Dec-02 | |
| US | 2000-Apr-17 | 09/551029 | | US 6586882 | 2003-Jul-01 | 6586882 | 2020-Apr-17 | |
| US | 2000-Jun-22 | 09/599791 | | US 6601982 | 2003-Aug-05 | 6601982 | 2020-Jul-14 | |
| US | 2000-Jul-06 | 09/610717 | | US 6304464 | 2001-Oct-16 | 6304464 | 2020-Jul-06 | |
| US | 2000-Jul-14 | 09/616214 | | US 7139617 | 2006-Nov-21 | 7139617 | 2023-Jan-05 | |
| US | 2000-Jul-27 | 09/626905 | | US 6340868 | 2002-Jan-22 | 6340868 | 2017-Aug-26 | |
| US | 2000-Aug-25 | 09/645939 | | US 6554451 | 2003-Apr-29 | 6554451 | 2020-Aug-31 | |
| US | 2000-Sep-15 | 09/663050 | | US 6445139 | 2002-Sep-03 | 6445139 | 2018-Dec-18 | |
| US | 2000-Sep-25 | 09/669121 | | US 6806659 | 2004-Oct-19 | 6806659 | 2017-Aug-26 | |
| US | 2000-Nov-15 | 09/713185 | | US 6507158 | 2003-Jan-14 | 6507158 | 2021-Feb-18 | |
| US | 2000-Nov-20 | 09/716819 | | US 7014336 | 2006-Mar-21 | 7014336 | 2020-Nov-20 | |
| US | 2000-Dec-07 | 09/732197 | | US 6441558 | 2002-Aug-27 | 6441558 | 2020-Dec-07 | |
| US | 2000-Dec-21 | 09/746034 | 2002-Jun-27 | US 2002080622 A1 | 2003-Apr-15 | 6547416 | 2021-Apr-13 | |
| US | 2000-Dec-22 | 09/747483 | 2002-Jun-27 | US 2002080615 A1 | 2003-Apr-15 | 6547423 | 2020-Dec-22 | |
| US | 2000-Dec-27 | 09/749154 | | US 6495964 | 2002-Dec-17 | 6495964 | 2019-Feb-05 | |
| US | 2001-Jan-03 | 09/754170 | 2001-Jul-12 | US 6478453 | 2002-Nov-12 | 6478453 | 2021-Feb-17 | |
| US | 2001-Jan-04 | 09/754636 | 2001-Dec-13 | US 6539656 | 2003-Apr-01 | 6539656 | 2021-Jan-26 | |
| US | 2001-Jan-31 | 09/773159 | | US 6580309 | 2003-Jun-17 | 6580309 | 2021-Jan-31 | |
| US | 2001-Mar-13 | 09/805590 | 2002-Jun-13 | US 7064498 | 2006-Jun-20 | 7064498 | 2017-Aug-26 | |
| US | 2001-Mar-13 | 09/805368 | 2002-Apr-25 | US 7186003 | 2007-Mar-06 | 7186003 | 2018-May-04 | |
| US | 2001-Mar-16 | 09/810142 | 2002-Oct-10 | US 2002145041 A1 | 2003-Jan-28 | 6510995 | 2021-Mar-16 | |
| US | 2001-Mar-19 | 09/811984 | | US 6384545 | 2002-May-07 | 6384545 | 2021-Mar-19 | |
| US | 2001-Mar-22 | 09/815418 | 2002-Apr-25 | US 6577080 | 2003-Jun-10 | 6577080 | 2017-Aug-26 | |
| US | 2001-Mar-29 | 09/820517 | 2002-Nov-21 | US 2002171373 A1 | 2003-Jan-14 | 6507159 | 2021-Jun-21 | |
| US | 2001-May-08 | 09/851099 | 2003-Jan-16 | US 2003011832 A1 | 2006-Jan-31 | 6992803 | 2023-Sep-27 | |
| US | 2001-May-25 | 09/865895 | 2002-Nov-28 | US 2002176262 A1 | 2003-Jun-10 | 6577512 | 2021-May-25 | |
| US | 2001-May-30 | 09/870418 | 2002-Jun-20 | US 7353071 | 2008-Apr-01 | 7353071 | 2023-Jul-10 | |
| US | 2001-May-30 | 09/870193 | 2002-Apr-25 | US 6608453 | 2003-Aug-19 | 6608453 | 2017-Aug-26 | |
| US | 2001-Jun-07 | 09/876661 | 2003-Feb-13 | US 2003030808 A1 | 2004-May-25 | 6741351 | 2021-Jun-07 | |
| US | 2001-Jun-21 | 09/886958 | 2002-Mar-28 | US 7228190 | 2007-Jun-05 | 7228190 | 2023-Nov-08 | |
| US | 2001-Jul-02 | 09/897329 | 2003-Jan-02 | US 2003001521 A1 | 2003-Oct-28 | 6639368 | 2021-Jul-12 | |
| US | 2001-Jul-26 | 09/917294 | 2002-Apr-18 | US 7031920 | 2006-Apr-18 | 7031920 | 2019-Sep-22 | |
| US | 2001-Jul-26 | 09/915700 | 2003-Jan-30 | US 2003020415 A1 | 2003-Sep-09 | 6617795 | 2021-Jul-26 | |
| US | 2001-Jul-27 | 09/917246 | 2002-Apr-25 | US 6888322 | 2005-May-03 | 6888322 | 2022-May-03 | |
| US | 2001-Aug-03 | 09/922211 | 2003-Feb-06 | US 2003025120 A1 | 2003-Sep-16 | 6621235 | 2022-Jan-01 | |
| US | 2001-Aug-15 | 09/930735 | 2003-Feb-20 | US 2003034742 A1 | 2004-May-11 | 6734639 | 2021-Aug-16 | |
| US | 2001-Aug-20 | 09/933557 | 2002-Apr-18 | US 6561690 | 2003-May-13 | 6561690 | 2021-Aug-20 | |
| US | 2001-Aug-31 | 10/664415 | 2004-Jun-17 | US 7042172 | 2006-May-09 | 7042172 | 2021-Aug-31 | |
| US | 2001-Sep-06 | 09/948209 | 2002-Apr-25 | US 2002048177 A1 | 2003-Oct-21 | 6636003 | 2021-Sep-06 | |
| US | 2001-Oct-04 | 09/971367 | 2002-May-16 | US 6788011 | 2004-Sep-07 | 6788011 | 2017-Aug-26 | |
| US | 2001-Oct-05 | 09/972111 | 2003-Apr-10 | US 2003066945 A1 | 2003-Jul-22 | 6596977 | 2021-Nov-29 | |
| US | 2001-Oct-22 | 10/083329 | 2003-Apr-24 | US 2003076056 A1 | 2003-Oct-07 | 6630801 | 2021-Oct-22 | |
| US | 2001-Oct-23 | 10/045604 | 2003-Mar-27 | US 7764026 | 2010-Jul-27 | 7764026 | 2021-Oct-23 | |
| US | 2001-Dec-05 | 10/012000 | 2003-Jun-05 | US 2003102819 A1 | 2003-Jul-01 | 6586890 | 2021-Dec-05 | |
| US | 2001-Dec-19 | 10/024737 | | US 6552495 | 2003-Apr-22 | 6552495 | 2021-Dec-19 | |
| US | 2001-Dec-21 | 10/028140 | 2003-Jun-26 | US 2003117591 A1 | 2005-Aug-23 | 6932477 | 2021-Dec-21 | |
| US | 2001-Dec-27 | 10/029831 | 2003-Jul-03 | US 2003122507 A1 | 2004-Apr-20 | 6724159 | 2021-Dec-27 | |
| US | 2001-Dec-28 | 10/037490 | 2003-Jul-03 | US 2003122502 A1 | 2005-Feb-08 | 6853150 | 2021-Dec-28 | |
| US | 2002-Feb-19 | 10/078221 | 2002-Oct-10 | US 7161556 | 2007-Jan-09 | 7161556 | 2022-Oct-28 | |
| US | 2002-May-10 | 10/143549 | 2002-Dec-26 | US 6801003 | 2004-Oct-05 | 6801003 | 2021-Mar-13 | |
| US | 2002-May-30 | 10/159593 | 2003-Jan-16 | US 7221104 | 2007-May-22 | 7221104 | 2019-May-28 | |
| US | 2002-May-30 | 10/158579 | 2003-Mar-27 | US 6777891 | 2004-Aug-17 | 6777891 | 2017-Aug-28 | |
| US | 2002-Jun-05 | 10/163164 | 2004-Dec-28 | US 7231060 | 2007-Jun-12 | 7231060 | 2020-Jun-28 | |
| US | 2002-Jun-05 | 10/163085 | 2003-Feb-06 | US 7233831 | 2007-Jun-19 | 7233831 | 2022-Jun-30 | |
| US | 2002-Jun-13 | 10/171463 | 2003-Mar-27 | US 7242152 | 2007-Jul-10 | 7242152 | 2017-Sep-04 | |
| US | 2002-Jun-17 | 10/174499 | 2003-Mar-27 | US 6975079 | 2005-Dec-13 | 6975079 | 2018-Dec-25 | |
| US | 2002-Jun-25 | 10/179352 | 2003-Dec-25 | US 2003234342 A1 | 2006-Feb-14 | 6998594 | 2022-Aug-03 | |
| US | 2002-Jul-18 | 10/483862 | | US 6972525 | 2005-Dec-06 | 6972525 | 2022-Jul-30 | |
| US | 2002-Jul-18 | 10/483861 | 2004-Sep-16 | US 6922022 | 2005-Jul-26 | 6922022 | 2022-Jul-18 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement
List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------------|-------------|-----------|-------------|-------------------|
| US | 2002-Sep-17 | 10/245786 | 2003-Jul-24 | US 6965205 | 2005-Nov-15 | 6965205 | 2017-Aug-26 | |
| US | 2002-Sep-25 | 10/254273 | 2003-Jan-30 | US 6793374 | 2004-Sep-21 | 6793374 | 2019-Sep-16 | |
| US | 2002-Sep-26 | 10/255565 | 2003-May-29 | US 7308296 | 2007-Dec-11 | 7308296 | 2017-Nov-06 | |
| US | 2002-Oct-25 | 10/281414 | 2003-Mar-13 | US 6745506 | 2004-Jun-08 | 6745506 | 2021-Jan-04 | |
| US | 2002-Nov-04 | 10/287221 | 2003-Apr-10 | US 6676282 | 2004-Jan-13 | 6676282 | 2020-Jun-22 | |
| US | 2002-Nov-19 | 10/299870 | | US 6762562 | 2004-Jul-13 | 6762562 | 2022-Nov-19 | |
| US | 2002-Nov-22 | 10/302315 | 2003-Apr-10 | US 6692136 | 2004-Feb-17 | 6692136 | 2019-Dec-02 | |
| US | 2002-Dec-19 | 10/323445 | 2003-May-08 | US 7071762 | 2006-Jul-04 | 7071762 | 2021-Jan-31 | |
| US | 2003-Feb-06 | 10/504139 | 2005-Apr-28 | US 7463070 | 2008-Dec-09 | 7463070 | 2024-Jan-18 | |
| US | 2003-Feb-06 | 10/360594 | 2004-Aug-19 | US 7202613 | 2007-Apr-10 | 7202613 | 2021-May-30 | |
| US | 2003-Apr-22 | 10/420506 | 2004-Feb-19 | US 6969954 | 2005-Nov-29 | 6969954 | 2021-Aug-07 | |
| US | 2003-May-09 | 10/435687 | 2004-Oct-28 | US 7038399 | 2006-May-02 | 7038399 | 2021-Jul-09 | |
| US | 2003-May-19 | 10/440117 | | US 6989807 | 2006-Jan-24 | 6989807 | 2024-Jun-09 | |
| US | 2003-Aug-28 | 10/650476 | 2004-May-13 | US 7204622 | 2007-Apr-17 | 7204622 | 2024-Jan-09 | |
| US | 2003-Oct-03 | 10/678971 | 2004-Jul-08 | US 7300192 | 2007-Nov-27 | 7300192 | 2022-Dec-20 | |
| US | 2003-Oct-09 | 10/684066 | | US 6930452 | 2005-Aug-16 | 6930452 | 2023-Oct-09 | |
| US | 2003-Oct-30 | 10/698019 | 2004-Aug-12 | US 7132804 | 2006-Nov-07 | 7132804 | 2019-Jun-28 | |
| US | 2003-Nov-04 | 10/701132 | 2004-May-13 | US 7161311 | 2007-Jan-09 | 7161311 | 2017-Aug-26 | |
| US | 2003-Nov-10 | 10/705643 | 2004-Jun-03 | US 7387405 | 2008-Jun-17 | 7387405 | 2018-Dec-17 | |
| US | 2003-Nov-11 | 10/536260 | 2006-Jul-06 | US 7314289 | 2008-Jan-01 | 7314289 | 2024-May-07 | |
| US | 2003-Nov-26 | 10/723711 | 2005-May-26 | US 7144135 | 2006-Dec-05 | 7144135 | 2024-Aug-09 | |
| US | 2003-Dec-02 | 10/726854 | | US 7030572 | 2006-Apr-18 | 7030572 | 2024-Mar-19 | |
| US | 2003-Dec-08 | 10/730816 | 2004-Sep-09 | US 7182480 | 2007-Feb-27 | 7182480 | 2024-Mar-15 | |
| US | 2003-Dec-11 | 10/539981 | | US 7262559 | 2007-Aug-28 | 7262559 | 2024-Jan-15 | |
| US | 2004-Feb-27 | 10/789062 | 2004-Oct-28 | US 6933685 | 2005-Aug-23 | 6933685 | 2021-Dec-27 | |
| US | 2004-Mar-18 | 10/803540 | 2004-Dec-23 | US 7180252 | 2007-Feb-20 | 7180252 | 2020-Feb-24 | |
| US | 2004-Mar-26 | 10/810481 | 2004-Sep-16 | US 7274160 | 2007-Sep-25 | 7274160 | 2017-Sep-28 | |
| US | 2004-Apr-12 | 10/822579 | | US 6853151 | 2005-Feb-08 | 6853151 | 2022-Nov-19 | |
| US | 2004-Apr-21 | 10/828933 | 2005-Jun-02 | US 7358929 | 2008-Apr-15 | 7358929 | 2024-Mar-31 | |
| US | 2004-Apr-22 | 10/555677 | 2006-Oct-19 | US 7911151 | 2011-Mar-22 | 7911151 | 2026-Sep-09 | |
| US | 2004-Apr-22 | 10/555678 | 2006-Dec-28 | US 7358961 | 2008-Apr-15 | 7358961 | 2024-Sep-17 | |
| US | 2004-Apr-30 | 10/555680 | 2006-Nov-30 | US 7511436 | 2009-Mar-31 | 7511436 | 2025-Apr-19 | |
| US | 2004-May-05 | 10/839765 | 2005-Jun-16 | US 7178941 | 2007-Feb-20 | 7178941 | 2024-May-05 | |
| US | 2004-May-10 | 10/842257 | 2004-Dec-02 | US 7253566 | 2007-Aug-07 | 7253566 | 2018-Jun-06 | |
| US | 2004-May-14 | 10/846775 | 2004-Oct-28 | US 7427840 | 2008-Sep-23 | 7427840 | 2019-Sep-21 | |
| US | 2004-Jun-04 | 10/861769 | | US 7070300 | 2006-Jul-04 | 7070300 | 2024-Jun-04 | |
| US | 2004-Jul-21 | 10/897309 | 2005-Mar-24 | US 7255458 | 2007-Aug-14 | 7255458 | 2024-Jul-21 | |
| US | 2004-Jul-22 | 10/897990 | 2005-Mar-24 | US 7140752 | 2006-Nov-28 | 7140752 | 2024-Aug-06 | |
| US | 2004-Aug-06 | 10/913144 | 2006-Mar-09 | US 7248239 | 2007-Jul-24 | 7248239 | 2024-Jul-24 | |
| US | 2004-Aug-11 | 10/916018 | 2005-Mar-24 | US 7135824 | 2006-Nov-14 | 7135824 | 2017-Sep-29 | |
| US | 2004-Aug-11 | 10/915947 | 2005-Feb-17 | US 7449847 | 2008-Nov-11 | 7449847 | 2023-Aug-04 | |
| US | 2004-Aug-31 | 10/930345 | 2005-Feb-10 | US 7255457 | 2007-Aug-14 | 7255457 | 2021-Mar-17 | |
| US | 2004-Sep-01 | 10/570539 | 2007-Jan-18 | US 7635957 | 2009-Dec-22 | 7635957 | 2026-Jul-16 | |
| US | 2004-Sep-07 | 10/570866 | 2007-Jan-11 | US 7521872 | 2009-Apr-21 | 7521872 | 2025-Feb-09 | |
| US | 2004-Sep-07 | 10/935329 | 2005-Feb-24 | US 7132785 | 2006-Nov-07 | 7132785 | 2023-Nov-07 | |
| US | 2004-Sep-21 | 10/572846 | 2006-Dec-28 | US 7714521 | 2010-May-11 | 7714521 | 2027-Sep-12 | |
| US | 2004-Sep-30 | 10/954334 | 2005-Mar-03 | US 7845823 | 2010-Dec-07 | 7845823 | 2022-Nov-19 | |
| US | 2004-Nov-03 | 10/980024 | 2005-Mar-24 | US 7525254 | 2009-Apr-28 | 7525254 | 2019-Jun-21 | |
| US | 2004-Nov-05 | 10/578650 | 2007-Apr-12 | US 7573729 | 2009-Aug-11 | 7573729 | 2025-Jan-05 | |
| US | 2004-Nov-16 | 10/990090 | 2005-Jul-14 | US 7453217 | 2008-Nov-18 | 7453217 | 2018-Jun-23 | |
| US | 2004-Nov-22 | 10/995038 | 2005-Nov-10 | US 7502034 | 2009-Mar-03 | 7502034 | 2024-Nov-22 | |
| US | 2004-Dec-09 | 11/010015 | 2005-Aug-04 | US 7202641 | 2007-Apr-10 | 7202641 | 2025-Oct-28 | |
| US | 2004-Dec-13 | 11/010840 | 2005-Dec-15 | US 7344279 | 2008-Mar-18 | 7344279 | 2024-Dec-13 | |
| US | 2005-Jan-28 | 11/046176 | 2005-Sep-22 | US 7267461 | 2007-Sep-11 | 7267461 | 2025-Sep-21 | |
| US | 2005-Feb-07 | 11/052328 | | US 7067992 | 2006-Jun-27 | 7067992 | 2022-Nov-19 | |
| US | 2005-Feb-22 | 11/064069 | 2006-Jan-26 | US 7482565 | 2009-Jan-27 | 7482565 | 2020-Dec-25 | |
| US | 2005-Feb-28 | 11/069388 | 2005-Sep-22 | US 7652300 | 2010-Jan-26 | 7652300 | 2026-Jan-04 | |
| US | 2005-Mar-14 | 11/079904 | 2005-Sep-29 | US 2005213353 A1 | 2009-Jul-07 | 7557521 | 2025-Sep-23 | |
| US | 2005-Mar-14 | 11/079905 | 2005-Oct-06 | US 2005219872 A1 | 2008-Apr-15 | 7358706 | 2026-Mar-16 | |
| US | 2005-Mar-14 | 11/079461 | 2005-Sep-29 | US 7459864 | 2008-Dec-02 | 7459864 | 2025-Mar-14 | |
| US | 2005-Mar-14 | 11/079928 | 2005-Oct-06 | US 2005218838 A1 | 2007-Jun-19 | 7233115 | 2025-Jul-30 | |
| US | 2005-Mar-14 | 11/079448 | 2005-Oct-06 | US 2005218870 A1 | 2010-Feb-09 | 7659673 | 2026-Dec-21 | |
| US | 2005-Mar-14 | 11/079450 | 2005-Oct-20 | US 2005231133 A1 | 2007-Aug-14 | 7256554 | 2025-Mar-14 | |
| US | 2005-Mar-23 | 10/599860 | 2007-Aug-23 | US 7490953 | 2009-Feb-17 | 7490953 | 2025-Apr-19 | |
| US | 2005-Mar-31 | 11/095916 | 2005-Nov-17 | US 7358679 | 2008-Apr-15 | 7358679 | 2021-Jul-09 | |
| US | 2005-Apr-06 | 11/101046 | 2006-Jan-05 | US 7202608 | 2007-Apr-10 | 7202608 | 2025-Apr-06 | |
| US | 2005-Apr-06 | 11/549576 | 2007-Mar-29 | US 7420335 | 2008-Sep-02 | 7420335 | 2025-Jun-19 | |
| US | 2005-Apr-14 | 11/106381 | 2005-Dec-29 | US 7161313 | 2007-Jan-09 | 7161313 | 2017-Aug-26 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement
List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------------|-------------|-----------|-------------|-------------------|
| US | 2005-Apr-27 | 11/568626 | 2008-Nov-20 | US 7675238 | 2010-Mar-09 | 7675238 | 2027-Mar-13 | |
| US | 2005-May-02 | 11/119999 | | US 7631985 | 2009-Dec-15 | 7631985 | 2025-May-02 | |
| US | 2005-Jun-03 | 11/569707 | 2008-Mar-06 | US 8084945 | 2011-Dec-27 | 8084945 | 2027-Sep-30 | |
| US | 2005-Jun-28 | 11/570944 | 2008-Nov-13 | US 7667409 | 2010-Feb-23 | 7667409 | 2026-Oct-20 | |
| US | 2005-Jul-06 | 11/571576 | 2007-Nov-01 | US 7741782 | 2010-Jun-22 | 7741782 | 2026-Jan-30 | |
| US | 2005-Jul-14 | 11/572229 | 2008-Apr-24 | US 7791289 | 2010-Sep-07 | 7791289 | 2027-Dec-31 | |
| US | 2005-Aug-02 | 11/573050 | 2008-Mar-20 | US 7566155 | 2009-Jul-28 | 7566155 | 2026-Jan-20 | |
| US | 2005-Aug-02 | 11/573016 | 2009-Jan-08 | US 7806541 | 2010-Oct-05 | 7806541 | 2027-Mar-15 | |
| US | 2005-Aug-02 | 11/573051 | 2008-Apr-24 | US 7722211 | 2010-May-25 | 7722211 | 2026-May-20 | |
| US | 2005-Aug-04 | 11/197283 | 2006-Feb-09 | US 7329998 | 2008-Feb-12 | 7329998 | 2026-Jul-22 | |
| US | 2005-Aug-05 | 11/198633 | | US 7490957 | 2009-Feb-17 | 7490957 | 2023-Mar-04 | |
| US | 2005-Aug-05 | 11/198248 | 2006-Apr-06 | US 7482760 | 2009-Jan-27 | 7482760 | 2027-Jul-28 | |
| US | 2005-Aug-18 | 11/575515 | 2008-Apr-24 | US 7482567 | 2009-Jan-27 | 7482567 | 2025-Aug-18 | |
| US | 2005-Sep-12 | 11/225377 | 2006-Jun-22 | US 7542257 | 2009-Jun-02 | 7542257 | 2026-Dec-23 | |
| US | 2005-Sep-12 | 11/575332 | 2008-Dec-25 | US 7670038 | 2010-Mar-02 | 7670038 | 2026-Aug-10 | |
| US | 2005-Sep-19 | 11/575761 | 2008-Jun-12 | US 7810974 | 2010-Oct-12 | 7810974 | 2026-Nov-13 | |
| US | 2005-Sep-20 | 11/576282 | 2009-Jul-16 | US 7731387 | 2010-Jun-08 | 7731387 | 2027-Feb-13 | |
| US | 2005-Sep-29 | 11/241787 | 2006-Apr-20 | US 7394210 | 2008-Jul-01 | 7394210 | 2025-Sep-29 | |
| US | 2005-Oct-12 | 10/557817 | 2007-Jul-05 | US 7738002 | 2010-Jun-15 | 7738002 | 2027-May-05 | |
| US | 2005-Oct-17 | 11/577366 | 2008-Apr-10 | US 7504781 | 2009-Mar-17 | 7504781 | 2025-Oct-24 | |
| US | 2005-Oct-26 | 11/577995 | 2008-Jun-12 | US 7906917 | 2011-Mar-15 | 7906917 | 2028-Jul-13 | |
| US | 2005-Nov-23 | 11/285980 | 2006-May-25 | US 7423387 | 2008-Sep-09 | 7423387 | 2026-Nov-22 | |
| US | 2005-Nov-25 | 11/719888 | 2009-Sep-17 | US 8063577 | 2011-Nov-22 | 8063577 | 2028-Jan-18 | |
| US | 2005-Nov-28 | 11/720629 | 2010-May-06 | US 8026532 | 2011-Sep-27 | 8026532 | 2026-Mar-22 | |
| US | 2005-Dec-02 | 11/721512 | | US 7719209 | 2010-May-18 | 7719209 | 2026-Jan-27 | |
| US | 2005-Dec-20 | 11/313427 | 2006-Jul-20 | US 7710369 | 2010-May-04 | 7710369 | 2029-Mar-03 | |
| US | 2005-Dec-30 | 11/322891 | 2006-May-25 | US 7520634 | 2009-Apr-21 | 7520634 | 2019-Mar-08 | |
| US | 2006-Jan-03 | 11/325080 | 2007-Jul-05 | US 2007152797 A1 | 2009-Nov-17 | 7619370 | 2028-Jan-06 | |
| US | 2006-Jan-05 | 10/567179 | | US 9111822 | 2015-Aug-18 | 9111822 | 2029-Nov-29 | |
| US | 2006-Feb-28 | 11/364304 | 2006-Sep-07 | US 7543956 | 2009-Jun-09 | 7543956 | 2027-Aug-12 | |
| US | 2006-Mar-02 | 11/366364 | 2006-Sep-14 | US 7538499 | 2009-May-26 | 7538499 | 2027-Feb-20 | |
| US | 2006-Apr-03 | 11/887696 | 2009-Dec-24 | US 7911118 | 2011-Mar-22 | 7911118 | 2026-Sep-22 | |
| US | 2006-Apr-18 | 11/379191 | 2006-Sep-21 | US 7352138 | 2008-Apr-01 | 7352138 | 2021-Mar-13 | |
| US | 2006-May-08 | 11/429715 | 2007-Aug-16 | US 7511437 | 2009-Mar-31 | 7511437 | 2027-Jul-10 | |
| US | 2006-May-10 | 11/915303 | 2008-Aug-14 | US 7766489 | 2010-Aug-03 | 7766489 | 2027-Jan-19 | |
| US | 2006-May-11 | 11/914979 | 2008-Aug-28 | US 8410723 | 2013-Apr-02 | 8410723 | 2027-Mar-13 | |
| US | 2006-May-19 | 11/419292 | 2006-Dec-21 | US 7348604 | 2008-Mar-25 | 7348604 | 2026-May-19 | |
| US | 2006-May-23 | 11/419995 | 2006-Nov-23 | US 7703951 | 2010-Apr-27 | 7703951 | 2027-May-12 | |
| US | 2006-May-23 | 11/419998 | 2006-Nov-23 | US 2006262545 A1 | 2010-Aug-03 | 7766518 | 2027-Dec-21 | |
| US | 2006-Jun-06 | 11/422589 | 2006-Dec-07 | US 7777427 | 2010-Aug-17 | 7777427 | 2029-Jun-17 | |
| US | 2006-Jul-05 | 11/995347 | 2008-Sep-11 | US 7652237 | 2010-Jan-26 | 7652237 | 2026-Aug-06 | |
| US | 2006-Aug-28 | 11/467713 | 2006-Dec-21 | US 7350936 | 2008-Apr-01 | 7350936 | 2020-Nov-20 | |
| US | 2006-Sep-15 | 12/088434 | 2008-Oct-16 | US 7806577 | 2010-Oct-05 | 7806577 | 2027-Oct-04 | |
| US | 2006-Sep-25 | 12/088360 | 2008-Nov-06 | US 7802902 | 2010-Aug-28 | 7802902 | 2027-Jun-24 | |
| US | 2006-Oct-02 | 12/089236 | 2008-Nov-06 | US 7893661 | 2011-Feb-22 | 7893661 | 2028-Mar-10 | |
| US | 2006-Oct-11 | 12/089720 | 2009-May-21 | US 7841733 | 2010-Nov-30 | 7841733 | 2027-Jun-27 | |
| US | 2006-Oct-13 | 11/549593 | 2008-Sep-18 | US 7687753 | 2010-Mar-30 | 7687753 | 2025-Oct-10 | |
| US | 2006-Oct-27 | 11/553512 | | US 8142051 | 2012-Mar-27 | 8142051 | 2027-Feb-19 | |
| US | 2006-Nov-07 | 12/092716 | 2008-Nov-13 | US 7520636 | 2009-Apr-21 | 7520636 | 2026-Nov-07 | |
| US | 2006-Nov-13 | 12/093463 | 2008-Oct-16 | US 7914173 | 2011-Mar-29 | 7914173 | 2027-Apr-28 | |
| US | 2006-Nov-17 | 11/561031 | 2007-Apr-19 | US 7809448 | 2010-Oct-05 | 7809448 | 2020-Aug-23 | |
| US | 2006-Nov-20 | 12/094616 | 2008-Dec-04 | US 7731390 | 2010-Jun-08 | 7731390 | 2026-Nov-20 | |
| US | 2006-Dec-06 | 12/096801 | 2008-Oct-30 | US 8356904 | 2013-Jan-22 | 8356904 | 2029-May-23 | |
| US | 2006-Dec-11 | 12/096613 | 2008-Dec-04 | US 7878688 | 2011-Feb-01 | 7878688 | 2027-Aug-16 | |
| US | 2006-Dec-12 | 12/096926 | 2008-Dec-11 | US 8004211 | 2011-Aug-23 | 8004211 | 2027-Dec-31 | |
| US | 2006-Dec-13 | 12/097927 | 2009-Jan-01 | US 9474134 | 2016-Oct-18 | 9474134 | 2030-Aug-09 | |
| US | 2006-Dec-20 | 11/613442 | 2007-Apr-19 | US 7358681 | 2008-Apr-15 | 7358681 | 2025-Apr-06 | |
| US | 2006-Dec-22 | 11/615124 | 2007-Sep-06 | US 7550935 | 2009-Jun-23 | 7550935 | 2021-Nov-30 | |
| US | 2007-Jan-22 | 11/625608 | 2007-May-24 | US 7959320 | 2011-Jun-14 | 7959320 | 2020-Nov-20 | |
| US | 2007-Jan-22 | 11/625622 | 2007-May-24 | US 7572028 | 2009-Aug-11 | 7572028 | 2020-Nov-20 | |
| US | 2007-Jan-26 | 12/162372 | 2009-Jan-22 | US 8217587 | 2012-Jul-10 | 8217587 | 2028-Aug-24 | |
| US | 2007-Feb-08 | 11/672664 | 2007-Jun-28 | US 8207821 | 2012-Jun-26 | 8207821 | 2027-May-28 | |
| US | 2007-Mar-02 | 12/281165 | 2009-Jan-22 | US 8330391 | 2012-Dec-11 | 8330391 | 2029-Jun-08 | |
| US | 2007-Mar-02 | 12/282845 | 2009-May-21 | US 7980726 | 2011-Jul-19 | 7980726 | 2028-Jan-16 | |
| US | 2007-Mar-08 | 12/282005 | 2010-Oct-21 | US 7866845 | 2011-Jan-11 | 7866845 | 2028-Jan-13 | |
| US | 2007-Mar-12 | 60/894,295 | | | | | | |
| US | 2007-Mar-15 | 11/686491 | 2007-Dec-20 | US 7550931 | 2009-Jun-23 | 7550931 | 2022-Jan-07 | |
| US | 2007-Apr-01 | 60/909,458 | | | | | | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement
List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|---------------|-------------|------------|-------------|-------------------|
| US | 2007-Apr-01 | 11/695024 | | US 7667408 | 2010-Feb-23 | 7667408 | 2027-Apr-01 | |
| US | 2007-Apr-01 | 11/695023 | | US 7288902 | 2007-Oct-30 | 7288902 | | |
| US | 2007-Apr-01 | 60/909,457 | | | | | | |
| US | 2007-Apr-02 | 11/695396 | 2007-Nov-29 | US 7654703 | 2010-Feb-02 | 7654703 | 2025-Jan-28 | |
| US | 2007-Apr-20 | 12/298795 | 2009-Nov-19 | US 8076872 | 2011-Dec-13 | 8076872 | 2028-Aug-31 | |
| US | 2007-Apr-20 | 11/737805 | 2007-Aug-16 | US 7495671 | 2009-Feb-24 | 7495671 | 2025-Jan-20 | |
| US | 2007-Apr-26 | 11/740380 | 2007-Aug-16 | US 7598686 | 2009-Oct-06 | 7598686 | 2017-Aug-26 | |
| US | 2007-May-01 | 11/742697 | 2007-Aug-23 | US 7659674 | 2010-Feb-09 | 7659674 | 2017-Aug-26 | |
| US | 2007-May-02 | 12/299655 | 2009-Jul-16 | US 8183784 | 2012-May-22 | 8183784 | 2029-Apr-05 | |
| US | 2007-May-14 | 11/748100 | 2007-Nov-15 | US 7658506 | 2010-Jan-09 | 7658506 | 2028-Feb-01 | |
| US | 2007-May-21 | 11/804938 | | US 7507001 | 2009-Mar-24 | 7507001 | 2023-May-13 | |
| US | 2007-May-31 | 12/302300 | 2009-Jul-02 | US 8143803 | 2012-Mar-27 | 8143803 | 2029-Feb-15 | |
| US | 2007-Jun-12 | 11/761478 | 2007-Oct-11 | US 7598681 | 2009-Oct-06 | 7598681 | 2021-May-30 | |
| US | 2007-Jun-12 | 11/761491 | 2007-Oct-11 | US 7598684 | 2009-Oct-06 | 7598684 | 2021-Aug-01 | |
| US | 2007-Jun-19 | 12/303760 | 2010-Sep-16 | US 8063750 | 2011-Nov-22 | 8063750 | 2028-Mar-12 | |
| US | 2007-Jun-20 | 12/306020 | 2009-Sep-17 | US 8134461 | 2012-Mar-13 | 8134461 | 2028-Nov-27 | |
| US | 2007-Jun-21 | 12/306008 | 2009-Nov-12 | US 7982414 | 2011-Jul-19 | 7982414 | 2028-Jul-16 | |
| US | 2007-Jul-05 | 12/374320 | 2009-Sep-17 | US 7854539 | 2010-Dec-21 | 7854539 | 2027-Dec-05 | |
| US | 2007-Jul-10 | 11/775551 | 2008-Jan-17 | US 7462997 | 2008-Dec-09 | 7462997 | 2017-Aug-26 | |
| US | 2007-Jul-12 | 11/777008 | 2008-Jan-17 | US 7772787 | 2010-Aug-10 | 7772787 | 2028-Oct-30 | |
| US | 2007-Jul-20 | 11/780574 | 2008-Jan-17 | US 7737643 | 2010-Jun-15 | 7737643 | 2025-Mar-14 | |
| US | 2007-Aug-09 | 11/836568 | | US 8026673 | 2011-Sep-27 | 8026673 | 2030-Jul-27 | |
| US | 2007-Aug-09 | 11/836550 | 2008-Jul-10 | US 8134303 | 2012-Mar-13 | 8134303 | 2030-Nov-26 | |
| US | 2007-Aug-16 | 11/893486 | 2008-Mar-20 | US 7712926 | 2010-May-11 | 7712926 | 2028-Feb-15 | |
| US | 2007-Aug-21 | 11/842612 | 2008-Feb-28 | US 7569807 | 2009-Aug-04 | 7569807 | 2027-Nov-28 | |
| US | 2007-Aug-24 | 60/968002 | | | | | | |
| US | 2007-Sep-18 | 12/439798 | 2009-Dec-31 | US 8729454 | 2014-May-20 | US 8729454 | 2028-Dec-09 | |
| US | 2007-Sep-20 | 11/858847 | 2008-Mar-20 | US 7688002 | 2010-Mar-30 | 7688002 | 2027-Nov-28 | |
| US | 2007-Sep-20 | 12/443859 | 2010-Jul-01 | US 8106599 | 2012-Jan-31 | 8106599 | 2028-May-09 | |
| US | 2007-Sep-20 | 12/443852 | 2010-Feb-04 | US 8067898 | 2011-Nov-29 | 8067898 | 2028-Aug-30 | |
| US | 2007-Oct-11 | 12/445320 | 2010-Apr-15 | US 8047696 | 2011-Nov-01 | 8047696 | 2028-Mar-31 | |
| US | 2007-Oct-12 | 12/439791 | 2010-Mar-04 | US 7980747 | 2011-Jul-19 | 7980747 | 2028-Jul-20 | |
| US | 2007-Oct-19 | 11/875196 | 2008-Apr-24 | US 7961113 | 2011-Jun-14 | 7961113 | 2029-Oct-16 | |
| US | 2007-Oct-31 | 11/931684 | 2008-May-01 | US 7731389 | 2010-Jun-08 | 7731389 | 2028-Aug-01 | |
| US | 2007-Nov-06 | 12/513520 | 2010-Mar-25 | US 8013533 | 2011-Sep-06 | 8013533 | 2028-Aug-25 | |
| US | 2007-Nov-08 | 12/514463 | 2010-Mar-04 | US 8217763 | 2012-Jul-18 | 8217763 | 2029-Mar-15 | |
| US | 2007-Nov-09 | 11/938051 | | US 7781979 | 2010-Aug-24 | 7781979 | 2029-Feb-17 | |
| US | 2007-Nov-27 | 12/516027 | 2010-Feb-25 | US 8692656 | 2014-Apr-08 | 8692656 | 2030-Dec-23 | |
| US | 2007-Nov-27 | 11/945480 | | US 7806558 | 2010-Oct-05 | 7806558 | 2028-Dec-31 | |
| US | 2007-Dec-04 | 60/992186 | | | | | | |
| US | 2007-Dec-07 | 12/517367 | 2010-Apr-01 | US 8412354 | 2013-Apr-02 | 8412354 | 2029-Mar-13 | |
| US | 2007-Dec-11 | 12/001642 | 2008-Jul-10 | US 9069341 | 2015-Jun-30 | 9069341 | 2033-Mar-29 | |
| US | 2007-Dec-11 | 12/001786 | 2008-Sep-04 | US 7868562 | 2011-Jan-11 | 7868562 | 2029-Jan-25 | |
| US | 2007-Dec-17 | 12/519187 | 2010-Mar-11 | US 8525444 | 2013-Sep-03 | 8525444 | 2029-Sep-01 | |
| US | 2008-Mar-12 | 12/047249 | | US 7852017 | 2010-Dec-14 | 7852017 | 2028-Mar-12 | |
| US | 2008-Mar-12 | 12/047258 | | US 8018171 | 2011-Sep-13 | 8018171 | | |
| US | 2008-Mar-12 | 13/206,212 | 2011-Dec-01 | US 8188677 | 2012-May-29 | 8,188,677 | 2028-Mar-12 | |
| US | 2008-Mar-12 | 12/047269 | 2008-Sep-18 | US 8174204 | 2012-May-08 | 8174204 | 2030-Jul-07 | |
| US | 2008-Mar-19 | 12/531698 | 2010-Apr-22 | US 8491161 | 2013-Jul-23 | 8491161 | 2029-Sep-29 | |
| US | 2008-Mar-31 | 12/593308 | 2010-Apr-29 | US 8203284 | 2012-Jun-19 | 8203284 | 2029-Jan-06 | |
| US | 2008-Apr-04 | 12/593382 | 2010-May-13 | US 8220958 | 2012-Jul-17 | 8220958 | 2029-Feb-16 | |
| US | 2008-Apr-04 | 61/042289 | | | | | | |
| US | 2008-Apr-11 | 12/595055 | 2010-Jun-10 | US 8226263 | 2012-Jul-24 | 8226263 | 2028-Oct-01 | |
| US | 2008-Apr-21 | 12/596484 | 2010-Jun-03 | US 8159454 | 2012-Apr-17 | 8159454 | 2028-Dec-05 | |
| US | 2008-Apr-23 | 12/596863 | 2010-May-13 | US 8076953 | 2011-Dec-13 | 8076953 | 2028-Jun-29 | |
| US | 2008-Apr-28 | 12/598098 | 2010-Jun-03 | US 8288957 | 2012-Oct-16 | 8288957 | 2029-May-06 | |
| US | 2008-May-01 | 12/598285 | 2010-Jun-03 | US 8330387 | 2012-Dec-11 | 8330387 | 2029-Jul-03 | |
| US | 2008-May-02 | 12/114500 | 2008-Nov-20 | US 7828465 | 2010-Nov-09 | 7828465 | 2029-Jan-30 | |
| US | 2008-May-05 | 12/599333 | 2010-Sep-23 | US 7943940 | 2011-May-17 | 7943940 | 2028-May-07 | |
| US | 2008-May-26 | 12/600871 | 2010-Jul-08 | US 8425101 | 2013-Apr-23 | 8425101 | 2030-Mar-05 | |
| US | 2008-May-30 | 12/602206 | 2010-Jul-08 | US 9368071 | 2016-Jun-14 | 9368071 | 2031-Jul-29 | |
| US | 2008-Jun-23 | 12/665126 | 2010-Jul-29 | US 8258713 | 2012-Sep-04 | 8258713 | 2029-Mar-04 | |
| US | 2008-Jun-26 | 12/146512 | 2009-Oct-08 | US 2009251059 | 2012-Jul-03 | 8212494 | 2031-Jan-31 | |
| US | 2008-Jun-30 | 12/666826 | 2010-Jul-22 | US 8242710 | 2012-Aug-14 | 8242710 | 2029-Apr-12 | |
| US | 2008-Jul-07 | 12/168776 | 2009-Apr-30 | US 7988328 | 2011-Aug-02 | 7988328 | 2028-Jul-07 | |
| US | 2008-Jul-11 | 12/171362 | | US 7766509 | 2010-Aug-03 | 7766509 | 2028-Nov-12 | |
| US | 2008-Jul-21 | 12/669059 | 2010-Aug-05 | US 8159155 | 2012-Apr-17 | 8159155 | 2029-Apr-18 | |
| US | 2008-Aug-14 | 12/673038 | 2012-May-17 | US 8427721 | 2013-Apr-23 | 8427721 | 2030-Jan-24 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|------------------|-------------|------------|-------------|-------------------|
| US | 2008-Aug-28 | 61/092520 | | | | | | |
| US | 2008-Sep-16 | 12/679324 | 2010-Aug-19 | US 8319406 | 2012-Nov-27 | 8319406 | 2029-Jan-16 | |
| US | 2008-Oct-08 | 12/681950 | 2010-Aug-19 | US 8390207 | 2013-Mar-05 | 8390207 | 2029-Nov-07 | |
| US | 2008-Nov-24 | 12/744088 | 2010-Sep-30 | US 8378591 | 2013-Feb-19 | 8378591 | 2029-Oct-17 | |
| US | 2008-Dec-02 | 12/746540 | 2010-Sep-30 | US 8400071 | 2013-Mar-19 | 8400071 | 2029-Oct-25 | |
| US | 2008-Dec-02 | 12/746551 | 2010-Oct-21 | US 8368315 | 2013-Feb-05 | 8368315 | 2029-Sep-02 | |
| US | 2008-Dec-16 | 12/747521 | 2010-Oct-28 | US 8523389 | 2013-Sep-03 | 8523389 | 2030-Mar-08 | |
| US | 2008-Dec-22 | 12/808910 | 2011-Nov-24 | US 8820972 | 2014-Sep-02 | 8820972 | 2030-Sep-29 | |
| US | 2008-Dec-29 | 12/810535 | 2011-Feb-10 | US 8938468 | 2015-Jan-20 | 8938468 | 2030-Oct-06 | |
| US | 2008-Dec-30 | 12/345953 | 2010-Jun-17 | US 8013281 | 2011-Sep-06 | 8013281 | 2020-Dec-20 | |
| US | 2008-Dec-31 | 12/347138 | 2010-Jul-01 | US 8212491 | 2012-Jul-03 | 8212491 | 2030-Aug-22 | |
| US | 2009-Jan-13 | 12/352750 | | US 8070328 | 2011-Dec-06 | 8070328 | 2029-Dec-22 | |
| US | 2009-Jan-30 | 12/363268 | 2010-Aug-05 | US 2010195333 A1 | 2012-Aug-21 | 8246212 | 2030-Sep-18 | |
| US | 2009-Jan-30 | 12/363663 | | US 7988327 | 2011-Aug-02 | 7988327 | 2029-Aug-07 | |
| US | 2009-Jan-30 | 12/363281 | 2010-Aug-05 | US 2010195323 A1 | 2012-Apr-17 | 8157414 | 2030-Jan-18 | |
| US | 2009-Jan-30 | 12/363286 | 2010-Aug-05 | US 2010195330 A1 | 2012-Oct-16 | 8287150 | 2029-Jan-30 | |
| US | 2009-May-20 | 12/993284 | 2011-Mar-17 | US 8434913 | 2013-May-07 | 8434913 | 2030-May-14 | |
| US | 2009-May-28 | 12/473739 | 2010-Sep-16 | US 2010231133 | 2017-Jun-27 | 9693413 | 2030-Jun-25 | |
| US | 2009-May-29 | 12/474714 | | US 8536794 | 2013-Sep-17 | 8536794 | 2027-Apr-01 | |
| US | 2009-Jul-10 | 13/002573 | 2011-May-12 | US 8492179 | 2013-Jul-23 | 8492179 | 2029-Jul-29 | |
| US | 2009-Jul-17 | 12/504,994 | 2010-Sep-16 | US 2010231135 | 2011-May-03 | 7,936,135 | 2029-Jul-17 | |
| US | 2009-Jul-17 | 13/070,299 | 2011-Jul-14 | US 2011069417 | 2012-Aug-21 | 8,247,998 | 2029-Jul-17 | |
| US | 2009-Jul-17 | 13/080,353 | 2011-Jul-28 | US 20110181194 | 2012-Jan-03 | 8,089,217 | 2029-Jul-17 | |
| US | 2009-Jul-22 | 13/055213 | 2011-Jun-02 | US 8493004 | 2013-Jul-23 | 8493004 | 2030-Mar-16 | |
| US | 2009-Jul-22 | 13/055517 | 2011-May-19 | US 8466627 | 2013-Jun-18 | 8466627 | 2030-Mar-07 | |
| US | 2009-Sep-02 | 13/120347 | 2011-Jul-21 | US 8552662 | 2013-Oct-08 | 8552662 | 2030-Jun-14 | |
| US | 2009-Sep-04 | 13/062955 | 2011-Jul-07 | US 8579473 | 2013-Nov-12 | 8579473 | 2030-Jul-11 | |
| US | 2009-Oct-07 | 12/575272 | 2010-Apr-15 | US 8829812 | 2014-Sep-09 | 8829812 | 2029-Oct-07 | |
| US | 2009-Oct-07 | 61/249483 | | | | | | |
| US | 2009-Oct-26 | 61/279750 | | | | | | |
| US | 2009-Oct-26 | 61/279755 | | | | | | |
| US | 2009-Oct-26 | 61/279750 | | | | | | |
| US | 2009-Nov-03 | 13/126196 | 2011-Aug-25 | US 8414138 | 2013-Apr-09 | 8414138 | 2029-Dec-26 | |
| US | 2009-Nov-10 | 12/615513 | 2010-Feb-25 | US 2010046227 | | | | |
| US | 2009-Nov-12 | 13/108407 | 2013-Sep-12 | US 8760043 | 2014-Jun-24 | 8760043 | 2029-Nov-12 | |
| US | 2009-Nov-12 | 13/128945 | 2011-Oct-13 | US 8314537 | 2012-Nov-20 | 8314537 | 2029-Nov-12 | |
| US | 2009-Nov-27 | 16046234 | 2018-Nov-15 | JS2018-0332143-A | 2018-Nov-27 | US10142443 | 2029-Nov-27 | |
| US | 2009-Nov-27 | 13/133457 | | | 2018-Sep-11 | 10075558 | 2030-Sep-03 | |
| US | 2009-Nov-30 | 12/627461 | | US 8096691 | 2012-Jan-17 | 8096691 | 2020-May-30 | |
| US | 2009-Nov-30 | 13/143634 | 2011-Nov-03 | US 8292471 | 2012-Oct-23 | 8292471 | 2029-Nov-30 | |
| US | 2009-Dec-28 | 13/061154 | 2011-Jun-23 | US 2011148313 | 2017-Jul-11 | 9706612 | 2033-May-29 | |
| US | 2009-Dec-30 | 12/650139 | | US 8317371 | 2012-Nov-27 | 8317371 | 2029-Dec-30 | |
| US | 2010-Jan-04 | 13/143733 | 2011-Nov-03 | US 8628220 | 2014-Jan-14 | 8628220 | 2030-Sep-24 | |
| US | 2010-Jan-05 | 13/143608 | 2011-Nov-10 | US 8602621 | 2013-Dec-10 | 8602621 | 2030-Jul-23 | |
| US | 2010-Jan-27 | 12/694353 | 2010-May-27 | US 7986103 | 2011-Jul-26 | 7986103 | 2025-Jun-28 | |
| US | 2010-Mar-11 | 61/339907 | | | | | | |
| US | 2010-Mar-15 | 13/259165 | 2012-Apr-19 | US 2012091902 | 2017-Mar-07 | 9591725 | 2032-Jun-11 | |
| US | 2010-Mar-30 | 13/260752 | 2012-Feb-02 | US 8556456 | 2013-Oct-15 | 8556456 | 2030-Jul-15 | |
| US | 2010-Apr-01 | 13/264164 | 2012-Feb-09 | US 8698646 | 2014-Apr-15 | 8698646 | 2030-Oct-05 | |
| US | 2010-Apr-23 | 13/318788 | 2012-Jun-21 | US 9175817 | 2015-Nov-03 | 9175817 | 2030-Apr-23 | |
| US | 2010-May-05 | 13/320987 | 2012-Mar-15 | US 8531111 | 2013-Sep-10 | 8531111 | 2030-Sep-18 | |
| US | 2010-May-07 | 12/775484 | 2011-Jan-06 | US 8267549 | 2012-Sep-18 | 8267549 | 2031-Apr-02 | |
| US | 2010-May-17 | 61/395589 | | | | | | |
| US | 2010-May-21 | 13/321848 | 2012-Mar-22 | US 9360203 | 2016-Jun-07 | 9360203 | 2030-May-21 | |
| US | 2010-May-21 | 12/785383 | 2011-Apr-28 | US 8441202 | 2013-May-14 | US8441202 | 2030-May-21 | |
| US | 2010-May-26 | 13/322704 | 2012-Jun-28 | US 8894238 | 2014-Nov-25 | 8894238 | 2030-May-26 | |
| US | 2010-Jun-04 | 13/376294 | 2012-Nov-01 | US 9184497 | 2015-Nov-10 | 9184497 | 2032-Jul-11 | |
| US | 2010-Jun-08 | 12/795816 | 2010-Sep-23 | US 7950825 | 2011-May-31 | 7950825 | 2030-Jun-08 | |
| US | 2010-Jun-09 | 13/378381 | 2012-Jun-21 | US 8633650 | 2014-Jan-21 | 8633650 | 2030-Jun-09 | |
| US | 2010-Jun-11 | 13/379037 | 2012-May-03 | US 8845146 | 2014-Sep-30 | 8845146 | 2030-Jun-11 | |
| US | 2010-Jun-14 | 13/379052 | 2012-Apr-26 | US 8227968 | 2012-Jul-24 | 8227968 | 2030-Jun-14 | |
| US | 2010-Jun-15 | 13/379044 | 2012-Apr-26 | US 8680779 | 2014-Mar-25 | 8680779 | 2030-Nov-19 | |
| US | 2010-Jun-16 | 12/817143 | 2010-Oct-07 | US 8047699 | 2011-Nov-01 | 8047699 | 2030-Jun-16 | |
| US | 2010-Jun-16 | 12/817146 | 2010-Sep-30 | US 8262272 | 2012-Sep-11 | 8262272 | 2030-Jun-16 | |
| US | 2010-Jun-16 | 12/817144 | 2010-Oct-07 | US 8016459 | 2011-Sep-13 | 8016459 | 2030-Jun-16 | |
| US | 2010-Jun-22 | 13/380587 | 2012-Apr-26 | US 9155138 | 2015-Oct-06 | 9155138 | 2030-Jun-22 | |
| US | 2010-Jul-08 | 12/832358 | 2010-Oct-28 | US 7959326 | 2011-Jun-14 | 7959326 | 2028-Nov-12 | |
| US | 2010-Jul-09 | 61/363161 | | | | | | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|---------------|-------------|-----------|-------------|-------------------|
| US | 2010-Jul-09 | 61/363161 | | | | | | |
| US | 2010-Jul-19 | 13/386488 | 2012-Jul-12 | US 9468079 | 2016-Oct-11 | 9468079 | 2033-Dec-08 | |
| US | 2010-Jul-21 | 12/840301 | 2011-Mar-10 | US 8246200 | 2012-Aug-21 | 8246200 | 2031-Feb-16 | |
| US | 2010-Jul-27 | 13/386700 | 2012-May-24 | US 8723431 | 2014-May-13 | 8723431 | 2031-Feb-10 | |
| US | 2010-Aug-11 | 12/854200 | 2011-Mar-03 | US 8120279 | 2012-Feb-21 | 8120279 | 2025-Oct-04 | |
| US | 2010-Aug-13 | 12/856,009 | 2012-Feb-16 | US 2012038286 | 2013-May-07 | 8,436,549 | 2031-Mar-10 | |
| US | 2010-Aug-18 | 13/392543 | 2012-Jun-21 | US 8624513 | 2014-Jan-07 | 8624513 | 2030-Aug-18 | |
| US | 2010-Aug-18 | 14/105615 | 2014-Apr-17 | US 9345079 | 2016-May-17 | 9345079 | 2030-Aug-18 | |
| US | 2010-Aug-30 | 13/391557 | 2012-Jun-14 | US 8860314 | 2014-Oct-14 | 8860314 | 2030-Aug-30 | |
| US | 2010-Sep-01 | 13/391646 | 2012-Jun-14 | US 8629622 | 2014-Jan-14 | 8629622 | 2031-Jan-17 | |
| US | 2010-Sep-07 | 13/496275 | 2012-Jul-05 | US 9167652 | 2015-Oct-20 | 9167652 | 2030-Sep-07 | |
| US | 2010-Sep-09 | 13/202468 | 2012-Jul-05 | US 8622577 | 2014-Jan-07 | 8622577 | 2030-Sep-09 | |
| US | 2010-Sep-09 | 13/392886 | 2012-Jun-21 | US 8610374 | 2013-Dec-17 | 8610374 | 2031-Jan-15 | |
| US | 2010-Sep-13 | 13/392637 | 2012-Jun-21 | US 8746936 | 2014-Jun-10 | 8746936 | 2030-Sep-13 | |
| US | 2010-Sep-24 | 12/889760 | 2011-Jan-20 | US 7891844 | 2011-Feb-22 | 7891844 | 2027-Mar-15 | |
| US | 2010-Sep-29 | 13/500101 | 2012-Aug-02 | US 9039252 | 2015-May-26 | 9039252 | 2031-May-05 | |
| US | 2010-Oct-08 | 12/900535 | 2011-Feb-03 | US 8240900 | 2012-Aug-14 | 8240900 | 2025-Sep-19 | |
| US | 2010-Oct-26 | 13/706104 | 2013-Apr-18 | US 8547024 | 2013-Oct-01 | US8547024 | 2030-Oct-26 | |
| US | 2010-Oct-26 | 12/912613 | 2011-Oct-06 | US 8283875 | 2012-Oct-09 | US8283875 | 2030-Oct-26 | |
| US | 2010-Oct-26 | 13/481898 | 2012-Sep-20 | US 8344630 | 2013-Jan-01 | US8344630 | 2030-Oct-26 | |
| US | 2010-Oct-26 | 12/912576 | 2011-Aug-25 | US 8203277 | 2012-Jun-19 | US8203277 | 2030-Oct-26 | |
| US | 2010-Oct-29 | 13/505767 | 2012-Sep-06 | US 9338860 | 2016-May-10 | 9338860 | 2030-Oct-29 | |
| US | 2010-Nov-11 | 61/412,740 | | | | | | |
| US | 2010-Nov-16 | 61/414,291 | | | | | | |
| US | 2010-Nov-22 | 13/513870 | 2012-Nov-08 | US 8668354 | 2014-Mar-11 | 8668354 | 2030-Nov-22 | |
| US | 2010-Nov-25 | 13/093700 | 2012-Apr-26 | US 8686668 | 2014-Apr-01 | 8686668 | 2031-Oct-23 | |
| US | 2010-Dec-14 | 61/423,016 | | | | | | |
| US | 2010-Dec-14 | 61/423,022 | | | | | | |
| US | 2010-Dec-22 | 12/975991 | 2011-Apr-21 | US 8408741 | 2013-Apr-02 | 8408741 | 2028-Aug-20 | |
| US | 2011-Feb-28 | 14/204557 | 2014-Jul-10 | US 9383081 | 2016-Jul-05 | 9383081 | 2031-Feb-28 | |
| US | 2011-Feb-28 | 13/582417 | 2012-Dec-20 | US 8729781 | 2014-May-20 | 8729781 | 2031-Feb-28 | |
| US | 2011-Mar-11 | 13/636165 | 2013-Jun-06 | US 2013141001 | 2016-Nov-01 | 9485833 | 2033-Nov-06 | |
| US | 2011-Mar-25 | 13/072638 | 2011-Nov-03 | US 8339066 | 2012-Dec-25 | US8339066 | 2031-Mar-25 | |
| US | 2011-Apr-01 | 13/639877 | 2013-Feb-21 | US 9151469 | 2015-Oct-06 | 9151469 | 2031-Jul-31 | |
| US | 2011-Apr-01 | 61/470597 | | | | | | |
| US | 2011-Apr-06 | 13/122921 | 2011-Aug-11 | US 8569969 | 2013-Oct-29 | 8569969 | 2032-Jan-13 | |
| US | 2011-Apr-13 | 13/085,917 | 2012-Jun-14 | US 2012147604 | 2014-Feb-04 | 8,641,241 | 2031-Dec-01 | |
| US | 2011-Apr-27 | 13/695800 | 2013-Feb-28 | US 8979337 | 2015-Mar-17 | 8979337 | 2031-Sep-27 | |
| US | 2011-May-16 | 13/108551 | 2011-Sep-08 | US 8434897 | 2013-May-07 | 8434897 | 2028-May-02 | |
| US | 2011-Jun-16 | 13/703717 | 2013-Oct-24 | US 9288866 | 2016-Mar-15 | 9288866 | 2031-Jun-16 | |
| US | 2011-Jun-20 | 61/498864 | | | | | | |
| US | 2011-Jun-24 | 13/810787 | 2013-May-09 | US 8858248 | 2014-Oct-14 | 8858248 | 2031-Jun-24 | |
| US | 2011-Jun-30 | 13/806340 | 2013-Apr-18 | US 8845127 | 2014-Sep-30 | 8845127 | 2031-Jun-30 | |
| US | 2011-Jul-29 | 13/194699 | | US 8749173 | 2014-Jun-10 | 8749173 | 2031-Jul-29 | |
| US | 2011-Aug-05 | 13/819884 | 2013-Jun-20 | US 2013159754 | 2018-Jun-05 | 9990019 | 2034-Jun-09 | |
| US | 2011-Aug-11 | 13/816953 | 2013-Jun-13 | US 9057492 | 2015-Jun-16 | 9057492 | 2031-Aug-11 | |
| US | 2011-Aug-15 | 61/523542 | | | | | | |
| US | 2011-Aug-18 | 13/212537 | 2011-Dec-15 | US 8773042 | 2014-Jul-08 | 8773042 | 2031-Aug-18 | |
| US | 2011-Oct-06 | 61/543861 | | | | | | |
| US | 2011-Oct-14 | 61/547082 | | | | | | |
| US | 2011-Oct-19 | 61/548882 | | | | | | |
| US | 2011-Oct-20 | 61/549360 | | | | | | |
| US | 2011-Nov-04 | 61/555647 | | | | | | |
| US | 2011-Nov-07 | 13/873,758 | 2013-Sep-19 | US 2013242535 | 2015-Sep-08 | 9,127,829 | 2032-Jan-20 | |
| US | 2011-Nov-07 | 13/290,970 | 2012-May-17 | US 2012120655 | | | | |
| US | 2011-Nov-11 | 61/558,529 | | | | | | |
| US | 2011-Nov-15 | 13/988140 | 2013-Sep-12 | US 9119260 | 2015-Aug-25 | 9119260 | 2031-Nov-15 | |
| US | 2011-Nov-16 | 61/560409 | | | | | | |
| US | 2011-Nov-16 | 13/298002 | 2012-May-17 | US 8547034 | 2013-Oct-01 | 8547034 | 2032-Mar-27 | |
| US | 2011-Nov-16 | 14/012775 | 2013-Dec-23 | US 9155163 | 2015-Oct-06 | 9155163 | 2031-Nov-16 | |
| US | 2011-Nov-25 | 13/093705 | 2012-Mar-15 | US 8598804 | 2013-Dec-03 | US8598804 | 2031-Nov-25 | |
| US | 2011-Dec-22 | 13/334118 | 2012-Apr-19 | US 8456089 | 2013-Jun-04 | 8456089 | 2031-Dec-22 | |
| US | 2012-Jan-06 | 61/583707 | | | | | | |
| US | 2012-Jan-06 | 61/583654 | | | | | | |
| US | 2012-Jan-11 | 13/978549 | 2014-Jan-02 | US 9249965 | 2016-Feb-02 | 9249965 | 2032-Jul-09 | |
| US | 2012-Jan-13 | 61/586156 | | | | | | |
| US | 2012-Jan-13 | 61/586140 | | | | | | |
| US | 2012-Feb-01 | 61/593354 | | | | | | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|--------------------|-------------|-----------|-------------|-------------------|
| US | 2012-Feb-01 | 61/593378 | | | | | | |
| US | 2012-Feb-02 | 61/593919 | | | | | | |
| US | 2012-Feb-02 | 61/593906 | | | | | | |
| US | 2012-Feb-17 | 61/600,330 | | | | | | |
| US | 2012-Feb-24 | 61/602710 | | | | | | |
| US | 2012-Mar-09 | 61/608696 | | | | | | |
| US | 2012-Mar-12 | 13/417622 | 2012-Jul-05 | US 8816602 | 2014-Aug-26 | 8816602 | 2032-Mar-12 | |
| US | 2012-Mar-16 | 14/006988 | 2014-Jan-09 | US 9377186 | 2016-Jun-28 | 9377186 | 2032-Mar-16 | |
| US | 2012-Mar-20 | 61/613121 | | | | | | |
| US | 2012-Mar-22 | 14/007402 | 2014-Jan-30 | US 2014029247 | 2017-Mar-07 | 9587815 | 2032-Aug-27 | |
| US | 2012-Mar-27 | 61/615927 | | | | | | |
| US | 2012-Mar-27 | 14/008580 | 2014-Jan-23 | US 9301354 | 2016-Mar-29 | 9301354 | 2032-Mar-27 | |
| US | 2012-Mar-27 | 13/431569 | | US 8482220 | 2013-Jul-09 | 8482220 | 2028-Mar-12 | |
| US | 2012-Mar-29 | 61/617108 | | | | | | |
| US | 2012-Apr-02 | 14/042751 | 2015-Apr-02 | US 2015092419 | | | | |
| US | 2012-Apr-05 | 61/620495 | | | | | | |
| US | 2012-May-03 | 61/641949 | | | | | | |
| US | 2012-May-08 | 61/643976 | | | | | | |
| US | 2012-May-11 | 61/645780 | | | | | | |
| US | 2012-May-14 | 14/117047 | 2018-Feb-01 | IS-2018-0035503-A1 | | | | |
| US | 2012-Jun-05 | 61/655548 | | | | | | |
| US | 2012-Jun-05 | 13/488580 | | US 8581504 | 2013-Nov-12 | 8581504 | 2028-Dec-31 | |
| US | 2012-Jun-25 | 13/531661 | 2012-Oct-18 | US 8491154 | 2013-Jul-23 | 8491154 | 2032-Jun-25 | |
| US | 2012-Jun-27 | 61/664885 | | | | | | |
| US | 2012-Jul-12 | 61/670682 | | | | | | |
| US | 2012-Jul-16 | 61/671940 | | | | | | |
| US | 2012-Aug-02 | 14/237913 | 2014-Jul-24 | US 9357600 | 2016-May-31 | 9357600 | 2032-Dec-18 | |
| US | 2012-Aug-31 | 61/695809 | | | | | | |
| US | 2012-Sep-26 | 61/705655 | | | | | | |
| US | 2012-Oct-05 | 14/346808 | 2014-Aug-21 | US 2014232299 | 2018-Jul-24 | 10034340 | 2033-Apr-21 | |
| US | 2012-Oct-12 | 14/350443 | 2014-Sep-11 | US 2014252992 | 2017-Jun-06 | 9674904 | 2032-Oct-12 | |
| US | 2012-Oct-15 | 13/651777 | 2013-Feb-14 | US 8672519 | 2014-Mar-18 | 8672519 | 2032-Oct-15 | |
| US | 2012-Oct-17 | 14/352934 | 2014-Sep-18 | US 9101013 | 2015-Aug-04 | 9101013 | 2032-Oct-17 | |
| US | 2012-Oct-19 | 14/352034 | 2014-Sep-11 | US 8946978 | 2015-Feb-03 | 8946978 | 2032-Oct-19 | |
| US | 2012-Oct-19 | 14/358278 | 2014-Oct-23 | US 9332603 | 2016-May-03 | 9332603 | 2032-Oct-19 | |
| US | 2012-Oct-29 | 14/356184 | 2014-Oct-23 | US 9253831 | 2016-Feb-02 | 9253831 | 2032-Oct-29 | |
| US | 2012-Nov-09 | 13/673879 | | US 8912734 | 2014-Dec-16 | 8912734 | 2032-Nov-09 | |
| US | 2012-Nov-15 | 61/726624 | | | | | | |
| US | 2012-Dec-11 | 14/365133 | | US 9380658 | 2016-Jun-28 | 9380658 | 2032-Dec-11 | |
| US | 2012-Dec-26 | 13/726793 | 2013-May-09 | US 8807765 | 2014-Aug-19 | 8807765 | 2032-Dec-26 | |
| US | 2013-Jan-02 | 14/350829 | 2014-Nov-13 | US 9072142 | 2015-Jun-30 | 9072142 | 2033-Jan-02 | |
| US | 2013-Jan-02 | 14/370564 | 2014-Nov-06 | US 9380659 | 2016-Jun-28 | 9380659 | 2033-Jan-02 | |
| US | 2013-Jan-02 | 14/370607 | 2014-Dec-25 | US 8975820 | 2015-Mar-10 | 8975820 | 2033-Jan-02 | |
| US | 2013-Jan-10 | 14/371867 | 2015-Jan-01 | US 9279547 | 2016-Mar-08 | 9279547 | 2033-Jan-10 | |
| US | 2013-Jan-18 | 14/375180 | 2015-Jan-01 | US 2015002040 | 2017-Aug-22 | 9743467 | 2033-Jan-18 | |
| US | 2013-Jan-25 | 14/372846 | 2014-Dec-04 | US 9326344 | 2016-Apr-26 | 9326344 | 2033-Jan-25 | |
| US | 2013-Jan-25 | 14/375225 | 2015-Jan-22 | US 2015221007 | 2017-Jan-10 | 9544966 | 2033-Jan-25 | |
| US | 2013-Feb-04 | 13/757919 | 2014-Jul-10 | US 9429279 | 2016-Aug-30 | 9429279 | 2029-Apr-13 | |
| US | 2013-Feb-08 | 14/376253 | 2015-Jan-29 | US 9282605 | 2016-Mar-08 | 9282605 | 2033-Feb-08 | |
| US | 2013-Feb-22 | 14/377197 | | | 2016-Dec-20 | 9526133 | 2033-Apr-07 | |
| US | 2013-Feb-22 | 14/384047 | 2015-Mar-12 | US 2015069925 | 2017-May-16 | 9655176 | 2033-Jun-05 | |
| US | 2013-Mar-06 | 13/786585 | 2013-Jul-18 | US 9060398 | 2015-Jun-16 | 9060398 | 2025-Jun-03 | |
| US | 2013-Mar-07 | 14/388437 | | US 9210750 | 2015-Dec-08 | 9210750 | | |
| US | 2013-Mar-08 | 14/385776 | | US 9326340 | 2016-Apr-26 | 9326340 | | |
| US | 2013-Mar-15 | 13/833587 | | US 9184666 | 2015-Nov-10 | 9184666 | | |
| US | 2013-Mar-20 | 14/387260 | | US 9445465 | 2016-Sep-13 | 9445465 | 2033-Jun-09 | |
| US | 2013-Apr-02 | 14/390664 | 2015-Feb-05 | US 2015035452 | 2017-Jan-03 | 9538592 | 2033-Aug-15 | |
| US | 2013-Apr-16 | 14/395532 | | | 2016-Oct-25 | 9476580 | 2033-May-05 | |
| US | 2013-Apr-26 | 14/394763 | | | 2018-May-22 | 9980334 | 2033-Apr-26 | |
| US | 2013-May-22 | 14/403631 | 2015-Jun-11 | US 2015159813 | 2017-May-09 | 9644798 | 2033-Sep-25 | |
| US | 2013-Jun-13 | 13/917194 | | US 8963449 | 2015-Feb-24 | 8963449 | 2033-Jun-13 | |
| US | 2013-Jun-17 | 14/409143 | | US 9450481 | 2016-Sep-20 | 9450481 | | |
| US | 2013-Jul-10 | 14/413013 | | US 9383069 | 2016-Jul-05 | 9383069 | | |
| US | 2013-Jul-12 | 14415436 | | | 2017-Mar-21 | 9603216 | 2033-Jul-12 | |
| US | 2013-Aug-26 | 14/010087 | 2013-Dec-26 | US 9000680 | 2015-Apr-07 | 9000680 | 2033-Aug-26 | |
| US | 2013-Sep-17 | 14/428648 | | | 2018-Feb-13 | 9890942 | 2034-Jan-17 | |
| US | 2013-Sep-24 | 14/428652 | | US 9351357 | 2016-May-24 | 9351357 | | |
| US | 2013-Oct-10 | 14/050478 | 2014-Feb-06 | US 8979319 | 2015-Mar-17 | 8979319 | 2033-Oct-10 | |

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

| CTY | Filing Date | Application No. | Pub. Date | Pub. No. | Grant Date | Grant No. | Expiry Date | Additional Patent |
|-----|-------------|-----------------|-------------|-------------------|-------------|-------------|-------------|-------------------|
| US | 2013-Dec-02 | 14/651733 | | US 9351367 | 2016-May-24 | 9351367 | | |
| US | 2014-Jan-15 | 14/155642 | 2014-May-08 | US 8823274 | 2014-Sep-02 | 8823274 | 2034-Jan-15 | |
| US | 2014-Mar-05 | 14/772571 | 2016-Feb-04 | US 2016033099 | 2017-Nov-21 | 9822940 | 2034-Aug-12 | |
| US | 2014-Mar-12 | 14/779816 | | | 2017-May-16 | 9651730 | 2034-Mar-12 | |
| US | 2014-Apr-02 | 14/782483 | 2016-Mar-10 | US 2016073474 | 2017-Nov-07 | 9814123 | 2034-Jun-07 | |
| US | 2014-May-12 | 14/274931 | | | 2017-May-23 | 9660547 | 2032-Jun-23 | |
| US | 2014-Jun-04 | 14/895183 | | | 2016-Nov-01 | 9485828 | 2034-Jun-04 | |
| US | 2014-Jul-23 | 14/902750 | 2016-Jun-16 | US 2016174308 | 2017-Aug-22 | 9743466 | 2034-Jul-23 | |
| US | 2014-Aug-27 | 14/907994 | 2016-Jun-16 | US 2016174329 | | | | |
| US | 2014-Oct-14 | 15/029722 | 2016-Aug-11 | US 2016234902 | 2017-May-09 | 9648689 | 2034-Oct-14 | |
| US | 2014-Nov-12 | 15/038131 | 2016-Sep-29 | US 2016286621 | 2018-Jun-26 | 10009975 | 2034-Nov-12 | |
| US | 2014-Dec-23 | 14/785932 | 2016-Oct-27 | US 2016312965 | | | | |
| US | 2015-Jan-14 | 14/596617 | 2015-Jun-18 | US 2015173146 | | | | |
| US | 2015-Jan-23 | 14/604065 | | US 9433051 | 2016-Aug-30 | 9433051 | | |
| US | 2015-Feb-03 | 15116519 | 2016-Dec-08 | US 2016356473 | 2017-Oct-17 | 9791139 | 2035-Feb-03 | |
| US | 2015-Feb-23 | 15117565 | 2016-Dec-15 | US 2016366745 | | | | |
| US | 2015-Mar-13 | 15/124415 | 2017-Jan-19 | US 2017016584 | 2019-Mar-12 | US 10228097 | 2035-Mar-13 | |
| US | 2015-Apr-01 | 14/676,449 | 2015-Jul-23 | US 9426866 | 2016-Aug-23 | 9426866 | | |
| US | 2015-Jun-19 | 15/322218 | 2017-May-18 | 2017-0142811 A1 | 2018-May-22 | 9980353 | 2035-Jun-19 | |
| US | 2015-Jun-24 | 15/322667 | 2017-May-18 | 2017-0141619 A1 | 2018-Nov-27 | US10141792 | 2036-Jan-04 | |
| US | 2015-Aug-25 | 14/835045 | | | 2017-Aug-29 | 9746171 | 2030-May-21 | |
| US | 2015-Sep-25 | 15/516923 | 2017-Oct-26 | IS-2017-0311425-A | 2018-Sep-25 | 10085329 | 2035-Sep-25 | |
| US | 2015-Nov-03 | 15/522722 | 2017-Nov-02 | IS-2017-0318633-A | 2019-Jan-01 | 10172211 | 2035-Nov-03 | |
| US | 2015-Nov-23 | 14/948445 | 2016-Mar-17 | US 2016077599 | 2019-Apr-23 | US 10271408 | 2036-Apr-30 | |
| US | 2016-Feb-17 | 15/046,121 | 2016-Aug-25 | US 9609717 | 2017-Mar-28 | 9609717 | 2031-Jun-16 | |
| US | 2016-Apr-07 | 15/092966 | 2016-Oct-13 | US 2016301247 | | | | |
| US | 2016-Apr-22 | 15/136367 | 2016-Oct-27 | US 2016316536 | 2017-Nov-28 | 9832830 | 2036-Apr-22 | |
| US | 2016-Oct-21 | 15/299782 | 2017-Feb-09 | US 2017038054 | 2019-Feb-26 | US 10215393 | 2036-Oct-27 | |
| US | 2016-Oct-21 | 16/260696 | | | | | | |
| US | 2016-Nov-22 | 15/778528 | 2018-Dec-13 | US 20180359826A1 | 2019-Mar-12 | US 10231297 | 2036-Nov-22 | |

LEGEND

| | |
|-------------------|--|
| CTY | Country Code as used by WIPO |
| App. No. | Number of the patent application at the respective patent office |
| Fil. Date | Filing Date |
| Pub. No. | Publication Number |
| Pub. Date | Publication Date |
| Grant No. | Grant Number |
| Grant Date | Grant Date |
| Expiry Date | Estimated Expiry Date* |
| Additional Patent | Rights marked "Yes" are Additional Patents under the EnabLED Licensing Program |

* In case the estimated expiry date deviates from the actual expiry date, the latter prevails.

NOTES:

1. The above list of Patents is for information purposes only and may be updated from time to time. In the event of any discrepancy between the above information and any patent license agreement related to this licensing program, the patent license agreement shall prevail.

2. For any question, contact us at:

info.SSLicensing@signify.com