

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
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	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-Oct-25	01997118.3			2009-Jun-17	E434152	2021-Oct-25
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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-Jul-14	05763182.2	2007-Apr-11	EP 1772044	2012-Sep-12	E575523	2025-Jul-14
AT	2005-Sep-19	05783602.5	2007-Jul-11	EP 1805452	2014-Apr-23	1805452	2025-Sep-19
AT	2005-Dec-02	05815525.0			2017-Oct-04	1842399	2025-Dec-02
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
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AT	2008-Apr-04	08737714.9			2010-Oct-06	E 483939	2028-Apr-04
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BE	2002-Jun-21	02738518.6		EP 1405551	2008-Dec-10	1405551	2022-Jun-21
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BR	2006-May-24	PI 0610118-6					2026-May-24

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CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry date
BR	2007-Aug-17	PI0715880-7					2027-Aug-17
BR	2007-Aug-22	PI 0715802-5					2027-Aug-22
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CH	2001-Apr-24	03028671.0		EP 1422975	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
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CH	2006-Dec-13	11155525.6	2011-May-25	EP 2325670	2017-Oct-25	2325670	2026-Dec-13

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CH	2007-Nov-27	07862228.9		EP 2089656	2011-Mar-02	2089656	2027-Nov-27
CH	2008-Dec-02	08857778.8	2010-Sep-29	EP 2232951	2011-Jul-06	2232951	2028-Dec-02
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CN	1999-Sep-08	99802434.1	2001-Mar-28	CN 1289397	2003-Oct-15	99802434.1	2019-Sep-08
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FR	2012-Apr-02	12716291.5	2014-Feb-12	EP 2694867	2016-Aug-31	2694867	2032-Dec-02

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GB	1997-Sep-08	97936833.9	1998-Sep-16	EP 0864064	2002-Dec-04	0864064	2017-Sep-08
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HK	1998-Dec-17	00106717.9	2001-Jan-19	1027637			2018-Dec-17
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
HK	2004-Apr-21	16109278.6	2017-May-26	HK 1221277			
HK	2005-Mar-14	07101947.5	2007-May-04	1095474			2025-Mar-14
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
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HK	2005-Dec-02	08102545.8			2012-Aug-10	HK1111856	2028-Mar-05
HU	2003-Aug-28	03791823.2		EP 1535495	2010-Jan-13	E007648	2023-Aug-28
HU	2006-May-24	06765708.0			2009-Mar-18	E005833	2026-May-24
HU	2008-Dec-02	08857778.8	2010-Sep-29	EP 2232951	2011-Jul-06	2232951	2028-Dec-02
IE	1998-Jul-28	98937339.4	2000-May-17	EP 1000295	2014-Jul-23	1000295	2018-Jul-28
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IE	2001-Apr-24	03028671.0		EP 1422975	2010-Apr-14	1422975	2021-Apr-24
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IE	2003-Aug-28	03791823.2		EP 1535495	2010-Jan-13	1535495	2023-Aug-28
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IN	2005-Jun-23	1611/MUMNP/2006					2025-Jun-23
IN	2005-Oct-12	684/MUMNP/2007					2025-Oct-12
IN	2005-Oct-12	683/MUMNP/2007					2025-Oct-12
IN	2005-Dec-02	2338/KOLNP/2007			2015-Nov-30	270149	2025-Dec-02
IN	2005-Dec-16	413/MUMNP/2008					2025-Dec-16
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-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
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IN	2007-Jan-10	3715/CHENP/2008			2017-Mar-09	281232	2027-Jan-10
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
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IN	2007-Jul-03	126/CHENP/2009					2027-Jul-03
IN	2007-Aug-09	4602/CHENP/2009					2027-Aug-09
IN	2007-Aug-17	882/CHENP/2009					2027-Aug-17
IN	2007-Aug-22	974/CHENP/2009					2027-Aug-22
IN	2007-Sep-18	2289/CHENP/2009					2027-Sep-18
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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
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IN	2007-Dec-11	4032/CHENP/2009					2027-Dec-11
IN	2007-Dec-11	4031/CHENP/2009					2027-Dec-11
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-23	6827/CHENP/2009					2028-Apr-23
IN	2008-May-01	6974/CHENP/2009			2017-Nov-02	289132	2028-May-01
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IT	2002-May-10	02734387.0	2004-Feb-11	EP 1388276	2011-Aug-10	1388276	2022-May-10
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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
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IT	2006-Dec-11	06832203.1		EP 1963735	2010-Sep-29	1963735	2026-Dec-11
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IT	2007-Nov-27	07862228.9		EP 2089656	2011-Mar-02	2089656	2027-Nov-27
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IT	2008-Apr-04	08737714.9		EP 2135005	2010-Oct-06	2135005	2028-Apr-04
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IT	2010-Jul-14	10740369.3	2012-May-30	EP 2457415	2014-Feb-26	2457415	2030-Jul-14
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JP	1998-Dec-17	09-051067			2012-Sep-07	5081181	2018-Dec-17
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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	
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JP	2000-Sep-15	01-527610	2003-Mar-18	JP 2003511006	2010-Apr-30	4502353	2020-Sep-15
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JP	2003-Feb-06	2003-567137	2005-Jun-09	JP 2005517278	2010-Dec-24	4652691	2023-Feb-06
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JP	2003-Jun-12	04-515363	2005-Oct-13	JP 2005531140	2010-Jul-30	4558484	2023-Jun-12

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JP	2003-Aug-28	2004-531526	2005-Dec-08	JP 2005537613	2010-Nov-12	4625697	2023-Aug-28
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JP	2013-Mar-08	2013-046390			2016-Jan-15	5867871	2033-Mar-08
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KR	2002-Apr-25	10-2003-7000231			2008-Oct-17	10-0865222	2022-Apr-25
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NL	2001-Apr-24	07075990.7	2008-Feb-13	EP 1887836	2012-Mar-07	1887836	2021-Apr-24

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US	2006-Apr-03	11/887696	2009-Dec-24	US 7911118	2011-Mar-22	7911118	2026-Apr-03
US	2006-Apr-06	10/583297	2008-Dec-04	US 7893631	2011-Feb-22	7893631	2026-Apr-06
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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
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US	2006-May-23	11/419995	2006-Nov-23	US 7703951	2010-Apr-27	7703951	2027-May-12
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US	2006-Jun-06	11/422589	2006-Dec-07	US 7777427	2010-Aug-17	7777427	2029-Jun-17
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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
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US	2007-Aug-09	11/836568		US 8026673	2011-Sep-27	8026673	2030-Jul-27
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US	2007-Aug-16	11/893486	2008-Mar-20	US 7712926	2010-May-11	7712926	2028-Feb-15
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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
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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-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	12/517371	2010-Apr-08	US 8115410	2012-Feb-14	8115410	2029-Feb-05
US	2007-Dec-04	60/992186					2008-Dec-04
US	2007-Dec-05	12/517810	2010-Dec-09	US 8174210	2012-May-08	8174210	2029-Jan-13
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	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
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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
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US	2008-May-02	12/114500	2008-Nov-20	US 7828465	2010-Nov-09	7828465	2029-Jan-30
US	2008-May-09	12/599351	2010-Dec-02	US 8816611	2014-Aug-26	8816611	2031-Dec-18
US	2008-May-30	12/602206	2010-Jul-08	US 9368071	2016-Jun-14	9368071	2031-Jul-29
US	2008-Jun-09	12/663522	2010-Jul-01	US 8770787	2014-Jul-08	8770787	2029-Jul-28
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-21	12/669059	2010-Aug-05	US 8159155	2012-Apr-17	8159155	2029-Apr-18
US	2008-Aug-06	12/671714	2011-Dec-22	US 8552659	2013-Oct-08	8552659	2029-Mar-16
US	2008-Aug-14	12/673038	2012-May-17	US 8427721	2013-Apr-23	8427721	2030-Jan-24
US	2008-Aug-28	61/092520					2028-Aug-28
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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
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US	2008-Dec-29	12/810535	2011-Feb-10	US 8938468	2015-Jan-20	8938468	2030-Oct-06
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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	12/363286	2010-Aug-05	US 2010195330 A1	2012-Oct-16	8287150	2029-Jan-30
US	2009-May-28	12/473739	2010-Sep-16	US 2010231133	2017-Jun-27	9693413	2032-Jan-12
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-Oct-07	12/575272	2010-Apr-15	US 8829812	2014-Sep-09	8829812	2029-Oct-07
US	2009-Oct-07	61/249483					2029-Oct-07
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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-Sep-28
US	2009-Dec-30	12/650139		US 8317371	2012-Nov-27	8317371	2029-Dec-30
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US	2010-Jun-16	12/817144	2010-Oct-07	US 8016459	2011-Sep-13	8016459	2030-Jun-16
US	2010-Jul-14	13/386479	2012-May-17	US 8939605	2015-Jan-27	8939605	2030-Jul-14
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US	2011-Apr-01	13/639877	2013-Feb-21	US 9151469	2015-Oct-06	9151469	2031-Apr-01
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US	2012-Mar-12	13/417622	2012-Jul-05	US 8816602	2014-Aug-26	8816602	2032-Mar-12
US	2012-Apr-02	14/042751	2015-Apr-02	US 2015092419			2032-Apr-02
US	2012-Jun-04	13/487305	2012-Sep-20	US 8575786	2013-Nov-05	8575786	2032-Jun-04
US	2012-Oct-15	13/651777	2013-Feb-14	US 8672519	2014-Mar-18	8672519	2032-Oct-15
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US	2013-Mar-06	13/786585	2013-Jul-18	US 9060398	2015-Jun-16	9060398	2025-Jun-03
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LEGEND

CTY	Country Code as used by WIPO
App. No.	Number of the patent application at the respective patent office
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Pub. No.	Publication Number
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Grant No.	Grant Number
Grant Date	Grant Date
Expiry Date	Estimated Expiry Date*

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

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