

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

CTY	Fil. Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date
AT	1999-Sep-03	03011110.8	2004-Feb-25	1391650	2014-Feb-26	1391650	2019-Sep-03
AT	2000-Nov-20	05076817.5	2005-Dec-28	1610593	2015-Jul-08	1610593	2020-Nov-20
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BR	2007-Oct-11	PI0717788-7					2027-Oct-11

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BR	2007-Oct-31	PI 0718151-5	2013-Nov-05	0718151-5-A			2027-Oct-31
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CH	2006-May-24	06765708.0			2009-Mar-18	1889519	2026-May-24
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CN	1998-Jan-22	98800051.2	1999-May-05	1216094-A	2003-Apr-30	98800051.2	2018-Jan-22

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CN	1998-Jul-16	98801403.3	2000-Jan-12	1241349-A	2005-Mar-09	98801403.3	2018-Jul-16
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GB	2006-Apr-19	06727966.1	2006-Nov-02	1878319 -A	2011-Nov-02	1878319	2026-Apr-19

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GB	2009-Jul-22	09786664.4	2011-May-11	2319275A	2013-Nov-20	2319275	2029-Jul-22

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JP	2007-Jan-10	08-550883			2013-Mar-29	5231248	2027-Jan-10
JP	2007-Jan-26	08-551939	2009-Jul-09	09525595-A	2013-Aug-02	5329235	2027-Jan-26
JP	2007-Mar-02	08-558950			2014-Feb-14	5474357	2027-Mar-02
JP	2007-Mar-02	2008-557867			2012-Dec-07	5148515	2027-Mar-02
JP	2007-Apr-20	2009-508558	2009-Oct-01	2009-535833A	2014-Mar-07	5491855	2027-Apr-20
JP	2007-May-02	2009-508612	2009-Oct-01	2009-536779A	2013-Jan-25	5185257	2027-May-02
JP	2007-Jun-19	2009-517512			2013-Feb-15	5198445	2027-Jun-19
JP	2007-Jun-20	2009-517521	2009-Dec-03	2009-543280	2013-Jun-21	5295106	2027-Jun-20
JP	2007-Jun-21	09-516049	2009-Nov-26	2009-541929	2013-Feb-15	5198442	2027-Jun-21
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

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JP	2007-Sep-18	09-529809			2014-Jan-10	5451392	2027-Sep-18
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JP	2007-Oct-11	09-531966			2014-Apr-11	5519284	2027-Oct-11
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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
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JP	2008-Mar-19	10-500398			2013-Sep-13	5362698	2028-Mar-19
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JP	2008-Apr-04	10-501646			2013-Aug-30	5349453	2028-Apr-04
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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
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JP	2008-Aug-06	2010-519558	2010-Nov-25	2010-536139-A	2015-Jul-31	5785393	2028-Aug-06
JP	2008-Aug-14	10-520668			2014-Mar-07	5490694	2028-Aug-14
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JP	2012-Apr-02	2014-501671					2032-Apr-02

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KR	2005-Mar-14	10-2006-7021272			2012-Sep-07	10-1182674	2025-Mar-14
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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-Jul-18	10-2007-7004351			2012-Oct-05	10-1190214	2025-Jul-18
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KR	2005-Nov-24	10-2007-7014805			2013-Nov-07	10-1329258	2025-Nov-24
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
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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
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KR	2006-Dec-06	10-2008-7017076			2014-Nov-28	10-1468901	2026-Dec-06
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KR	2007-Jan-10	10-2008-7020167			2014-Feb-27	10-1370368	2027-Jan-10
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-Jun-21	10-2009-7001463			2013-Aug-28	10-1303360	2027-Jun-21
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	10-2009-7009080			2013-Dec-19	10-1345354	2027-Sep-20
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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
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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-11	10-2009-7014433					2027-Dec-11
KR	2007-Dec-12	10-2009-7014503					2027-Dec-12
KR	2008-Apr-15	10-2009-7024277					2028-Apr-15
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					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-May-09	10-2009-7026170			2015-Oct-28	10-1565605	2028-May-09
KR	2008-Jul-21	10-2010-7003857					2028-Jul-21
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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
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KR	2009-Apr-03	10-2010-7024814	2010-Dec-28	2010-0136536			2029-Apr-03
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KR	2010-Jul-14	10-2012-7004881					2030-Jul-14
KR	2010-Oct-07	10-2012-7011827	2012-Jul-24	2012-0082912			2030-Oct-07
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-Nov-27	MX/A/09/005600			2013-Apr-22	308889	2027-Nov-27
MX	2007-Dec-07	2009/005915			2011-Aug-15	289327	2027-Dec-07
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	0890059-A1	2004-Jun-23	0890059	2018-Jan-22
NL	1998-Jul-28	98937339.4	2000-May-17	EP1000295	2014-Jul-23	1000295	2018-Jul-28
NL	1999-Sep-03	99943116.6			2003-Nov-05	1110198	2019-Sep-03
NL	1999-Sep-03	03011110.8	2004-Feb-25	1391650	2014-Feb-26	1391650	2019-Sep-03
NL	1999-Sep-08	99969780.8	2000-Nov-02	1047904-A1	2013-Apr-24	1047904	2019-Sep-08
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NL	2002-Jun-21	02738518.6			2008-Dec-10	1405551	2022-Jun-21
NL	2003-May-09	03736588.9			2008-Dec-03	1502483	2023-May-09
NL	2003-Aug-28	03791823.2			2010-Jan-13	1535495	2023-Aug-28
NL	2004-Apr-21	04760087.9	2006-Feb-01	1620843	2015-Sep-02	1620843	2024-Apr-21
NL	2005-Sep-19	05783602.5	2007-Jul-11	1805452	2014-Apr-23	1805452	2025-Sep-19

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NL	2006-Apr-03	06716702.3	2007-Nov-29	1869365	2013-Jun-12	1869365	2026-Apr-03
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NL	2006-Dec-13	06842469.6	2008-Sep-10	1966624	2011-Jun-29	1966624	2026-Dec-13
NL	2006-Dec-13	11155525.6	2011-May-25	2325670-A			2026-Dec-13
NL	2007-Apr-20	07735597.2	2009-Jan-21	2016804-A	2011-Jun-29	2016804	2027-Apr-20
NL	2007-Sep-20	07826476.9			2011-Mar-02	2074866	2027-Sep-20
NL	2007-Oct-19	07861452.6	2009-Aug-12	2087776A	2014-Dec-10	2087776	2027-Oct-19
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US	1998-Dec-17	09/213540	2001-Oct-11	2001-0028227-A1	2004-Apr-13	6720745	2017-Aug-26
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US	1999-Jun-15	09/333739	2003-Apr-24	2003-0076281-A1	2008-Apr-01	7352339	2017-Dec-25
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Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement
List of Patents

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LEGEND

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App. No.	Number of the patent application at the re: Filing Date
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Pub. Date	Publication Date
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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