



Test Report issued under the responsibility of:
PL-3 - ITE PREDOM Division

TEST REPORT
IEC 60598-2-3
Luminaires
Part 2: Particular requirements
Section 3: Luminaires for road and street lighting

Report Number : **BS-3/134/B/19/M1**
Date of issue : Original Report Reference No. BS-3/134/B/19 + Attachment No. 1 (EU Group Differences and National Differences Report Reference No. 1 BS-3/134/B/1/19): 09.01.2020
Amendment No. 1 Report Reference BS-3/131/B/19/M1 + Attachment No. 1 (EU Group Differences and National Differences Report Reference No. BS-3/131/B/1/19/M1): 14.12.2020
Total number of pages : Original Report Reference No. BS-3/134/B/19: 71 pages + Attachment No. 1 (EU Group Differences and National Differences Report Reference No. 1 BS-3/134/B/1/19 - 1 pages)
Amendment No. 1 Report Reference BS-3/134/B/19/M1: 110 pages + Attachment No. 1 (EU Group Differences and National Differences Report Reference No. BS-3/134/B/1/19/M1 - 1 page)

Name of Testing Laboratory preparing the Report : Łukasiewicz - IMiF PREDOM Division
02-255 Warszawa, ul. Krakowiaków 53, Poland

Applicant's name : **LUG Light Factory Sp. z.o.o.**
Address : **65-127 Zielona Góra, ul. Gorzowska 11, Poland**

Test specification:

Standard : IEC 60598-2-3:2002, AMD1:2011 used in conjunction with IEC 60598-1:2014, AMD1:2017
Test procedure : CB Scheme
Non-standard test method : N/A

Test Report Form No. : IEC60598_2_3L
Test Report Form(s) Originator : Intertek Semko AB
Master TRF : Dated 2018-03-09

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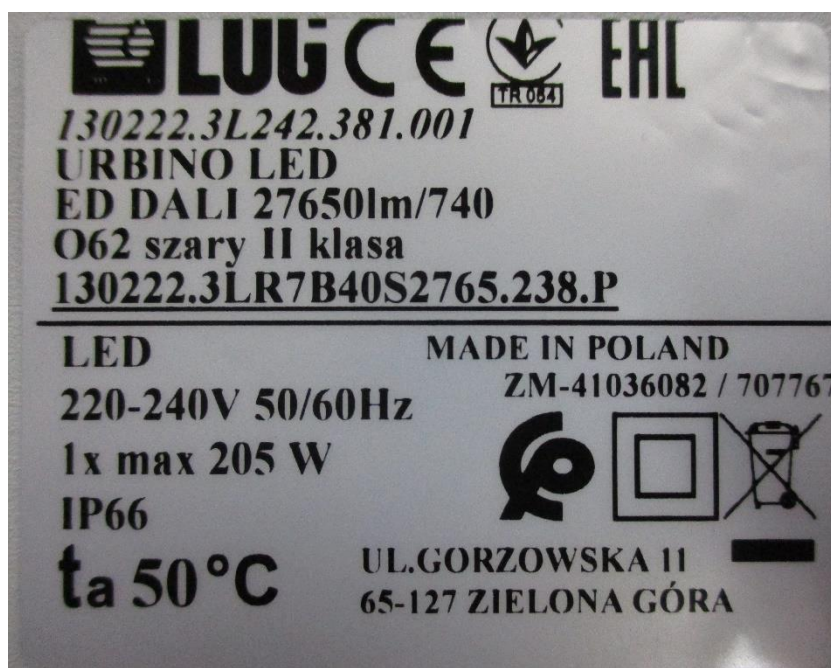
General disclaimer:

The test results presented in this report relate only to the object tested.
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Test item description	Luminaires for road and street lighting	
Trade Mark	LUG	
Manufacturer	LUG Light Factory Sp. z.o.o. ul. Gorzowska 11; 65-127 Zielona Góra - Poland	
Model/Type reference	URBINO LED family cl. II – series – see also “General product information”	
Ratings	220-240V 50/60 Hz, IP66, – details see pages 6 - 52	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
<input checked="" type="checkbox"/>	CB Testing Laboratory:	Łukasiewicz - IMiF PREDOM Division
	Testing location/ address	02-255 Warszawa, ul. Krakowiaków 53, Poland
	Tested by (name, function, signature)	J. Śmigrodzki 
	Approved by (name, function, signature) ...	T. Małyska 
	Supervised by (+ signature)	A. Piotrowski 
<input type="checkbox"/>	Testing procedure: CTF Stage 1:	
	Testing location/ address	
	Tested by (name, function, signature)	
	Approved by (name, function, signature) ...	
<input type="checkbox"/>	Testing procedure: CTF Stage 2:	
	Testing location/ address	
	Tested by (name + signature)	
	Witnessed by (name, function, signature) .:	
	Approved by (name, function, signature) ...	
<input type="checkbox"/>	Testing procedure: CTF Stage 3:	
<input type="checkbox"/>	Testing procedure: CTF Stage 4:	
	Testing location/ address	
	Tested by (name, function, signature)	
	Witnessed by (name, function, signature) .:	
	Approved by (name, function, signature) ...	
	Supervised by (name, function, signature) :	

<p>List of Attachments (including a total number of pages in each attachment):</p> <ul style="list-style-type: none"> - Attachment No. 1 (Report Reference No. BS-3/134/B/1/19/M1 - 1 page) 	
<p>Summary of testing: Positive</p>	
<p>Tests performed (name of test and test clause): IEC 60598-2-3:2002, AMD1:2011 used in conjunction with IEC 60598-1:2014, AMD1:2017–all clauses.</p>	<p>Testing location: Łukasiewicz - IMiF PREDOM Division 02-255 Warszawa, ul. Krakowiaków 53, Poland</p>
<p>Summary of compliance with National Differences: P</p> <p>List of countries addressed See Attachment No. 1 to this Test Report (Report Reference No. BS-3/134/B/1/19/M1 - 1 page)</p> <p><input checked="" type="checkbox"/> The product fulfils the requirements of EN 60598-2-3:2003, AMD1:2011 used in conjunction with EN 60598-1:2015, AMD1:2018</p>	

Copy of marking plate (example):



Test item particulars	Luminaire for road and street lighting
Classification of installation and use	Normal use
Supply Connection	Connector
..... :	
Possible test case verdicts:	
- test case does not apply to the test object	
N/A	
- test object does meet the requirement	
P (Pass)	
- test object does not meet the requirement	
F (Fail)	
Testing	
Date of receipt of test item	
25.11.2020	
Date (s) of performance of tests	
25.11.2020 - 14.12.2020	
General remarks:	
"(See Enclosure #)" refers to additional information appended to the report.	
"(See appended table)" refers to a table appended to the report.	
Throughout this report a <input checked="" type="checkbox"/> comma / <input type="checkbox"/> point is used as the decimal separator.	
Clause numbers between brackets refer to clauses in IEC 60598-1	
Manufacturer's Declaration per sub-clause 4.2.5 of IEC 02:	
The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided..... :	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not applicable
When differences exist; they shall be identified in the General product information section.	
Name and address of factory (ies)	LUG Light Factory Sp z o.o. ul. Gorzowska 11 65-127 Zielona Góra Poland

General product information:

In the original Test Report No. BS-3/134/B/19 dated 09.01.2020, luminaires for road and street lighting URBINO LED family cl. II – series have been evaluated.

Amendment No.1 to Test Report No. BS-3/134/B/19/M1 dated 14.12.2020:

The original Test Report No. BS-3/134/B/19 dated 09.01.2020 was modified on 14.12.2020.

Scope of modifications of this Test Report:

1. Choice sheet have been modified.

old:

3. 5L - Type of power supply:
2L - DIMM 1-10V
3L – DALI
5L – on-off
6L – on-off / DALI
7L/PL – programmable

new:

3. 3L - Type of power supply:
2L - DIMM 1-10V
3L – DALI
5L – on-off
6L – on-off / DALI
7L/PL – programmable

old:

4. R8 - CRI:
R7 = 70-79
R8 = 80-89
R9 = 90-99

new:

4. R7 - CRI:
R7 = 70-79
R8 = 80-89
R9 = 90-99

old:

5. B40 - Color temperature:
B22 = 2200K
B27 = 2700K
B30 = 3000K
B40 = 4000K
B57 = 5700K
B65 = 6500K

new:

5. B40 - Color temperature:
B22 = 2200K
B27 = 2700K
B30 = 3000K
B40 = 4000K

old:		
6. S305	-	Max. luminous flux (e.g. S305 = 3050lm)
new:		
6. S3600	-	Max. luminous flux (e.g. S3600 = 36000lm)
old:		
8. 10	-	<p>Optic:</p> <ul style="list-style-type: none"> 01 O2 - to expressways 02 O3 - to municipal roads 03 O4 - to city roads 04 O5 - to housing estate roads 05 O6P - for pedestrian crossings, right-hand traffic 09 O6L - for pedestrian crossings, left-hand traffic 06 O7 - for area lighting 08 O8 - to municipal and municipal roads 10 O26 - for wet surfaces 12 O33 - to expressways 13 O34 - to municipal roads 14 O35 - to city roads 15 O36 - to residential roads 16 O37P - for pedestrian crossings, right-hand traffic 17 O37L - for pedestrian crossings, left-hand traffic 18 O38 - for area lighting 19 O39 - to city and commune roads 20 O40 - for wet surfaces 30 O13 - to expressways 31 O14 - to municipal roads 32 O15 - to city roads 33 O16 - to housing estate roads XX OXX – for investment optics
new:		
8. 38	-	<p>Optic:</p> <ul style="list-style-type: none"> 1 O1 - to highways 2 O2 - to expressways 3 O3 - to municipal roads 4 O4 - to city roads 5 O5 - to housing estate roads 7 O7 - for area lighting 8 O8 - to city and commune roads 10 O50 - to expressways 11 O51 - to municipal roads 12 O52 - to city roads 13 O53 - to housing estate roads 14 O54 - for area lighting 15 O55 - to city and commune roads 18 O58 – to express roads 19 O59 – to local roads 20 O60 - to town roads 21 O61 - to residential area roads 22 O62 - to area lighting 23 O63 - to town and local roads 24 O64 - to municipal and residential area roads

25 O65 - to express roads
 26 O66 - to local roads
 27 O67 - to town roads
 28 O68 - to residential area roads
 29 O69 - to area lighting
 30 O70 - to town and local roads
 31 O71 - to municipal and residential area roads
 32 O72 - to street lighting
 33 O73 - to street lighting
 34 O74 - to street lighting
 35 O75 - to street lighting
 36 O76 - to street lighting
 37 O77 - to street lighting
 38 O78 - to street lighting
 39 O79 - to street lighting
 40 O80 - to street lighting
 41 O81 - to street lighting
 42 O82 - to street lighting
 43 O83 - to street lighting
 44 O84 - to street lighting
 45 O85 - to street lighting
 46 O86 - to street lighting
 47 O87 - to street lighting
 48 O88 - to street lighting
 49 O89 - to street lighting
 50 O90 - to street lighting
 51 O91 - to street lighting
 52 O92 - to street lighting
 53 O93 - to street lighting
 54 O94 - to street lighting
 55 O95 - to street lighting
 56 O96 - to street lighting
 57 O97 - to street lighting
 58 O98 - to street lighting
 59 O99 - to street lighting
 XX OXX – for investment optics

old:

9. W.P

- Additional equipment:
 A - additional corrosion protection
 B - Tool-free access to the LED Driver
 U - ø76mm pole
 N - NEMA Socket
 Z - ZHAGA Socket
 T - NTC Sensor
 W - Twilight Sensor
 V - Surge Device Protector 10kV
 P- Anti pressure vent
 I - iBloc (“URBAN” smart city system)
 K - Knife switch connector

new:

9. N.P

- Additional equipment:
 - A - additional corrosion protection
 - B - Tool-free access to the LED Driver
 - U - $\varnothing 76$ mm pole
 - N - NEMA Socket
 - Z - ZHAGA Socket
 - T - NTC Sensor
 - W - Twilight Sensor
 - V - Surge Device Protector 10kV
 - P- Anti pressure vent
 - I - iBloc ("URBAN" smart city system)
 - K - Knife switch connector

2. New components have been added:

LED module

old

ML1401010.W740.03A
 ML1500300.W740.02A
 ML1500301.W740.05A
 ML1500301.W765.04A
 ML1500301.W740.04A
 ML1500302.W740.03A
 ML1701400.W730.01A
 ML1701400.W740.01A
 ML1701401.W730.02A
 ML1701401.W740.02A
 ML1701401.W730.01A
 ML1701402.W730.01A
 ML1701403.W730.01A
 ML1924107.W740.01A
 ML1924106.W740.01A
 ML1924105.W740.01A
 ML1924108.W740.01A

new:

ML1401700.W740.03A
 ML1401700.W740.03B
 ML1401700.W740.03C
 ML1401701.W740.03A
 ML1401701.W740.03B
 ML1401701.W740.03C
 ML1302080.W740.03A
 ML1302080.W740.03B
 ML1302080.W740.03C
 ML1302090.W740.03A
 ML1302090.W740.03B
 ML1302090.W740.03C
 ML1924900.W730.01A
 ML1924900.W730.01B
 ML1924900.W730.01C
 ML1924900.W740.01A
 ML1924900.W740.01B
 ML1924900.W740.01C

ML1924901.W730.01A
ML1924901.W730.01B
ML1924901.W730.01C
ML1924901.W740.01A
ML1924901.W740.01B
ML1924901.W740.01C
ML1924902.W730.01A
ML1924902.W730.01B
ML1924902.W730.01C
ML1924902.W740.01A
ML1924902.W740.01B
ML1924902.W740.01C
ML1701405.W730.01A
ML1701405.W730.01B
ML1701405.W730.01C
ML1701405.W740.01A
ML1701405.W740.01B
ML1701405.W740.01C
ML2027100.W722.01A
ML2027100.W722.01B
ML2027100.W722.01C
ML2027100.W727.01A
ML2027100.W727.01B
ML2027100.W727.01C
ML2027100.W730.01A
ML2027100.W730.01B
ML2027100.W730.01C
ML2027100.W740.01A
ML2027100.W740.01B
ML2027100.W740.01C
ML2027101.W722.01A
ML2027101.W722.01B
ML2027101.W722.01C
ML2027101.W727.01A
ML2027101.W727.01B
ML2027101.W727.01C
ML2027101.W730.01A
ML2027101.W730.01B
ML2027101.W730.01C
ML2027101.W740.01A
ML2027101.W740.01B
ML2027101.W740.01C
ML2027102.W722.01A
ML2027102.W722.01B
ML2027102.W722.01C
ML2027102.W727.01A
ML2027102.W727.01B
ML2027102.W727.01C
ML2027102.W730.01A
ML2027102.W730.01B
ML2027102.W730.01C
ML2027102.W740.01A
ML2027102.W740.01B
ML2027102.W740.01C
ML2027103.W722.01A
ML2027103.W722.01B
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ML2027103.W740.01C
ML1500300.W740.02A
ML1500300.W740.02B
ML1500300.W740.02C
ML1500301.W740.05A
ML1500301.W740.05B
ML1500301.W740.05C
ML1500301.W765.04A
ML1500301.W765.04B
ML1500301.W765.04C
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ML1500301.W740.04B
ML1500301.W740.04C
ML1401010.W740.03A
ML1401010.W740.03B
ML1401010.W740.03C
ML1500302.W740.03A
ML1500302.W740.03B
ML1500302.W740.03C
ML1701400.W730.01A
ML1701400.W730.01B
ML1701400.W730.01C
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ML1701401.W730.02B
ML1701401.W730.02C
ML1701401.W740.02A
ML1701401.W740.02B
ML1701401.W740.02C
ML1701401.W730.01A
ML1701401.W730.01B
ML1701401.W730.01C
ML1701402.W730.01A
ML1701402.W730.01B
ML1701402.W730.01C
ML1701403.W730.01A
ML1701403.W730.01B
ML1701403.W730.01C
ML1924107.W740.01A
ML1924107.W740.01B
ML1924107.W740.01C
ML1924106.W740.01A
ML1924106.W740.01B
ML1924106.W740.01C
ML1924105.W740.01A
ML1924105.W740.01B
ML1924105.W740.01C
ML1924108.W740.01A
ML1924108.W740.01B

ML1924108.W740.01C
ML2027200.W722.01A
ML2027200.W722.01B
ML2027200.W722.01C
ML2027200.W727.01A
ML2027200.W727.01B
ML2027200.W727.01C
ML2027200.W730.01A
ML2027200.W730.01B
ML2027200.W730.01C
ML2027200.W740.01A
ML2027200.W740.01B
ML2027200.W740.01C
ML2027201.W722.01A
ML2027201.W722.01B
ML2027201.W722.01C
ML2027201.W727.01A
ML2027201.W727.01B
ML2027201.W727.01C
ML2027201.W730.01A
ML2027201.W730.01B
ML2027201.W730.01C
ML2027201.W740.01A
ML2027201.W740.01B
ML2027201.W740.01C
ML2027202.W722.01A
ML2027202.W722.01B
ML2027202.W722.01C
ML2027202.W727.01A
ML2027202.W727.01B
ML2027202.W727.01C
ML2027202.W730.01A
ML2027202.W730.01B
ML2027202.W730.01C
ML2027202.W740.01A
ML2027202.W740.01B
ML2027202.W740.01C
ML2027203.W722.01A
ML2027203.W722.01B
ML2027203.W722.01C
ML2027203.W727.01A
ML2027203.W727.01B
ML2027203.W727.01C
ML2027203.W730.01A
ML2027203.W730.01B
ML2027203.W730.01C
ML2027203.W740.01A
ML2027203.W740.01B
ML2027203.W740.01C

Control gear

OT 165/220...240/1A0 1DIM G2 CE
OT 165/170...240/1A0 4DIMLT2 G2 CE
LCO 200W 200–1050mA 355V pD+ NFC C PRE3
LCO 135W 200–1050mA 220V pD+ NFC C PRE3
LCO 90W 200–1050mA 165V pD+ NFC C PRE3
OT 75/UNV/1A0 2DIM P7
OT 100/UNV/1A0 2DIM P7

OT 150/UNV/1A0 2DIM P7
 OT 200/UNV/1A0 2DIM P7
 OT 240/UNV/1A0 2DIM P7
 OT 320/UNV/1A1 2DIM P7
 OT 100/ 220-240/1A4 2DIM P7
 OT 150/ 220-240/1A4 2DIM P7
 OT 200/ 220-240/1A4 2DIM P7
 OT 240/ 220-240/1A0 2DIM P7
 EUM – 100S
 EUM – 150S
 EUM – 200S
 EUM – 240S

Wires LED

H05V-K

Knife switch (connector)

M29 / M29 mini

3. Completed list of LED's and electronic led driver's system – details see pages 17 - 52

ML1401700.XXX
 ML1401701.XXX
 ML1302080.XXX
 ML1302090.XXX
 ML1924902.XXX
 ML1924900.XXX
 ML1924901.XXX
 ML1701405.XXX
 ML2027100.XXX
 ML2027101.XXX
 ML2027102.XXX
 ML2027103.XXX
 ML2027202.XXX
 ML2027203.XXX
 ML2027200.XXX
 ML2027201.XXX

OT 165/220...240/1A0 1DIM G2 CE
 OT 165/170...240/1A0 4DIMLT2 G2 CE
 LCO 200W 200–1050mA 355V pD+ NFC C PRE3
 LCO 135W 200–1050mA 220V pD+ NFC C PRE3
 LCO 90W 200–1050mA 165V pD+ NFC C PRE3
 OT 75/UNV/1A0 2DIM P7
 OT 100/UNV/1A0 2DIM P7
 OT 150/UNV/1A0 2DIM P7
 OT 200/UNV/1A0 2DIM P7
 OT 240/UNV/1A0 2DIM P7
 OT 320/UNV/1A1 2DIM P7
 OT 100/ 220-240/1A4 2DIM P7
 OT 150/ 220-240/1A4 2DIM P7
 OT 200/ 220-240/1A4 2DIM P7
 OT 240/ 220-240/1A0 2DIM P7
 EUM – 100S
 EUM – 150S
 EUM – 200S
 EUM – 240S

The choice sheet has been modified. List of system configuration have been revised.

After review of the construction, the additional tests for all clauses according to IEC 60598-2-3:2002, AMD1:2011 used in conjunction with IEC 60598-1:2014, AMD1:2017 were considered necessary.

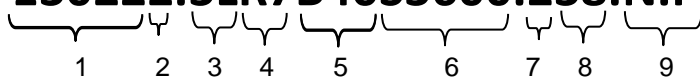
Also the tests related to differences derive from EN 60598-2-3:2003, A1:2011 used in conjunction with EN 60598-1:2015, A1:2018 were considered necessary (see Attachment No.1 to this test Report No. (BS-3/134/B/1/19/M1).

Name and address of the license holder:	LUG Light Factory Sp. z o.o. ul. Gorzowska 11, 65-127 Zielona Góra - Poland
Address of the factory:	LUG Light Factory Sp. z o.o. ul. Gorzowska 11, 65-127 Zielona Góra - Poland
Name of product:	Luminaires for road and street lighting
Type (model):	URBINO LED family cl. II - series
Trade mark :	LUG
Technical data:	
rated voltage	220 - 240V
rated frequency	50 / 60Hz
protection against electric shock	class II
degree of protection	IP 66; IK09
ta	(-40°C / -30°C)* to 50°C * - depending on the control gear used

Choice sheet of the luminaires URBINO LED cl II - series:

Example of symbol:

130222.3LR7B40S3600.238.N.P



Designations used on the marking of luminaires (some designation may not appear in the name) :

- 1. 13022** - Code of the series (URBINO)
- 2. 2** - Color:
2: grey
5: graphite
0: another
- 3. 3L** - Type of power supply:
2L - DIMM 1-10V
3L – DALI
5L – on-off
6L – on-off / DALI
7L/PL – programmable
- 4. R7** - CRI:
R7 = 70-79
R8 = 80-89
- 5. B40** - Color temperature:
B22 = 2200K
B27 = 2700K
B30 = 3000K
B40 = 4000K

6. S3600	- Max. luminous flux (e.g. S3600 = 36000lm)
7. 2	- Safety Class II
8. 38	- Optic: 01 O2 - for expressways 02 O3 - for municipal roads 03 O4 - for city roads 04 O5 - for residential roads 05 O6P - for pedestrian crossings, right-hand traffic 09 O6L - for pedestrian crossings, left-hand traffic 06 O7 - for area lighting 08 O8 - for city and commune roads 10 O26 - for wet surfaces 12 O33 - for expressways 13 O34 - to municipal roads 14 O35 - for city roads 15 O36 - for residential roads 16 O37P - for pedestrian crossings, right-hand traffic 17 O37L - for pedestrian crossings, left-hand traffic 18 O38 - for area lighting 19 O39 - for city and commune roads 20 O40 - for wet surfaces 30 O13 - for expressways 31 O14 - to municipal roads 32 O15 - for city roads 33 O16 - to residential roads 35 O59 - for municipal roads 36 O60 - for city roads 37 O61 - for residential roads 38 O62 - for expressways 39 O63 - for local roads 40 O64 - for city roads 41 O65 - for residential roads 42 O66 - for pedestrian crossings, left-hand traffic 43 O67 - for pedestrian crossings, right-hand traffic 44 O68 - for area lighting 45 O69 - for city and commune roads 46 O70 - for wet surfaces 47 O71 - for road lighting 48 O72 - for road lighting 49 O73 - for road lighting 50 O74 - for road lighting 51 O75 - for road lighting 52 O76 - for road lighting 53 O77 - for road lighting 54 O78 - for road lighting 55 O79 - for road lighting 56 O80 - for road lighting 57 O81 - for road lighting 58 O82 - for road lighting 59 O83 - for road lighting 60 O84 - for road lighting 61 O85 - for road lighting 62 O86 - for road lighting 63 O87 - for road lighting 64 O89 - for road lighting 65 O90 - for road lighting 66 O91 - for road lighting 67 O92 - for road lighting 68 O93 - for road lighting

9. N.P

69 O94 - for road lighting
70 O95 - for road lighting
71 O96 - for road lighting
72 O97 - for road lighting
73 O98 - for road lighting
74 O99 - for road lighting
XX OXX – for investment optics

- Additional equipment
- A - additional corrosion protection
- B - Tool-free access to the LED Driver
- U – ø76mm pole
- N - NEMA Socket
- Z - ZHAGA Socket
- T - NTC Sensor
- W - Twilight Sensor
- V - Surge Device Protector 10kV
- P- Anti pressure vent
- I - iBloc (“URBAN” smart city system)
- K - Knife switch connector

List of LED's and electronic led driver's system:

Driver's						Module's						
						ML1401700.XXX	ML1401701.XXX	ML1302080.XXX	ML1302090.XXX	ML1924902.XXX	ML1924900.XXX	ML1924901.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	79	79	118	118	161	166	242
Osram OT 165/170-240/1A0 4DIMLT2 E	165	90	285	1050	-40...+55°C	-	-	-	-	compatible	compatible	compatible
Osram OT 60/170-240/1A0 4DIMLT2 E	60	30	115	1050	-40...+55°C	compatible	compatible	-	-	-	-	-
OT180W/UNV/800C/2DIMLT2/P6	180	82	280	800	-40...+55°C	-	-	compatible	compatible	compatible	compatible	compatible
OT100W/UNV/800C/2DIMLT2/P6	100	50	185	800	-40...+55°C	compatible	compatible	compatible	compatible	compatible	compatible	-
OT 110/170...240/1A0 1DIMLT2 G1 CE	110	80	220	1050	-40...+55°C	-	-	compatible	compatible	compatible	compatible	-
OT 20/170-240/1A0 1DIM LT2 G1 CE	22	10	38	1050	-40...+60°C	-	-	-	-	-	-	-
OT 40/170-240/1A0 1DIM LT2 G1 CE	40	15	56	1050	-40...+60°C	-	-	-	-	-	-	-
OT 75/170...240/1A0 1DIMLT2 G1 CE	75	35	115	1050	-40...+55°C	compatible	compatible	-	-	-	-	-
Philips Xi Dim 250W 0.7A 1-10V 230V	250	178	357	700	-40...+55°C	-	-	-	-	-	-	compatible
Philips Xi LP 150W 0.3-1.0A S1 230V S240 sXt	150	70	214	1050	-40...+55°C	-	-	compatible	compatible	compatible	compatible	-
Tridonic LCA 120W 300-1050mA 1-10V ADV	120	40	114	1050	-30...+55°C	compatible	compatible	-	-	-	-	-
Tridonic LCA 75W 250-750mA one4all C	75	45	130	750	-40...+70°C	compatible	compatible	compatible	compatible	-	-	-
Tridonic LCA 120W 350-1050mA o	120	105	320	1050	-40...+70°C	-	-	-	-	compatible	compatible	compatible
Tridonic LCA 160W 350-1050mA o	160	105	320	1050	-40...+70°C	-	-	-	-	compatible	compatible	compatible
OT DX 40/220...240/1A0 DIMA LT2 E	40	15	56	1050	-40...+55°C	-	-	-	-	-	-	-
OT DX 75/220...240/1A0 DIMA LT2 E	75	35	115	1050	-40...+55°C	compatible	compatible	-	-	-	-	-
OT DX 110/220...240/1A0 DIMA LT2 E	110	75	220	1050	-40...+55°C	-	-	compatible	compatible	compatible	compatible	-
OT DX 165/220...240/1A0 DIMA LT2 E	165	130	260	1050	-40...+55°C	-	-	-	-	-	-	compatible
OT 20/170...240/1A0 4DIMLT2 G2 CE	20	10	38	1050	-40...+60°C	-	-	-	-	-	-	-
OT 40/170...240/1A0 4DIMLT2 G2 CE	40	15	56	1050	-40...+60°C	-	-	-	-	-	-	-

Driver's						Module's						
						ML1401700.XXX	ML1401701.XXX	ML1302080.XXX	ML1302090.XXX	ML1924902.XXX	ML1924900.XXX	ML1924901.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	79	79	118	118	161	166	242
OT 75/170...240/1A0 4DIMLT2 G2 CE	75	35	115	1050	-40...+55°C	compatible	compatible	-	-	-	-	-
OT 110/170...240/1A0 4DIMLT2 G2 CE	110	80	220	1050	-40...+60°C	-	-	compatible	compatible	compatible	compatible	-
OT 20/170...240/1A0 1DIMLT2 G1 CE	20	10	38	1050	-40...+55°C	-	-	-	-	-	-	-
OT 40/170...240/1A0 1DIMLT2 G1 CE	40	15	56	1050	-40...+60°C	-	-	-	-	-	-	-
OT 110/170...240/1A0 1DIMLT2 G1 CE	110	80	220	1050	-40...+55°C	-	-	compatible	compatible	compatible	compatible	-
OT 40/120...277/1A0 4DIMLT2 E	40	15	56	1050	-40...+60°C	-	-	-	-	-	-	-
OT 60/170...240/1A0 4DIMLT2 E	60	30	115	1050	-40...+60°C	compatible	compatible	-	-	-	-	-
OT 90/170...240/1A0 4DIMLT2 E	90	57	186	1050	-40...+55°C	compatible	compatible	compatible	compatible	compatible	compatible	-
OT 165/170...240/1A0 4DIMLT2 E	165	90	285	1050	-40...+55°C	-	-	-	-	compatible	compatible	compatible
OT 50/120...277/800 2DIMLT2 P	50	30	115	800	-40...+55°C	compatible	compatible	-	-	-	-	-
OT 50/120...277/1A2 2DIMLT2 P	50	20	55	1250	-40...+55°C	-	-	-	-	-	-	-
OT 100/120...277/800 2DIMLT2 P	100	50	186	800	-40...+55°C	compatible	compatible	compatible	compatible	compatible	compatible	-
OT 110/120...277/1A4 2DIMLT2 P	110	35	85	1400	-40...+55°C	compatible	compatible	-	-	-	-	-
OT 60/220...240/1A4 1DIMA P7	60	43	86	1400	-40...+55°C	compatible	compatible	-	-	-	-	-
OT 100/220...240/1A4 1DIMA P7	100	72	144	1400	-40...+55°C	-	-	compatible	compatible	-	-	-
OT 150/220...240/1A4 1DIMA P7	150	91	350	1400	-40...+55°C	-	-	-	-	compatible	compatible	compatible
OT 200/220...240/1A4 1DIMA P7	200	121	286	1400	-40...+55°C	-	-	-	-	-	compatible	compatible
Xitanium 40W 0.7A Prog+ GL-J sXt	40	29	57	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium 75W 0.35-0.70A GL Prog+ sXt	75	80	152	700	-40...+55°C	-	-	compatible	compatible	-	-	-
Xitanium 75W 0.1-1.05A Prog GL F sXt	75	36	75	1050	-40...+55°C	-	-	-	-	-	-	-
Xitanium 100W 0.7A Prog+ GL-Z sXt	100	71	143	700	-40...+55°C	-	-	compatible	compatible	-	-	-

Driver's						Module's						
						ML1401700.XXX	ML1401701.XXX	ML1302080.XXX	ML1302090.XXX	ML1924902.XXX	ML1924900.XXX	ML1924901.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	79	79	118	118	161	166	242
Xitanium 150W 0.1-1.05A Prog+ GL F sXt	150	70	148	1050	-40...+55°C	-	-	compatible	compatible	-	-	-
Xitanium 150W 0.35-0.70A GL Prog sXt	150	125	280	700	-40...+55°C	-	-	-	-	-	-	compatible
Xitanium 300W 1.5A Prog+ GL-R sXt	300	80	280	1050	-40...+55°C	-	-	compatible	compatible	compatible	compatible	compatible
Xi BP 12W 0.1-0.5A S 230V C100	12	13	39	500	-40...+55°C	-	-	-	-	-	-	-
Xi BP 22W 0.2-0.7A S 230V C123	22	16	48	700	-40...+55°C	-	-	-	-	-	-	-
Xi BP 40W 0.2-0.7A S 230V C123	40	25	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi BP 40W 0.3-1.0A S 230V C123	40	20	54	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 22W 0.2-0.7A S1 230V C123 sXt	22	16	48	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 22W 0.3-1.0A S1 230V C123 sXt	22	8	32	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 40W 0.2-0.7A S1 230V C123 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 40W 0.3-1.0A S1 230V C123 sXt	40	20	54	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 75W 0.2-0.7A S1 230V C133 sXt	75	50	150	700	-40...+55°C	compatible	compatible	compatible	compatible	-	-	-
Xi LP 75W 0.3-1.0A S1 230V C133 sXt	75	35	108	1000	-40...+55°C	compatible	compatible	-	-	-	-	-
Xi LP 75W 0.5-1.5A S1 230V C133 sXt	75	25	75	1500	-40...+55°C	-	-	-	-	-	-	-
Xi LP 110W 0.2-0.7A S1 230V C133 sXt	110	70	220	700	-40...+55°C	-	-	compatible	compatible	compatible	compatible	-
Xi LP 110W 0.3-1.0A S1 230V C133 sXt	110	50	160	1000	-40...+55°C	compatible	compatible	compatible	compatible	-	-	-
Xi LP 165W 0.2-0.7A S1 230V C170 sXt	165	100	300	700	-40...+55°C	-	-	-	-	compatible	compatible	compatible
Xi LP 165W 0.3-1.0A S1 230V C170 sXt	165	80	235	1000	-40...+55°C	-	-	compatible	compatible	compatible	compatible	-
Xi LP 165W 0.5-1.5A S1 230V C170 sXt	165	54	157	1500	-40...+55°C	compatible	compatible	compatible	compatible	-	-	-
Xi LP 22W 0.2-0.7A S1 230V S175 sXt	22	16	48	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 22W 0.3-1.0A S1 230V S175 sXt	22	8	32	1000	-40...+55°C	-	-	-	-	-	-	-

Driver's						Module's						
						ML1401700.XXX	ML1401701.XXX	ML1302080.XXX	ML1302090.XXX	ML1924902.XXX	ML1924900.XXX	ML1924901.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	79	79	118	118	161	166	242
Xi LP 40W 0.2-0.7A S1 230V S175 sXt	40	23	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 40W 0.2-0.7A SL 230V S175 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 40W 0.3-1.0A S1 230V S175 sXt	40	20	54	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 40W 0.3-1.0A SL 230V S175 sXt	40	20	54	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 40W 0.2-0.7A SN 230V S175 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 75W 0.2-0.7A S1 230V S240 sXt	75	50	150	700	-40...+55°C	compatible	compatible	compatible	compatible	-	-	-
Xi LP 75W 0.2-0.7A SL 230V S240 sXt	75	50	150	700	-40...+55°C	compatible	compatible	compatible	compatible	-	-	-
Xi LP 75W 0.3-1.0A S1 230V S240 sXt	75	35	108	1000	-40...+55°C	compatible	compatible	-	-	-	-	-
Xi LP 75W 0.3-1.0A SL 230V S240 sXt	75	35	108	1000	-40...+55°C	compatible	compatible	-	-	-	-	-
Xi LP 75W 0.2-0.7A SN 230V S240 sXt	75	50	150	700	-40...+55°C	compatible	compatible	compatible	compatible	-	-	-
Xi LP 75W 0.5-1.5A S1 230V S240 sXt	75	25	75	1500	-40...+55°C	-	-	-	-	-	-	-
Xi LP 150W 0.2-0.7A S1 230V S240 sXt	150	90	283	700	-40...+55°C	-	-	-	-	compatible	compatible	compatible
Xi LP 150W 0.2-0.7A SL 230V S240 sXt	150	90	283	700	-40...+55°C	-	-	-	-	compatible	compatible	compatible
Xi LP 150W 0.3-1.0A SL 230V S240 sXt	150	70	214	1000	-40...+55°C	-	-	compatible	compatible	compatible	compatible	-
Xi LP 150W 0.5-1.5A S1 230V S240 sXt	150	50	142	1500	-40...+55°C	compatible	compatible	compatible	compatible	-	-	-
Xi LP 150W 0.2-0.7A SN 230V S240 sXt	150	90	283	700	-40...+55°C	-	-	-	-	compatible	compatible	compatible
Xi FP 22W 0.2-0.7A SNLDAE 230V C123 sXt	22	16	48	700	-40...+55°C	-	-	-	-	-	-	-
Xi FP 22W 0.3-1.0A SNLDAE 230V C123 sXt	22	8	32	1000	-40...+55°C	-	-	-	-	-	-	-
Xi FP 40W 0.2-0.7A SNLDAE 230V C123 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi FP 40W 0.3-1.0A SNLDAE 230V C123 sXt	40	20	54	1000	-40...+55°C	-	-	-	-	-	-	-
Xi FP 70W 0.3-1.0A NLD C150 230V sXt	70	30	100	1000	-30...+60°C	compatible	compatible	-	-	-	-	-

Driver's						Module's						
						ML1401700.XXX	ML1401701.XXX	ML1302080.XXX	ML1302090.XXX	ML1924902.XXX	ML1924900.XXX	ML1924901.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	79	79	118	118	161	166	242
Xi FP 75W 0.2-0.7A SNLDAE 230V C133 sXt	75	50	150	700	-40...+55°C	compatible	compatible	compatible	compatible	-	-	-
Xi FP 75W 0.3-1.0A SNLDAE 230V C133 sXt	75	35	108	1000	-40...+55°C	compatible	compatible	-	-	-	-	-
Xi FP 75W 0.5-1.5A SNLDAE 230V C133 sXt	75	25	71	1500	-40...+55°C	-	-	-	-	-	-	-
Xi FP 100W 0.2-0.7A SNLDAE 230V C165 sXt	100	50	150	700	-40...+55°C	compatible	compatible	compatible	compatible	-	-	-
Xi FP 110W 0.2-0.7A SNLDAE 230V C133 sXt	110	70	220	700	-40...+55°C	-	-	compatible	compatible	compatible	compatible	-
Xi FP 110W 0.3-1.0A NLD C150 230V sXt	110	60	200	1000	-30...+60°C	-	-	compatible	compatible	compatible	compatible	-
Xi FP 110W 0.3-1.0A SNLDAE 230V C133 sXt	110	50	160	1000	-40...+55°C	compatible	compatible	compatible	compatible	-	-	-
Xi FP 165W 0.3-1.0A SNLDAE 230V C170 sXt	165	80	235	1000	-40...+55°C	-	-	compatible	compatible	compatible	compatible	-
Xi FP 165W 0.2-0.7A SNLDAE 230V C170 sXt	165	100	300	700	-40...+55°C	-	-	-	-	compatible	compatible	compatible
Xi FP 330W 0.2-0.75A SNDAE 230V C240 sXt	330	100	300	750	-40...+55°C	-	-	-	-	compatible	compatible	compatible
Xi FP 22W 0.2-0.7A SNLDAE 230V S175 sXt	22	16	48	700	-40...+55°C	-	-	-	-	-	-	-
Xi FP 22W 0.3-1.0A SNLDAE 230V S175 sXt	22	8	32	1000	-40...+55°C	-	-	-	-	-	-	-
Xi FP 40W 0.2-7.0A SNLDAE 230V S175 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi FP 40W 0.3-1.0A SNLDAE 230V S175 sXt	40	20	54	1000	-40...+55°C	-	-	-	-	-	-	-
Xi FP 75W 0.2-0.7A SNLDAE 230V S240 sXt	75	50	150	700	-40...+55°C	compatible	compatible	compatible	compatible	-	-	-
Xi FP 75W 0.3-1.0A SNLDAE 230V S240 sXt	75	35	108	1000	-40...+55°C	compatible	compatible	-	-	-	-	-
Xi FP 150W 0.2-0.7A SNLDAE 230V S240 sXt	150	90	283	700	-40...+55°C	-	-	-	-	compatible	compatible	compatible
Xi FP 150W 0.3-1.0A SNLDAE 230V S240 sXt	150	70	214	1000	-40...+55°C	-	-	compatible	compatible	compatible	compatible	-
Xi SR 12W 0.2-0.7A SNEMP 230V C133 sXt	12	8	32	700	-40...+55°C	-	-	-	-	-	-	-
Xi SR 22W 0.2-0.7A SNEMP 230V C133 sXt	22	16	48	700	-40...+55°C	-	-	-	-	-	-	-

Driver's						Module's						
						ML1401700.XXX	ML1401701.XXX	ML1302080.XXX	ML1302090.XXX	ML1924902.XXX	ML1924900.XXX	ML1924901.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	79	79	118	118	161	166	242
Xi SR 40W 0.2-0.7A SNEMP 230V C133 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi SR 75W 0.2-0.7A SNEMP 230V C150 sXt	75	50	150	700	-40...+55°C	compatible	compatible	compatible	compatible	-	-	-
Xi SR 75W 0.2-0.7A SNEMP 230V S240 sXt	75	50	150	700	-40...+55°C	compatible	compatible	compatible	compatible	-	-	-
Xi SR 110W 0.2-0.7A SNEMP 230V C150 sXt	110	70	220	700	-40...+55°C	-	-	compatible	compatible	compatible	compatible	-
Xi SR 150W 0.2-0.7A SNEMP 230V S240 sXt	150	90	283	700	-40...+55°C	-	-	-	-	compatible	compatible	compatible
Xitanium 100W 2.1-4.2A AOC 230V I220	100	12	48	4200	-40...+55°C	-	-	-	-	-	-	-
Xitanium 150W 2.5-4.9A AOC 230V I220	150	15	61	4900	-40...+55°C	-	-	-	-	-	-	-
Xitanium 200W 2.8-5.6A AOC 230V I250	200	18	71	5600	-40...+55°C	-	-	-	-	-	-	-
Xi LP 100W 0.3-1.05A S1 230V I175	100	46	143	1000	-40...+55°C	compatible	compatible	compatible	compatible	-	-	-
Xi LP 150W 0.3-1.05A S1 230V I175	150	72	214	1000	-40...+55°C	-	-	compatible	compatible	compatible	compatible	-
Xi LP 220W 0.3-1.05A S1 230V I230	220	104	314	1000	-40...+55°C	-	-	-	-	compatible	compatible	compatible
Xi LP 220W 0.5-1.5A S1 230V I230	220	73	210	1500	-40...+55°C	-	-	compatible	compatible	compatible	compatible	-
Xitanium Dim 35W 0.7A 1-10V TWE I175	35	18	50	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium Dim 100W 0.7A 1-10V TWE I220	100	71	143	700	-40...+55°C	-	-	compatible	compatible	-	-	-
Xitanium Dim 150W 0.7A 1-10V TWE I220	150	90	214	700	-40...+55°C	-	-	-	-	compatible	compatible	-
Xitanium 75W 0.7A TWE I175	75	40	117	700	-40...+55°C	compatible	compatible	-	-	-	-	-
Xitanium 150W 0.7A TWE I220	150	90	214	700	-40...+55°C	-	-	-	-	compatible	compatible	-
Xitanium 75W 1.05A 1-10V 230V C165 sXt	75	36	75	1000	-40...+55°C	-	-	-	-	-	-	-
Xitanium 75W 0.70A 1-10V 230V C165 sXt	75	52	107	700	-40...+55°C	compatible	compatible	-	-	-	-	-
Xitanium 150W 0.70A 1-10V 230V S240 sXt	150	100	214	700	-40...+55°C	-	-	-	-	compatible	compatible	-
Xitanium 150W 1.05A 1-10V 230V S240 sXt	150	72	150	1000	-40...+55°C	-	-	compatible	compatible	-	-	-

Driver's						Module's						
						ML1401700.XXX	ML1401701.XXX	ML1302080.XXX	ML1302090.XXX	ML1924902.XXX	ML1924900.XXX	ML1924901.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	79	79	118	118	161	166	242
Xitanium Dim 250W 0.70A 1-10V 230V Q	250	178	357	700	-40...+55°C	-	-	-	-	-	-	compatible
Xitanium Dim 75W 0.70A 1-10V 230V I220	75	52	107	700	-40...+55°C	compatible	compatible	-	-	-	-	-
Xitanium Dim 150W 0.70A 1-10V 230V I220	150	90	214	700	-40...+55°C	-	-	-	-	compatible	compatible	-
Xitanium Dim 250W 0.70A 1-10V 230V I220	250	178	357	700	-40...+55°C	-	-	-	-	-	-	compatible
Xitanium 75W 1-10V 230V C165	75	52	107	700	-40...+55°C	compatible	compatible	-	-	-	-	-
Xitanium 150W 1.05A 1-10V 230V S240 sXt	150	72	150	1050	-40...+55°C	-	-	compatible	compatible	-	-	-
Xitanium 250W 1-10V 230V I220	250	118	238	700	-40...+55°C	-	-	-	-	compatible	compatible	-
Xitanium 250W 1-10V 230V Q	250	118	238	700	-40...+55°C	-	-	-	-	compatible	compatible	-
LCO 14/100-500/38 NF C ADV3	14	12	38	500	-40...+70°C	-	-	-	-	-	-	-
LCO 24/200-1050/39 NF C ADV3	24	11	39	1050	-40...+70°C	-	-	-	-	-	-	-
LCO 40/200-1050/64 NF C ADV3	40	18	64	1050	-40...+70°C	-	-	-	-	-	-	-
LCO 60/200-1050/100 NF C ADV3	60	28	100	1050	-40...+70°C	compatible	compatible	-	-	-	-	-
LCO 90/200-1050/165 NF C ADV3	90	46	165	1050	-40...+70°C	compatible	compatible	compatible	compatible	compatible	-	-
LCO 135/200-1050/220 NF C ADV3	135	62	220	1050	-40...+70°C	-	-	compatible	compatible	compatible	compatible	-
LCO 200/200-1050/355 NF C ADV3	200	100	355	1050	-40...+70°C	-	-	-	-	compatible	compatible	compatible
LCO 14/100-500/38 o4a NF C EXC3	14	12	38	500	-40...+70°C	-	-	-	-	-	-	-
LCO 24/200-1050/39 o4a NF C EXC3	24	11	39	1050	-40...+70°C	-	-	-	-	-	-	-
LCO 40/200-1050/64 o4a NF C EXC3	40	18	64	1050	-40...+70°C	-	-	-	-	-	-	-
LCO 60/200-1050/100 o4a NF C EXC3	60	28	100	1050	-40...+70°C	compatible	compatible	-	-	-	-	-
LCO 90/200-1050/165 o4a NF C EXC3	90	46	165	1050	-40...+70°C	compatible	compatible	compatible	compatible	compatible	-	-
LCO 135/200-1050/220 o4a NF C EXC3	135	62	220	1050	-40...+70°C	-	-	compatible	compatible	compatible	compatible	-

Driver's						Module's						
						ML1401700.XXX	ML1401701.XXX	ML1302080.XXX	ML1302090.XXX	ML1924902.XXX	ML1924900.XXX	ML1924901.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	79	79	118	118	161	166	242
LCO 200/200-1050/355 o4a NF C EXC3	200	100	355	1050	-40...+70°C	-	-	-	-	compatible	compatible	compatible
LCO 100/1050/95 fixC L SNC2	100	29	95	1050	-40...+65°C	compatible	compatible	-	-	-	-	-
LCO 100/1400/71 fixC L SNC2	100	21	71	1400	-40...+65°C	-	-	-	-	-	-	-
LCO 100/500/200 fixC L SNC2	100	60	200	500	-40...+65°C	-	-	compatible	compatible	compatible	compatible	-
LCO 100/700/143 fixC L SNC2	100	43	143	700	-40...+65°C	compatible	compatible	compatible	compatible	-	-	-
LCO 150/1050/142 fixC L SNC2	150	43	142	1050	-40...+65°C	compatible	compatible	compatible	compatible	-	-	-
LCO 150/1400/107 fixC L SNC2	150	32	107	1400	-40...+65°C	compatible	compatible	-	-	-	-	-
LCO 150/500/300 fixC L SNC2	150	90	300	500	-40...+65°C	-	-	-	-	compatible	compatible	compatible
LCO 150/700/214 fixC L SNC2	150	64	214	700	-40...+65°C	-	-	compatible	compatible	compatible	compatible	-
LCO 200/1050/190 fixC L SNC2	200	63	190	1050	-40...+65°C	-	-	compatible	compatible	compatible	compatible	-
LCO 200/1400/142 fixC L SNC2	200	47	142	1400	-40...+65°C	compatible	compatible	compatible	compatible	-	-	-
LCO 200/500/400 fixC L SNC2	200	133	400	500	-40...+65°C	-	-	-	-	-	-	compatible
LCO 200/700/285 fixC L SNC2	200	95	285	700	-40...+65°C	-	-	-	-	compatible	compatible	compatible
LCO 75/1050/72 fixC L SNC2	75	22	72	1050	-40...+65°C	-	-	-	-	-	-	-
LCO 75/1400/53 fixC L SNC2	75	16	53	1400	-40...+65°C	-	-	-	-	-	-	-
LCO 75/500/150 fixC L SNC2	75	45	150	500	-40...+65°C	compatible	compatible	compatible	compatible	-	-	-
LCO 75/700/108 fixC L SNC2	75	32	108	700	-40...+65°C	compatible	compatible	-	-	-	-	-
OT 165/220...240/1A0 1DIM G2 CE	165	130	260	1050	-40...+55°C	-	-	-	-	-	-	compatible
OT 165/170...240/1A0 4DIMLT2 G2 CE	165	130	260	1050	-40...+55°C	-	-	-	-	-	-	compatible
LCO 200W 200-1050mA 355V pD+ NFC C PRE3	200	169	355	1050	-40...+60°C	-	-	-	-	-	-	compatible

Driver's						Module's						
						ML1401700.XXX	ML1401701.XXX	ML1302080.XXX	ML1302090.XXX	ML1924902.XXX	ML1924900.XXX	ML1924901.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	79	79	118	118	161	166	242
LCO 135W 200–1050mA 220V pD+ NFC C PRE3	135	104	220	1050	-40...+65°C	-	-	-	-	compatible	compatible	-
LCO 90W 200–1050mA 165V pD+ NFC C PRE3	90	78	165	1050	-40...+70°C	-	-	compatible	compatible	compatible	-	-
OT 75/UNV/1A0 2DIM P7 - brak karty	75	-	-	1050	-40...+55°C	-	-	-	-	-	-	-
OT 100/UNV/1A0 2DIM P7	100	75	150	1050	-40...+55°C	-	-	compatible	compatible	-	-	-
OT 150/UNV/1A0 2DIM P7	150	107	214	1050	-40...+55°C	-	-	-	-	compatible	compatible	-
OT 200/UNV/1A0 2DIM P7	200	143	286	1050	-40...+55°C	-	-	-	-	-	-	compatible
OT 240/UNV/1A0 2DIM P7 - brak karty	240	-	-	1050	-40...+55°C	-	-	-	-	-	-	-
OT 320/UNV/1A1 2DIM P7	320	235	457	1100	-40...+55°C	-	-	-	-	-	-	-
OT 100/ 220-240/1A4 2DIM P7	100	61	144	1400	-40...+55°C	-	-	compatible	compatible	-	-	-
OT 150/ 220-240/1A4 2DIM P7	150	91	214	1400	-40...+55°C	-	-	-	-	compatible	compatible	-
OT 200/ 220-240/1A4 2DIM P7	200	121	286	1400	-40...+55°C	-	-	-	-	-	compatible	compatible
OT 240/ 220-240/1A0 2DIM P7	240	180	343	1050	-40...+55°C	-	-	-	-	-	-	compatible
Inventronics EUM – 100S	100	17	143	2100	-40...+75°C	compatible	compatible	compatible	compatible	-	-	-
Inventronics EUM – 150S	150	18	214	3150	-40...+75°C	compatible	compatible	compatible	compatible	compatible	compatible	-
Inventronics EUM – 200S	200	18	286	4200	-40...+75°C	compatible	compatible	compatible	compatible	compatible	compatible	compatible
Inventronics EUM – 240S	240	18	343	4900	-40...+75°C	compatible	compatible	compatible	compatible	compatible	compatible	compatible

List of LED's and electronic led driver's system:

Driver's						Module's						
						ML1701405.XXX	ML2027100.XXX	ML2027101.XXX	ML2027102.XXX	ML2027103.XXX	ML1500300.XXX	ML1924107.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	240	242	363	236	354	40	56
Osram OT 165/170-240/1A0 4DIMLT2 E	165	90	285	1050	-40...+55°C	compatible	compatible	-	compatible	-	-	-
Osram OT 60/170-240/1A0 4DIMLT2 E	60	30	115	1050	-40...+55°C	-	-	-	-	-	compatible	compatible
OT180W/UNV/800C/2DIMLT2/P6	180	82	280	800	-40...+55°C	compatible	compatible	-	compatible	-	-	-
OT100W/UNV/800C/2DIMLT2/P6	100	50	185	800	-40...+55°C	-	-	-	-	-	-	-
OT 110/170...240/1A0 1DIMLT2 G1 CE	110	80	220	1050	-40...+55°C	-	-	-	-	-	-	-
OT 20/170-240/1A0 1DIM LT2 G1 CE	22	10	38	1050	-40...+60°C	-	-	-	-	-	-	-
OT 40/170-240/1A0 1DIM LT2 G1 CE	40	15	56	1050	-40...+60°C	-	-	-	-	-	compatible	compatible
OT 75/170...240/1A0 1DIMLT2 G1 CE	75	35	115	1050	-40...+55°C	-	-	-	-	-	-	compatible
Philips Xi Dim 250W 0.7A 1-10V 230V	250	178	357	700	-40...+55°C	compatible	compatible	-	-	compatible	-	-
Philips Xi LP 150W 0.3-1.0A S1 230V S240 sXt	150	70	214	1050	-40...+55°C	-	-	-	-	-	-	-
Tridonic LCA 120W 300-1050mA 1-10V ADV	120	40	114	1050	-30...+55°C	-	-	-	-	-	-	compatible
Tridonic LCA 75W 250-750mA one4all C	75	45	130	750	-40...+70°C	-	-	-	-	-	-	-
Tridonic LCA 120W 350-1050mA o	120	105	320	1050	-40...+70°C	compatible	compatible	-	compatible	-	-	-
Tridonic LCA 160W 350-1050mA o	160	105	320	1050	-40...+70°C	compatible	compatible	-	compatible	-	-	-
OT DX 40/220...240/1A0 DIMA LT2 E	40	15	56	1050	-40...+55°C	-	-	-	-	-	compatible	compatible
OT DX 75/220...240/1A0 DIMA LT2 E	75	35	115	1050	-40...+55°C	-	-	-	-	-	-	compatible
OT DX 110/220...240/1A0 DIMA LT2 E	110	75	220	1050	-40...+55°C	-	-	-	-	-	-	-
OT DX 165/220...240/1A0 DIMA LT2 E	165	130	260	1050	-40...+55°C	compatible	compatible	-	compatible	-	-	-
OT 20/170...240/1A0 4DIMLT2 G2 CE	20	10	38	1050	-40...+60°C	-	-	-	-	-	-	-
OT 40/170...240/1A0 4DIMLT2 G2 CE	40	15	56	1050	-40...+60°C	-	-	-	-	-	compatible	compatible

Driver's						Module's						
						ML1701405.XXX	ML2027100.XXX	ML2027101.XXX	ML2027102.XXX	ML2027103.XXX	ML1500300.XXX	ML1924107.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	240	242	363	236	354	40	56
OT 75/170...240/1A0 4DIMLT2 G2 CE	75	35	115	1050	-40...+55°C	-	-	-	-	-	-	compatible
OT 110/170...240/1A0 4DIMLT2 G2 CE	110	80	220	1050	-40...+60°C	-	-	-	-	-	-	-
OT 20/170...240/1A0 1DIMLT2 G1 CE	20	10	38	1050	-40...+55°C	-	-	-	-	-	-	-
OT 40/170...240/1A0 1DIMLT2 G1 CE	40	15	56	1050	-40...+60°C	-	-	-	-	-	compatible	compatible
OT 110/170...240/1A0 1DIMLT2 G1 CE	110	80	220	1050	-40...+55°C	-	-	-	-	-	-	-
OT 40/120...277/1A0 4DIMLT2 E	40	15	56	1050	-40...+60°C	-	-	-	-	-	compatible	compatible
OT 60/170...240/1A0 4DIMLT2 E	60	30	115	1050	-40...+60°C	-	-	-	-	-	compatible	compatible
OT 90/170...240/1A0 4DIMLT2 E	90	57	186	1050	-40...+55°C	-	-	-	-	-	-	-
OT 165/170...240/1A0 4DIMLT2 E	165	90	285	1050	-40...+55°C	compatible	compatible	-	compatible	-	-	-
OT 50/120...277/800 2DIMLT2 P	50	30	115	800	-40...+55°C	-	-	-	-	-	compatible	compatible
OT 50/120...277/1A2 2DIMLT2 P	50	20	55	1250	-40...+55°C	-	-	-	-	-	compatible	-
OT 100/120...277/800 2DIMLT2 P	100	50	186	800	-40...+55°C	-	-	-	-	-	-	-
OT 110/120...277/1A4 2DIMLT2 P	110	35	85	1400	-40...+55°C	-	-	-	-	-	-	compatible
OT 60/220...240/1A4 1DIMA P7	60	43	86	1400	-40...+55°C	-	-	-	-	-	-	-
OT 100/220...240/1A4 1DIMA P7	100	72	144	1400	-40...+55°C	-	-	-	-	-	-	-
OT 150/220...240/1A4 1DIMA P7	150	91	350	1400	-40...+55°C	compatible	compatible	-	compatible	-	-	-
OT 200/220...240/1A4 1DIMA P7	200	121	286	1400	-40...+55°C	compatible	compatible	-	compatible	-	-	-
Xitanium 40W 0.7A Prog+ GL-J sXt	40	29	57	700	-40...+55°C	-	-	-	-	-	compatible	compatible
Xitanium 75W 0.35-0.70A GL Prog+ sXt	75	80	152	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium 75W 0.1-1.05A Prog GL F sXt	75	36	75	1050	-40...+55°C	-	-	-	-	-	-	compatible
Xitanium 100W 0.7A Prog+ GL-Z sXt	100	71	143	700	-40...+55°C	-	-	-	-	-	-	-

Driver's						Module's						
						ML1701405.XXX	ML2027100.XXX	ML2027101.XXX	ML2027102.XXX	ML2027103.XXX	ML1500300.XXX	ML1924107.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	240	242	363	236	354	40	56
Xitanium 150W 0.1-1.05A Prog+ GL F sXt	150	70	148	1050	-40...+55°C	-	-	-	-	-	-	-
Xitanium 150W 0.35-0.70A GL Prog sXt	150	125	280	700	-40...+55°C	compatible	compatible	-	compatible	-	-	-
Xitanium 300W 1.5A Prog+ GL-R sXt	300	80	280	1050	-40...+55°C	compatible	compatible	-	compatible	-	-	-
Xi BP 12W 0.1-0.5A S 230V C100	12	13	39	500	-40...+55°C	-	-	-	-	-	-	-
Xi BP 22W 0.2-0.7A S 230V C123	22	16	48	700	-40...+55°C	-	-	-	-	-	compatible	-
Xi BP 40W 0.2-0.7A S 230V C123	40	25	77	700	-40...+55°C	-	-	-	-	-	compatible	compatible
Xi BP 40W 0.3-1.0A S 230V C123	40	20	54	1000	-40...+55°C	-	-	-	-	-	compatible	-
Xi LP 22W 0.2-0.7A S1 230V C123 sXt	22	16	48	700	-40...+55°C	-	-	-	-	-	compatible	-
Xi LP 22W 0.3-1.0A S1 230V C123 sXt	22	8	32	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 40W 0.2-0.7A S1 230V C123 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	compatible	compatible
Xi LP 40W 0.3-1.0A S1 230V C123 sXt	40	20	54	1000	-40...+55°C	-	-	-	-	-	compatible	-
Xi LP 75W 0.2-0.7A S1 230V C133 sXt	75	50	150	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 75W 0.3-1.0A S1 230V C133 sXt	75	35	108	1000	-40...+55°C	-	-	-	-	-	-	compatible
Xi LP 75W 0.5-1.5A S1 230V C133 sXt	75	25	75	1500	-40...+55°C	-	-	-	-	-	compatible	compatible
Xi LP 110W 0.2-0.7A S1 230V C133 sXt	110	70	220	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 110W 0.3-1.0A S1 230V C133 sXt	110	50	160	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 165W 0.2-0.7A S1 230V C170 sXt	165	100	300	700	-40...+55°C	compatible	compatible	-	compatible	-	-	-
Xi LP 165W 0.3-1.0A S1 230V C170 sXt	165	80	235	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 165W 0.5-1.5A S1 230V C170 sXt	165	54	157	1500	-40...+55°C	-	-	-	-	-	-	-
Xi LP 22W 0.2-0.7A S1 230V S175 sXt	22	16	48	700	-40...+55°C	-	-	-	-	-	compatible	-
Xi LP 22W 0.3-1.0A S1 230V S175 sXt	22	8	32	1000	-40...+55°C	-	-	-	-	-	-	-

Driver's						Module's						
						ML1701405.XXX	ML2027100.XXX	ML2027101.XXX	ML2027102.XXX	ML2027103.XXX	ML1500300.XXX	ML1924107.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	240	242	363	236	354	40	56
Xi LP 40W 0.2-0.7A S1 230V S175 sXt	40	23	77	700	-40...+55°C	-	-	-	-	-	compatible	compatible
Xi LP 40W 0.2-0.7A SL 230V S175 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	compatible	compatible
Xi LP 40W 0.3-1.0A S1 230V S175 sXt	40	20	54	1000	-40...+55°C	-	-	-	-	-	compatible	-
Xi LP 40W 0.3-1.0A SL 230V S175 sXt	40	20	54	1000	-40...+55°C	-	-	-	-	-	compatible	-
Xi LP 40W 0.2-0.7A SN 230V S175 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	compatible	compatible
Xi LP 75W 0.2-0.7A S1 230V S240 sXt	75	50	150	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 75W 0.2-0.7A SL 230V S240 sXt	75	50	150	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 75W 0.3-1.0A S1 230V S240 sXt	75	35	108	1000	-40...+55°C	-	-	-	-	-	-	compatible
Xi LP 75W 0.3-1.0A SL 230V S240 sXt	75	35	108	1000	-40...+55°C	-	-	-	-	-	-	compatible
Xi LP 75W 0.2-0.7A SN 230V S240 sXt	75	50	150	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 75W 0.5-1.5A S1 230V S240 sXt	75	25	75	1500	-40...+55°C	-	-	-	-	-	compatible	compatible
Xi LP 150W 0.2-0.7A S1 230V S240 sXt	150	90	283	700	-40...+55°C	compatible	compatible	-	compatible	-	-	-
Xi LP 150W 0.2-0.7A SL 230V S240 sXt	150	90	283	700	-40...+55°C	compatible	compatible	-	compatible	-	-	-
Xi LP 150W 0.3-1.0A SL 230V S240 sXt	150	70	214	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 150W 0.5-1.5A S1 230V S240 sXt	150	50	142	1500	-40...+55°C	-	-	-	-	-	-	-
Xi LP 150W 0.2-0.7A SN 230V S240 sXt	150	90	283	700	-40...+55°C	compatible	compatible	-	compatible	-	-	-
Xi FP 22W 0.2-0.7A SNLDAE 230V C123 sXt	22	16	48	700	-40...+55°C	-	-	-	-	-	compatible	-
Xi FP 22W 0.3-1.0A SNLDAE 230V C123 sXt	22	8	32	1000	-40...+55°C	-	-	-	-	-	-	-
Xi FP 40W 0.2-0.7A SNLDAE 230V C123 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	compatible	compatible
Xi FP 40W 0.3-1.0A SNLDAE 230V C123 sXt	40	20	54	1000	-40...+55°C	-	-	-	-	-	compatible	-
Xi FP 70W 0.3-1.0A NLD C150 230V sXt	70	30	100	1000	-30...+60°C	-	-	-	-	-	compatible	compatible

Driver's						Module's						
						ML1701405.XXX	ML2027100.XXX	ML2027101.XXX	ML2027102.XXX	ML2027103.XXX	ML1500300.XXX	ML1924107.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	240	242	363	236	354	40	56
Xi FP 75W 0.2-0.7A SNLDAE 230V C133 sXt	75	50	150	700	-40...+55°C	-	-	-	-	-	-	-
Xi FP 75W 0.3-1.0A SNLDAE 230V C133 sXt	75	35	108	1000	-40...+55°C	-	-	-	-	-	-	compatible
Xi FP 75W 0.5-1.5A SNLDAE 230V C133 sXt	75	25	71	1500	-40...+55°C	-	-	-	-	-	compatible	compatible
Xi FP 100W 0.2-0.7A SNLDAE 230V C165 sXt	100	50	150	700	-40...+55°C	-	-	-	-	-	-	-
Xi FP 110W 0.2-0.7A SNLDAE 230V C133 sXt	110	70	220	700	-40...+55°C	-	-	-	-	-	-	-
Xi FP 110W 0.3-1.0A NLD C150 230V sXt	110	60	200	1000	-30...+60°C	-	-	-	-	-	-	-
Xi FP 110W 0.3-1.0A SNLDAE 230V C133 sXt	110	50	160	1000	-40...+55°C	-	-	-	-	-	-	-
Xi FP 165W 0.3-1.0A SNLDAE 230V C170 sXt	165	80	235	1000	-40...+55°C	-	-	-	-	-	-	-
Xi FP 165W 0.2-0.7A SNLDAE 230V C170 sXt	165	100	300	700	-40...+55°C	compatible	compatible	-	compatible	-	-	-
Xi FP 330W 0.2-0.75A SNDAE 230V C240 sXt	330	100	300	750	-40...+55°C	compatible	compatible	-	compatible	-	-	-
Xi FP 22W 0.2-0.7A SNLDAE 230V S175 sXt	22	16	48	700	-40...+55°C	-	-	-	-	-	compatible	-
Xi FP 22W 0.3-1.0A SNLDAE 230V S175 sXt	22	8	32	1000	-40...+55°C	-	-	-	-	-	-	-
Xi FP 40W 0.2-7.0A SNLDAE 230V S175 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	compatible	compatible
Xi FP 40W 0.3-1.0A SNLDAE 230V S175 sXt	40	20	54	1000	-40...+55°C	-	-	-	-	-	compatible	-
Xi FP 75W 0.2-0.7A SNLDAE 230V S240 sXt	75	50	150	700	-40...+55°C	-	-	-	-	-	-	-
Xi FP 75W 0.3-1.0A SNLDAE 230V S240 sXt	75	35	108	1000	-40...+55°C	-	-	-	-	-	-	compatible
Xi FP 150W 0.2-0.7A SNLDAE 230V S240 sXt	150	90	283	700	-40...+55°C	compatible	compatible	-	compatible	-	-	-
Xi FP 150W 0.3-1.0A SNLDAE 230V S240 sXt	150	70	214	1000	-40...+55°C	-	-	-	-	-	-	-
Xi SR 12W 0.2-0.7A SNEMP 230V C133 sXt	12	8	32	700	-40...+55°C	-	-	-	-	-	-	-
Xi SR 22W 0.2-0.7A SNEMP 230V C133 sXt	22	16	48	700	-40...+55°C	-	-	-	-	-	compatible	-

Driver's						Module's						
						ML1701405.XXX	ML2027100.XXX	ML2027101.XXX	ML2027102.XXX	ML2027103.XXX	ML1500300.XXX	ML1924107.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	240	242	363	236	354	40	56
Xi SR 40W 0.2-0.7A SNEMP 230V C133 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	compatible	compatible
Xi SR 75W 0.2-0.7A SNEMP 230V C150 sXt	75	50	150	700	-40...+55°C	-	-	-	-	-	-	-
Xi SR 75W 0.2-0.7A SNEMP 230V S240 sXt	75	50	150	700	-40...+55°C	-	-	-	-	-	-	-
Xi SR 110W 0.2-0.7A SNEMP 230V C150 sXt	110	70	220	700	-40...+55°C	-	-	-	-	-	-	-
Xi SR 150W 0.2-0.7A SNEMP 230V S240 sXt	150	90	283	700	-40...+55°C	compatible	compatible	-	compatible	-	-	-
Xitanium 100W 2.1-4.2A AOC 230V I220	100	12	48	4200	-40...+55°C	-	-	-	-	-	compatible	-
Xitanium 150W 2.5-4.9A AOC 230V I220	150	15	61	4900	-40...+55°C	-	-	-	-	-	compatible	compatible
Xitanium 200W 2.8-5.6A AOC 230V I250	200	18	71	5600	-40...+55°C	-	-	-	-	-	compatible	compatible
Xi LP 100W 0.3-1.05A S1 230V I175	100	46	143	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 150W 0.3-1.05A S1 230V I175	150	72	214	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 220W 0.3-1.05A S1 230V I230	220	104	314	1000	-40...+55°C	compatible	compatible	-	compatible	-	-	-
Xi LP 220W 0.5-1.5A S1 230V I230	220	73	210	1500	-40...+55°C	-	-	-	-	-	-	-
Xitanium Dim 35W 0.7A 1-10V TWE I175	35	18	50	700	-40...+55°C	-	-	-	-	-	compatible	-
Xitanium Dim 100W 0.7A 1-10V TWE I220	100	71	143	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium Dim 150W 0.7A 1-10V TWE I220	150	90	214	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium 75W 0.7A TWE I175	75	40	117	700	-40...+55°C	-	-	-	-	-	-	compatible
Xitanium 150W 0.7A TWE I220	150	90	214	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium 75W 1.05A 1-10V 230V C165 sXt	75	36	75	1000	-40...+55°C	-	-	-	-	-	-	compatible
Xitanium 75W 0.70A 1-10V 230V C165 sXt	75	52	107	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium 150W 0.70A 1-10V 230V S240 sXt	150	100	214	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium 150W 1.05A 1-10V 230V S240 sXt	150	72	150	1000	-40...+55°C	-	-	-	-	-	-	-

Driver's						Module's						
						ML1701405.XXX	ML2027100.XXX	ML2027101.XXX	ML2027102.XXX	ML2027103.XXX	ML1500300.XXX	ML1924107.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	240	242	363	236	354	40	56
Xitanium Dim 250W 0.70A 1-10V 230V Q	250	178	357	700	-40...+55°C	compatible	compatible	-	-	compatible	-	-
Xitanium Dim 75W 0.70A 1-10V 230V I220	75	52	107	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium Dim 150W 0.70A 1-10V 230V I220	150	90	214	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium Dim 250W 0.70A 1-10V 230V I220	250	178	357	700	-40...+55°C	compatible	compatible	-	-	compatible	-	-
Xitanium 75W 1-10V 230V C165	75	52	107	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium 150W 1.05A 1-10V 230V S240 sXt	150	72	150	1050	-40...+55°C	-	-	-	-	-	-	-
Xitanium 250W 1-10V 230V I220	250	118	238	700	-40...+55°C	-	-	-	compatible	-	-	-
Xitanium 250W 1-10V 230V Q	250	118	238	700	-40...+55°C	-	-	-	compatible	-	-	-
LCO 14/100-500/38 NF C ADV3	14	12	38	500	-40...+70°C	-	-	-	-	-	-	-
LCO 24/200-1050/39 NF C ADV3	24	11	39	1050	-40...+70°C	-	-	-	-	-	-	-
LCO 40/200-1050/64 NF C ADV3	40	18	64	1050	-40...+70°C	-	-	-	-	-	compatible	compatible
LCO 60/200-1050/100 NF C ADV3	60	28	100	1050	-40...+70°C	-	-	-	-	-	compatible	compatible
LCO 90/200-1050/165 NF C ADV3	90	46	165	1050	-40...+70°C	-	-	-	-	-	-	-
LCO 135/200-1050/220 NF C ADV3	135	62	220	1050	-40...+70°C	-	-	-	-	-	-	-
LCO 200/200-1050/355 NF C ADV3	200	100	355	1050	-40...+70°C	compatible	compatible	-	compatible	compatible	-	-
LCO 14/100-500/38 o4a NF C EXC3	14	12	38	500	-40...+70°C	-	-	-	-	-	-	-
LCO 24/200-1050/39 o4a NF C EXC3	24	11	39	1050	-40...+70°C	-	-	-	-	-	-	-
LCO 40/200-1050/64 o4a NF C EXC3	40	18	64	1050	-40...+70°C	-	-	-	-	-	compatible	compatible
LCO 60/200-1050/100 o4a NF C EXC3	60	28	100	1050	-40...+70°C	-	-	-	-	-	compatible	compatible
LCO 90/200-1050/165 o4a NF C EXC3	90	46	165	1050	-40...+70°C	-	-	-	-	-	-	-
LCO 135/200-1050/220 o4a NF C EXC3	135	62	220	1050	-40...+70°C	-	-	-	-	-	-	-

Driver's						Module's						
						ML1701405.XXX	ML2027100.XXX	ML2027101.XXX	ML2027102.XXX	ML2027103.XXX	ML1500300.XXX	ML1924107.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	240	242	363	236	354	40	56
LCO 200/200-1050/355 o4a NF C EXC3	200	100	355	1050	-40...+70°C	compatible	compatible	-	compatible	compatible	-	-
LCO 100/1050/95 fixC L SNC2	100	29	95	1050	-40...+65°C	-	-	-	-	-	compatible	compatible
LCO 100/1400/71 fixC L SNC2	100	21	71	1400	-40...+65°C	-	-	-	-	-	compatible	compatible
LCO 100/500/200 fixC L SNC2	100	60	200	500	-40...+65°C	-	-	-	-	-	-	-
LCO 100/700/143 fixC L SNC2	100	43	143	700	-40...+65°C	-	-	-	-	-	-	-
LCO 150/1050/142 fixC L SNC2	150	43	142	1050	-40...+65°C	-	-	-	-	-	-	-
LCO 150/1400/107 fixC L SNC2	150	32	107	1400	-40...+65°C	-	-	-	-	-	-	compatible
LCO 150/500/300 fixC L SNC2	150	90	300	500	-40...+65°C	compatible	compatible	-	compatible	-	-	-
LCO 150/700/214 fixC L SNC2	150	64	214	700	-40...+65°C	-	-	-	-	-	-	-
LCO 200/1050/190 fixC L SNC2	200	63	190	1050	-40...+65°C	-	-	-	-	-	-	-
LCO 200/1400/142 fixC L SNC2	200	47	142	1400	-40...+65°C	-	-	-	-	-	-	-
LCO 200/500/400 fixC L SNC2	200	133	400	500	-40...+65°C	compatible	compatible	compatible	compatible	compatible	-	-
LCO 200/700/285 fixC L SNC2	200	95	285	700	-40...+65°C	compatible	compatible	-	compatible	-	-	-
LCO 75/1050/72 fixC L SNC2	75	22	72	1050	-40...+65°C	-	-	-	-	-	compatible	compatible
LCO 75/1400/53 fixC L SNC2	75	16	53	1400	-40...+65°C	-	-	-	-	-	compatible	-
LCO 75/500/150 fixC L SNC2	75	45	150	500	-40...+65°C	-	-	-	-	-	-	-
LCO 75/700/108 fixC L SNC2	75	32	108	700	-40...+65°C	-	-	-	-	-	-	compatible
OT 165/220...240/1A0 1DIM G2 CE	165	130	260	1050	-40...+55°C	compatible	compatible	-	compatible	-	-	-
OT 165/170...240/1A0 4DIMLT2 G2 CE	165	130	260	1050	-40...+55°C	compatible	compatible	-	compatible	-	-	-
LCO 200W 200-1050mA 355V pD+ NFC C PRE3	200	169	355	1050	-40...+60°C	compatible	compatible	-	compatible	compatible	-	-

Driver's						Module's						
						ML1701405.XXX	ML2027100.XXX	ML2027101.XXX	ML2027102.XXX	ML2027103.XXX	ML1500300.XXX	ML1924107.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	240	242	363	236	354	40	56
LCO 135W 200–1050mA 220V pD+ NFC C PRE3	135	104	220	1050	-40...+65°C	-	-	-	-	-	-	-
LCO 90W 200–1050mA 165V pD+ NFC C PRE3	90	78	165	1050	-40...+70°C	-	-	-	-	-	-	-
OT 75/UNV/1A0 2DIM P7 - brak karty	75	-	-	1050	-40...+55°C	-	-	-	-	-	-	-
OT 100/UNV/1A0 2DIM P7	100	75	150	1050	-40...+55°C	-	-	-	-	-	-	-
OT 150/UNV/1A0 2DIM P7	150	107	214	1050	-40...+55°C	-	-	-	-	-	-	-
OT 200/UNV/1A0 2DIM P7	200	143	286	1050	-40...+55°C	compatible	compatible	-	compatible	-	-	-
OT 240/UNV/1A0 2DIM P7 - brak karty	240	-	-	1050	-40...+55°C	-	-	-	-	-	-	-
OT 320/UNV/1A1 2DIM P7	320	235	457	1100	-40...+55°C	-	-	compatible	-	compatible	-	-
OT 100/ 220-240/1A4 2DIM P7	100	61	144	1400	-40...+55°C	-	-	-	-	-	-	-
OT 150/ 220-240/1A4 2DIM P7	150	91	214	1400	-40...+55°C	-	-	-	-	-	-	-
OT 200/ 220-240/1A4 2DIM P7	200	121	286	1400	-40...+55°C	compatible	compatible	-	compatible	-	-	-
OT 240/ 220-240/1A0 2DIM P7	240	180	343	1050	-40...+55°C	compatible	compatible	-	-	-	-	-
Inventronics EUM – 100S	100	17	143	2100	-40...+75°C	-	-	-	-	-	compatible	compatible
Inventronics EUM – 150S	150	18	214	3150	-40...+75°C	-	-	-	-	-	compatible	compatible
Inventronics EUM – 200S	200	18	286	4200	-40...+75°C	compatible	compatible	-	compatible	-	compatible	compatible
Inventronics EUM – 240S	240	18	343	4900	-40...+75°C	compatible	compatible	-	compatible	-	compatible	compatible

List of LED's and electronic led driver's system:

Driver's						Module's						
						ML1500301.XXX	ML1701400.XXX	ML1924106.XXX	ML1924105.XXX	ML1401010.XXX	ML1500302.XXX	ML1701401.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	79	79	81	111	118	158	158
Osram OT 165/170-240/1A0 4DIMLT2 E	165	90	285	1050	-40...+55°C	-	-	-	-	-	compatible	compatible
Osram OT 60/170-240/1A0 4DIMLT2 E	60	30	115	1050	-40...+55°C	compatible	compatible	compatible	compatible	-	-	-
OT180W/UNV/800C/2DIMLT2/P6	180	82	280	800	-40...+55°C	-	-	-	compatible	compatible	compatible	compatible
OT100W/UNV/800C/2DIMLT2/P6	100	50	185	800	-40...+55°C	compatible	compatible	compatible	compatible	compatible	compatible	compatible
OT 110/170...240/1A0 1DIMLT2 G1 CE	110	80	220	1050	-40...+55°C	-	-	-	compatible	compatible	compatible	compatible
OT 20/170-240/1A0 1DIM LT2 G1 CE	22	10	38	1050	-40...+60°C	-	-	-	-	-	-	-
OT 40/170-240/1A0 1DIM LT2 G1 CE	40	15	56	1050	-40...+60°C	-	-	-	-	-	-	-
OT 75/170...240/1A0 1DIMLT2 G1 CE	75	35	115	1050	-40...+55°C	compatible	compatible	compatible	compatible	-	-	-
Philips Xi Dim 250W 0.7A 1-10V 230V	250	178	357	700	-40...+55°C	-	-	-	-	-	-	-
Philips Xi LP 150W 0.3-1.0A S1 230V S240 sXt	150	70	214	1050	-40...+55°C	-	-	-	compatible	compatible	compatible	compatible
Tridonic LCA 120W 300-1050mA 1-10V ADV	120	40	114	1050	-30...+55°C	compatible	compatible	compatible	compatible	-	-	-
Tridonic LCA 75W 250-750mA one4all C	75	45	130	750	-40...+70°C	compatible	compatible	compatible	compatible	compatible	-	-
Tridonic LCA 120W 350-1050mA o	120	105	320	1050	-40...+70°C	-	-	-	-	-	compatible	compatible
Tridonic LCA 160W 350-1050mA o	160	105	320	1050	-40...+70°C	-	-	-	-	-	compatible	compatible
OT DX 40/220...240/1A0 DIMA LT2 E	40	15	56	1050	-40...+55°C	-	-	-	-	-	-	-
OT DX 75/220...240/1A0 DIMA LT2 E	75	35	115	1050	-40...+55°C	compatible	compatible	compatible	compatible	-	-	-
OT DX 110/220...240/1A0 DIMA LT2 E	110	75	220	1050	-40...+55°C	-	-	-	compatible	compatible	compatible	compatible
OT DX 165/220...240/1A0 DIMA LT2 E	165	130	260	1050	-40...+55°C	-	-	-	-	-	-	-
OT 20/170...240/1A0 4DIMLT2 G2 CE	20	10	38	1050	-40...+60°C	-	-	-	-	-	-	-
OT 40/170...240/1A0 4DIMLT2 G2 CE	40	15	56	1050	-40...+60°C	-	-	-	-	-	-	-

Driver's						Module's						
						ML1500301.XXX	ML1701400.XXX	ML1924106.XXX	ML1924105.XXX	ML1401010.XXX	ML1500302.XXX	ML1701401.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	79	79	81	111	118	158	158
OT 75/170...240/1A0 4DIMLT2 G2 CE	75	35	115	1050	-40...+55°C	compatible	compatible	compatible	compatible	-	-	-
OT 110/170...240/1A0 4DIMLT2 G2 CE	110	80	220	1050	-40...+60°C	-	-	-	compatible	compatible	compatible	compatible
OT 20/170...240/1A0 1DIMLT2 G1 CE	20	10	38	1050	-40...+55°C	-	-	-	-	-	-	-
OT 40/170...240/1A0 1DIMLT2 G1 CE	40	15	56	1050	-40...+60°C	-	-	-	-	-	-	-
OT 110/170...240/1A0 1DIMLT2 G1 CE	110	80	220	1050	-40...+55°C	-	-	-	compatible	compatible	compatible	compatible
OT 40/120...277/1A0 4DIMLT2 E	40	15	56	1050	-40...+60°C	-	-	-	-	-	-	-
OT 60/170...240/1A0 4DIMLT2 E	60	30	115	1050	-40...+60°C	compatible	compatible	compatible	compatible	-	-	-
OT 90/170...240/1A0 4DIMLT2 E	90	57	186	1050	-40...+55°C	compatible	compatible	compatible	compatible	compatible	compatible	compatible
OT 165/170...240/1A0 4DIMLT2 E	165	90	285	1050	-40...+55°C	-	-	-	-	-	compatible	compatible
OT 50/120...277/800 2DIMLT2 P	50	30	115	800	-40...+55°C	compatible	compatible	compatible	compatible	-	-	-
OT 50/120...277/1A2 2DIMLT2 P	50	20	55	1250	-40...+55°C	-	-	-	-	-	-	-
OT 100/120...277/800 2DIMLT2 P	100	50	186	800	-40...+55°C	compatible	compatible	compatible	compatible	compatible	compatible	compatible
OT 110/120...277/1A4 2DIMLT2 P	110	35	85	1400	-40...+55°C	compatible	compatible	compatible	-	-	-	-
OT 60/220...240/1A4 1DIMA P7	60	43	86	1400	-40...+55°C	compatible	compatible	compatible	-	-	-	-
OT 100/220...240/1A4 1DIMA P7	100	72	144	1400	-40...+55°C	-	-	-	compatible	compatible	-	-
OT 150/220...240/1A4 1DIMA P7	150	91	350	1400	-40...+55°C	-	-	-	-	-	compatible	compatible
OT 200/220...240/1A4 1DIMA P7	200	121	286	1400	-40...+55°C	-	-	-	-	-	-	-
Xitanium 40W 0.7A Prog+ GL-J sXt	40	29	57	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium 75W 0.35-0.70A GL Prog+ sXt	75	80	152	700	-40...+55°C	-	-	-	compatible	compatible	-	-
Xitanium 75W 0.1-1.05A Prog GL F sXt	75	36	75	1050	-40...+55°C	-	-	-	-	-	-	-
Xitanium 100W 0.7A Prog+ GL-Z sXt	100	71	143	700	-40...+55°C	-	-	-	compatible	compatible	-	-

Driver's						Module's						
						ML1500301.XXX	ML1701400.XXX	ML1924106.XXX	ML1924105.XXX	ML1401010.XXX	ML1500302.XXX	ML1701401.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	79	79	81	111	118	158	158
Xitanium 150W 0.1-1.05A Prog+ GL F sXt	150	70	148	1050	-40...+55°C	-	-	-	compatible	compatible	-	-
Xitanium 150W 0.35-0.70A GL Prog sXt	150	125	280	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium 300W 1.5A Prog+ GL-R sXt	300	80	280	1050	-40...+55°C	-	-	-	compatible	compatible	compatible	compatible
Xi BP 12W 0.1-0.5A S 230V C100	12	13	39	500	-40...+55°C	-	-	-	-	-	-	-
Xi BP 22W 0.2-0.7A S 230V C123	22	16	48	700	-40...+55°C	-	-	-	-	-	-	-
Xi BP 40W 0.2-0.7A S 230V C123	40	25	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi BP 40W 0.3-1.0A S 230V C123	40	20	54	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 22W 0.2-0.7A S1 230V C123 sXt	22	16	48	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 22W 0.3-1.0A S1 230V C123 sXt	22	8	32	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 40W 0.2-0.7A S1 230V C123 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 40W 0.3-1.0A S1 230V C123 sXt	40	20	54	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 75W 0.2-0.7A S1 230V C133 sXt	75	50	150	700	-40...+55°C	compatible	compatible	compatible	compatible	compatible	-	-
Xi LP 75W 0.3-1.0A S1 230V C133 sXt	75	35	108	1000	-40...+55°C	compatible	compatible	compatible	-	-	-	-
Xi LP 75W 0.5-1.5A S1 230V C133 sXt	75	25	75	1500	-40...+55°C	-	-	-	-	-	-	-
Xi LP 110W 0.2-0.7A S1 230V C133 sXt	110	70	220	700	-40...+55°C	-	-	-	compatible	compatible	compatible	compatible
Xi LP 110W 0.3-1.0A S1 230V C133 sXt	110	50	160	1000	-40...+55°C	compatible	compatible	compatible	compatible	compatible	compatible	compatible
Xi LP 165W 0.2-0.7A S1 230V C170 sXt	165	100	300	700	-40...+55°C	-	-	-	-	-	compatible	compatible
Xi LP 165W 0.3-1.0A S1 230V C170 sXt	165	80	235	1000	-40...+55°C	-	-	-	compatible	compatible	compatible	compatible
Xi LP 165W 0.5-1.5A S1 230V C170 sXt	165	54	157	1500	-40...+55°C	compatible	compatible	compatible	compatible	compatible	-	-
Xi LP 22W 0.2-0.7A S1 230V S175 sXt	22	16	48	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 22W 0.3-1.0A S1 230V S175 sXt	22	8	32	1000	-40...+55°C	-	-	-	-	-	-	-

Driver's						Module's						
						ML1500301.XXX	ML1701400.XXX	ML1924106.XXX	ML1924105.XXX	ML1401010.XXX	ML1500302.XXX	ML1701401.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	79	79	81	111	118	158	158
Xi LP 40W 0.2-0.7A S1 230V S175 sXt	40	23	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 40W 0.2-0.7A SL 230V S175 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 40W 0.3-1.0A S1 230V S175 sXt	40	20	54	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 40W 0.3-1.0A SL 230V S175 sXt	40	20	54	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 40W 0.2-0.7A SN 230V S175 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 75W 0.2-0.7A S1 230V S240 sXt	75	50	150	700	-40...+55°C	compatible	compatible	compatible	compatible	compatible	-	-
Xi LP 75W 0.2-0.7A SL 230V S240 sXt	75	50	150	700	-40...+55°C	compatible	compatible	compatible	compatible	compatible	-	-
Xi LP 75W 0.3-1.0A S1 230V S240 sXt	75	35	108	1000	-40...+55°C	compatible	compatible	compatible	-	-	-	-
Xi LP 75W 0.3-1.0A SL 230V S240 sXt	75	35	108	1000	-40...+55°C	compatible	compatible	compatible	-	-	-	-
Xi LP 75W 0.2-0.7A SN 230V S240 sXt	75	50	150	700	-40...+55°C	compatible	compatible	compatible	compatible	compatible	-	-
Xi LP 75W 0.5-1.5A S1 230V S240 sXt	75	25	75	1500	-40...+55°C	-	-	-	-	-	-	-
Xi LP 150W 0.2-0.7A S1 230V S240 sXt	150	90	283	700	-40...+55°C	-	-	-	-	-	compatible	compatible
Xi LP 150W 0.2-0.7A SL 230V S240 sXt	150	90	283	700	-40...+55°C	-	-	-	-	-	compatible	compatible
Xi LP 150W 0.3-1.0A SL 230V S240 sXt	150	70	214	1000	-40...+55°C	-	-	-	compatible	compatible	compatible	compatible
Xi LP 150W 0.5-1.5A S1 230V S240 sXt	150	50	142	1500	-40...+55°C	compatible	compatible	compatible	compatible	compatible	-	-
Xi LP 150W 0.2-0.7A SN 230V S240 sXt	150	90	283	700	-40...+55°C	-	-	-	-	-	compatible	compatible
Xi FP 22W 0.2-0.7A SNLDAE 230V C123 sXt	22	16	48	700	-40...+55°C	-	-	-	-	-	-	-
Xi FP 22W 0.3-1.0A SNLDAE 230V C123 sXt	22	8	32	1000	-40...+55°C	-	-	-	-	-	-	-
Xi FP 40W 0.2-0.7A SNLDAE 230V C123 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi FP 40W 0.3-1.0A SNLDAE 230V C123 sXt	40	20	54	1000	-40...+55°C	-	-	-	-	-	-	-
Xi FP 70W 0.3-1.0A NLD C150 230V sXt	70	30	100	1000	-30...+60°C	compatible	compatible	compatible	-	-	-	-

Driver's						Module's						
						ML1500301.XXX	ML1701400.XXX	ML1924106.XXX	ML1924105.XXX	ML1401010.XXX	ML1500302.XXX	ML1701401.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	79	79	81	111	118	158	158
Xi FP 75W 0.2-0.7A SNLDAE 230V C133 sXt	75	50	150	700	-40...+55°C	compatible	compatible	compatible	compatible	compatible	-	-
Xi FP 75W 0.3-1.0A SNLDAE 230V C133 sXt	75	35	108	1000	-40...+55°C	compatible	compatible	compatible	-	-	-	-
Xi FP 75W 0.5-1.5A SNLDAE 230V C133 sXt	75	25	71	1500	-40...+55°C	-	-	-	-	-	-	-
Xi FP 100W 0.2-0.7A SNLDAE 230V C165 sXt	100	50	150	700	-40...+55°C	compatible	compatible	compatible	compatible	compatible	-	-
Xi FP 110W 0.2-0.7A SNLDAE 230V C133 sXt	110	70	220	700	-40...+55°C	-	-	-	compatible	compatible	compatible	compatible
Xi FP 110W 0.3-1.0A NLD C150 230V sXt	110	60	200	1000	-30...+60°C	-	-	compatible	compatible	compatible	compatible	compatible
Xi FP 110W 0.3-1.0A SNLDAE 230V C133 sXt	110	50	160	1000	-40...+55°C	compatible	compatible	compatible	compatible	compatible	compatible	compatible
Xi FP 165W 0.3-1.0A SNLDAE 230V C170 sXt	165	80	235	1000	-40...+55°C	-	-	-	compatible	compatible	compatible	compatible
Xi FP 165W 0.2-0.7A SNLDAE 230V C170 sXt	165	100	300	700	-40...+55°C	-	-	-	-	-	compatible	compatible
Xi FP 330W 0.2-0.75A SNDAE 230V C240 sXt	330	100	300	750	-40...+55°C	-	-	-	-	-	compatible	compatible
Xi FP 22W 0.2-0.7A SNLDAE 230V S175 sXt	22	16	48	700	-40...+55°C	-	-	-	-	-	-	-
Xi FP 22W 0.3-1.0A SNLDAE 230V S175 sXt	22	8	32	1000	-40...+55°C	-	-	-	-	-	-	-
Xi FP 40W 0.2-7.0A SNLDAE 230V S175 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi FP 40W 0.3-1.0A SNLDAE 230V S175 sXt	40	20	54	1000	-40...+55°C	-	-	-	-	-	-	-
Xi FP 75W 0.2-0.7A SNLDAE 230V S240 sXt	75	50	150	700	-40...+55°C	compatible	compatible	compatible	compatible	compatible	-	-
Xi FP 75W 0.3-1.0A SNLDAE 230V S240 sXt	75	35	108	1000	-40...+55°C	compatible	compatible	compatible	-	-	-	-
Xi FP 150W 0.2-0.7A SNLDAE 230V S240 sXt	150	90	283	700	-40...+55°C	-	-	-	-	-	compatible	compatible
Xi FP 150W 0.3-1.0A SNLDAE 230V S240 sXt	150	70	214	1000	-40...+55°C	-	-	-	compatible	compatible	compatible	compatible
Xi SR 12W 0.2-0.7A SNEMP 230V C133 sXt	12	8	32	700	-40...+55°C	-	-	-	-	-	-	-
Xi SR 22W 0.2-0.7A SNEMP 230V C133 sXt	22	16	48	700	-40...+55°C	-	-	-	-	-	-	-

Driver's						Module's						
						ML1500301.XXX	ML1701400.XXX	ML1924106.XXX	ML1924105.XXX	ML1401010.XXX	ML1500302.XXX	ML1701401.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	79	79	81	111	118	158	158
Xi SR 40W 0.2-0.7A SNEMP 230V C133 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi SR 75W 0.2-0.7A SNEMP 230V C150 sXt	75	50	150	700	-40...+55°C	compatible	compatible	compatible	compatible	compatible	-	-
Xi SR 75W 0.2-0.7A SNEMP 230V S240 sXt	75	50	150	700	-40...+55°C	compatible	compatible	compatible	compatible	compatible	-	-
Xi SR 110W 0.2-0.7A SNEMP 230V C150 sXt	110	70	220	700	-40...+55°C	-	-	-	compatible	compatible	compatible	compatible
Xi SR 150W 0.2-0.7A SNEMP 230V S240 sXt	150	90	283	700	-40...+55°C	-	-	-	-	-	compatible	compatible
Xitanium 100W 2.1-4.2A AOC 230V I220	100	12	48	4200	-40...+55°C	-	-	-	-	-	-	-
Xitanium 150W 2.5-4.9A AOC 230V I220	150	15	61	4900	-40...+55°C	-	-	-	-	-	-	-
Xitanium 200W 2.8-5.6A AOC 230V I250	200	18	71	5600	-40...+55°C	-	-	-	-	-	-	-
Xi LP 100W 0.3-1.05A S1 230V I175	100	46	143	1000	-40...+55°C	compatible	compatible	compatible	compatible	compatible	-	-
Xi LP 150W 0.3-1.05A S1 230V I175	150	72	214	1000	-40...+55°C	-	-	-	compatible	compatible	compatible	compatible
Xi LP 220W 0.3-1.05A S1 230V I230	220	104	314	1000	-40...+55°C	-	-	-	-	-	compatible	compatible
Xi LP 220W 0.5-1.5A S1 230V I230	220	73	210	1500	-40...+55°C	-	-	-	compatible	compatible	compatible	compatible
Xitanium Dim 35W 0.7A 1-10V TWE I175	35	18	50	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium Dim 100W 0.7A 1-10V TWE I220	100	71	143	700	-40...+55°C	-	-	-	compatible	compatible	-	-
Xitanium Dim 150W 0.7A 1-10V TWE I220	150	90	214	700	-40...+55°C	-	-	-	-	-	compatible	compatible
Xitanium 75W 0.7A TWE I175	75	40	117	700	-40...+55°C	compatible	compatible	compatible	compatible	-	-	-
Xitanium 150W 0.7A TWE I220	150	90	214	700	-40...+55°C	-	-	-	-	-	compatible	compatible
Xitanium 75W 1.05A 1-10V 230V C165 sXt	75	36	75	1000	-40...+55°C	-	-	-	-	-	-	-
Xitanium 75W 0.70A 1-10V 230V C165 sXt	75	52	107	700	-40...+55°C	compatible	compatible	compatible	-	-	-	-
Xitanium 150W 0.70A 1-10V 230V S240 sXt	150	100	214	700	-40...+55°C	-	-	-	-	-	compatible	compatible
Xitanium 150W 1.05A 1-10V 230V S240 sXt	150	72	150	1000	-40...+55°C	-	-	-	compatible	compatible	-	-

Driver's						Module's						
						ML1500301.XXX	ML1701400.XXX	ML1924106.XXX	ML1924105.XXX	ML1401010.XXX	ML1500302.XXX	ML1701401.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	79	79	81	111	118	158	158
Xitanium Dim 250W 0.70A 1-10V 230V Q	250	178	357	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium Dim 75W 0.70A 1-10V 230V I220	75	52	107	700	-40...+55°C	compatible	compatible	compatible	-	-	-	-
Xitanium Dim 150W 0.70A 1-10V 230V I220	150	90	214	700	-40...+55°C	-	-	-	-	-	compatible	compatible
Xitanium Dim 250W 0.70A 1-10V 230V I220	250	178	357	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium 75W 1-10V 230V C165	75	52	107	700	-40...+55°C	compatible	compatible	compatible	-	-	-	-
Xitanium 150W 1.05A 1-10V 230V S240 sXt	150	72	150	1050	-40...+55°C	-	-	-	compatible	compatible	-	-
Xitanium 250W 1-10V 230V I220	250	118	238	700	-40...+55°C	-	-	-	-	-	compatible	compatible
Xitanium 250W 1-10V 230V Q	250	118	238	700	-40...+55°C	-	-	-	-	-	compatible	compatible
LCO 14/100-500/38 NF C ADV3	14	12	38	500	-40...+70°C	-	-	-	-	-	-	-
LCO 24/200-1050/39 NF C ADV3	24	11	39	1050	-40...+70°C	-	-	-	-	-	-	-
LCO 40/200-1050/64 NF C ADV3	40	18	64	1050	-40...+70°C	-	-	-	-	-	-	-
LCO 60/200-1050/100 NF C ADV3	60	28	100	1050	-40...+70°C	compatible	compatible	compatible	-	-	-	-
LCO 90/200-1050/165 NF C ADV3	90	46	165	1050	-40...+70°C	compatible	compatible	compatible	compatible	compatible	compatible	compatible
LCO 135/200-1050/220 NF C ADV3	135	62	220	1050	-40...+70°C	-	-	-	compatible	compatible	compatible	compatible
LCO 200/200-1050/355 NF C ADV3	200	100	355	1050	-40...+70°C	-	-	-	-	-	compatible	compatible
LCO 14/100-500/38 o4a NF C EXC3	14	12	38	500	-40...+70°C	-	-	-	-	-	-	-
LCO 24/200-1050/39 o4a NF C EXC3	24	11	39	1050	-40...+70°C	-	-	-	-	-	-	-
LCO 40/200-1050/64 o4a NF C EXC3	40	18	64	1050	-40...+70°C	-	-	-	-	-	-	-
LCO 60/200-1050/100 o4a NF C EXC3	60	28	100	1050	-40...+70°C	compatible	compatible	compatible	-	-	-	-
LCO 90/200-1050/165 o4a NF C EXC3	90	46	165	1050	-40...+70°C	compatible	compatible	compatible	compatible	compatible	compatible	compatible
LCO 135/200-1050/220 o4a NF C EXC3	135	62	220	1050	-40...+70°C	-	-	-	compatible	compatible	compatible	compatible

Driver's						Module's						
						ML1500301.XXX	ML1701400.XXX	ML1924106.XXX	ML1924105.XXX	ML1401010.XXX	ML1500302.XXX	ML1701401.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	79	79	81	111	118	158	158
LCO 200/200-1050/355 o4a NF C EXC3	200	100	355	1050	-40...+70°C	-	-	-	-	-	compatible	compatible
LCO 100/1050/95 fixC L SNC2	100	29	95	1050	-40...+65°C	compatible	compatible	compatible	-	-	-	-
LCO 100/1400/71 fixC L SNC2	100	21	71	1400	-40...+65°C	-	-	-	-	-	-	-
LCO 100/500/200 fixC L SNC2	100	60	200	500	-40...+65°C	-	-	compatible	compatible	compatible	compatible	compatible
LCO 100/700/143 fixC L SNC2	100	43	143	700	-40...+65°C	compatible	compatible	compatible	compatible	compatible	-	-
LCO 150/1050/142 fixC L SNC2	150	43	142	1050	-40...+65°C	compatible	compatible	compatible	compatible	compatible	-	-
LCO 150/1400/107 fixC L SNC2	150	32	107	1400	-40...+65°C	compatible	compatible	compatible	-	-	-	-
LCO 150/500/300 fixC L SNC2	150	90	300	500	-40...+65°C	-	-	-	-	-	compatible	compatible
LCO 150/700/214 fixC L SNC2	150	64	214	700	-40...+65°C	-	-	-	compatible	compatible	compatible	compatible
LCO 200/1050/190 fixC L SNC2	200	63	190	1050	-40...+65°C	-	-	-	compatible	compatible	compatible	compatible
LCO 200/1400/142 fixC L SNC2	200	47	142	1400	-40...+65°C	compatible	compatible	compatible	compatible	compatible	-	-
LCO 200/500/400 fixC L SNC2	200	133	400	500	-40...+65°C	-	-	-	-	-	-	-
LCO 200/700/285 fixC L SNC2	200	95	285	700	-40...+65°C	-	-	-	-	-	compatible	compatible
LCO 75/1050/72 fixC L SNC2	75	22	72	1050	-40...+65°C	-	-	-	-	-	-	-
LCO 75/1400/53 fixC L SNC2	75	16	53	1400	-40...+65°C	-	-	-	-	-	-	-
LCO 75/500/150 fixC L SNC2	75	45	150	500	-40...+65°C	compatible	compatible	compatible	compatible	compatible	-	-
LCO 75/700/108 fixC L SNC2	75	32	108	700	-40...+65°C	compatible	compatible	compatible	-	-	-	-
OT 165/220...240/1A0 1DIM G2 CE	165	130	260	1050	-40...+55°C	-	-	-	-	-	-	-
OT 165/170...240/1A0 4DIMLT2 G2 CE	165	130	260	1050	-40...+55°C	-	-	-	-	-	-	-
LCO 200W 200-1050mA 355V pD+ NFC C PRE3	200	169	355	1050	-40...+60°C	-	-	-	-	-	-	-

Driver's						Module's						
						ML1500301.XXX	ML1701400.XXX	ML1924106.XXX	ML1924105.XXX	ML1401010.XXX	ML1500302.XXX	ML1701401.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	79	79	81	111	118	158	158
LCO 135W 200–1050mA 220V pD+ NFC C PRE3	135	104	220	1050	-40...+65°C	-	-	-	-	-	compatible	compatible
LCO 90W 200–1050mA 165V pD+ NFC C PRE3	90	78	165	1050	-40...+70°C	-	-	-	compatible	compatible	compatible	compatible
OT 75/UNV/1A0 2DIM P7 - brak karty	75	-	-	1050	-40...+55°C	-	-	-	-	-	-	-
OT 100/UNV/1A0 2DIM P7	100	75	150	1050	-40...+55°C	-	-	-	compatible	compatible	-	-
OT 150/UNV/1A0 2DIM P7	150	107	214	1050	-40...+55°C	-	-	-	-	-	compatible	compatible
OT 200/UNV/1A0 2DIM P7	200	143	286	1050	-40...+55°C	-	-	-	-	-	-	-
OT 240/UNV/1A0 2DIM P7 - brak karty	240	-	-	1050	-40...+55°C	-	-	-	-	-	-	-
OT 320/UNV/1A1 2DIM P7	320	235	457	1100	-40...+55°C	-	-	-	-	-	-	-
OT 100/ 220-240/1A4 2DIM P7	100	61	144	1400	-40...+55°C	-	-	-	compatible	compatible	-	-
OT 150/ 220-240/1A4 2DIM P7	150	91	214	1400	-40...+55°C	-	-	-	-	-	compatible	compatible
OT 200/ 220-240/1A4 2DIM P7	200	121	286	1400	-40...+55°C	-	-	-	-	-	-	-
OT 240/ 220-240/1A0 2DIM P7	240	180	343	1050	-40...+55°C	-	-	-	-	-	-	-
Inventronics EUM – 100S	100	17	143	2100	-40...+75°C	compatible	compatible	compatible	compatible	compatible	-	-
Inventronics EUM – 150S	150	18	214	3150	-40...+75°C	compatible	compatible	compatible	compatible	compatible	compatible	compatible
Inventronics EUM – 200S	200	18	286	4200	-40...+75°C	compatible	compatible	compatible	compatible	compatible	compatible	compatible
Inventronics EUM – 240S	240	18	343	4900	-40...+75°C	compatible	compatible	compatible	compatible	compatible	compatible	compatible

List of LED's and electronic led driver's system:

Driver's						Module's						
						ML1924108.XXX	ML1701402.XXX	ML1701403.XXX	ML2027202.XXX	ML2027203.XXX	ML2027200.XXX	ML2027201.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	166	236	315	158	315	161	161
Osram OT 165/170-240/1A0 4DIMLT2 E	165	90	285	1050	-40...+55°C	compatible	compatible	-	compatible	-	compatible	compatible
Osram OT 60/170-240/1A0 4DIMLT2 E	60	30	115	1050	-40...+55°C	-	-	-	-	-	-	-
OT180W/UNV/800C/2DIMLT2/P6	180	82	280	800	-40...+55°C	compatible	compatible	-	compatible	-	compatible	compatible
OT100W/UNV/800C/2DIMLT2/P6	100	50	185	800	-40...+55°C	compatible	-	-	compatible	-	compatible	compatible
OT 110/170...240/1A0 1DIMLT2 G1 CE	110	80	220	1050	-40...+55°C	compatible	-	-	compatible	-	compatible	compatible
OT 20/170-240/1A0 1DIM LT2 G1 CE	22	10	38	1050	-40...+60°C	-	-	-	-	-	-	-
OT 40/170-240/1A0 1DIM LT2 G1 CE	40	15	56	1050	-40...+60°C	-	-	-	-	-	-	-
OT 75/170...240/1A0 1DIMLT2 G1 CE	75	35	115	1050	-40...+55°C	-	-	-	-	-	-	-
Philips Xi Dim 250W 0.7A 1-10V 230V	250	178	357	700	-40...+55°C	-	-	compatible	-	compatible	-	-
Philips Xi LP 150W 0.3-1.0A S1 230V S240 sXt	150	70	214	1050	-40...+55°C	compatible	-	-	compatible	-	compatible	compatible
Tridonic LCA 120W 300-1050mA 1-10V ADV	120	40	114	1050	-30...+55°C	-	-	-	-	-	-	-
Tridonic LCA 75W 250-750mA one4all C	75	45	130	750	-40...+70°C	-	-	-	-	-	-	-
Tridonic LCA 120W 350-1050mA o	120	105	320	1050	-40...+70°C	compatible	compatible	compatible	compatible	compatible	compatible	compatible
Tridonic LCA 160W 350-1050mA o	160	105	320	1050	-40...+70°C	compatible	compatible	compatible	compatible	compatible	compatible	compatible
OT DX 40/220...240/1A0 DIMA LT2 E	40	15	56	1050	-40...+55°C	-	-	-	-	-	-	-
OT DX 75/220...240/1A0 DIMA LT2 E	75	35	115	1050	-40...+55°C	-	-	-	-	-	-	-
OT DX 110/220...240/1A0 DIMA LT2 E	110	75	220	1050	-40...+55°C	compatible	-	-	compatible	-	compatible	compatible
OT DX 165/220...240/1A0 DIMA LT2 E	165	130	260	1050	-40...+55°C	-	compatible	-	-	-	-	-
OT 20/170...240/1A0 4DIMLT2 G2 CE	20	10	38	1050	-40...+60°C	-	-	-	-	-	-	-
OT 40/170...240/1A0 4DIMLT2 G2 CE	40	15	56	1050	-40...+60°C	-	-	-	-	-	-	-

Driver's						Module's						
						ML1924108.XXX	ML1701402.XXX	ML1701403.XXX	ML2027202.XXX	ML2027203.XXX	ML2027200.XXX	ML2027201.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	166	236	315	158	315	161	161
OT 75/170...240/1A0 4DIMLT2 G2 CE	75	35	115	1050	-40...+55°C	-	-	-	-	-	-	-
OT 110/170...240/1A0 4DIMLT2 G2 CE	110	80	220	1050	-40...+60°C	compatible	-	-	compatible	-	compatible	compatible
OT 20/170...240/1A0 1DIMLT2 G1 CE	20	10	38	1050	-40...+55°C	-	-	-	-	-	-	-
OT 40/170...240/1A0 1DIMLT2 G1 CE	40	15	56	1050	-40...+60°C	-	-	-	-	-	-	-
OT 110/170...240/1A0 1DIMLT2 G1 CE	110	80	220	1050	-40...+55°C	compatible	-	-	compatible	-	compatible	compatible
OT 40/120...277/1A0 4DIMLT2 E	40	15	56	1050	-40...+60°C	-	-	-	-	-	-	-
OT 60/170...240/1A0 4DIMLT2 E	60	30	115	1050	-40...+60°C	-	-	-	-	-	-	-
OT 90/170...240/1A0 4DIMLT2 E	90	57	186	1050	-40...+55°C	compatible	-	-	compatible	-	compatible	compatible
OT 165/170...240/1A0 4DIMLT2 E	165	90	285	1050	-40...+55°C	compatible	compatible	-	compatible	-	compatible	compatible
OT 50/120...277/800 2DIMLT2 P	50	30	115	800	-40...+55°C	-	-	-	-	-	-	-
OT 50/120...277/1A2 2DIMLT2 P	50	20	55	1250	-40...+55°C	-	-	-	-	-	-	-
OT 100/120...277/800 2DIMLT2 P	100	50	186	800	-40...+55°C	compatible	-	-	compatible	-	compatible	compatible
OT 110/120...277/1A4 2DIMLT2 P	110	35	85	1400	-40...+55°C	-	-	-	-	-	-	-
OT 60/220...240/1A4 1DIMA P7	60	43	86	1400	-40...+55°C	-	-	-	-	-	-	-
OT 100/220...240/1A4 1DIMA P7	100	72	144	1400	-40...+55°C	-	-	-	-	-	-	-
OT 150/220...240/1A4 1DIMA P7	150	91	350	1400	-40...+55°C	compatible	compatible	compatible	compatible	compatible	compatible	compatible
OT 200/220...240/1A4 1DIMA P7	200	121	286	1400	-40...+55°C	compatible	compatible	-	-	-	-	-
Xitanium 40W 0.7A Prog+ GL-J sXt	40	29	57	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium 75W 0.35-0.70A GL Prog+ sXt	75	80	152	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium 75W 0.1-1.05A Prog GL F sXt	75	36	75	1050	-40...+55°C	-	-	-	-	-	-	-
Xitanium 100W 0.7A Prog+ GL-Z sXt	100	71	143	700	-40...+55°C	-	-	-	-	-	-	-

Driver's						Module's						
						ML1924108.XXX	ML1701402.XXX	ML1701403.XXX	ML2027202.XXX	ML2027203.XXX	ML2027200.XXX	ML2027201.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	166	236	315	158	315	161	161
Xitanium 150W 0.1-1.05A Prog+ GL F sXt	150	70	148	1050	-40...+55°C	-	-	-	-	-	-	-
Xitanium 150W 0.35-0.70A GL Prog sXt	150	125	280	700	-40...+55°C	-	compatible	-	-	-	-	-
Xitanium 300W 1.5A Prog+ GL-R sXt	300	80	280	1050	-40...+55°C	compatible	compatible	-	compatible	-	compatible	compatible
Xi BP 12W 0.1-0.5A S 230V C100	12	13	39	500	-40...+55°C	-	-	-	-	-	-	-
Xi BP 22W 0.2-0.7A S 230V C123	22	16	48	700	-40...+55°C	-	-	-	-	-	-	-
Xi BP 40W 0.2-0.7A S 230V C123	40	25	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi BP 40W 0.3-1.0A S 230V C123	40	20	54	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 22W 0.2-0.7A S1 230V C123 sXt	22	16	48	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 22W 0.3-1.0A S1 230V C123 sXt	22	8	32	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 40W 0.2-0.7A S1 230V C123 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 40W 0.3-1.0A S1 230V C123 sXt	40	20	54	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 75W 0.2-0.7A S1 230V C133 sXt	75	50	150	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 75W 0.3-1.0A S1 230V C133 sXt	75	35	108	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 75W 0.5-1.5A S1 230V C133 sXt	75	25	75	1500	-40...+55°C	-	-	-	-	-	-	-
Xi LP 110W 0.2-0.7A S1 230V C133 sXt	110	70	220	700	-40...+55°C	compatible	-	-	compatible	-	compatible	compatible
Xi LP 110W 0.3-1.0A S1 230V C133 sXt	110	50	160	1000	-40...+55°C	-	-	-	compatible	-	-	-
Xi LP 165W 0.2-0.7A S1 230V C170 sXt	165	100	300	700	-40...+55°C	compatible	compatible	-	compatible	-	compatible	compatible
Xi LP 165W 0.3-1.0A S1 230V C170 sXt	165	80	235	1000	-40...+55°C	compatible	-	-	compatible	-	compatible	compatible
Xi LP 165W 0.5-1.5A S1 230V C170 sXt	165	54	157	1500	-40...+55°C	-	-	-	-	-	-	-
Xi LP 22W 0.2-0.7A S1 230V S175 sXt	22	16	48	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 22W 0.3-1.0A S1 230V S175 sXt	22	8	32	1000	-40...+55°C	-	-	-	-	-	-	-

Driver's						Module's						
						ML1924108.XXX	ML1701402.XXX	ML1701403.XXX	ML2027202.XXX	ML2027203.XXX	ML2027200.XXX	ML2027201.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	166	236	315	158	315	161	161
Xi LP 40W 0.2-0.7A S1 230V S175 sXt	40	23	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 40W 0.2-0.7A SL 230V S175 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 40W 0.3-1.0A S1 230V S175 sXt	40	20	54	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 40W 0.3-1.0A SL 230V S175 sXt	40	20	54	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 40W 0.2-0.7A SN 230V S175 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 75W 0.2-0.7A S1 230V S240 sXt	75	50	150	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 75W 0.2-0.7A SL 230V S240 sXt	75	50	150	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 75W 0.3-1.0A S1 230V S240 sXt	75	35	108	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 75W 0.3-1.0A SL 230V S240 sXt	75	35	108	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 75W 0.2-0.7A SN 230V S240 sXt	75	50	150	700	-40...+55°C	-	-	-	-	-	-	-
Xi LP 75W 0.5-1.5A S1 230V S240 sXt	75	25	75	1500	-40...+55°C	-	-	-	-	-	-	-
Xi LP 150W 0.2-0.7A S1 230V S240 sXt	150	90	283	700	-40...+55°C	compatible	compatible	-	compatible	-	compatible	compatible
Xi LP 150W 0.2-0.7A SL 230V S240 sXt	150	90	283	700	-40...+55°C	compatible	compatible	-	compatible	-	compatible	compatible
Xi LP 150W 0.3-1.0A SL 230V S240 sXt	150	70	214	1000	-40...+55°C	compatible	-	-	compatible	-	compatible	compatible
Xi LP 150W 0.5-1.5A S1 230V S240 sXt	150	50	142	1500	-40...+55°C	-	-	-	-	-	-	-
Xi LP 150W 0.2-0.7A SN 230V S240 sXt	150	90	283	700	-40...+55°C	compatible	compatible	-	compatible	-	compatible	compatible
Xi FP 22W 0.2-0.7A SNLDAE 230V C123 sXt	22	16	48	700	-40...+55°C	-	-	-	-	-	-	-
Xi FP 22W 0.3-1.0A SNLDAE 230V C123 sXt	22	8	32	1000	-40...+55°C	-	-	-	-	-	-	-
Xi FP 40W 0.2-0.7A SNLDAE 230V C123 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi FP 40W 0.3-1.0A SNLDAE 230V C123 sXt	40	20	54	1000	-40...+55°C	-	-	-	-	-	-	-
Xi FP 70W 0.3-1.0A NLD C150 230V sXt	70	30	100	1000	-30...+60°C	-	-	-	-	-	-	-

Driver's						Module's						
						ML1924108.XXX	ML1701402.XXX	ML1701403.XXX	ML2027202.XXX	ML2027203.XXX	ML2027200.XXX	ML2027201.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	166	236	315	158	315	161	161
Xi FP 75W 0.2-0.7A SNLDAE 230V C133 sXt	75	50	150	700	-40...+55°C	-	-	-	-	-	-	-
Xi FP 75W 0.3-1.0A SNLDAE 230V C133 sXt	75	35	108	1000	-40...+55°C	-	-	-	-	-	-	-
Xi FP 75W 0.5-1.5A SNLDAE 230V C133 sXt	75	25	71	1500	-40...+55°C	-	-	-	-	-	-	-
Xi FP 100W 0.2-0.7A SNLDAE 230V C165 sXt	100	50	150	700	-40...+55°C	-	-	-	-	-	-	-
Xi FP 110W 0.2-0.7A SNLDAE 230V C133 sXt	110	70	220	700	-40...+55°C	compatible	-	-	compatible	-	compatible	compatible
Xi FP 110W 0.3-1.0A NLD C150 230V sXt	110	60	200	1000	-30...+60°C	compatible	-	-	compatible	-	compatible	compatible
Xi FP 110W 0.3-1.0A SNLDAE 230V C133 sXt	110	50	160	1000	-40...+55°C	-	-	-	compatible	-	-	-
Xi FP 165W 0.3-1.0A SNLDAE 230V C170 sXt	165	80	235	1000	-40...+55°C	compatible	-	-	compatible	-	compatible	compatible
Xi FP 165W 0.2-0.7A SNLDAE 230V C170 sXt	165	100	300	700	-40...+55°C	compatible	compatible	-	compatible	-	compatible	compatible
Xi FP 330W 0.2-0.75A SNDAE 230V C240 sXt	330	100	300	750	-40...+55°C	compatible	compatible	-	compatible	-	compatible	compatible
Xi FP 22W 0.2-0.7A SNLDAE 230V S175 sXt	22	16	48	700	-40...+55°C	-	-	-	-	-	-	-
Xi FP 22W 0.3-1.0A SNLDAE 230V S175 sXt	22	8	32	1000	-40...+55°C	-	-	-	-	-	-	-
Xi FP 40W 0.2-7.0A SNLDAE 230V S175 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi FP 40W 0.3-1.0A SNLDAE 230V S175 sXt	40	20	54	1000	-40...+55°C	-	-	-	-	-	-	-
Xi FP 75W 0.2-0.7A SNLDAE 230V S240 sXt	75	50	150	700	-40...+55°C	-	-	-	-	-	-	-
Xi FP 75W 0.3-1.0A SNLDAE 230V S240 sXt	75	35	108	1000	-40...+55°C	-	-	-	-	-	-	-
Xi FP 150W 0.2-0.7A SNLDAE 230V S240 sXt	150	90	283	700	-40...+55°C	compatible	compatible	-	compatible	-	compatible	compatible
Xi FP 150W 0.3-1.0A SNLDAE 230V S240 sXt	150	70	214	1000	-40...+55°C	compatible	-	-	compatible	-	compatible	compatible
Xi SR 12W 0.2-0.7A SNEMP 230V C133 sXt	12	8	32	700	-40...+55°C	-	-	-	-	-	-	-
Xi SR 22W 0.2-0.7A SNEMP 230V C133 sXt	22	16	48	700	-40...+55°C	-	-	-	-	-	-	-

Driver's						Module's						
						ML1924108.XXX	ML1701402.XXX	ML1701403.XXX	ML2027202.XXX	ML2027203.XXX	ML2027200.XXX	ML2027201.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	166	236	315	158	315	161	161
Xi SR 40W 0.2-0.7A SNEMP 230V C133 sXt	40	25	77	700	-40...+55°C	-	-	-	-	-	-	-
Xi SR 75W 0.2-0.7A SNEMP 230V C150 sXt	75	50	150	700	-40...+55°C	-	-	-	-	-	-	-
Xi SR 75W 0.2-0.7A SNEMP 230V S240 sXt	75	50	150	700	-40...+55°C	-	-	-	-	-	-	-
Xi SR 110W 0.2-0.7A SNEMP 230V C150 sXt	110	70	220	700	-40...+55°C	compatible	-	-	compatible	-	compatible	compatible
Xi SR 150W 0.2-0.7A SNEMP 230V S240 sXt	150	90	283	700	-40...+55°C	compatible	compatible	-	compatible	-	compatible	compatible
Xitanium 100W 2.1-4.2A AOC 230V I220	100	12	48	4200	-40...+55°C	-	-	-	-	-	-	-
Xitanium 150W 2.5-4.9A AOC 230V I220	150	15	61	4900	-40...+55°C	-	-	-	-	-	-	-
Xitanium 200W 2.8-5.6A AOC 230V I250	200	18	71	5600	-40...+55°C	-	-	-	-	-	-	-
Xi LP 100W 0.3-1.05A S1 230V I175	100	46	143	1000	-40...+55°C	-	-	-	-	-	-	-
Xi LP 150W 0.3-1.05A S1 230V I175	150	72	214	1000	-40...+55°C	compatible	-	-	compatible	-	compatible	compatible
Xi LP 220W 0.3-1.05A S1 230V I230	220	104	314	1000	-40...+55°C	compatible	compatible	-	compatible	-	compatible	compatible
Xi LP 220W 0.5-1.5A S1 230V I230	220	73	210	1500	-40...+55°C	compatible	-	-	compatible	-	compatible	compatible
Xitanium Dim 35W 0.7A 1-10V TWE I175	35	18	50	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium Dim 100W 0.7A 1-10V TWE I220	100	71	143	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium Dim 150W 0.7A 1-10V TWE I220	150	90	214	700	-40...+55°C	compatible	-	-	compatible	-	compatible	compatible
Xitanium 75W 0.7A TWE I175	75	40	117	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium 150W 0.7A TWE I220	150	90	214	700	-40...+55°C	compatible	-	-	compatible	-	compatible	compatible
Xitanium 75W 1.05A 1-10V 230V C165 sXt	75	36	75	1000	-40...+55°C	-	-	-	-	-	-	-
Xitanium 75W 0.70A 1-10V 230V C165 sXt	75	52	107	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium 150W 0.70A 1-10V 230V S240 sXt	150	100	214	700	-40...+55°C	compatible	-	-	compatible	-	compatible	compatible
Xitanium 150W 1.05A 1-10V 230V S240 sXt	150	72	150	1000	-40...+55°C	-	-	-	-	-	-	-

Driver's						Module's						
						ML1924108.XXX	ML1701402.XXX	ML1701403.XXX	ML2027202.XXX	ML2027203.XXX	ML2027200.XXX	ML2027201.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	166	236	315	158	315	161	161
Xitanium Dim 250W 0.70A 1-10V 230V Q	250	178	357	700	-40...+55°C	-	-	compatible	-	compatible	-	-
Xitanium Dim 75W 0.70A 1-10V 230V I220	75	52	107	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium Dim 150W 0.70A 1-10V 230V I220	150	90	214	700	-40...+55°C	compatible	-	-	compatible	-	compatible	compatible
Xitanium Dim 250W 0.70A 1-10V 230V I220	250	178	357	700	-40...+55°C	-	-	compatible	-	compatible	-	-
Xitanium 75W 1-10V 230V C165	75	52	107	700	-40...+55°C	-	-	-	-	-	-	-
Xitanium 150W 1.05A 1-10V 230V S240 sXt	150	72	150	1050	-40...+55°C	-	-	-	-	-	-	-
Xitanium 250W 1-10V 230V I220	250	118	238	700	-40...+55°C	compatible	compatible	-	compatible	-	compatible	compatible
Xitanium 250W 1-10V 230V Q	250	118	238	700	-40...+55°C	compatible	compatible	-	compatible	-	compatible	compatible
LCO 14/100-500/38 NF C ADV3	14	12	38	500	-40...+70°C	-	-	-	-	-	-	-
LCO 24/200-1050/39 NF C ADV3	24	11	39	1050	-40...+70°C	-	-	-	-	-	-	-
LCO 40/200-1050/64 NF C ADV3	40	18	64	1050	-40...+70°C	-	-	-	-	-	-	-
LCO 60/200-1050/100 NF C ADV3	60	28	100	1050	-40...+70°C	-	-	-	-	-	-	-
LCO 90/200-1050/165 NF C ADV3	90	46	165	1050	-40...+70°C	-	-	-	compatible	-	compatible	compatible
LCO 135/200-1050/220 NF C ADV3	135	62	220	1050	-40...+70°C	compatible	-	-	compatible	-	compatible	compatible
LCO 200/200-1050/355 NF C ADV3	200	100	355	1050	-40...+70°C	compatible	compatible	compatible	compatible	compatible	compatible	compatible
LCO 14/100-500/38 o4a NF C EXC3	14	12	38	500	-40...+70°C	-	-	-	-	-	-	-
LCO 24/200-1050/39 o4a NF C EXC3	24	11	39	1050	-40...+70°C	-	-	-	-	-	-	-
LCO 40/200-1050/64 o4a NF C EXC3	40	18	64	1050	-40...+70°C	-	-	-	-	-	-	-
LCO 60/200-1050/100 o4a NF C EXC3	60	28	100	1050	-40...+70°C	-	-	-	-	-	-	-
LCO 90/200-1050/165 o4a NF C EXC3	90	46	165	1050	-40...+70°C	-	-	-	compatible	-	compatible	compatible
LCO 135/200-1050/220 o4a NF C EXC3	135	62	220	1050	-40...+70°C	compatible	-	-	compatible	-	compatible	compatible

Driver's						Module's						
						ML1924108.XXX	ML1701402.XXX	ML1701403.XXX	ML2027202.XXX	ML2027203.XXX	ML2027200.XXX	ML2027201.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	166	236	315	158	315	161	161
LCO 200/200-1050/355 o4a NF C EXC3	200	100	355	1050	-40...+70°C	compatible	compatible	compatible	compatible	compatible	compatible	compatible
LCO 100/1050/95 fixC L SNC2	100	29	95	1050	-40...+65°C	-	-	-	-	-	-	-
LCO 100/1400/71 fixC L SNC2	100	21	71	1400	-40...+65°C	-	-	-	-	-	-	-
LCO 100/500/200 fixC L SNC2	100	60	200	500	-40...+65°C	compatible	-	-	compatible	-	compatible	compatible
LCO 100/700/143 fixC L SNC2	100	43	143	700	-40...+65°C	-	-	-	-	-	-	-
LCO 150/1050/142 fixC L SNC2	150	43	142	1050	-40...+65°C	-	-	-	-	-	-	-
LCO 150/1400/107 fixC L SNC2	150	32	107	1400	-40...+65°C	-	-	-	-	-	-	-
LCO 150/500/300 fixC L SNC2	150	90	300	500	-40...+65°C	compatible	compatible	-	compatible	-	compatible	compatible
LCO 150/700/214 fixC L SNC2	150	64	214	700	-40...+65°C	compatible	-	-	compatible	-	compatible	compatible
LCO 200/1050/190 fixC L SNC2	200	63	190	1050	-40...+65°C	compatible	-	-	compatible	-	compatible	compatible
LCO 200/1400/142 fixC L SNC2	200	47	142	1400	-40...+65°C	-	-	-	-	-	-	-
LCO 200/500/400 fixC L SNC2	200	133	400	500	-40...+65°C	-	compatible	compatible	-	compatible	-	-
LCO 200/700/285 fixC L SNC2	200	95	285	700	-40...+65°C	compatible	compatible	-	compatible	-	compatible	compatible
LCO 75/1050/72 fixC L SNC2	75	22	72	1050	-40...+65°C	-	-	-	-	-	-	-
LCO 75/1400/53 fixC L SNC2	75	16	53	1400	-40...+65°C	-	-	-	-	-	-	-
LCO 75/500/150 fixC L SNC2	75	45	150	500	-40...+65°C	-	-	-	-	-	-	-
LCO 75/700/108 fixC L SNC2	75	32	108	700	-40...+65°C	-	-	-	-	-	-	-
OT 165/220...240/1A0 1DIM G2 CE	165	130	260	1050	-40...+55°C	-	compatible	-	-	-	-	-
OT 165/170...240/1A0 4DIMLT2 G2 CE	165	130	260	1050	-40...+55°C	-	compatible	-	-	-	-	-
LCO 200W 200-1050mA 355V pD+ NFC C PRE3	200	169	355	1050	-40...+60°C	-	compatible	compatible	-	compatible	-	-

Driver's						Module's						
						ML1924108.XXX	ML1701402.XXX	ML1701403.XXX	ML2027202.XXX	ML2027203.XXX	ML2027200.XXX	ML2027201.XXX
						U max [V]						
Name	P [W]	U min [V]	U max [V]	I max [mA]	Ta [min..max]	166	236	315	158	315	161	161
LCO 135W 200–1050mA 220V pD+ NFC C PRE3	135	104	220	1050	-40...+65°C	compatible	-	-	compatible	-	compatible	compatible
LCO 90W 200–1050mA 165V pD+ NFC C PRE3	90	78	165	1050	-40...+70°C	-	-	-	compatible	-	compatible	compatible
OT 75/UNV/1A0 2DIM P7 - brak karty	75	-	-	1050	-40...+55°C	-	-	-	-	-	-	-
OT 100/UNV/1A0 2DIM P7	100	75	150	1050	-40...+55°C	-	-	-	-	-	-	-
OT 150/UNV/1A0 2DIM P7	150	107	214	1050	-40...+55°C	compatible	-	-	compatible	-	compatible	compatible
OT 200/UNV/1A0 2DIM P7	200	143	286	1050	-40...+55°C	-	compatible	-	-	-	-	-
OT 240/UNV/1A0 2DIM P7 - brak karty	240	-	-	1050	-40...+55°C	-	-	-	-	-	-	-
OT 320/UNV/1A1 2DIM P7	320	235	457	1100	-40...+55°C	-	-	compatible	-	compatible	-	-
OT 100/ 220-240/1A4 2DIM P7	100	61	144	1400	-40...+55°C	-	-	-	-	-	-	-
OT 150/ 220-240/1A4 2DIM P7	150	91	214	1400	-40...+55°C	compatible	-	-	compatible	-	compatible	compatible
OT 200/ 220-240/1A4 2DIM P7	200	121	286	1400	-40...+55°C	compatible	compatible	-	-	-	-	-
OT 240/ 220-240/1A0 2DIM P7	240	180	343	1050	-40...+55°C	-	-	compatible	-	compatible	-	-
Inventronics EUM – 100S	100	17	143	2100	-40...+75°C	-	-	-	-	-	-	-
Inventronics EUM – 150S	150	18	214	3150	-40...+75°C	compatible	-	-	compatible	-	compatible	compatible
Inventronics EUM – 200S	200	18	286	4200	-40...+75°C	compatible	compatible	-	compatible	-	compatible	compatible
Inventronics EUM – 240S	240	18	343	4900	-40...+75°C	compatible	compatible	compatible	compatible	compatible	compatible	compatible

After review of technical documentation, model series, characteristic of particular models, differences between models, technical parameters, class of luminaires, IP code, light sources, components, etc., luminaire 130222.3LR7B27S1765.246.Z.V.K and 130222.3LR7B40S2765.238.P have been tested as the representative of all models of luminaires.

The tests were performed for worst power supply parameters of the product

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
3.2 (0)	GENERAL TEST REQUIREMENTS		P
3.2 (0.3)	More sections applicable..... :	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Section/s:	—
3.2 (0.5)	Components	(see Annex 1)	—
3.2 (0.7)	Information for luminaire design in light sources standards		—
3.2 (0.7.2)	Light source safety standard	EN62031	—
	Luminaire design in the light source safety standard		P

3.4 (2)	CLASSIFICATION OF LUMINAIRES		P
3.4 (2.2)	Type of protection	Class II	P
3.4 (2.3)	Degree of protection..... :	IP 66	P
3.4 (2.4)	Luminaire suitable for direct mounting on normally flammable surfaces	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	—
3.4 (2.5)	Luminaire for normal use	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	—
	Luminaire for rough service	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	—
3.4 (-)	Modes of installation of road or street lighting		—
	a) on a pipe	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	—
	b) on a mast arm	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	—
	c) on a post top	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	—
	d) on span or suspension wires	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	—
	e) on a wall	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	—

3.5 (3)	MARKING		P
3.5 (3.2)	Mandatory markings		P
	Position of the marking		P
	Format of symbols/text		P
3.5 (3.3)	Additional information		P
	Language of instructions		P
3.5 (3.3.1)	Combination luminaires		N/A
3.5 (3.3.2)	Nominal frequency in Hz		P
3.5 (3.3.3)	Operating temperature		P
3.5 (3.3.5)	Wiring diagram		P
3.5 (3.3.6)	Special conditions		N/A
3.5 (3.3.7)	Metal halide lamp luminaire – warning		N/A

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
3.5 (3.3.8)	Limitation for semi-luminaires		N/A
3.5 (3.3.9)	Power factor and supply current		P
3.5 (3.3.10)	Suitability for use indoors		N/A
3.5 (3.3.11)	Luminaires with remote control		N/A
3.5 (3.3.12)	Clip-mounted luminaire – warning		N/A
3.5 (3.3.13)	Specifications of protective shields		N/A
3.5 (3.3.14)	Symbol for nature of supply		P
3.5 (3.3.15)	Rated current of socket outlet		N/A
3.5 (3.3.16)	Rough service luminaire		N/A
3.5 (3.3.17)	Mounting instruction for type Y, type Z and some type X attachments		N/A
3.5 (3.3.18)	Non-ordinary luminaires with PVC cable		N/A
3.5 (3.3.19)	Protective conductor current in instruction if applicable		N/A
3.5 (3.3.20)	Provided with information if not intended to be mounted within arm's reach		N/A
3.5 (3.3.21)	Non-replaceable and non-user replaceable light sources information provided		P
3.5 (3.3.22)	Controllable luminaires, classification of insulation provided		N/A
3.5 (3.3.23)	Luminaire without controlgear provided with necessary information for selection of appropriate component		N/A
3.5 (3.3.24)	If not supplied with terminal block, information on the packaging		N/A
3.5 (3.4)	Test with water		P
	Test with hexane		P
	Legible after test		P
	Label attached		P
3.5 (-)	Additional information in instruction leaflet		P
	a) Design attitude		P
	b) Weight		P
	c) Overall dimensions		P
	d) Maximum projected area if applicable		P
	e) Cross-sectional area of wires if applicable		N/A
	f) Suitability for indoors use		N/A
	g) Dimensions of the compartment		N/A

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
	h) Torque setting to be applied to bolts or screws		P
	i) Maximum mounting height		P
3.6 (4)	CONSTRUCTION		P
3.6 (4.2)	Components replaceable without difficulty		P
3.6 (4.3)	Wireways smooth and free from sharp edges		P
3.6 (4.4)	Lampholders		N/A
3.6 (4.4.1)	Integral lampholder		N/A
3.6 (4.4.2)	Wiring connection		N/A
3.6 (4.4.3)	Lampholder for end-to-end mounting		N/A
3.6 (4.4.4)	Positioning		N/A
	- pressure test (N)	N/A	—
	After test the lampholder comply with relevant standard sheets and show no damage		N/A
	After test on single-capped lampholder the lampholder have not moved from its position and show no permanent deformation		N/A
	- bending test (N)	N/A	—
	After test the lampholder have not moved from its position and show no permanent deformation		N/A
3.6 (4.4.5)	Peak pulse voltage		N/A
3.6 (4.4.6)	Centre contact		N/A
3.6 (4.4.7)	Parts in rough service luminaires resistant to tracking		N/A
3.6 (4.4.8)	Lamp connectors		N/A
3.6 (4.4.9)	Caps and bases correctly used		N/A
3.6 (4.4.10)	Light source for lampholder or connection according IEC 60061 not connected another way		N/A
3.6 (4.5)	Starter holders		N/A
	Starter holder in luminaires other than class II		N/A
	Starter holder class II construction		N/A
3.6 (4.6)	Terminal blocks		N/A
	Tails		N/A
	Unsecured blocks		N/A
3.6 (4.7)	Terminals and supply connections		P
3.6 (4.7.1)	Contact to metal parts		N/A
3.6 (4.7.2)	Test 8 mm live conductor		P

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
	Test 8 mm earth conductor		P
3.6 (4.7.3)	Terminals for supply conductors		P
3.6 (4.7.3.1)	Welded method and material		N/A
	- stranded or solid conductor		N/A
	- spot welding		N/A
	- welding between wires		N/A
	- Type Z attachment		N/A
	- mechanical test according to 15.6.2		N/A
	- electrical test according to 15.6.3		N/A
	- heat test according to 15.6.3.2.3 and 15.6.3.2.4		N/A
3.6 (4.7.4)	Terminals other than supply connection		P
3.6 (4.7.5)	Heat-resistant wiring/sleeves		N/A
3.6 (4.7.6)	Multi-pole plug		N/A
	- test at 30 N		N/A
3.6 (4.8)	Switches		N/A
	- adequate rating		N/A
	- adequate fixing		N/A
	- polarized supply		N/A
	- compliance with IEC 61058-1 for electronic switches		N/A
3.6 (4.9)	Insulating lining and sleeves		P
3.6 (4.9.1)	Retainment		P
	Method of fixing : Screwed		P
3.6 (4.9.2)	Insulated linings and sleeves:		
	Resistant to a temperature > 20 °C to the wire temperature or		P
	a) & c) Insulation resistance and electric strength		N/A
	b) Ageing test. Temperature (°C) : N/A		N/A
3.6 (4.10)	Double or reinforced insulation		P
3.6 (4.10.1)	No contact, mounting surface – accessible metal parts – wiring of basic insulation		P
	Safe installation fixed luminaires		P
	Capacitors and switches		N/A
	Interference suppression capacitors according to IEC 60384-14		N/A

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
3.6 (4.10.2)	Assembly gaps:		
	- not coincidental		P
	- no straight access with test probe		P
3.6 (4.10.3)	Retention of insulation:		
	- fixed		P
	- unable to be replaced; luminaire inoperative		P
	- sleeves retained in position		P
	- lining in lampholder		N/A
3.6 (4.10.4)	Protective impedance device		N/A
	Double or reinforced insulation bridged by appropriate and at least two resistors or two Y2 capacitors or one Y1 capacitor		N/A
	Y1 or Y2 capacitors comply with IEC 60384-14		N/A
	Resistors comply with test (a) in 14.1 of IEC 60065		N/A
3.6 (4.11)	Electrical connections and current-carrying parts		P
3.6 (4.11.1)	Contact pressure		P
3.6 (4.11.2)	Screws:		
	- self-tapping screws		N/A
	- thread-cutting screws		N/A
3.6 (4.11.3)	Screw locking:		
	- spring washer		N/A
	- rivets		N/A
3.6 (4.11.4)	Material of current-carrying parts		P
3.6 (4.11.5)	No contact to wood or mounting surface		P
3.6 (4.11.6)	Electro-mechanical contact systems		N/A
3.6 (4.12)	Screws and connections (mechanical) and glands		P
3.6 (4.12.1)	Screws not made of soft metal		P
	Screws of insulating material		N/A
	Torque test: torque (Nm); part..... : lid of control gear chamber: 2,0Nm control gear, screws: 1,2 Nm connector: 0,8 Nm		P
	Torque test: torque (Nm); part..... : glass: 1,2 Nm		P
	Torque test: torque (Nm); part..... : spigot: 20 Nm		P
3.6 (4.12.2)	Screws with diameter < 3 mm screwed into metal		N/A

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
3.6 (4.12.4)	Locked connections:		
	- fixed arms; torque (Nm)		N/A
	- lampholder; torque (Nm)		N/A
	- push-button switches; torque 0,8 Nm		N/A
3.6 (4.12.5)	Screwed glands; force (Nm).....		N/A
3.6 (4.13)	Mechanical strength		P
3.6 (4.13.1)	Impact tests:		
	- fragile parts; energy (Nm)	0,5 Nm	P
	- other parts; energy (Nm)	0,7 Nm	P
	1) live parts		P
	2) linings		P
	3) protection		P
	4) covers		P
3.6 (4.13.2)	Metal parts have adequate mechanical strength		N/A
3.6 (4.13.3)	Straight test finger		P
3.6 (4.13.4)	Rough service luminaires		N/A
	- IP54 or higher		N/A
	a) fixed		N/A
	b) hand-held		N/A
	c) delivered with a stand		N/A
	d) for temporary installations and suitable for mounting on a stand		N/A
3.6 (4.13.6)	Tumbling barrel		N/A
3.6 (4.14)	Suspensions, fixings and means of adjusting		P
3.6 (4.14.1)	Mechanical load:		
	A) four times the weight		P
	B) torque 2,5 Nm		P
	C) bracket arm; bending moment (Nm).....		N/A
	D) load track-mounted luminaires		N/A
	E) clip-mounted luminaires, glass-shelve. Thickness (mm)		N/A
	Metal rod. diameter (mm)		N/A
	Fixed luminaire or independent control gear without fixing devices		N/A
3.6 (4.14.2)	Load to flexible cables		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	Mass (kg)	N/A	—
	Stress in conductors (N/mm ²)		N/A
	Mass (kg) of semi-luminaire		N/A
	Bending moment (Nm) of semi-luminaire		N/A
3.6 (4.14.3)	Adjusting devices:		
	- flexing test; number of cycles.....		N/A
	- strands broken		N/A
	- electric strength test afterwards		N/A
3.6 (4.14.4)	Telescopic tubes: cords not fixed to tube; no strain on conductors		N/A
3.6 (4.14.5)	Guide pulleys		N/A
3.6 (4.14.6)	Strain on socket-outlets		N/A
3.6 (4.15)	Flammable materials		N/A
	- glow-wire test 650°C	See Test Table 3.15 (13.3.2)	N/A
	- spacing ≥30 mm		N/A
	- screen withstanding test of 13.3.1		N/A
	- screen dimensions		N/A
	- no fiercely burning material		N/A
	- thermal protection		N/A
	- electronic circuits exempted		N/A
3.6 (4.15.2)	Luminaires made of thermoplastic material with lamp control gear		N/A
	a) construction		N/A
	b) temperature sensing control		N/A
	c) surface temperature		N/A
3.6 (4.16)	Luminaires for mounting on normally flammable surfaces		P
	No lamp control gear	(compliance with Section 12)	N/A
	Provided with adaptor for a track meet the requirements for direct mounting on normally flammable surfaces		N/A
3.6 (4.16.1)	Lamp control gear spacing:		
	- spacing 35 mm		N/A
	- spacing 10 mm		N/A
3.6 (4.16.2)	Thermal protection:		
	- in lamp control gear		P
	- external		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	- fixed position		N/A
	- temperature marked lamp control gear	130 °C	P
3.6 (4.16.3)	Design to satisfy the test of 12.6	(see clause 12.6)	N/A
3.6 (4.17)	Drain holes		N/A
	Clearance at least 5 mm		N/A
3.6 (4.18)	Resistance to corrosion		P
3.6 (4.18.1)	- rust-resistance		P
3.6 (4.18.2)	- season cracking in copper		P
3.6 (4.18.3)	- corrosion of aluminium		P
3.6 (4.19)	Igniters compatible with ballast		N/A
3.6 (4.20)	Rough service vibration		N/A
3.6 (4.21)	Protective shield		N/A
3.6 (4.21.1)	Shield fitted if tungsten halogen lamps or metal halide lamps		N/A
	Shield of glass if tungsten halogen lamps		N/A
3.6 (4.21.2)	Particles from a shattering lamp not impair safety		N/A
3.6 (4.21.3)	No direct path		N/A
3.6 (4.21.4)	Impact test on shield		N/A
	Glow-wire test on lamp compartment..... :	See Test Table 3.15 (13.3.2)	N/A
3.6 (4.22)	Attachments to lamps not cause overheating or damage		N/A
3.6 (4.23)	Semi-luminaires comply Class II		N/A
3.6 (4.24)	Photobiological hazards		P
3.6 (4.24.1)	No excessive UV radiation if tungsten halogen lamps and metal halide lamps (Annex P)		N/A
3.6 (4.24.2)	Retinal blue light hazard		P
	Class of risk group assessed according to IEC/TR 62778	RG1 - for all tested the luminaires Unlimited Risk Group 0 for distance $\geq 3,88$ m	—
	Luminaires with E_{thr} :		
	a) Fixed luminaires		N/A
	- distance x m, borderline between RG1 and RG2 . :		N/A
	- marking and instruction according 3.2.23		N/A
	b) Portable and handheld luminaires		N/A
	- marking according 3.2.23 if RG1 exceeded at 200 mm according to IEC/TR 62778		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	Portable luminaires for children IEC 60598-2-10 and Mains socket outlet nightlights IEC 60598-2-12 not exceed RG1 at 200 mm according to IEC/62778		N/A
3.6 (4.25)	Mechanical hazard		P
	No sharp point or edges		P
3.6 (4.26)	Short-circuit protection		N/A
3.6 (4.26.1)	Adequate means of uninsulated accessible SELV parts		N/A
3.6 (4.26.2)	Short-circuit test with test chain according 4.26.3		N/A
	Test chain not melt through		N/A
	Test sample not exceed values of Table 12.1 and 12.2		N/A
3.6 (4.27)	Terminal blocks with integrated screwless earthing contacts		P
	Test according Annex V		P
	Pull test of terminal fixing (20 N)		N/A
	After test, resistance < 0,05 Ω		N/A
	Pull test of mechanical connection (50 N)		N/A
	After test, resistance < 0,05 Ω		N/A
	Voltage drop test, resistance < 0,05 Ω		N/A
3.6 (4.28)	Fixing of thermal sensing control		N/A
	Not plug-in or easily replaceable type		N/A
	Reliably kept in position		N/A
	No adhesive fixing if UV radiations from a lamp can degrade the fixing		N/A
	Not outside the luminaire enclosure		N/A
	Test of adhesive fixing:		N/A
	Max. temperature on adhesive material ($^{\circ}\text{C}$) :	N/A	—
	100 cycles between t min and t max		N/A
	Temperature sensing control still in position		N/A
3.6 (4.29)	Luminaires with non-replaceable light source		N/A
	Not possible to replace light source		N/A
	Live part not accessible after parts have been opened by hand or tools		N/A
3.6 (4.30)	Luminaires with non-user replaceable light source		P
	If protective cover provide protection against electric shock and marked with "caution, electric shock risk" symbol:		
	Minimum two fixing means		P

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
3.6 (4.31)	Insulation between circuits		N/A
	Circuits insulated from LV supply fulfil requirements according 4.31.1 – 4.31.3		N/A
	Controllable luminaires requiring same level of insulation for all components, the insulation between control terminals and LV supply fulfil requirements according 4.31.1 – 4.31.3		N/A
3.6 (4.31.1)	SELV circuits		N/A
	Used SELV source		N/A
	Voltage \leq ELV		N/A
	Insulating of SELV circuits from LV supply		N/A
	Insulating of SELV circuits from other non SELV circuits		N/A
	Insulating of SELV circuits from FELV		N/A
	Insulating of SELV circuits from other SELV circuits		N/A
	SELV circuits insulated from accessible parts according Table X.1		N/A
	Plugs not able to enter socket-outlets of other voltage systems		N/A
	Socket outlets does not admit plugs of other voltage systems		N/A
	Plugs and socket-outlets does not have protective conductor contact		N/A
3.6 (4.31.2)	FELV circuits		N/A
	Used FELV source		N/A
	Voltage \leq ELV		N/A
	Insulating of FELV circuits from LV supply		N/A
	FELV circuits insulated from accessible parts according Table X.1		N/A
	Plugs not able to enter socket-outlets of other voltage systems		N/A
	Socket outlets does not admit plugs of other voltage systems		N/A
	Socket-outlets does not have protective conductor contact		N/A
3.6 (4.31.3)	Other circuits		P
	Other circuits insulated from accessible parts according Table X.1		P
	Class II construction with equipotential bonding for protection against indirect contacts with live parts:		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	- conductive parts are connected together		N/A
	- test according 7.2.3		N/A
	- conductive part not cause an electric shock in case of an insulation fault		N/A
	- equipotential bonding in master/slave applications		N/A
	- master luminaire provided with terminal for accessible conductive parts of slave luminaires		N/A
	- slave luminaire constructed as class I		N/A
3.6 (4.32)	Overvoltage protective devices		N/A
	Comply with IEC 61643-11		N/A
	External to controlgear and connected to earth:		
	- only in fixed luminaires		N/A
	- only connected to protective earth		N/A
3.6.1 (-)	At least IP X3 or X5 respectively. IP	IPX6	P
	Column-integrated luminaires:		N/A
	- parts below 2,5 m. IP		N/A
	- parts above 2,5 m. IP		N/A
3.6.2 (-)	Suspension on span wires		N/A
3.6.3 (-)	Means for attaching the luminaire or external parts to its support appropriate to the weight		P
3.6.3.1 (-)	Static load test		P
	- drag coefficient.....:	1,2	P
	- loaded area (m ²).....:	0,2 m ²	P
	- used load (N).....:	478 N	P
	- measured deformation (cm/m)	0 cm/m	P
	- no rotation		P
3.6.4 (-)	Adjustable lampholders		N/A
3.6.5 (-)	Luminaires installed above 5 m, glass covers shall be:		
	a) glass that fractures into small pieces (test according to 3.6.5.1), or		N/A
	b) glass having a high impact shock resistance (test according to 3.6.5.2), or		P
	c) protected by any means to retain glass fragments		N/A
	For tunnel luminaires 3.6.5.1 apply		N/A
	Method of protection declared by the manufacturer		N/A
3.6.5.1 (-)	Protection by the use of glass that fractures into small pieces		N/A
	- number of particles is more than 40.....:		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
3.6.5.2 (-)	Protection by the use of high impact resistant glass		P
3.6.5.2.1 (-)	Glass covers have high mechanical strength		P
	Test according IEC 62262 with test apparatus according IEC 60068-2-75 with impact energy of 5J on preconditioned sample	See Test Report BT_13_087_20	P
3.6.5.2.2 (-)	Glass covers not break into large pieces		N/A
	- test according 3.6.5.1, number of particles is more than 20		N/A
3.6.6 (-)	Connection compartment of column-integrated luminaire		N/A
	- provides adequate space		N/A
	- means for attachment		N/A
	- means for attachment of metal corrosion-resistant		N/A
3.6.7 (-)	Compliance with ISO standard or other		N/A
3.6.8 (-)	Doors of column-integrated luminaires:		
	- corrosion-resistant		N/A
	- opening only possible for an authorized person		N/A
	- impact test 5 Nm		N/A
	- sample show no damage		N/A
3.6.9 (-)	Column-integrated luminaire:		
	- dimension of the cable entry slot (mm)		N/A
	- cable path from the slot to the connection compartment (mm)		N/A
	- cable path free from obstruction that might cause abrasion of the cable		N/A

3.7 (11)	CREEPAGE DISTANCES AND CLEARANCES		P
3.7 (11.2.1)	Impulse withstand category (Normal category II)	Category II <input checked="" type="checkbox"/> Category III <input type="checkbox"/>	—
	Category III according Annex U		N/A
	Protected against pollution, reduced creepage and clearance according Annex P of IEC 61347-1		N/A
3.7 (11.2.2)	Creepage distances for frequency up to 30 kHz	See Test Table 3.7 (11.2) I	P
	Creepage distances for frequency over 30 kHz:		
	- Controlgear marked with \hat{U}_{OUT} and f_{UOUT} according IEC 61347-1, clause 7.1, item w	See Test Table 3.7 (11.2) II	N/A
	- Requirements according IEC 60664-4 for controlgear not covered by IEC 61347	See Test Table 3.7 (11.2) II	N/A
3.7 (11.2.3)	Clearances for frequency up to 30 kHz	See Test Table 3.7 (11.2) I	P
	Clearances distances for frequency over 30 kHz:		

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
	- Controlgear marked with U_P	See Test Table 3.7 (11.2) II	N/A
	- Requirements according IEC 60664-4 for controlgear not covered by IEC 61347	See Test Table 3.7 (11.2) II	N/A

3.8 (7)	PROVISION FOR EARTHING		N/A
3.8 (7.2.1 + 7.2.3)	Accessible metal parts		N/A
	Metal parts in contact with supporting surface		N/A
	Resistance < 0,5 Ω :		N/A
	Self-tapping screws used		N/A
	Thread-forming screws		N/A
	Thread-forming screw used in a groove		N/A
	Earth makes contact first		N/A
	Terminal blocks with integrated screwless earthing contacts tested according Annex V		N/A
	Protective earthing of the luminaire not via built-in control gear		N/A
3.8 (7.2.2 + 7.2.3)	Earth continuity in joints, etc.		N/A
3.8 (7.2.4)	Locking of clamping means		N/A
	Compliance with 4.7.3		N/A
	Terminal conn with integrated screwless earthing contacts tested according Annex V		N/A
3.8 (7.2.5)	Earth terminal integral part of connector socket		N/A
3.8 (7.2.6)	Earth terminal adjacent to mains terminals		N/A
3.8 (7.2.7)	Electrolytic corrosion of the earth terminal		N/A
3.8 (7.2.8)	Material of earth terminal		N/A
	Contact surface bare metal		N/A
3.8 (7.2.10)	Class II luminaire for looping-in		N/A
	Double or reinforced insulation to functional earth		N/A
3.8 (7.2.11)	Earthing core coloured green-yellow		N/A
	Length of earth conductor		N/A
3.8.1 (-)	Attachment prevented from rotation		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
3.9 (14)	SCREW TERMINALS		P
	Separately approved; component list	(see Annex 1)	P
	Part of the luminaire	(see Annex 3)	N/A
3.9 (15)	SCREWLESS TERMINALS AND ELECTRICAL CONNECTIONS		P
	Separately approved; component list..... :	(see Annex 1)	P
	Part of the luminaire :	(see Annex 4)	P
3.10 (5)	EXTERNAL AND INTERNAL WIRING		P
3.10 (5.2)	Supply connection and external wiring		P
3.10 (5.2.1)	Means of connection	130222.3LR7B27S1765.246.Z. V.K: connector (screws) 130222.3LR7B40S2765.238.P: connector (screwsless)	P
	Outdoor luminaire has not PVC insulated external wiring if not class III or SELV ≤ 25 V a.c./60 V d.c. or protected from outdoor environment		N/A
3.10 (5.2.2)	Type of cable		N/A
	Nominal cross-sectional area (mm ²)		N/A
	Cables equal to IEC 60227 or IEC 60245		N/A
3.10 (5.2.3)	Type of attachment, X, Y or Z		N/A
3.10 (5.2.5)	Type Z not connected to screws		N/A
3.10 (5.2.6)	Cable entries:		
	- suitable for introduction		P
	- adequate degree of protection		N/A
3.10 (5.2.7)	Cable entries through rigid material have rounded edges		N/A
3.10 (5.2.8)	Insulating bushings:		
	- suitably fixed		N/A
	- material in bushings		N/A
	- material not likely to deteriorate		N/A
	- tubes or guards made of insulating material		N/A
3.10 (5.2.9)	Locking of screwed bushings		N/A
3.10 (5.2.10)	Cord anchorage:		
	- covering protected from abrasion		N/A
	- clear how to be effective		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	- no mechanical or thermal stress		N/A
	- no tying of cables into knots etc.		N/A
	- insulating material or lining		N/A
3.10 (5.2.10.1)	Cord anchorage for type X attachment:		
	a) at least one part fixed		N/A
	b) types of cable		N/A
	c) no damaging of the cable		N/A
	d) whole cable can be mounted		N/A
	e) no touching of clamping screws		N/A
	f) metal screw not directly on cable		N/A
	g) replacement without special tool		N/A
	Glands not used as anchorage		N/A
	Labyrinth type anchorages		N/A
3.10 (5.2.10.2)	Adequate cord anchorage for type Y and type Z attachment		N/A
3.10 (5.2.10.3)	Tests:		
	- impossible to push cable; unsafe		N/A
	- pull test: 25 times; pull (N) :		N/A
	- torque test: torque (Nm) :		N/A
	- displacement ≤ 2 mm		N/A
	- no movement of conductors		N/A
	- no damage of cable or cord		N/A
	- function independent of electrical connection		N/A
3.10 (5.2.11)	External wiring passing into luminaire		N/A
3.10 (5.2.12)	Looping-in terminals		N/A
3.10 (5.2.13)	Wire ends not tinned		N/A
	Wire ends tinned: no cold flow		N/A
3.10 (5.2.14)	Mains plug same protection		N/A
	Class III luminaire plug		N/A
	No unsafe compatibility		N/A
3.10 (5.2.16)	Appliance inlets (IEC 60320)		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	Installation couplers (IEC 61535)		N/A
	Other appliance inlet or connector according relevant IEC standard		N/A
3.10 (5.2.17)	No standardized interconnecting cables properly assembled		N/A
3.10 (5.2.18)	Used plug in accordance with		N/A
	- IEC 60083		N/A
	- other standard		N/A
3.10 (5.3)	Internal wiring		P
3.10 (5.3.1)	Internal wiring of suitable size and type		P
	Through wiring		N/A
	- not delivered/ mounting instruction		N/A
	- factory assembled		N/A
	- socket outlet loaded (A)		N/A
	- temperatures	(see Annex 2)	N/A
	Green-yellow for earth only		N/A
3.10 (5.3.1.1)	Internal wiring connected directly to fixed wiring		P
	Cross-sectional area (mm ²).....	0,5 mm ²	P
	Insulation thickness (mm)	0.6 mm	P
	Extra insulation added where necessary		P
3.10 (5.3.1.2)	Internal wiring connected to fixed wiring via internal current-limiting device		N/A
	Cross-sectional area (mm ²).....		N/A
3.10 (5.3.1.3)	Double or reinforced insulation for class II		P
3.10 (5.3.1.4)	Conductors without insulation		N/A
3.10 (5.3.1.5)	SELV current-carrying parts		N/A
3.10 (5.3.1.6)	Insulation thickness other than PVC or rubber		N/A
3.10 (5.3.2)	Sharp edges etc.		P
	No moving parts of switches etc.		N/A
	Joints, raising/lowering devices		N/A
	Telescopic tubes etc.		N/A
	No twisting over 360°		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
3.10 (5.3.3)	Insulating bushings:		
	- suitable fixed		N/A
	- material in bushings		N/A
	- material not likely to deteriorate		N/A
	- cables with protective sheath		N/A
3.10 (5.3.4)	Joints and junctions effectively insulated		N/A
3.10 (5.3.5)	Strain on internal wiring		N/A
3.10 (5.3.6)	Wire carriers		N/A
3.10 (5.3.7)	Wire ends not tinned		N/A
	Wire ends tinned: no cold flow		P
3.10 (5.4)	Test to determine suitability of conductors having a reduced cross-sectional area		N/A
	Under test the temperature of the luminaire wiring insulation not exceed the limits stated in Table 12.2	(see Annex 2)	N/A
	No damage to luminaire wiring after test		N/A
3.10.1 (-)	Cord anchorage if applicable		N/A
	- pull test: 25 times; pull (N)	60 N	P
	- torque test: torque (Nm)	0,25 Nm	P

3.11 (8)	PROTECTION AGAINST ELECTRIC SHOCK		P
3.11 (8.2.1)	Live parts not accessible		P
	Basic insulated parts not used on the outer surface without appropriate protection		P
	Basic insulated parts not accessible with standard test finger on portable, settable and adjustable luminaires		N/A
	Basic insulated parts not accessible with Ø 50 mm probe from outside, other types of luminaires		N/A
	Lamp and starterholders in portable and adjustable luminaires comply with double or reinforced insulation requirements		N/A
	Basic insulation only accessible under lamp or starter replacement		N/A
	Protection in any position		P
	Double-ended tungsten filament lamp		N/A
	Insulation lacquer not reliable		P
	Double-ended high-pressure discharge lamp		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	Relevant warning according to 3.2.18 fitted to the luminaire		N/A
3.11 (8.2.2)	Portable luminaire adjusted in most unfavourable position		N/A
3.11 (8.2.3.a)	Class II luminaire:		
	- basic insulated metal parts not accessible during starter or lamp replacement		P
	- basic insulation not accessible other than during starter or lamp replacement		P
	- glass protective shields not used as supplementary insulation		P
3.11 (8.2.3.b)	BC lampholder of metal in class I luminaires shall be earthed		N/A
3.11 (8.2.3.c)	SELV circuits with exposed current carrying parts:		
	Ordinary luminaire:		N/A
	- voltage under load (V)..... :		N/A
	- no-load voltage (V)..... :		N/A
	- touch current if applicable (mA)		N/A
	One conductive part insulated if required		N/A
	Other than ordinary luminaire:		N/A
	- nominal voltage (V)		N/A
	Class III luminaire only for connection to SELV		N/A
	Class III luminaire not provided with means for protective earthing		N/A
3.11 (8.2.4)	Portable luminaire has protection independent of supporting surface		N/A
3.11 (8.2.5)	Compliance with the standard test finger or relevant probe		P
3.11 (8.2.6)	Covers reliably secured		P
3.11 (8.2.7)	Luminaire other than below with capacitor > 0,5 μ F not exceed 50 V 1 min after disconnection		N/A
	Portable luminaire with capacitor > 0,1 μ F (0.25) not exceed 34 V 1 s after disconnection		N/A
	Other luminaires with capacitor > 0,1 μ F (0.25) with plug and track adaptors not exceed 60 V 5 s after disconnection		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
3.12 (12)	ENDURANCE TEST AND THERMAL TEST		P
3.12.2 (-)	If IP > IP 20 relevant test of (12.4), (12.5) and (12.6) after (9.2) before (9.3) specified in 3.13		—
3.12 (12.2)	Selection of lamps and ballasts		—
	Lamp used according Annex B	(Lamp used see Annex 2)	—
	Controlgear if separate and not supplied	(Controlgear used see Annex 2)	—
3.12 (12.3)	Endurance test		P
	a) mounting-position	on a mast arm	—
	b) test temperature (°C)	50°C + 5°C	—
	c) total duration (h)	240 h	—
	d) supply voltage (V)	264 V	—
	d) if not equipped with controlgear, constant voltage/current (V) or (A)	N/A	—
	e) luminaire ceases to operate	N/A	—
3.12 (12.3.2)	After endurance test:		
	- no part unserviceable		P
	- luminaire not unsafe		P
	- no damage to track system		N/A
	- marking legible		P
	- no cracks, deformation etc.		P
3.12 (12.4)	Thermal test (normal operation)	(see Annex 2)	P
3.12 (12.5)	Thermal test (abnormal operation)	(see Annex 2)	N/A
3.12 (12.6)	Thermal test (failed lamp control gear condition):		
3.12 (12.6.1)	Through wiring or looping-in wiring loaded by a current of (A)	N/A	—
	- case of abnormal conditions	N/A	—
	- electronic lamp control gear		N/A
	- measured winding temperature (°C): at 1,1 Un	N/A	—
	- measured mounting surface temperature (°C) at 1,1 Un		N/A
	- calculated mounting surface temperature (°C)		N/A
	- track-mounted luminaires		N/A
3.12 (12.6.2)	Temperature sensing control		N/A
	- case of abnormal conditions	N/A	—

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Clause	Requirement + Test	Result - Remark	Verdict
	- thermal link		N/A
	- manual reset cut-out		N/A
	- auto reset cut-out		N/A
	- measured mounting surface temperature (°C) :		N/A
	- track-mounted luminaires		N/A
3.12 (12.7)	Thermal test (failed lamp control gear in plastic luminaires):		
3.12 (12.7.1)	Luminaire without temperature sensing control		N/A
3.12 (12.7.1.1)	Luminaire with fluorescent lamp ≤ 70W		N/A
	Test method 12.7.1.1 or Annex W :	N/A	—
	Test according to 12.7.1.1:		
	- case of abnormal conditions :	N/A	—
	- Ballast failure at supply voltage (V) :	N/A	—
	- Components retained in place after the test		N/A
	- Test with standard test finger after the test		N/A
	Test according to Annex W:		
	- case of abnormal conditions :	N/A	—
	- measured winding temperature (°C): at 1,1 Un :	N/A	—
	- measured temperature of fixing point/exposed part (°C): at 1,1 Un :	N/A	—
	- calculated temperature of fixing point/exposed part (°C) :	N/A	—
	Ball-pressure test :	See Test Table 3.15 (13.2.1)	N/A
3.12 (12.7.1.2)	Luminaire with discharge lamp, fluorescent lamp > 70W, transformer > 10 VA		N/A
	- case of abnormal conditions :	N/A	—
	- measured winding temperature (°C): at 1,1 Un :	N/A	—
	- measured temperature of fixing point/exposed part (°C): at 1,1 Un :	N/A	—
	- calculated temperature of fixing point/exposed part (°C) :	N/A	—
	Ball-pressure test :	See Test Table 3.15 (13.2.1)	N/A
3.12 (12.7.1.3)	Luminaire with short circuit proof transformers ≤ 10 VA		N/A
	- case of abnormal conditions :	N/A	—
	- Components retained in place after the test		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	- Test with standard test finger after the test		N/A
3.12 (12.7.2)	Luminaire with temperature sensing control		N/A
	- thermal link..... : Yes <input type="checkbox"/> No <input type="checkbox"/>		—
	- manual reset cut-out : Yes <input type="checkbox"/> No <input type="checkbox"/>		—
	- auto reset cut-out : Yes <input type="checkbox"/> No <input type="checkbox"/>		—
	- case of abnormal conditions : N/A		—
	- highest measured temperature of fixing point/ exposed part (°C): : N/A		—
	Ball-pressure test: : See Test Table 3.15 (13.2.1)		N/A
3.12.1 (-)	Temperature reduction if for outdoor use only		P
3.12.2 (-)	(See above)		—
3.12.3 (-)	Glass covers used within the thermal limits declared by the glass manufacturer		N/A

3.13 (9)	RESISTANCE TO DUST AND MOISTURE		P
3.13.1 (-)	If IP > IP 20 the order of tests as specified in clause 3.12		P
3.13 (9.2)	Tests for ingress of dust, solid objects and moisture:		
	- classification according to IP..... : IP66		—
	- mounting position during test : on a mast arm		—
	- fixing screws tightened; torque (Nm) : lid control gear chamber: 1,3Nm		—
	- tests according to clauses..... : 9.2.2, 9.2.7		—
	- electric strength test afterwards		P
	a) no deposit in dust-proof luminaire		N/A
	b) no talcum in dust-tight luminaire	IP6X	P
	c) no trace of water on current-carrying parts or on insulation where it could become a hazard	IPX6	P
	c.1) For luminaires without drain holes – no water entry	IPX6	P
	c.2) For luminaires with drain holes – no hazardous water entry		N/A
	d) no water in watertight or pressure watertight luminaire		N/A
	e) no contact with live parts (IP 2X)		N/A
	e) no entry into enclosure (IP 3X and IP 4X)		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	e) no contact with live parts through drain holes and ventilation slots (IP3X and IP4X)		N/A
	f) no trace of water on part of lamp requiring protection from splashing water		N/A
	g) no damage of protective shield or glass envelope		P
3.13 (9.3)	Humidity test 48 h		P

3.14 (10) INSULATION RESISTANCE AND ELECTRIC STRENGTH			P
3.14 (10.2.1)	Insulation resistance test		P
	Cable or cord covered by metal foil or replaced by a metal rod of mm Ø	Metal foil	—
	Insulation resistance (MΩ)	See below	—
	SELV		N/A
	- between current-carrying parts of different polarity :		N/A
	- between current-carrying parts and mounting surface..... :		N/A
	- between current-carrying parts and metal parts of the luminaire		N/A
	- between the outer surface of a flexible cord or cable where it is clamped in a cord anchorage and accessible metal parts..... :		N/A
	- Insulation bushings as described in Section 5		N/A
	Other than SELV		P
	- between live parts of different polarity	>2MΩ	P
	- between live parts and mounting surface	>4MΩ	P
	- between live parts and metal parts	>4MΩ	P
	- between live parts of different polarity through action of a switch..... :		N/A
	- between the outer surface of a flexible cord or cable where it is clamped in a cord anchorage and accessible metal parts..... :	>2MΩ	P
	- Insulation bushings as described in Section 5		N/A
3.14 (10.2.2)	Electric strength test		P
	Dummy lamp		N/A
	Luminaires with ignitors after 24 h test		N/A
	Luminaires with manual ignitors		N/A
	Test voltage (V)	See below	P

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Clause	Requirement + Test	Result - Remark	Verdict
	SELV		N/A
	- between current-carrying parts of different polarity :		N/A
	- between current-carrying parts and mounting surface..... :		N/A
	- between current-carrying parts and metal parts of the luminaire..... :		N/A
	- between the outer surface of a flexible cord or cable where it is clamped in a cord anchorage and accessible metal parts..... :		N/A
	- Insulation bushings as described in Section 5 :		N/A
	Other than SELV		P
	- between live parts of different polarity :	1480V	P
	- between live parts and mounting surface :	2960V	P
	- between live parts and metal parts :	2960V	P
	- between live parts of different polarity through action of a switch..... :		N/A
	- between the outer surface of a flexible cord or cable where it is clamped in a cord anchorage and accessible metal parts..... :	1480V	P
	- Insulation bushings as described in Section 5 :		N/A
3.14 (10.3)	Touch current or protective conductor current (mA):	130222.3LR7B27S1765.246.Z. V.K: 0,15 mA 130222.3LR7B40S2765.238.P: 0,20 mA	P

3.15 (13)	RESISTANCE TO HEAT, FIRE AND TRACKING		P
3.15 (13.2.1)	Ball-pressure test	See Test Table 3.15 (13.2.1)	P
3.15 (13.3.1)	Needle-flame test (10 s).....	See Test Table 3.15 (13.3.1)	P
3.15 (13.3.2)	Glow-wire test (650°C).....	See Test Table 3.15 (13.3.2)	P
3.15 (13.4)	Proof tracking test (IEC 60112).....	See Test Table 3.15 (13.4)	N/A

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Clause	Requirement + Test	Result - Remark	Verdict

3.7 (11.2)	TABLE I: Creepage distances and clearances						P
	Minimum distances (mm) for a.c. up to 30 kHz sinusoidal voltages						P
	Applicable part of IEC 60598-1 Table 11.1.A*, 11.1.B* and 11.2*						P
	Insulation type **	Measured clearance	Required		Measured creepage	Required	
			clearance	*Table		creepage	*Table
Distance 1:	R	8,5mm	>2,6mm for 220V >2,9mm for 240V	11.1	14,4mm	>4,4mm for 220V >4,8mm for 240V	11.1
Working voltage (V)					220 – 240V		—
PTI					< 600 <input checked="" type="checkbox"/> ≥ 600 <input type="checkbox"/>		—
Pulse voltage or U_P if applicable (kV)					-		—
Supplementary information:							
Distance 2:							
Working voltage (V)							—
PTI					< 600 <input type="checkbox"/> ≥ 600 <input type="checkbox"/>		—
Pulse voltage or U_P if applicable (kV)					-		—
Supplementary information:							
Distance 3:							
Working voltage (V)							—
PTI					< 600 <input type="checkbox"/> ≥ 600 <input type="checkbox"/>		—
Pulse voltage or U_P if applicable (kV)					-		—
Supplementary information:							

** Insulation type: B – Basic; S – Supplementary; R – Reinforced. See also IEC 60598-1 Annex M.

3.7 (11.2)	TABLE II: Creepage distances and clearances						N/A
	Minimum distances (mm) for a.c. higher than 30 kHz sinusoidal voltages						
	Applicable part of IEC 61347-1 Table 7 and 8* or IEC 60664-4 Table 1 and 2						
Distances	Insulation type **	Measured clearance	Required		Measured creepage	Required	
			clearance	*Table		creepage	*Table
Distance 1:							
Working voltage (V)							—
Frequency if applicable (kHz)							—
PTI					< 600 <input type="checkbox"/> ≥ 600 <input type="checkbox"/>		—
Peak value of the working voltage \hat{U}_{out} if applicable (kV)							—
Supplementary information:							

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Clause	Requirement + Test				Result - Remark		Verdict
Distance 2:							
Working voltage (V)							—
Frequency if applicable (kHz)							—
PTI					< 600 <input type="checkbox"/> ≥ 600 <input type="checkbox"/>		—
Peak value of the working voltage \hat{U}_{out} if applicable (kV)							—
Supplementary information:							
Distance 3:							
Working voltage (V)							—
Frequency if applicable (kHz)							—
PTI					< 600 <input type="checkbox"/> ≥ 600 <input type="checkbox"/>		—
Peak value of the working voltage \hat{U}_{out} if applicable (kV)							—
Supplementary information:							

** Insulation type: B – Basic; S – Supplementary; R – Reinforced.

3.15 (13.2.1)	TABLE: Ball Pressure Test of Thermoplastics				P
Allowed impression diameter (mm)				2	—
Object/ Part No./ Material		Manufacturer/ trademark	Test temperature (°C)	Impression diameter (mm)	
Connector		BJB (46.414)	125	1,0	
Connector		EMC Colosio (M26B)	125	0,9	
Supplementary information:					

3.15 (13.3.1)	TABLE: Needle-flame test (IEC 60695-11-5)				P	
Object/ Part No./ Material		Manufacturer/ trademark	Duration of application of test flame (ta); (s)	Ignition of specified layer Yes/No	Duration of burning (tb) (s)	Verdict
Connector		BJB (46.414)	10	No	0	P
Connector		EMC Colosio (M26B)	10	No	0	P
Supplementary information:						

IEC 60598-2-3				
Clause	Requirement + Test	Result - Remark		Verdict
3.15 (13.3.2)	TABLE: Glow-wire test (IEC 60695-2-11)			P
Glow wire temperature		650°C		—
Object/ Part No./ Material	Manufacturer/ trademark	Ignition of specified layer Yes/No	Duration of burning (tb) (s)	Verdict
Pressboard	-	No	0	P
Supplementary information:				

3.15 (13.4)	TABLE: Proof tracking test (IEC 60112)			N/A
Test voltage PTI		175 V		—
Object/ Part No./ Material	Manufacturer/ trademark	Withstand 50 drops without failure on three places or on three specimens		Verdict
Supplementary information:				

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Clause	Requirement + Test	Result - Remark	Verdict

ANNEX 1	TABLE: Critical components information					P
Object / part No.	Code	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹)
LED Module	B	LUG	ML1401700.W740.03A ML1401700.W740.03B ML1401700.W740.03C	24LED, Tc -40°C to +105°C,	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML1401701.W740.03A ML1401701.W740.03B ML1401701.W740.03C	24LED, Tc -40°C to +105°C,	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML1302080.W740.03A ML1302080.W740.03B ML1302080.W740.03C	36LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML1302090.W740.03A ML1302090.W740.03B ML1302090.W740.03C	36LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML1924900.W730.01A ML1924900.W730.01B ML1924900.W730.01C	48LED, Tc -40°C to +85°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML1924900.W740.01A ML1924900.W740.01B ML1924900.W740.01C	48LED, Tc -40°C to +85°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML1924901.W730.01A ML1924901.W730.01B ML1924901.W730.01C	72LED, Tc -40°C to +85°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML1924901.W740.01A ML1924901.W740.01B ML1924901.W740.01C	72LED, Tc -40°C to +85°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML1924902.W730.01A ML1924902.W730.01B ML1924902.W730.01C	72LED, Tc -40°C to +85°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19

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Clause	Requirement + Test			Result - Remark	Verdict	
LED Module	B	LUG	ML1924902.W740.01A ML1924902.W740.01B ML1924902.W740.01C	72LED, Tc -40°C to +85°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML1701405.W730.01A ML1701405.W730.01B ML1701405.W730.01C	72LED, Tc -40°C to +85°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-2/136/B/20
LED Module	B	LUG	ML1701405.W740.01A ML1701405.W740.01B ML1701405.W740.01C	72LED, Tc -40°C to +85°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-2/136/B/20
LED Module	B	LUG	ML2027100.W722.01A ML2027100.W722.01B ML2027100.W722.01C	72LED, Tc -40°C to +85°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-2/136/B/20
LED Module	B	LUG	ML2027100.W727.01A ML2027100.W727.01B ML2027100.W727.01C	72LED, Tc -40°C to +85°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-2/136/B/20
LED Module	B	LUG	ML2027100.W730.01A ML2027100.W730.01B ML2027100.W730.01C	72LED, Tc -40°C to +85°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-2/136/B/20
LED Module	B	LUG	ML2027100.W740.01A ML2027100.W740.01B ML2027100.W740.01C	72LED, Tc -40°C to +85°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-2/136/B/20
LED Module	B	LUG	ML2027101.W722.01A ML2027101.W722.01B ML2027101.W722.01C	108LED, Tc -40°C to +85°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-2/136/B/20
LED Module	B	LUG	ML2027101.W727.01A ML2027101.W727.01B ML2027101.W727.01C	108LED, Tc -40°C to +85°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-2/136/B/20
LED Module	B	LUG	ML2027101.W730.01A ML2027101.W730.01B ML2027101.W730.01C	108LED, Tc -40°C to +85°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-2/136/B/20

IEC 60598-2-3						
Clause	Requirement + Test			Result - Remark	Verdict	
LED Module	B	LUG	ML2027101.W740.01A ML2027101.W740.01B ML2027101.W740.01C	108LED, Tc -40°C to +85°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-2/136/B/20
LED Module	B	LUG	ML2027102.W722.01A ML2027102.W722.01B ML2027102.W722.01C	72LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-2/136/B/20
LED Module	B	LUG	ML2027102.W727.01A ML2027102.W727.01B ML2027102.W727.01C	72LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-2/136/B/20
LED Module	B	LUG	ML2027102.W730.01A ML2027102.W730.01B ML2027102.W730.01C	72LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-2/136/B/20
LED Module	B	LUG	ML2027102.W740.01A ML2027102.W740.01B ML2027102.W740.01C	72LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-2/136/B/20
LED Module	B	LUG	ML2027103.W722.01A ML2027103.W722.01B ML2027103.W722.01C	108LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-2/136/B/20
LED Module	B	LUG	ML2027103.W727.01A ML2027103.W727.01B ML2027103.W727.01C	108LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-2/136/B/20
LED Module	B	LUG	ML2027103.W730.01A ML2027103.W730.01B ML2027103.W730.01C	108LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-2/136/B/20
LED Module	B	LUG	ML2027103.W740.01A ML2027103.W740.01B ML2027103.W740.01C	108LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-2/136/B/20
LED Module	B	LUG	ML1500300.W740.02A ML1500300.W740.02B ML1500300.W740.02C	12LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19

IEC 60598-2-3						
Clause	Requirement + Test			Result - Remark	Verdict	
LED Module	B	LUG	ML1500301.W740.05A ML1500301.W740.05B ML1500301.W740.05C	16LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML1500301.W765.04A ML1500301.W765.04B ML1500301.W765.04C	16LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML1500301.W740.04A ML1500301.W740.04B ML1500301.W740.04C	24LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML1401010.W740.03A ML1401010.W740.03B ML1401010.W740.03C	36LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML1500302.W740.03A ML1500302.W740.03B ML1500302.W740.03C	48LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML1701400.W730.01A ML1701400.W730.01B ML1701400.W730.01C	24LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML1701400.W740.01A ML1701400.W740.01B ML1701400.W740.01C	24LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML1701401.W730.02A ML1701401.W730.02B ML1701401.W730.02C	32LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML1701401.W740.02A ML1701401.W740.02B ML1701401.W740.02C	32LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML1701401.W730.01A ML1701401.W730.01B ML1701401.W730.01C	48LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19

IEC 60598-2-3						
Clause	Requirement + Test			Result - Remark	Verdict	
LED Module	B	LUG	ML1701402.W730.01A ML1701402.W730.01B ML1701402.W730.01C	72LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML1701403.W730.01A ML1701403.W730.01B ML1701403.W730.01C	96LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML1924107.W740.01A ML1924107.W740.01B ML1924107.W740.01C	6x8LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML1924106.W740.01A ML1924106.W740.01B ML1924106.W740.01C	4x12LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML1924105.W740.01A ML1924105.W740.01B ML1924105.W740.01C	3x16LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML1924108.W740.01A ML1924108.W740.01B ML1924108.W740.01C	2x24LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. BS-3/136/B/19
LED Module	B	LUG	ML2027200.W722.01A ML2027200.W722.01B ML2027200.W722.01C	48LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-3/185/B/20
LED Module	B	LUG	ML2027200.W727.01A ML2027200.W727.01B ML2027200.W727.01C	48LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-3/185/B/20
LED Module	B	LUG	ML2027200.W730.01A ML2027200.W730.01B ML2027200.W730.01C	48LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-3/185/B/20

IEC 60598-2-3						
Clause	Requirement + Test			Result - Remark	Verdict	
LED Module	B	LUG	ML2027200.W740.01A ML2027200.W740.01B ML2027200.W740.01C	48LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-3/185/B/20
LED Module	B	LUG	ML2027201.W722.01A ML2027201.W722.01B ML2027201.W722.01C	48LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-3/185/B/20
LED Module	B	LUG	ML2027201.W727.01A ML2027201.W727.01B ML2027201.W727.01C	48LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-3/185/B/20
LED Module	B	LUG	ML2027201.W730.01A ML2027201.W730.01B ML2027201.W730.01C	48LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-3/185/B/20
LED Module	B	LUG	ML2027201.W740.01A ML2027201.W740.01B ML2027201.W740.01C	48LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-3/185/B/20
LED Module	B	LUG	ML2027202.W722.01A ML2027202.W722.01B ML2027202.W722.01C	48LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-3/185/B/20
LED Module	B	LUG	ML2027202.W727.01A ML2027202.W727.01B ML2027202.W727.01C	48LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-3/185/B/20
LED Module	B	LUG	ML2027202.W730.01A ML2027202.W730.01B ML2027202.W730.01C	48LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-3/185/B/20
LED Module	B	LUG	ML2027202.W740.01A ML2027202.W740.01B ML2027202.W740.01C	48LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-3/185/B/20

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Clause	Requirement + Test		Result - Remark	Verdict

LED Module	B	LUG	ML2027203.W722.01A ML2027203.W722.01B ML2027203.W722.01C	96LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-3/185/B/20
LED Module	B	LUG	ML2027203.W727.01A ML2027203.W727.01B ML2027203.W727.01C	96LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-3/185/B/20
LED Module	B	LUG	ML2027203.W730.01A ML2027203.W730.01B ML2027203.W730.01C	96LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-3/185/B/20
LED Module	B	LUG	ML2027203.W740.01A ML2027203.W740.01B ML2027203.W740.01C	96LED, Tc -40°C to +105°C	EN 62031	Tested and accepted by ITE PREDOM Division Test Report No. Z7-3/185/B/20
Control gear	A	OSRAM	OT 165/220...240/1A0 1DIM G2 CE	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 165/170...240/1A0 4DIMLT2 G2 CE	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 200W 200– 1050mA 355V pD+ NFC C PRE3	220..240V, 50-60Hz, ta= -40...+70°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 135W 200– 1050mA 220V pD+ NFC C PRE3	220..240V, 50-60Hz, ta= -40...+70°C, tc max=95°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 90W 200–1050mA 165V pD+ NFC C PRE3	220..240V, 50-60Hz, ta= -40...+70°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 165/170-240/1A0 4DIMLT2 E	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 60/170-240/1A0 4DIMLT2 E	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT180W/UNV/800C/2D IMLT2/P6	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT100W/UNV/800C/2D IMLT2/P6	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 110/170...240/1A0 1DIMLT2 G1 CE	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC

IEC 60598-2-3						
Clause	Requirement + Test			Result - Remark		Verdict

Control gear	A	OSRAM	OT 20/170-240/1A0 1DIM LT2 G1 CE	220..240V, 50-60Hz, ta= -40...+60°C, tc max=75°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 75/170...240/1A0 1DIMLT2 G1 CE	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Philips Xi Dim 250W 0.7A 1-10V 230V	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Philips Xi LP 150W 0.3- 1.0A S1 230V S240 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 165W 0.3-1.0A S1 230V C170 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	Tridonic LCA 120W 300-1050mA	220..240V, 50-60Hz, ta= -30...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	Tridonic LCA 75W 250- 750mA one	220..240V, 50-60Hz, ta= -40...+70°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	Tridonic LCA 120W 350-1050mA o	220..240V, 50-60Hz, ta= -40...+70°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	Tridonic LCA 160W 350-1050mA o	220..240V, 50-60Hz, ta= -40...+70°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT DX 40/220...240/1A0 DIMA LT2 E	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT DX 75/220...240/1A0 DIMA LT2 E	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT DX 110/220...240/1A0 DIMA LT2 E	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT DX 165/220...240/1A0 DIMA LT2 E	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 20/170...240/1A0 4DIMLT2 G2 CE	220..240V, 50-60Hz, ta= -40...+60°C, tc max=75°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 40/170...240/1A0 4DIMLT2 G2 CE	220..240V, 50-60Hz, ta= -40...+60°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 75/170...240/1A0 4DIMLT2 G2 CE	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 110/170...240/1A0 4DIMLT2 G2 CE	220..240V, 50-60Hz, ta= -40...+60°C, tc max=75°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 20/170...240/1A0 1DIMLT2 G1 CE	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC

IEC 60598-2-3						
Clause	Requirement + Test			Result - Remark		Verdict

Control gear	A	OSRAM	OT 40/170...240/1A0 1DIMLT2 G1 CE	220..240V, 50-60Hz, ta= -40...+60°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 40/120...277/1A0 4DIMLT2 E	220..240V, 50-60Hz, ta= -40...+60°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 60/170...240/1A0 4DIMLT2 E	220..240V, 50-60Hz, ta= -40...+60°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 90/170...240/1A0 4DIMLT2 E	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 165/170...240/1A0 4DIMLT2 E	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 50/120...277/800 2DIMLT2 P	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 50/120...277/1A2 2DIMLT2 P	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 100/120...277/800 2DIMLT2 P	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 110/120...277/1A4 2DIMLT2 P	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 60/220...240/1A4 1DIMA P7	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 100/220...240/1A4 1DIMA P7	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 150/220...240/1A4 1DIMA P7	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 200/220...240/1A4 1DIMA P7	220..240V, 50-60Hz, ta= -40...+55°C, tc max=75°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium 40W 0.7A Prog+ GL-J sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium 75W 0.35- 0.70A GL Prog+ sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium 75W 0.1- 1.05A Prog GL F sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium 100W 0.7A Prog+ GL-Z sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium 150W 0.1- 1.05A Prog+ GL F sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC

IEC 60598-2-3						
Clause	Requirement + Test			Result - Remark		Verdict

Control gear	A	Philips	Xitanium 150W 0.35-0.70A GL Prog sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium 300W 1.5A Prog+ GL-R sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi BP 12W 0.1-0.5A S 230V C100	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi BP 22W 0.2-0.7A S 230V C123	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi BP 40W 0.2-0.7A S 230V C123	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi BP 40W 0.3-1.0A S 230V C123	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 22W 0.2-0.7A S1 230V C123 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 22W 0.3-1.0A S1 230V C123 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 40W 0.2-0.7A S1 230V C123 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 40W 0.3-1.0A S1 230V C123 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 75W 0.2-0.7A S1 230V C133 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 75W 0.3-1.0A S1 230V C133 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 75W 0.5-1.5A S1 230V C133 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 110W 0.2-0.7A S1 230V C133 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 110W 0.3-1.0A S1 230V C133 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 165W 0.2-0.7A S1 230V C170 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 165W 0.5-1.5A S1 230V C170 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 22W 0.2-0.7A S1 230V S175 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC

IEC 60598-2-3						
Clause	Requirement + Test			Result - Remark	Verdict	

Control gear	A	Philips	Xi LP 22W 0.3-1.0A S1 230V S175 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 40W 0.2 -0.7A S1 230V S175 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 40W 0.2-0.7A SL 230V S175 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 40W 0.3-1.0A S1 230V S175 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 40W 0.3-1.0A SL 230V S175 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 40W 0.2-0.7A SN 230V S175 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 75W 0.2-0.7A S1 230V S240 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 75W 0.2-0.7A SL 230V S240 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 75W 0.3-1.0A S1 230V S240 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 75W 0.3-1.0A SL 230V S240 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 75W 0.2-0.7A SN 230V S240 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 75W 0.5-1.5A S1 230V S240 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 150W 0.2-0.7A S1 230V S240 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 150W 0.2-0.7A SL 230V S240 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 150W 0.3-1.0A SL 230V S240 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 150W 0.5-1.5A S1 230V S240 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 150W 0.2-0.7A SN 230V S240 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi FP 22W 0.2-0.7A SNLDAE 230V C123 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC

IEC 60598-2-3						
Clause	Requirement + Test			Result - Remark		Verdict

Control gear	A	Philips	Xi FP 22W 0.3-1.0A SNLDAE 230V C123 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi FP 40W 0.2-0.7A SNLDAE 230V C123 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi FP 40W 0.3-1.0A SNLDAE 230V C123 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi FP 70W 0.3-1.0A NLD C150 230V sXt	220..240V, 50-60Hz, ta= -30...+60°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi FP 75W 0.2-0.7A SNLDAE 230V C133 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi FP 75W 0.3-1.0A SNLDAE 230V C133 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi FP 75W 0.5-1.5A SNLDAE 230V C133 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi FP 100W 0.2-0.7A SNLDAE 230V C165 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi FP 110W 0.2-0.7A SNLDAE 230V C133 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi FP 110W 0.3-1.0A NLD C150 230V sXt	220..240V, 50-60Hz, ta= -30...+60°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi FP 110W 0.3-1.0A SNLDAE 230V C133 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi FP 165W 0.3-1.0A SNLDAE 230V C170 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi FP 165W 0.2-0.7A SNLDAE 230V C170 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi FP 330W 0.2-0.75A SNDAAE 230V C240 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi FP 22W 0.2-0.7A SNLDAE 230V S175 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi FP 22W 0.3-1.0A SNLDAE 230V S175 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi FP 40W 0.2-0.7A SNLDAE 230V S175 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi FP 40W 0.3-1.0A SNLDAE 230V S175 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC

IEC 60598-2-3						
Clause	Requirement + Test			Result - Remark		Verdict

Control gear	A	Philips	Xi FP 75W 0.2-0.7A SNLDAE 230V S240 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi FP 75W 0.3-1.0A SNLDAE 230V S240 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi FP 150W 0.2-0.7A SNLDAE 230V S240 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi FP 150W 0.3-1.0A SNLDAE 230V S240 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi SR 12W 0.2-0.7A SNEMP 230V C133 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi SR 22W 0.2-0.7A SNEMP 230V C133 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi SR 40W 0.2-0.7A SNEMP 230V C133 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi SR 75W 0.2-0.7A SNEMP 230V C150 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi SR 75W 0.2-0.7A SNEMP 230V S240 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi SR 110W 0.2-0.7A SNEMP 230V C150 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi SR 150W 0.2-0.7A SNEMP 230V S240 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium 100W 2.1- 4.2A AOC 230V I220	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium 150W 2.5- 4.9A AOC 230V I220	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium 200W 2.8- 5.6A AOC 230V I250	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 100W 0.3-1.05A S1 230V I175	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 150W 0.3-1.05A S1 230V I175	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 220W 0.3-1.05A S1 230V I230	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xi LP 220W 0.5-1.5A S1 230V I230	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC

IEC 60598-2-3						
Clause	Requirement + Test			Result - Remark		Verdict

Control gear	A	Philips	Xitanium Dim 35W 0.7A 1-10V TWE I175	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium Dim 100W 0.7A 1-10V TWE I220	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium Dim 150W 0.7A 1-10V TWE I220	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium 75W 0.7A TWE I175	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium 150W 0.7A TWE I220	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium 75W 1.05A 1- 10V 230V C165 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium 75W 0.70A 1- 10V 230V C165 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium 150W 0.70A 1-10V 230V S240 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium Dim 250W 0 70A 1-10V 230V Q	220..240V, 50-60Hz, ta= -40...+55°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium Dim 75W 0.70A 1-10V 230V I220	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium Dim 150W 0.70A 1-10V 230V I220	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium Dim 250W 0.70A 1-10V 230V I220	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium 75W 1-10V 230V C165	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium 150W 1.05A 1-10V 230V S240 sXt	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium 250W 1-10V 230V I220	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Philips	Xitanium 250W 1-10V 230V Q	220..240V, 50-60Hz, ta= -40...+55°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 14/100-500/38 NF C ADV3	220..240V, 50-60Hz, ta= -40...+70°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 24/200-1050/39 NF C ADV3	220..240V, 50-60Hz, ta= -40...+70°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC

IEC 60598-2-3						
Clause	Requirement + Test			Result - Remark		Verdict

Control gear	A	Tridonic	LCO 40/200-1050/64 NF C ADV3	220..240V, 50-60Hz, ta= -40...+70°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 60/200-1050/100 NF C ADV3	220..240V, 50-60Hz, ta= -40...+70°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 90/200-1050/165 NF C ADV3	220..240V, 50-60Hz, ta= -40...+70°C, tc max=100°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 135/200-1050/220 NF C ADV3	220..240V, 50-60Hz, ta= -40...+70°C, tc max=100°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 200/200-1050/355 NF C ADV3	220..240V, 50-60Hz, ta= -40...+70°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 14/100-500/38 o4a NF C EXC3	220..240V, 50-60Hz, ta= -40...+70°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 24/200-1050/39 o4a NF C EXC3	220..240V, 50-60Hz, ta= -40...+70°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 40/200-1050/64 o4a NF C EXC3	220..240V, 50-60Hz, ta= -40...+70°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 60/200-1050/100 o4a NF C EXC3	220..240V, 50-60Hz, ta= -40...+70°C, tc max=95°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 90/200-1050/165 o4a NF C EXC3	220..240V, 50-60Hz, ta= -40...+70°C, tc max=100°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 135/200-1050/220 o4a NF C EXC3	220..240V, 50-60Hz, ta= -40...+70°C, tc max=100°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 200/200-1050/355 o4a NF C EXC3	220..240V, 50-60Hz, ta= -40...+70°C, tc max=100°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 100/1050/95 fixC L SNC2	220..240V, 50-60Hz, ta= -40...+65°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 100/1400/71 fixC L SNC2	220..240V, 50-60Hz, ta= -40...+65°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 100/500/200 fixC L SNC2	220..240V, 50-60Hz, ta= -40...+65°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 100/700/143 fixC L SNC2	220..240V, 50-60Hz, ta= -40...+65°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 150/1050/142 fixC L SNC2	220..240V, 50-60Hz, ta= -40...+65°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 150/1400/107 fixC L SNC2	220..240V, 50-60Hz, ta= -40...+65°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC

IEC 60598-2-3						
Clause	Requirement + Test			Result - Remark		Verdict

Control gear	A	Tridonic	LCO 150/500/300 fixC L SNC2	220..240V, 50-60Hz, ta= -40...+65°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 150/700/214 fixC L SNC2	220..240V, 50-60Hz, ta= -40...+65°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 200/1050/190 fixC L SNC2	220..240V, 50-60Hz, ta= -40...+65°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 200/1400/142 fixC L SNC2	220..240V, 50-60Hz, ta= -40...+65°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 200/500/400 fixC L SNC2	220..240V, 50-60Hz, ta= -40...+65°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 200/700/285 fixC L SNC2	220..240V, 50-60Hz, ta= -40...+65°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 75/1050/72 fixC L SNC2	220..240V, 50-60Hz, ta= -40...+65°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 75/1400/53 fixC L SNC2	220..240V, 50-60Hz, ta= -40...+65°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 75/500/150 fixC L SNC2	220..240V, 50-60Hz, ta= -40...+65°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Tridonic	LCO 75/700/108 fixC L SNC2	220..240V, 50-60Hz, ta= -40...+65°C, tc max=80°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 75/UNV/1A0 2DIM P7	120..277V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 100/UNV/1A0 2DIM P7	120..277V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 150/UNV/1A0 2DIM P7	120..277V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 200/UNV/1A0 2DIM P7	120..277V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 240/UNV/1A0 2DIM P7	120..277V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 320/UNV/1A1 2DIM P7	120..277V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 100/ 220-240/1A4 2DIM P7	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 150/ 220-240/1A4 2DIM P7	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC

IEC 60598-2-3						
Clause	Requirement + Test			Result - Remark	Verdict	

Control gear	A	OSRAM	OT 200/ 220-240/1A4 2DIM P7	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	OSRAM	OT 240/ 220-240/1A0 2DIM P7	220..240V, 50-60Hz, ta= -40...+55°C, tc max=85°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Inventronics	EUM – 100S	100..277V, 50-60Hz, ta= -40...+75°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Inventronics	EUM – 150S	100..277V, 50-60Hz, ta= -40...+75°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Inventronics	EUM – 200S	100..277V, 50-60Hz, ta= -40...+75°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Control gear	A	Inventronics	EUM – 240S	100..277V, 50-60Hz, ta= -40...+75°C, tc max=90°C	EN 61347-1 EN 61347-2-13	ENEC
Wires LED	B	Mrowiec	H05V-K	500 V; 0,5 mm ²	EN 50525	BBJ
Internal wires	B	Mrowiec	H05V-K	500 V; 0,5 mm ²	EN 50525	BBJ
Terminal block	B	Stucchi	651/652	16A; 400 V	EN-61984	IMQ
Terminal block	B	Stucchi	661/662	6A; 400 V	EN-61984	IMQ
Connector	B	BJB	48.281	16A; 400 V	EN 60998-2-2	VDE
Connector	B	BJB	46.412	16A; 450 V	EN 60998-2-2	VDE
Connector	B	BJB	46.413	16A; 450 V	EN 60998-2-2	VDE
Connector	B	BJB	46.414	16A; 450 V	EN 60998-2-2	VDE
Connector	B	BJB	46.415	16A; 450 V	EN 60998-2-2	VDE
Connector	B	BJB	46.455	16A; 450 V	EN 60998-2-2	VDE
Connector	B	WAGO	224-101	24A; 400 V	EN 60998-2-2	VDE
Connector	B	WAGO	224-112	24A; 400 V	EN 60998-2-2	VDE
Terminal block	B	Wieland	GST1814S	20A; 400 V	EN 61535	VDE
Terminal block	B	Wieland	GST 1512	16A; 250 V	EN 61535	VDE
Connector	B	EMC Colosio	M26B	17A; 300 V	EN 60598-1	IMQ
Knife switch (connector)	B	Longran	M29 M29 mini	16A; 450 V 16A; 250 V	EN 61984 EN 60998-2-1 EN 60998-1	TUV
Connector system	B	Tyco Electronics Corp.	2213795, 2213831, 2213837, 2213858, 2328823, 2329013	30V AC/DC 50/60Hz, 1.5A	EN 61984	CB certificate, UL EU, IEC
Connector system	B	Tyco Electronics Corp.	1-2213871-1, 1-2213871-2, 2213871-1, 2213871-2, X-2213362-X, X-2213627-X	t= -40...+80°C, tc max=80°C 150/240/300VAC, 50/60Hz, 15/7.5/6 A, Signal Contacts: 30VDC, 1.5A	EN 61984	CB certificate, UL EU, IEC
Connector system	B	LUG	iBlock	230V, 50Hz, Ta =-40°C do 70°C	EN61347-2-11	Tested and accepted by ITE PREDOM Division Test Report No. Z7-2/016/B/20

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict

Luminaire protection	B	Vossloh schwabe	SP / 230 / 10K	220-240V, 50/60Hz, Ta = -30°C do 80°C	EN 60598-2-3 EN 61643-11	VDE
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Supplementary information:

¹⁾ Provided evidence ensures the agreed level of compliance. See OD-CB2039.

The codes above have the following meaning:

- A - The component is replaceable with another one, also certified, with equivalent characteristics
- B - The component is replaceable if authorised by the test house
- C - Integrated component tested together with the appliance
- D - Alternative component

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict

ANNEX 2	TABLE: Thermal tests of Section 12			P			
	Type reference	130222.3LR7B27S1765.246.Z. V.K		—			
	Lamp used.....	ML2027202 W727-01A		—			
	Lamp control gear used.....	OSRAM OPTOTRONIC OT DX 165/220-240/1A0 DIMA LT2E		—			
	Mounting position of luminaire	on a mast arm		—			
	Supply wattage (W)	159 W		—			
	Supply current (A)	0,70 A		—			
	Temperatures in test 1 - 4 below are corrected for ta (°C)	50 °C		—			
	- abnormal operating mode	N/A		—			
1.12 (12.4)	- test 1: rated voltage	N/A		—			
	- test 2: 1,06 times rated voltage or 1,05 times rated wattage or 1,1 times constant voltage/current	254 V		—			
	- test 3: Load on wiring to socket-outlet, 1,06 times voltage or 1,05 times wattage	N/A		—			
	Through wiring or looping-in wiring loaded by a current of A during the test	N/A		—			
1.12 (12.5)	- test 4: 1,1 times rated voltage or 1,05 times rated wattage or 1,1 times constant voltage/current	N/A		—			
Temperature measurements (°C)							
Part	Ambient	Cl. 12.4 – normal				Cl. 12.5 – abnormal	
		test 1	test 2	test 3	limit	test 4	limit
LED Module	50	N/A	82	N/A	105	N/A	N/A
Control gear	50	N/A	97*	N/A	90	N/A	N/A
Connector (46.414)	50	N/A	67	N/A	85	N/A	N/A
Internal wires	50	N/A	75	N/A	90	N/A	N/A
Connector (M26B)	50	N/A	68	N/A	120	N/A	N/A
Supplementary information:							
* - acc. to standard temperature has been reduced by 10°C							

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict

ANNEX 2	TABLE: Thermal tests of Section 12			P			
	Type reference	130222.3LR7B40S2765.238.P		—			
	Lamp used.....	ML2027203 W740-01A		—			
	Lamp control gear used.....	TRIDONIC LCO 200/200 1050/355 o4a NF C EXC3		—			
	Mounting position of luminaire	on a mast arm		—			
	Supply wattage (W)	204 W		—			
	Supply current (A)	0,89 A		—			
	Temperatures in test 1 - 4 below are corrected for ta (°C)	50 °C		—			
	- abnormal operating mode	N/A		—			
1.12 (12.4)	- test 1: rated voltage	N/A		—			
	- test 2: 1,06 times rated voltage or 1,05 times rated wattage or 1,1 times constant voltage/current	254 V		—			
	- test 3: Load on wiring to socket-outlet, 1,06 times voltage or 1,05 times wattage	N/A		—			
	Through wiring or looping-in wiring loaded by a current of A during the test	N/A		—			
1.12 (12.5)	- test 4: 1,1 times rated voltage or 1,05 times rated wattage or 1,1 times constant voltage/current	N/A		—			
Temperature measurements (°C)							
Part	Ambient	Cl. 12.4 – normal				Cl. 12.5 – abnormal	
		test 1	test 2	test 3	limit	test 4	limit
LED Module	50	N/A	90	N/A	105	N/A	N/A
Control gear	50	N/A	101*	N/A	95	N/A	N/A
Connector (46.414)	50	N/A	77	N/A	85	N/A	N/A
Internal wires	50	N/A	85	N/A	90	N/A	N/A
Luminaire protection	50	N/A	72	N/A	80	N/A	N/A
Supplementary information:							
* - acc. to standard temperature has been reduced by 10°C							

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
ANNEX 3	Screw terminals (part of the luminaire)		N/A
(14)	SCREW TERMINALS		N/A
(14.2)	Type of terminal..... :	N/A	—
	Rated current (A)..... :	N/A	—
(14.3.2.1)	One or more conductors		N/A
(14.3.2.2)	Special preparation		N/A
(14.3.2.3)	Terminal size		N/A
	Cross-sectional area (mm ²)..... :	N/A	—
(14.3.3)	Conductor space (mm)..... :		N/A
(14.4)	Mechanical tests		N/A
(14.4.1)	Minimum distance		N/A
(14.4.2)	Cannot slip out		N/A
(14.4.3)	Special preparation		N/A
(14.4.4)	Nominal diameter of thread (metric ISO thread) :	M	N/A
	External wiring		N/A
	No soft metal		N/A
(14.4.5)	Corrosion		N/A
(14.4.6)	Nominal diameter of thread (mm) :		N/A
	Torque (Nm) :		N/A
(14.4.7)	Between metal surfaces		N/A
	Lug terminal		N/A
	Mantle terminal		N/A
	Pull test; pull (N) :		N/A
(14.4.8)	Without undue damage		N/A

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
ANNEX 4	Screwless terminals (part of the luminaire)		P
(15)	SCREWLESS TERMINALS		P
(15.2)	Type of terminal..... :	screwless terminal	—
	Rated current (A)..... :	16 A	—
(15.3.1)	Material		P
(15.3.2)	Clamping		P
(15.3.3)	Stop		P
(15.3.4)	Unprepared conductors		P
(15.3.5)	Pressure on insulating material		P
(15.3.6)	Clear connection method		P
(15.3.7)	Clamping independently		P
(15.3.8)	Fixed in position		P
(15.3.10)	Conductor size		P
	Type of conductor		P
(15.5)	Terminals and connections for internal wiring		P
(15.5.1)	Mechanical tests		P
(15.5.1.1.1)	Pull test spring-type terminals (4 N, 4 samples)		P
(15.5.1.1.2)	Pull test pin or tab terminals (4 N, 4 samples)		P
	Insertion force not exceeding 50 N		P
(15.5.1.2)	Permanent connections: pull-off test (20 N)		N/A
(15.5.2)	Electrical tests		P
	Voltage drop (mV) after 1 h (4 samples)..... :	13,0mV	P
	Voltage drop of two inseparable joints		P
	Number of cycles:	100	—
	Voltage drop (mV) after 10th alt. 25th cycle (4 samples)..... :		N/A
	Voltage drop (mV) after 50th alt. 100th cycle (4 samples)..... :	14,5 mV	P
	After ageing, voltage drop (mV) after 10th alt. 25th cycle (4 samples)		N/A
	After ageing, voltage drop (mV) after 50th alt. 100th cycle (4 samples)	15,7 mV	P
(15.6)	Terminals and connections for external wiring		N/A
(15.6.1)	Conductors		N/A
	Terminal size and rating		N/A
15.6.2	Mechanical tests		N/A

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
(15.6.2.1)	Pull test spring-type terminals or welded connections (4 samples); pull (N)		N/A
(15.6.2.2)	Pull test pin or tab terminals (4 samples); pull (N)		N/A
(15.6.3)	Electrical tests		N/A
	Tests according 15.6.3.1 + 15.6.3.2 in IEC 60598-1		N/A

(15.6.3.1) (15.6.3.2)	TABLE: Contact resistance test / Heating tests										N/A
	Voltage drop (mV) after 1 h										—
terminal	1	2	3	4	5	6	7	8	9	10	
voltage drop (mV)											N/A
	Voltage drop of two inseparable joints										N/A
	Voltage drop after 10th alt. 25th cycle										N/A
	Max. allowed voltage drop (mV)										—
terminal	1	2	3	4	5	6	7	8	9	10	
voltage drop (mV)											N/A
	Voltage drop after 50th alt. 100th cycle										N/A
	Max. allowed voltage drop (mV)										—
terminal	1	2	3	4	5	6	7	8	9	10	
voltage drop (mV)											N/A
	Continued ageing: voltage drop after 10th alt. 25th cycle										N/A
	Max. allowed voltage drop (mV)										—
terminal	1	2	3	4	5	6	7	8	9	10	
voltage drop (mV)											N/A
	Continued ageing: voltage drop after 50th alt. 100th cycle										N/A
	Max. allowed voltage drop (mV)										—
terminal	1	2	3	4	5	6	7	8	9	10	
voltage drop (mV)											N/A
											N/A
Supplementary information:											

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict

List of test equipment used:

A completed list of used test equipment shall be provided in the Test Reports when a Customer's Testing Facility according to CTF stage 1 or CTF stage 2 procedure has been used.

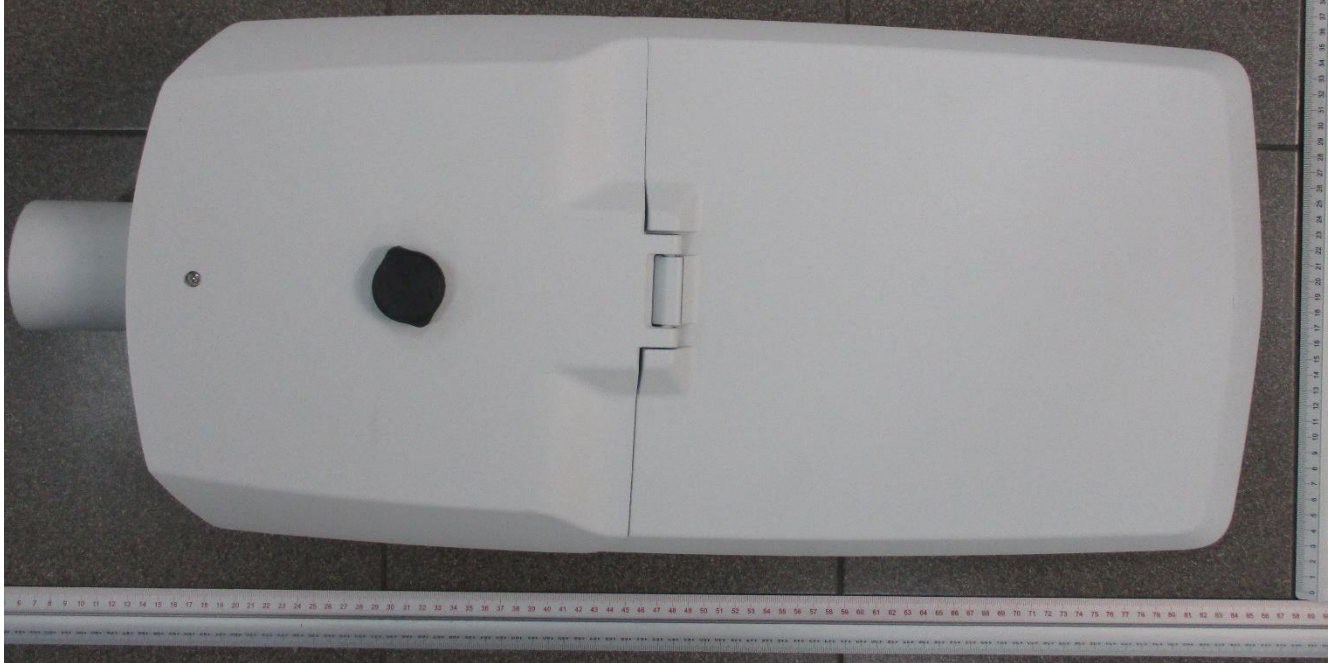
Other forms with a different layout but containing corresponding information are also acceptable.

Note: This page may be removed when CTF stage 1 CTF stage 2 are not used. See also clause 4.8 in OD 2020 for more details.

Clause	Measurement / testing	Testing / measuring equipment / material used, (Equipment ID)	Range used	Last Calibration date	Calibration due date

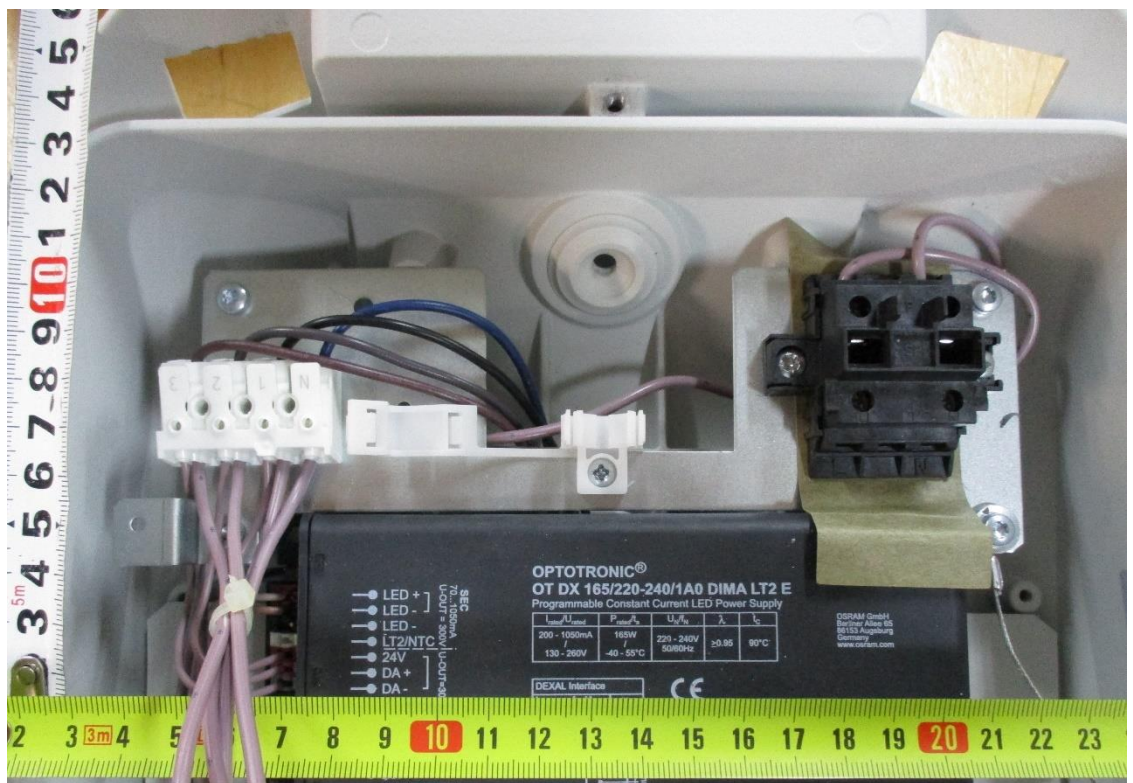
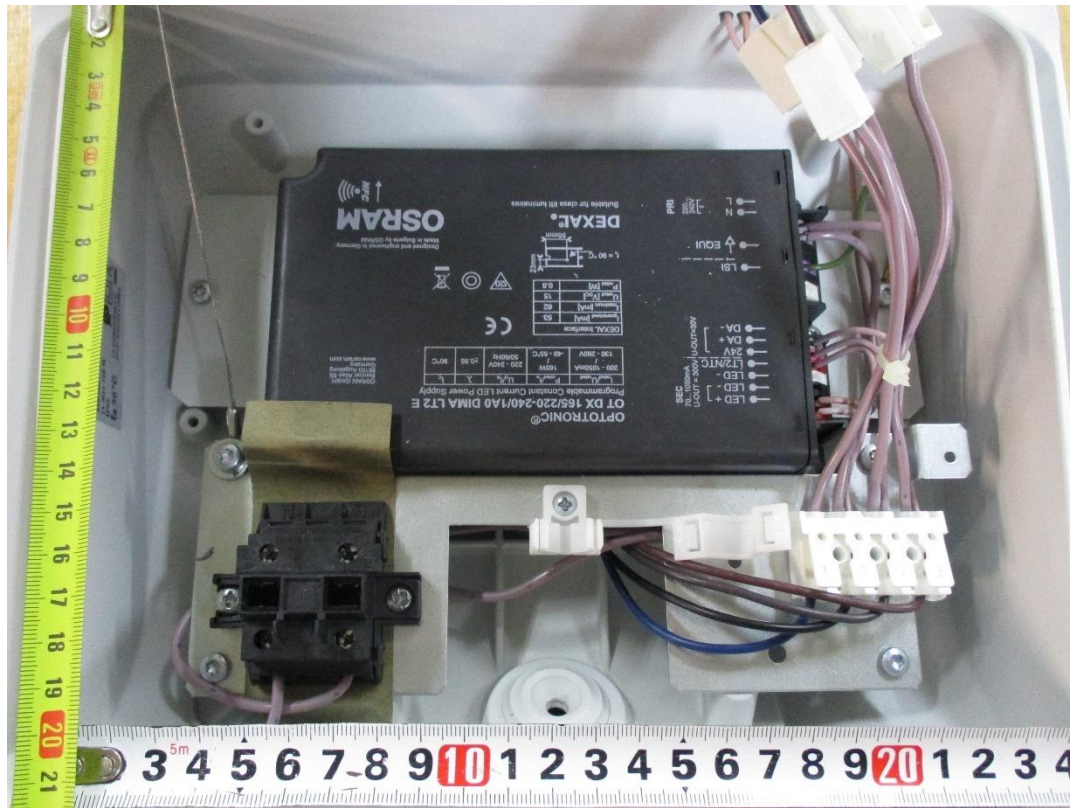
IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict

130222.3LR7B27S1765.246.Z.V.K

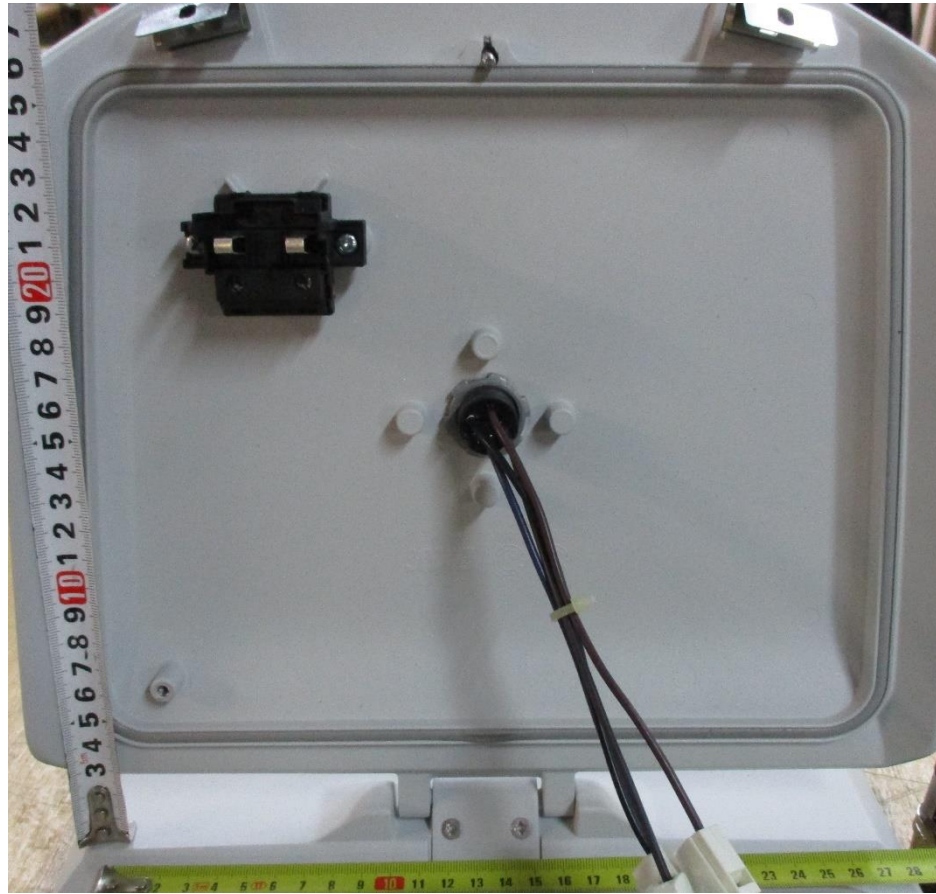


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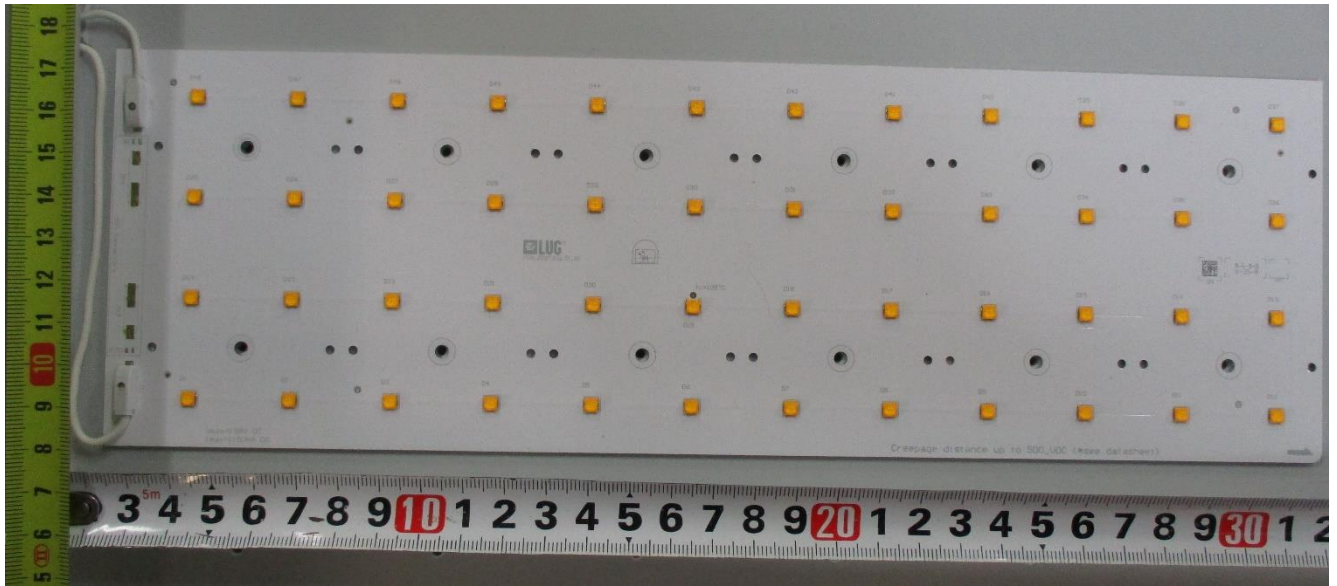
IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict



IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict

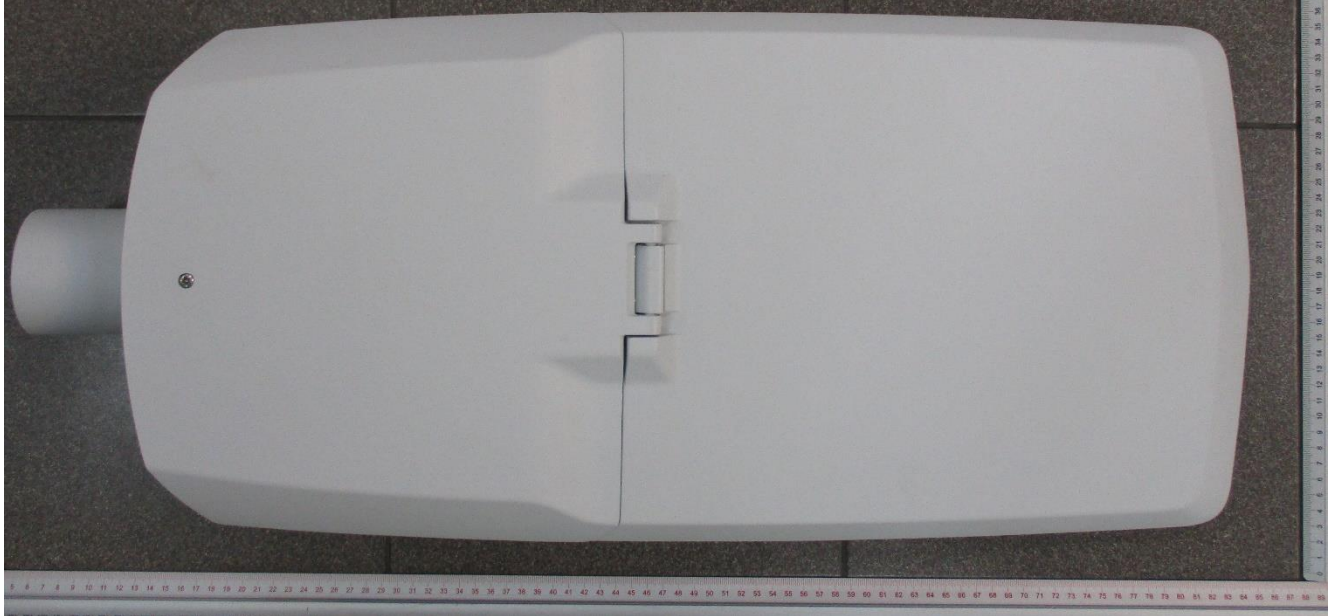


IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict

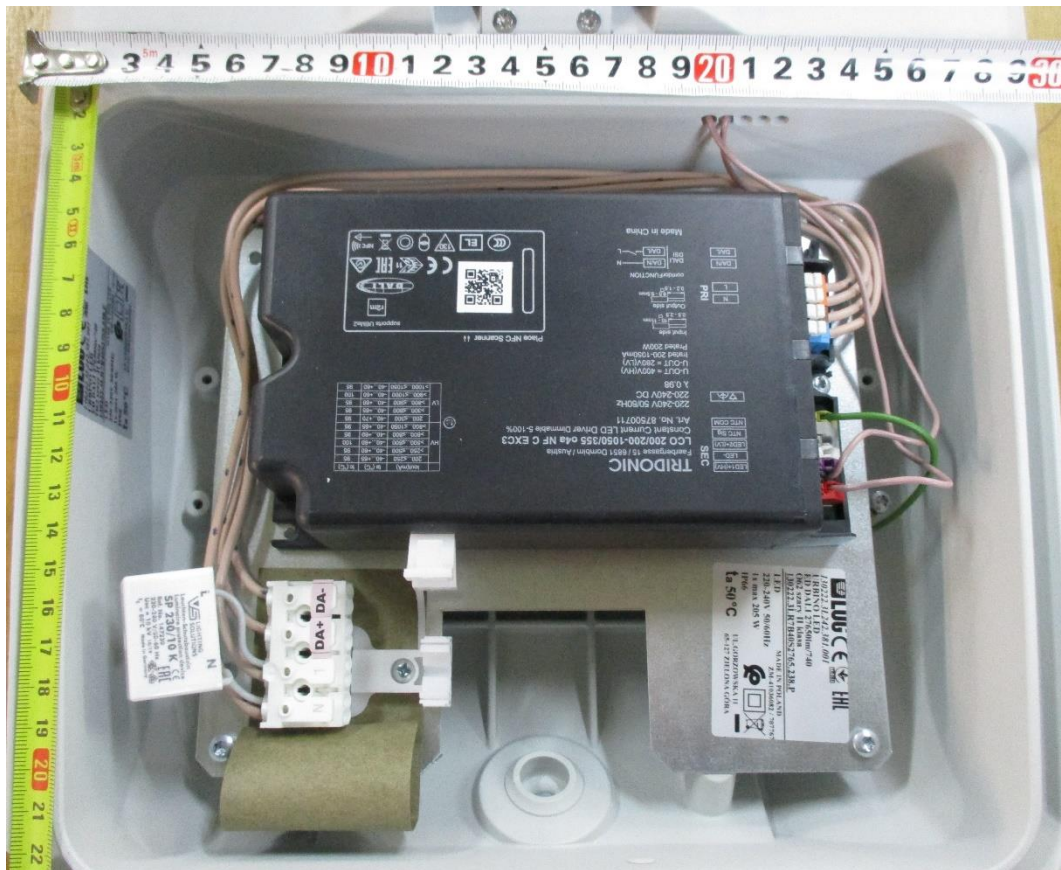


IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict

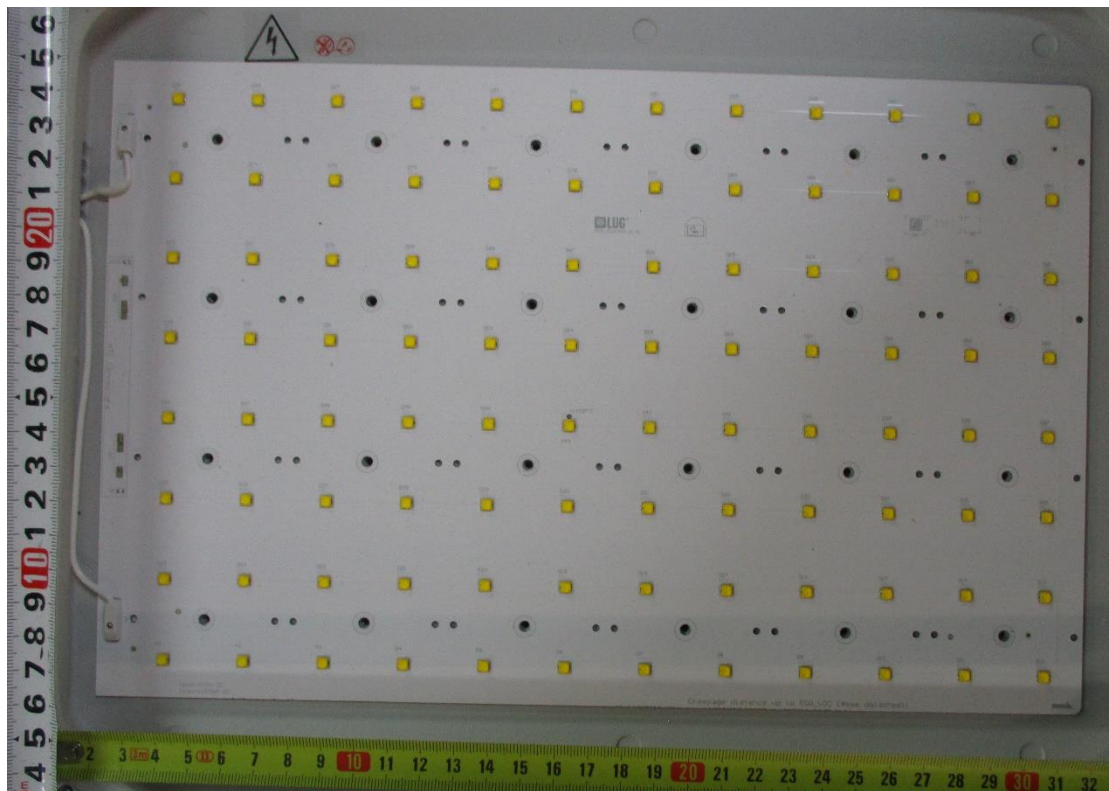
130222.3LR7B40S2765.238.P



IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict



IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict



IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict

