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

Digitally signed by Manoil Eduard
Date: 2023.04.04 15:16:46 EEST
Reason: MoldSign Signature
Location: Moldova

Report Number. ..... :	**BS-3/061/B/19/M2**
Date of issue ..... :	Original Report Reference No. BS-3/061/B/19 + Attachment No. 1 (EU Group Differences and National Differences Report Reference No. 1 BS-3/061/B/1/19): 29.05.2019 Amendment No. 1 Report Reference BS-3/061/B/19/M1 + Attachment No. 1 (EU Group Differences and National Differences Report Reference No. BS-3/061/B/1/19/M1) : 09.12.2019 Amendment No. 2 Report Reference BS-3/061/B/19/M2 + Attachment No. 1 (EU Group Differences and National Differences Report Reference No. BS-3/061/B/1/19/M2) : 11.09.2020
Total number of pages ..... :	Original Report Reference No. BS-3/061/B/19: 60 pages + Attachment No. 1 (EU Group Differences and National Differences Report Reference No. 1 BS-3/061/B/1/19 - 1 page) Amendment No. 1 Report Reference BS-3/061/B/19/M1: 41 + Attachment No. 1 (EU Group Differences and National Differences Report Reference No. BS-3/061/B/1/19/M1 - 1 page) Amendment No. 2 Report Reference BS-3/061/B/19/M2: 39 + Attachment No. 1 (EU Group Differences and National Differences Report Reference No. BS-3/061/B/1/19/M2 - 1 page)
Name of Testing Laboratory preparing the Report ..... :	Łukasiewicz Research Network - ITE PREDOM Division 02-255 Warszawa, ul. Krakowiaków 53, Poland
Applicant's name ..... :	Signify Poland Sp. z o.o.
Address ..... :	O/Kętrzyn, ul. Chrobrego 8, 11-400 Kętrzyn, 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

This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.

General disclaimer:

The test results presented in this report relate only to the object tested.
This report shall not be reproduced, except in full, without the written approval of the Issuing CB Testing Laboratory.
The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.

Test item description..... :	Luminaires for road and street lighting
Trade Mark..... :	Philips
Manufacturer ..... :	Signify Poland Sp. z o.o., O/Kętrzyn, 11-400 Kętrzyn, ul. Chrobrego 8, Poland
Model/Type reference..... :	UniStreet gen2 BGP281 / BGP282 / BGP283 / BGP284; LumiStreet gen2 BGP291 / BGP292 / BGP293 / BGP294; LumiStreet Pro gen2 BGP391 / BGP392 / BGP393 / BGP394...II... - series
Ratings..... :	220 -240V, 50/60Hz, IP66, cl. II

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):

☒	**CB Testing Laboratory:**	ITE PREDOM Division
Testing location/ address ..... :		02-255 Warszawa, ul. Krakowiaków 53, Poland
Tested by (name, function, signature)..... :		K. Lisowski
Approved by (name, function, signature) .. :		T. Małyska
Supervised by (name, function, signature) :		A. Piotrowski

☐	**Testing procedure: CTF Stage 1:**		
Testing location/ address ..... :			
Tested by (name, function, signature)..... :			
Approved by (name, function, signature) .. :			

☐	**Testing procedure: CTF Stage 2:**		
Testing location/ address ..... :			
Tested by (name + signature)..... :			
Witnessed by (name, function, signature) . :			
Approved by (name, function, signature) .. :			

☐	**Testing procedure: CTF Stage 3:**		
☐	**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) :			

List of Attachments (including a total number of pages in each attachment):

Attachment No. 1 (Report Reference No. BS-3/061/B/1/19/M2 – 1 page)

Summary of testing: Test result – positive

Tests performed (name of test and test clause):	**Testing location:**
IEC 60598-2-3:2002, AMD1:2011 used in conjunction with IEC 60598-1:2014, AMD1:2017 - cl. 3.2(0), 3.4(2), 3.5(3), 3.6(4), 3.11(8), 3.7(11), 3.10(5), 3.12(12), 3.14(10).	Łukasiewicz Research Network - ITE PREDOM Division 02-255 Warszawa, ul. Krakowiaków 53, Poland

Summary of compliance with National Differences:

Attachment No. 1 (Report Reference No. BS-3/061/B/1/19/M2 – 1 page)

☒ **The product fulfils the requirements of EN 60598-2-3:2003 + A1:2011 used in conjunction with EN 60598-1:2015 + A1:2018**

Copy of marking plate:

Test item particulars .....:	Luminaires for road and street lighting
Classification of installation and use .....:	Normal
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 ..... :	22.07.2020
Date (s) of performance of tests..... :	22.07.2020 – 11.09.2020

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 ☒ comma / ☐ 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 IECEE 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 .....:	☐ **Yes** ☒ **Not applicable**

When differences exist; they shall be identified in the General product information section.

Name and address of factory (ies).....:	Signify Poland Sp. z o.o. O/Kętrzyn ul. Chrobrego 8, 11-400 Kętrzyn, Poland

General product information:

In the original Test Report No. BS-3/061/B/19 dated 29.05.2019, luminaires for road and street lighting UniStreet gen2 BGP281 / BGP282 / BGP283 / BGP284, LumiStreet gen2 BGP291 / BGP292 / BGP293 / BGP294 and LumiStreet Pro gen2 BGP391 / BGP392 / BGP393 / BGP394...II... - series have been evaluated.

Amendment No. 1 to Test Report No. BS-3/061/B/19 dated 25.09.2019:
The original Test Report No. BS-3/061/B/19 dated 29.05.2019 was modified on 09.12.2019.

Scope of modifications of this Test Report:

1. Choice sheet have been modified.

old:

5. 757,740,830,420,518,610	-	LEDGINE version/color – CRI>76, CW 5700K, NW 4000K, CRI>80, WW 3000K, Clearstar NW 4000K, Clearstar WW 3000K , Clearfield

new:

5. 757,740,830,420,518,610, 722,727,730	-	LEDGINE version/color – CRI>70 - CW 5700K, NW 4000K, WW 2200K, WW 2700K, WW 3000 , CRI>80 - WW 3000K, Clearstar NW 4000K, Clearstar WW 3000K , Clearfield,

old:

16. F	-	Cable finish: - - Standard (no cable insulated) F - Gray wire insulated Q - Gray wire and black wire insulated G - Line wire black K - Line wire black and gray wire insulated P - Line wire black, gray wire and brown wire insulated

new:

16. B	-	Cable finish: - - Standard (no cable insulated) B - Protective earth wire insulated D - Gray wire insulated L - Protective earth wire, gray wire and black wire insulated H - Line wire black and protective earth wire insulated J - Line wire black, protective earth wire and gray wire insulated M - Line wire black, protective earth wire, gray wire and brown wire insulated

2. List of system configuration have been modified.

3. New components have been added:
- PCB LED PCBA LDGOSQ2.0 MICRO 06 O119H1 740 1.0;
- PCB LED PCBA LDGOSQ2.0 MICRO 06 O118H1 830 1.0;
- PCB LED PCBA LDGOSQ2.0 MICRO 06 O119H1 757 1.0 ;
- PCB LED PCBA LDGOSQ2.0 MICRO 10 O119H1 740 1.0;
- PCB LED PCBA LDGOSQ2.0 MICRO 10 O118H1 830 1.0;
- PCB LED PCBA LDGOSQ2.0 MICRO 10 O119H1 757 1.0;
- PCB LED PCBA LDGOSQ2.0 MICRO 20 O119H1 740 1.0;
- PCB LED PCBA LDGOSQ2.0 MICRO 20 O118H1 830 1.0;
- PCB LED PCBA LDGOSQ2.0 MICRO 20 O119H1 757 1.0;
- PCB LED PCBA LDGOSQ2.0 MINI 30 O119H1 740 1.0;
- PCB LED PCBA LDGOSQ2.0 MINI 30 O118H1 830 1.0;
- PCB LED PCBA LDGOSQ2.0 MINI 30 O119H1 757 1.0;
- PCB LED PCBA LDGOSQ2.0 MINI 40 O119H1 740 1.0;
- PCB LED PCBA LDGOSQ2.0 MINI 40 O118H1 830 1.0;
- PCB LED PCBA LDGOSQ2.0 MINI 40 O119H1 757 1.0;
- PCB LED PCBA LDGOSQ2.0 MICRO 20 O118H1 610 1.0;
- PCB LED PCBA LDGOSQ2.0 MINI 40 O118H1 610 1.0;
- PCB LED PCBA LDGOSQ2.0 MICRO 06 O219H1 722 1.0;
- PCB LED PCBA LDGOSQ2.0 MICRO 06 O219H1 727 1.0;
- PCB LED PCBA LDGOSQ2.0 MICRO 06 HP18H1 730 1.0;
- PCB LED PCBA LDGOSQ2.0 MICRO 10 O219H1 722 1.0;
- PCB LED PCBA LDGOSQ2.0 MICRO 10 O219H1 727 1.0;
- PCB LED PCBA LDGOSQ2.0 MICRO 10 HP18H1 730 1.0;
- PCB LED PCBA LDGOSQ2.0 MICRO 20 O219H1 722 1.0;
- PCB LED PCBA LDGOSQ2.0 MICRO 20 O219H1 727 1.0;
- PCB LED PCBA LDGOSQ2.0 MICRO 20 HP18H1 730 1.0;
- PCB LED PCBA LDGOSQ2.0 MINI 30 O219H1 722 1.0;
- PCB LED PCBA LDGOSQ2.0 MINI 30 O219H1 727 1.0;

- PCB LED PCBA LDGOSQ2.0 MINI 30 HP18H1 730 1.0;
- PCB LED PCBA LDGOSQ2.0 MINI 40 O219H1 722 1.0;
- PCB LED PCBA LDGOSQ2.0 MINI 40 O219H1 727 1.0;
- PCB LED PCBA LDGOSQ2.0 MINI 40 O119H1 730 1.0;
- Bleeder Resistor VRW68;
- Surge Protective Device SPD NSS-10/230-C2-WD.

Amendment No. 2 to Test Report No. BS-3/061/B/19 dated 25.09.2019:
The original Test Report No. BS-3/061/B/19 dated 29.05.2019 was modified on 11.09.2020.

Scope of modifications of this Test Report:
1. Rated temperature t_a changed:
- old:
ta = 15˚C, 25˚C, 35˚C, 40˚C, 45˚C, 50˚C
- new:
ta =
-40….+50˚C – For luminaires not equipped with GPRS, RF antenna, Line Switch DALI and Photocell
-30…+50˚C – For luminaires equipped with GPRS antenna but without Photocell and Line Switch DALI
-20…+50˚C – For luminaires equipped with Photocell, Line Switch DALI

2. New components have been added:
PCBA LDGOSQ2.0 MICRO 06 O220H2 740 1.0
PCBA LDGOSQ2.0 MICRO 10 O220H2 740 1.0
PCBA LDGOSQ2.0 MICRO 20 O220H2 740 1.0
PCBA LDGOSQ2.0 MINI 30 O220H2 740 1.0
PCBA LDGOSQ2.0 MINI 40 O220H2 740 1.0
PCBA LDGOSQ2.0 MICRO 06 O220H2 830 1.0
PCBA LDGOSQ2.0 MICRO 10 O220H2 830 1.0
PCBA LDGOSQ2.0 MICRO 20 O220H2 830 1.0
PCBA LDGOSQ2.0 MINI 30 O220H2 830 1.0
PCBA LDGOSQ2.0 MINI 40 O220H2 830 1.0
PCBA LDGOSQ2.0 MICRO 06 O220H2 757 1.0
PCBA LDGOSQ2.0 MICRO 10 O220H2 757 1.0
PCBA LDGOSQ2.0 MICRO 20 O220H2 757 1.0
PCBA LDGOSQ2.0 MINI 30 O220H2 757 1.0
PCBA LDGOSQ2.0 MINI 40 O220H2 757 1.0
PCBA LDGOSQ2.0 MICRO 06 O220H2 730 1.0
PCBA LDGOSQ2.0 MICRO 10 O220H2 730 1.0
PCBA LDGOSQ2.0 MICRO 20 O220H2 730 1.0
PCBA LDGOSQ2.0 MINI 30 O220H2 730 1.0
PCBA LDGOSQ2.0 MINI 40 O220H2 730 1.0
Xi FP 150W 0.2-0.7A SNLCDAE 230V S240 sX
Xi FP 150W 0.3-1.0A SNLCDAE 230V S240 sX
Xi FP 40W 0.2-0.7A SNLCDAE 230V S175 sX
Xi FP 75W 0.2-0.7A SNLCDAE 230V S240 sX
Xi FP 75W 0.3-1.0A SNLCDAE 230V S240 sX
Xi FP 75W 0.2-0.7A SNLDAE 230V C133 sXt
Xi FP 110W 0.2-0.7A SNLDAE 230V C133 sXt

3. List of system configuration and component list have been modified.

After review of the construction, the additional tests for cl. 3.2(0), 3.4(2), 3.5(3), 3.6(4), 3.7(11), 3.10 (5), 3.11(8), 3.12(12), 3.14 (10) according to IEC 60598-2-3:2002 + AMD1:2011 used in conjunction with IEC 60598-1:2014 + AMD1:2017 were considered necessary, as well as the table Annex 1 (components) has been completed.
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-3/061/B/1/19/M2).

General product information:

Name and address of the license holder:	**Signify Poland Sp. z o.o., O/Kętrzyn, ul. Chrobrego 8, 11-400 Kętrzyn, Poland**
Address of the factory:	**Signify Poland Sp. z o.o., O/Kętrzyn, ul. Chrobrego 8, 11-400 Kętrzyn, Poland**
Name of product:	**Luminaires for road and street lighting**
Type (model):	**UniStreet gen2 BGP281 / BGP282 / BGP283 / BGP284; LumiStreet gen2 BGP291 / BGP292 / BGP293 / BGP294; LumiStreet Pro gen2 BGP391 / BGP392 / BGP393 / BGP394...II... - series** (see bellow)
Trade mark :	**PHILIPS**
Technical data:	
rated voltage	~220-240V
rated current	max. 1,1A
rated frequency	50/60Hz
number of lamps	6 – 160 LEDs
type of lamp	LED
protection against electric shock	class II
degree of protection	IP 66, IK08 (glass 4mm), IK09 (glass 6mm)
classification of the luminaires, with respect to the supporting material	normal
mains connections	connector
ta	-40…+50˚C – For luminaires not equipped with GPRS, RF antenna, Line Switch DALI and Photocell
	-30…+50˚C – For luminaires equipped with GPRS antenna but without Photocell and Line Switch DALI
	-20…+50˚C – For luminaires equipped with Photocell, Line Switch DALI

List of the luminaires

Choice sheet of the luminaires UniStreet gen2 BGP281 / BGP282 / BGP283 / BGP284, LumiStreet gen2 BGP291 / BGP292 / BGP293 / BGP294 and LumiStreet Pro gen2 BGP391 / BGP392 / BGP393 / BGP394...II... - series have been evaluated**:**

Example:

BGP281 LW10 LED120-4S/740 PSU II DM 7045 MSP DDF1 D11 CTG-DGR SRG10 3183Y-3x0,75 B 60 CT

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

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

1. BGP281 - Code of the serie/size (Mikro: 281,291,391; Mini:282,292,392; Medium: 283,293,393; Large: 284,294,394)

2. LW10 - LightWave (GPRS) option
LW10: telemanagement option with 10 years contract
LW5: telemanagement option with 5 years contract
LW1: telemanagement option with 1 year contract
LWCO: telemanagement option with signed service contract
LWFP: telemanagement option without contract

3. LED6 - LEDGINE flux(x100) [lumen]
range: from LED6 to LED490

4. 4S - Ledgine generation 4S when missing latest version applied

5. 757,740,830,420,518,610, 722,727,730 - LEDGINE version/color – CRI>70 - CW 5700K, NW 4000K, WW 2200K, WW 2700K, WW 3000 , CRI>80 - WW 3000K, Clearstar NW 4000K, Clearstar WW 3000K , Clearfield,

6. PSD - Driver type :
- PSU - Standard (non Dimmable)
- PSR - Dimmable driver 1-10V
- PSD - Dimmable driver DALI
- PSA - Dimmable driver AmpDim
- PSDD - Dimmable driver Dynadim integrated
- PSM - Power supply unit with coded mains interface
- PSD-SR - Power supply unit with DALI and SystemReady interface

7. II - Safety Class II

8. DM - Optic DMxx, DNxx, DWxx, DSxx, DPLxx, BLxx, DRMx, DRNx, DXxx – Road light distribution

9. xxxx/xx-xxxx - RAL Colour, Colour Choice AKZO, British standard colours, GR, DGR

10. MSP - Marine salt protected coating

11. Dxx - Light control Dxx,DDFxx, CLOxx – Different light settings (dimming time, communication type, constant light output ect) **ex1**. D9 –Dimming with external communication with DALI, **ex2**: CLO-DDF3- Dynadimmer with fixed presets version with CLO

12. D11	-	Light regulation: D9: External dimming Dali D11: Line Switch through switch OFF D12: Line Switch through switch ON D13: Mains Dimming D18: Dynadimmer integrated (PSDD) D24: DynaDimmer int. DALI unprog. D28: Dimming via coded mains voltage
13. CTG-DGR	-	Socket: P1, P1-M, P1-5, P1-5 CP, P1-7, P1-7 CP, PZO-20, SRT, SRB, PSC, Sensor: PZC-35-0.5, PZC-55-0.5, PZC-70-0.5, PSC-35, PSC-55, PSC-70, CTGO-DGR, CTGO-35-DGR, CTGO-55-DGR, CTGO-70-DGR, CTGO-LGR, CTGO-35-LGR, CTGO-55-LGR, CTGO-70-LGR, CTGO-AC-LGR, CTGN-LGR, CTGN-35-LGR, CTGN-55-LGR, CTGN-70-LGR, CTGN-AC-LGR, EZR, WST2, WST7
14. SRG10	-	10kV Surge Protection Device
15. 3183Yxx/H07RN-Yx	-	POWER CABLE H05-VV 3/5X…m in wide range of length (0,75;1,5; 2,5 mm2), POWER CABLE H07RN in wide range of length where Y is 2,3,4 or 5 core, cable types: H05VV-F, S05Z1Z1-R, H05RR-F, H07RN-F, H07BQ-F, H05VV-F Arctic, H05VV-U, RTPR with different length and finishing
16. B	-	Cable finish: - - Standard (no cable insulated) B - Protective earth wire insulated D - Gray wire insulated L - Protective earth wire, gray wire and black wire insulated H - Line wire black and protective earth wire insulated J - Line wire black, protective earth wire and gray wire insulated M - Line wire black, protective earth wire, gray wire and brown wire insulated
17. 32/60S	-	Spigot type: Side Entry : 32/48S, 48/60S,76S, 32/76S, 48/76S, 32/60S Post Top: 32/48P, 48/60P, 76P, 32/76P, 48/76P, 32/60P
18. CT	-	Type of packaging – carton box

List of LED's and electronic driver's system for core version:

LED's and electronic led driver system	PCB LED	Driver	Current
LEDxxx Example: LED6 - 600lm LED8 - 800lm LED10 – 1000lm LED16 – 1600lm LED20 – 2000lm LED25 – 2500lm LED30 – 3000lm LED35 – 3500lm LED40 – 4000lm LED45 – 4500lm LED50 – 5000lm LED54 – 5400lm LED59 – 5900lm LED60 – 6000lm LED64 – 6400lm LED69 – 6900lm LED74 – 7400lm LED79 – 7900lm LED90 – 9000lm LED120 – 12000lm LED139 – 13900lm ... LED490 – 49000lm	**PCB XXX XXX XX** Example: PCBA LDGOSQ1.0 MICRO 006 OS3H2-17 740 PCBA LDGOSQ1.0 MICRO 006 OS3H2-17 830 PCBA LDGOSQ1.0 MICRO 006 OS3H2-17 757 PCBA LDGOSQ1.0 MICRO 010 OS3H1-18 740 PCBA LDGOSQ1.0 MICRO 010 OS3H1-18 757 PCBA LDGOSQ1.0 MICRO 020 OS3H1-18 740 PCBA LDGOSQ1.0 MICRO 020 OS3H1-18 757 PCBA LDGOSQ1.0 MICRO 020 OS3H1-18 610 PCBA LDGOSQ1.0 MICRO 030 OS3H1-18 740 PCBA LDGOSQ1.0 MICRO 030 OS3H1-18 757 PCBA LDGOSQ1.0 MINI 040 OS3H1-18 740 PCBA LDGOSQ1.0 MINI 040 OS3H1-18 757 PCBA LDGOSQ1.0 MINI 040 OS3H1-18 610 PCB LUMA MICRO 10 OSLONG3 WW PCB LUMA MICRO 20 OSLONG3 WW PCB LUMA MINI 30 OSLONG3 WW PCB LUMA MINI 40 OSLONG3 WW PCBA LDGOSQ2.0 MICRO 06 O118H1 740 1.0 PCBA LDGOSQ2.0 MICRO 06 O118H1 830 1.0 PCBA LDGOSQ2.0 MICRO 06 O119H1 757 1.0 PCBA LDGOSQ2.0 MICRO 10 O119H1 740 1.0 PCBA LDGOSQ2.0 MICRO 10 O118H1 830 1.0 PCBA LDGOSQ2.0 MICRO 10 O119H1 757 1.0 PCBA LDGOSQ2.0 MICRO 20 O119H1 740 1.0 PCBA LDGOSQ2.0 MICRO 20 O118H1 830 1.0 PCBA LDGOSQ2.0 MICRO 20 O119H1 757 1.0 PCBA LDGOSQ2.0 MINI 30 O119H1 740 1.0 PCBA LDGOSQ2.0 MINI 30 O118H1 830 1.0 PCBA LDGOSQ2.0 MINI 30 O119H1 757 1.0 PCBA LDGOSQ2.0 MINI 40 O119H1 740 1.0 PCBA LDGOSQ2.0 MINI 40 O118H1 830 1.0 PCBA LDGOSQ2.0 MINI 40 O119H1 757 1.0 PCBA LDGOSQ2.0 MICRO 20 O118H1 610 1.0 PCBA LDGOSQ2.0 MINI 40 O118H1 610 1.0 PCBA LDGOSQ2.0 MICRO 06 O219H1 722 1.0 PCBA LDGOSQ2.0 MICRO 06 O219H1 727 1.0 PCBA LDGOSQ2.0 MICRO 06 HP18H1 730 1.0 PCBA LDGOSQ2.0 MICRO 10 O219H1 722 1.0 PCBA LDGOSQ2.0 MICRO 10 O219H1 727 1.0 PCBA LDGOSQ2.0 MICRO 10 HP18H1 730 1.0 PCBA LDGOSQ2.0 MICRO 20 O219H1 722 1.0 PCBA LDGOSQ2.0 MICRO 20 O219H1 727 1.0 PCBA LDGOSQ2.0 MICRO 20 HP18H1 730 1.0 PCBA LDGOSQ2.0 MINI 30 O219H1 722 1.0 PCBA LDGOSQ2.0 MINI 30 O219H1 727 1.0 PCBA LDGOSQ2.0 MINI 30 HP18H1 730 1.0 PCBA LDGOSQ2.0 MINI 40 O219H1 722 1.0 PCBA LDGOSQ2.0 MINI 40 O219H1 727 1.0 PCBA LDGOSQ2.0 MINI 40 O119H1 730 1.0 PCBA LDGOSQ2.0 MICRO 06 O220H2 740 1.0 PCBA LDGOSQ2.0 MICRO 10 O220H2 740 1.0 PCBA LDGOSQ2.0 MICRO 20 O220H2 740 1.0 PCBA LDGOSQ2.0 MINI 30 O220H2 740 1.0 PCBA LDGOSQ2.0 MINI 40 O220H2 740 1.0 PCBA LDGOSQ2.0 MICRO 06 O220H2 830 1.0 PCBA LDGOSQ2.0 MICRO 10 O220H2 830 1.0 PCBA LDGOSQ2.0 MICRO 20 O220H2 830 1.0 PCBA LDGOSQ2.0 MINI 30 O220H2 830 1.0 PCBA LDGOSQ2.0 MINI 40 O220H2 830 1.0 PCBA LDGOSQ2.0 MICRO 06 O220H2 757 1.0 PCBA LDGOSQ2.0 MICRO 10 O220H2 757 1.0 PCBA LDGOSQ2.0 MICRO 20 O220H2 757 1.0 PCBA LDGOSQ2.0 MINI 30 O220H2 757 1.0 PCBA LDGOSQ2.0 MINI 40 O220H2 757 1.0 PCBA LDGOSQ2.0 MICRO 06 O220H2 730 1.0 PCBA LDGOSQ2.0 MICRO 10 O220H2 730 1.0 PCBA LDGOSQ2.0 MICRO 20 O220H2 730 1.0 PCBA LDGOSQ2.0 MINI 30 O220H2 730 1.0 PCBA LDGOSQ2.0 MINI 40 O220H2 730 1.0 **(10 – no of LEDs; WW/740 – color temp)**	**Xi FP xxW xxxA xxxxx** Example: Xi FP **22W 0.2-0.7A** SNLDAE 230V S175 SXT Xi FP **40W 0.2-0.7A** SNLDAE 230V S175 sXt Xi FP **75W 0.2-0.7A** SNLDAE 230V S240 sXt Xi FP **110W 0.2-0.7A** SNLDAE 230V C165 sXt Xi FP **150W 0.2-0.7A** SNLDAE 230V S240 sXt Xi FP **40W 0.2-0.7A** SNLCDAE 230V S175 sX Xi FP **75W 0.2-0.7A** SNLCDAE 230V S240 sX Xi FP **110W 0.2-0.7A** SNLCDAE 230V C133 sXt Xi FP **150W 0.2-0.7A** SNLCDAE 230V S240 sX Xi SR **22W 0.2-0.7A** SNEMP 230V S240 sXt XI SR **40W 0.2-0.7A** SNEMP 230V C133 Xi SR **75W 0.2-0.7A** SNEMP 230V S240 XI SR **110W 0.2-0.7A** SNEMP 230V C150 SXT Xi SR **150W 0.2-0.7A** SNEMP 230V S240 Xi FP 150W 0.2-0.7A SNLCDAE 230V S240 sX Xi FP 150W 0.3-1.0A SNLCDAE 230V S240 sX Xi FP 40W 0.2-0.7A SNLCDAE 230V S175 sX Xi FP 75W 0.2-0.7A SNLCDAE 230V S240 sX Xi FP 75W 0.3-1.0A SNLCDAE 230V S240 sX Xi FP 75W 0.2-0.7A SNLDAE 230V C133 sXt Xi FP 110W 0.2-0.7A SNLDAE 230V C133 sXt **(40W – max power; 0.2 - 0.7A – operation current)**	max.1,1A

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., luminaires type LumiStreet Pro gen2 Large BGP394 LED400-4S/740 II DM10 D11 P1-7-CP SRG10 32/48S PLS have been tested as the representatives of the all models of luminaires.
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 ☐ No ☒ 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 ..... :	EN 62031	—
	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	
3.4 (2.3)	Degree of protection .....:	IP66	—
3.4 (2.4)	Luminaire suitable for direct mounting on normally flammable surfaces.....:	Yes ☒ No ☐	—
3.4 (2.5)	Luminaire for normal use .....:	Yes ☒ No ☐	—
	Luminaire for rough service .....:	Yes ☐ No ☒	—
3.4 (-)	Modes of installation of road or street lighting		—
	a) on a pipe	Yes ☐ No ☒	—
	b) on a mast arm	Yes ☒ No ☐	—
	c) on a post top	Yes ☒ No ☐	—
	d) on span or suspension wires	Yes ☐ No ☒	—
	e) on a wall	Yes ☐ No ☒	—
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	50/60Hz	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
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

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

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
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		P
3.6 (4.7.2)	Test 8 mm live conductor		P
	Test 8 mm earth conductor		N/A
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

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
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**		**N/A**
3.6 (4.9.1)	Retainment		N/A
	Method of fixing..... :		N/A
3.6 (4.9.2)	Insulated linings and sleeves:		N/A
	Resistant to a temperature > 20 °C to the wire temperature or		N/A
	a) & c) Insulation resistance and electric strength		N/A
	b) Ageing test. Temperature (°C)..... :		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
3.6 (4.10.2)	Assembly gaps:		N/A
	- not coincidental		N/A
	- no straight access with test probe		N/A
3.6 (4.10.3)	Retainment of insulation:		N/A
	- fixed		P
	- unable to be replaced; luminaire inoperative		N/A
	- 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

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
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:		P
	- self-tapping screws	threaded screws	N/A
	- thread-cutting screws		N/A
3.6 (4.11.3)	Screw locking:		
	- spring washer		P
	- 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		P
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 ..... :	Glass cover, LED module – 1,2Nm	P
	Torque test: torque (Nm); part ..... :	Connection block – 0,5Nm	P
	Torque test: torque (Nm); part ..... :	Enclosure cover (Pro version) – 2,0Nm	P
3.6 (4.12.2)	Screws with diameter < 3 mm screwed into metal		N/A
3.6 (4.12.4)	Locked connections:		N/A
	- 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) ..... :	3,25Nm	P
3.6 (4.13)	**Mechanical strength**		**P**
3.6 (4.13.1)	Impact tests:		P
	- fragile parts; energy (Nm)..... :	0,5	P
	- other parts; energy (Nm)..... :	0,7	P
	1) live parts		P
	2) linings		N/A
	3) protection		P
	4) covers		P
3.6 (4.13.2)	Metal parts have adequate mechanical strength		P
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

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
	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:		P
	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
	Mass (kg) ..... :	N/A	—
	Stress in conductors (N/mm²) ..... :		N/A
	Mass (kg) of semi-luminaire ..... :		N/A
	Bending moment (Nm) of semi-luminaire ..... :		N/A
3.6 (4.14.3)	Adjusting devices:		N/A
	- 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

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
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		P
3.6 (4.16.1)	Lamp control gear spacing:		P
	- spacing 35 mm		P
	- spacing 10 mm		N/A
3.6 (4.16.2)	Thermal protection:		P
	- in lamp control gear		N/A
	- external		N/A
	- fixed position		N/A
	- temperature marked lamp control gear		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		N/A
3.6 (4.18.2)	- season cracking in copper		P
3.6 (4.18.3)	- corrosion of aluminium		P
3.6 (4.19)	Ignitors 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 .....:	Risk Group 0 for distances ≥ 3,65 m Risk Group 1 Unlimited	—
	Luminaires with E_{thr} :		N/A

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
	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
	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		
	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**		**N/A**
	Test according Annex V		N/A
	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 (°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

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
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:		P
	Minimum two fixing means		P
3.6 (4.31)	**Insulation between circuits**		**P**
	Circuits insulated from LV supply fulfil requirements according 4.31.1 – 4.31.3		P
	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		P
3.6 (4.31.1)	SELV circuits		N/A
	Used SELV source		N/A
	Voltage ≤ 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		P
	Used FELV source		P
	Voltage ≤ ELV		P
	Insulating of FELV circuits from LV supply		P
	FELV circuits insulated from accessible parts according Table X.1		P
	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		N/A
	Other circuits insulated from accessible parts according Table X.1		N/A

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
	Class II construction with equipotential bonding for protection against indirect contacts with live parts:		N/A
	- 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**		**P**
	Comply with IEC 61643-11		P
	External to controlgear and connected to earth:		P
	- only in fixed luminaires		P
	- only connected to protective earth		P
3.6.1 (-)	At least IP X3 or X5 respectively. IP .....:	IP66	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 (m²) .....:	0,061	P
	- used load (N) .....:	145,09	P
	- measured deformation (cm/m) .....:	0	P
	- no rotation	0	P
3.6.4 (-)	Adjustable lampholders		N/A
3.6.5 (-)	Luminaires installed above 5 m, glass covers shall be:		P
	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		P
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

IEC 60598-2-3			
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	IK09	P
	Test according IEC 62262 with test apparatus according IEC 60068-2-75 with impact energy of 5J on preconditioned sample		P
3.6.5.2.2 (-)	Glass covers not break into large pieces		P
	- test according 3.6.5.1, number of particles is more than 20 .....:	65	P
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:		N/A
	- 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:		N/A
	- 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 ☒ Category III ☐	—
	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:		N/A
	- 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:		N/A
	- 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

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
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		P
	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		N/A
	Double-ended high-pressure discharge lamp		N/A
	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:		P
	- basic insulated metal parts not accessible during starter or lamp replacement		P
	- basic insulation not accessible other than during starter or lamp replacement		N/A
	- 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:		N/A
	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

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
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 μF not exceed 50 V 1 min after disconnection		N/A
	Portable luminaire with capacitor > 0,1 μF (0.25) not exceed 34 V 1 s after disconnection		N/A
	Other luminaires with capacitor > 0,1 μF (0.25) with plug and track adaptors not exceed 60 V 5 s after disconnection		N/A
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 ..... :	Normal, down-lighting	—
	b) test temperature (°C) ..... :	60	—
	c) total duration (h) ..... :	240	—
	d) supply voltage (V) ..... :	264	—
	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:		P
	- 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):**		**N/A**
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

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
	- 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	—
	- 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):**		**N/A**
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:		N/A
	- 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:		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 (12.7.1.2)	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

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
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
	- 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 ☐ No ☐	—
	- manual reset cut-out ..... :	Yes ☐ No ☐	—
	- auto reset cut-out ..... :	Yes ☐ No ☐	—
	- 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		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 ..... :	12mm	—
	Insulation resistance (MΩ) ..... :	>10MΩ	—
	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 ..... :		
	Other than SELV		P
	- between live parts of different polarity ..... :	>10MΩ	P
	- between live parts and mounting surface ..... :	>10MΩ	P
	- between live parts and metal parts ..... :	>10MΩ	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 ..... :	>10MΩ	P
	- Insulation bushings as described in Section 5 ..... :		N/A

IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict
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
	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).:	0,39	P

IEC 60598-2-3			
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	6,7	220V – 2,64mm 240V – 2,88mm	11.1	6,7	220V – 4,4mm 240V – 4,8mm	11.1
Working voltage (V).....:					220-240		—
PTI.....:					< 600 ☒	≥ 600 ☐	—
Pulse voltage or U_P if applicable (kV) .....:					N/A		—
Supplementary information: input terminal of control gear, supply, connectors							
Distance 2:	R	12,1	>3,4mm	11.1	14,4	>5,66mm	11.1
Working voltage (V).....:					283Vdc		—
PTI.....:					< 600 ☒	≥ 600 ☐	—
Pulse voltage or U_P if applicable (kV) .....:					N/A		—
Supplementary information: output of control gear							
Distance 3:							
Working voltage (V).....:							—
PTI.....:					< 600 ☐	≥ 600 ☐	—
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.

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

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 ☐ ≥ 600 ☐			—
Peak value of the working voltage $\hat{U}_{out}$ if applicable (kV) .....:								—
Supplementary information:								
Distance 2:								
Working voltage (V).....:								—
Frequency if applicable (kHz).....:								—
PTI.....:					< 600 ☐ ≥ 600 ☐			—
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 ☐ ≥ 600 ☐			—
Peak value of the working voltage $\hat{U}_{out}$ if applicable (kV) .....:								—
Supplementary information:								

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

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

ANNEX 1	TABLE: Critical components information					P
Object / part No.	**Code**	**Manufacturer/ trademark**	**Type/Model**	**Technical data**	**Standard**	**Marks of conformity**
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi FP 22W 0.3-1.0A SNLDAE S175 230V sXt	220-240V 50...60 Hz, 0.3-1.0A Tc=85 °	EN 61347-1, EN 61347-2-13	ENEC 05
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi FP 40W 0.2-0.7A SNLADE 230V S175 sXt	220-240VAC, 0,21A, 50/60Hz	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi FP 75W 0.2-0.7A SNLDAE 230V S240 sXt	220-240V 50...60 Hz, 0.2-0.7A Tc=85 °	EN 61347-1, EN 61347-2-13	ENEC 05
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi FP 110W 0.2-0.7A SNLDAE 230V C133 sXt	220-240V 50...60 Hz, 0.2-0.7A Tc=85 °	EN 61347-1, EN 61347-2-13	ENEC 05
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi FP 150W 0.2-0.7A SNLDAE 230V S240 sXt	220-240V 50...60 Hz, 0.2-0.7A Tc=90 °	EN 61347-1, EN 61347-2-13	ENEC 05
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi FP 40W 0.2-0.7A SNLCDAE 230V S175 sXt	220-240V 50...60 Hz, 0.2-0.7A, Tc=85°	EN 61347-1 EN 61347-2-13	ENEC 05
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi FP 75W 0.2-0.7A SNLCDAE 230V S240 sXt	220-240V, 50...60 Hz, 0.2-0.7A, Tc=85°C	EN 61347-1 EN 61347-2-13	ENEC 05
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi FP 110W 0.2-0.7A SNLCDAE 230V C133 sXt	220-240V, 50...60 Hz, 0.2-0.7A, Tc=85°C	EN 61347-1 EN 61347-2-13	ENEC 05
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi FP 150W 0.2-0.7A SNLCDAE 230V S240 sXt	220-240V, 50...60 Hz, 0.2-0.7A, Tc=85°C	EN 61347-1 EN 61347-2-13	ENEC 05
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi SR 22W 0.2-0.7A SNEMP 230V C133	220-240V 50...60 Hz, 0.2-0.7A Tc=85°	EN 61347-1 EN 61347-2-13	ENEC 05
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi SR 40W 0.2-0.7A SNEMP 230V C133	220-240VAC; 0,2-0,7A; 50/60Hz	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi SR 75W 0.2-0.7A SNEMP 230V S240	220-240V 50...60 Hz, 0.2-0.7A Tc=90 °	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi SR 110W 0.2-0.7A SNEMP 230V C150 sXt	220-240V 50...60 Hz, 0.2-0.7A Tc=90 °	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi SR 150W 0.2-0.7A SNEMP 230V S240	220-240V 50...60 Hz, 0.2-0.7A Tc=90 °	EN 61347-1, EN 61347-2-13	ENEC05
GPRS antenna	A	Philips	LLC7270 CityTouch OLC COM SR DG	15-24V, DC, Ta: -40...+60°C	EN61347	ENEC05
GPRS antenna	A	Philips	LLC7271 CityTouch OLC COM SR LG	15-24V, DC, Ta: -40...+60°C	EN61347	ENEC05
GPRS antenna	A	Philips	LLC7280 CityTouch Nema SR	15-24V, DC, swithing 100 480VAC; Ta: -40...+70°C	EN61347	ENEC05
RF Antenna	A	PHILIPS	LLC7305/00 STARSENSE WIRELESS LS EU	220-240V,50-60Hz, -30..+65°C,Tc80°C	EN61347-2-11	ENEC05
Photocell	B	Zodion	F6365-0001 Photocell Zodion	16V DC, IP66, Ta -20°C/ +80°C	EN 61347-2-11 EN 61347-1	Tested and accepted by ITE PREDOM DIVISION report no. Z7-2/020/B/20
Photocell	B	Zodion	SS12C 35lux	-20°C, +75°C, 198 - 264 V	EN 61347-2-11	EUROFINS
Photocell	B	Zodion	SS12C 55lux	-20°C, +75°C, 198 - 264 V	EN 61347-2-11	EUROFINS
Photocell	B	Zodion	SS12C 70lux	-20°C, +75°C, 198 - 264 V	EN 61347-2-11	EUROFINS
Wattstopper	A	LEGRAND	FDP-301SR-L7-TG	16mA, 12-20VDC, ta 75°C, tc 80°C	EN 61347-1 EN 61347-2-11 EN 62493:2015	ENEC 08
Wattstopper	A	LEGRAND	FDP-301SR-L7-TG	DALI, 1-10V, 24VDC, -40 to 70°C	EN 61347-1 EN 61347-2-11 EN 62493:2015	ENEC 08
Connector	B	Tyco electronics	Nema socket 7 PIN Class II 2213899-4	Max15A, max 480V	EN 61984:2009	UL
Connector	A	Tyco electronics	2213858 - 1 SR connector	1.5A, 30V (typical 24V)	IEC60598	ENEC05
Connector	B	Electro Terminal	Connector 500/5 SKII	0,5-2,5mm2, 16A/500V, T 85 °C	EN60998-2-1	VDE
Connector	B	Electro Terminal	K-CON WW 5P M H SMT 88168353	0,5-2,5mm2, 24A/300V, T 85 °C	EN60598-1	ÖVE
Connector	B	Electro Terminal	CON WW 5P H PI 88167916	0,5-2,5mm2, 24A/300V, T 85 °C	EN60598-1	ÖVE
Connector	B	O.M.T.	CON CS 3P F 0000013150	16A/400V, T 120 °C	EN 60598-1	CSV
Connector	B	O.M.T.	CON CS 3P M 0000013113	16A/400V, T 120 °C	EN 60598-1	CSV
Connector	B	Tyco electronics	CON WW 3P F 2834055-1	- 40°C to 105°C, 3A - 9A, 600V	EN 60598-1	TÜV
Connector	B	Tyco electronics	CON WW 3P M 2834054-1	- 40°C to 105°C, 3A - 9A, 600V	EN 60598-1	TÜV

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

ANNEX 1	TABLE: Critical components information	P

Object / part No.	Code	Manufacturer/ trademark	Type/Model	Technical data	Standard	Marks of conformity
Connector	B	Tyco electronics	CON WW 2P F 1-2834049-1	- 40°C to 105°C, 3A - 9A, 600V	EN 60598-1	TÜV
Connector	B	Tyco electronics	CON WW 2P M 2834048-1	- 40°C to 105°C, 3A - 9A, 600V	EN 60598-1	TÜV
Connector	B	Tyco electronics	MATE-N-LOK Conntact-M 350699-1	0,2 – 0,8 mm2, 5,5A	IEC 60512	UL
Connector	B	Tyco electronics	MATE-N-LOK Conntact-F 350851-1	0,2 – 0,8 mm2, 5,5A	IEC 60512	UL
Connector	B	Tyco electronics	CS4PL-1-480702-0	600V, 120°C	IEC 60512	UL
Connector	B	Tyco electronics	CS4SO 1-480703-0	600V, 120°C	IEC 60512	UL
Connector	A	Colosio	M140MN/xx,	250 - 450V, IP68	EN 60998-1, EN60998-2-1, EN60529-1, EN60335	ENEC 03
Terminal block	B	BJB	46.411.7000.50	0,5-1mm2, 16A/450V	EN 60998-1, EN 60998-2-2	EAC CQC
SURGE PROTECTIVE DEVICE	B	CPT CIRPROTEC	NSS-10/230-D-LCF-P	Imax 10kA, In 5kA, Un 230V (50/60Hz), Ta= -40°C to 80°C	EN 61643-11	CB
Surge Protective Device	A	CPT CIRPROTEC	SPD NSS-10/230-C2-WD	Imax 10kA In 5Ka, Un 230V (50/60Hz), Uoc 10kV Uc(L1-L2/PE) 420V Uc(L1-L2) 320V Ta: -40°C to 80°C	EN 61643-11	CB
Fuse	B	ADELS	TB1SI OF FU-175201	250V 6,3A 1,6W	EN 60127-6, EN 60127-1	VDE
Wire	B	OMERIN	R6Y6YS	0,75mm2, 300/500V	DIN57250-106	VDE
Cable for mains	B	PECSO CAVI SRL	H05VV-F 5G1,5/3G1,5	1,5mm2, 300/500V	EN 50525-2-11	VDE
Cable for mains	B	PECSO CAVI SRL	H05VV-F 5G2,5/3G2,5	2,5mm2, 300/500V	EN 50525-2-11	VDE
Cable for mains	B	PECSO CAVI SRL	H05RR-F 5G1,5/3G1,5	1,5mm2, 300/500V	EN 50525-2-21, IEC 60245-4	VDE
Cable for mains	B	nkt	H05VV-F 5G1,5/3G1,5	1,5mm2, 300/500V	EN 50525-2-11	EZU
Cable for mains	B	nkt	H05VV-F 5G2,5/3G2,5	2,5mm2, 300/500V	EN 50525-2-11	EZU
Cable for mains	B	nkt	H05VV-U 5G1,5/3G1,5	1,5mm2, 300/500V	DIN VDE 0250-204	VDE
Cable for mains	B	XBK	H05VV-U 5G1,5/3G1,5	1,5mm2, 300/500V	DIN VDE 0250-204	VDE
Cable for mains	A	Nexans	H07RN-F 5G1/3G1	1mm2, 450/750V	EN 50525-2-21	HAR
Cable for mains	A	Nexans	H07RN-F 5G1,5/3G1,5	1,5mm2, 450/750V	EN 50525-2-21	HAR
Cable for mains	A	Nexans	H07RN-F 5G2,5/3G2,5	2,5mm2, 450/750V	EN 50525-2-21	HAR
Cable for mains	A	La Triventa Cavi SPA	H07RN-F 5G1/3G1	1mm2, 450/750V	IEC 60245-4 EN 50525-2-21	HAR
Cable for mains	A	La Triventa Cavi SPA	H07RN-F 5G1,5/3G1,5	1,5mm2, 450/750V	IEC 60245-4	HAR
Cable for mains	A	La Triventa Cavi SPA	H07RN-F 5G2,5/3G2,5	2,5mm2, 450/750V	IEC 60245-4	HAR
Cable for mains	B	HELUKABEL	H07RN-F 5G1,5/3G1,5	1,5mm2, 450/750V	IEC 60245-3	VDE
Cable for mains	A	General Cavi SPA	H07BQ-F 5G1,5/3G1,5	1,5mm2, 450/750V	EN 50525-2-21	HAR
Cable for mains	B	Elpar	H07RN-F 5G1/3G1	1mm2, 450/750V	EN 60228	VDE
Cable for mains	B	Elpar	H07RN-F 5G1,5/3G1,5	1,5mm2, 450/750V	EN 60228	VDE
Cable for mains	B	Elpar	H07RN-F 5G2,5/3G2,5	2,5mm2, 450/750V	EN 60228	VDE
Cable for mains	B	Elpar	H05VV-F 5G1,5/3G1,5	1,5mm2, 300/500V	EN 50525-2-11	VDE
Cable for mains	B	Elpar	H05VV-F 5G2,5/3G2,5	2,5mm2, 300/500V	EN 50525-2-11 IEC 60227-5	VDE
Cable for mains	B	Elpar	H07RN-F 3G2,5	2,5mm2, 450/750V	EN 60228	VDE

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

ANNEX 1	TABLE: Critical components information					P
Object / part No.	**Code**	**Manufacturer/ trademark**	**Type/Model**	**Technical data**	**Standard**	**Marks of conformity**
Cable for mains	A	ElettroBrescia	H07RN-F 5G1/3G1	1mm2, 450/750V	EN 50525-2-21	HAR
Cable for mains	A	ElettroBrescia	H07RN-F 5G1,5/3G1,5	1,5mm2, 450/750V	EN 50525-2-21	HAR
Cable for mains	A	ElettroBrescia	H07RN-F 5G2,5/3G2,5	2,5mm2, 450/750V	EN 50525-2-21	HAR
Cable for mains	A	ElettroBrescia	H05VV-F 5G1,5/3G1,5	1,5mm2, 300/500V	EN 50525-2-11	HAR
Cable for mains	B	ElettroBrescia	H05VV-F 5G2,5/3G2,5	2,5mm2, 300/500V	EN 50525-2-11	VDE
Cable for mains	B	ElettroBrescia	H05RR-F 5G1,5/3G1,5	1,5mm2, 300/500V	EN 50525-2-21	VDE
Cable for mains	B	CMK Cablo	H05VV-FP 5G1,5/3G1,5	1,5mm2, 300/500V	BS6004	BASEC
Cable for mains	B	CMK Cablo	H05VV-FP 3G2,5	2,5mm2, 300/500V	BS6004	BASEC
Cable for mains	B	Draka	XVB-F2-Cca 3G1,5/4G1,5	1,5mm2, 0,6/1 kV Cca-s3,d2,a3	HD 604 EN 50575 EN 13501-6	DEKRA
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 006 OS3H1-18 740	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 006 OS3H2-17 830	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 006 OS3H2-17 757	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 010 OS3H1-18 740	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 010 OS3H1-18 757	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 020 OS3H1-18 740	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 020 OS3H1-18 757	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 020 OS3H1-18 610	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 030 OS3H1-18 740	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MICRO 030 OS3H1-18 757	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MINI 040 OS3H1-18 740	0.7A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MINI 040 OS3H1-18 757	0.7A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ1.0 MINI 040 OS3H1-18 610	0.7A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCB LUMA MICRO 10 OSLONG3 WW	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCB LUMA MICRO 20 OSLONG3 WW	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCB LUMA MINI 30 OSLONG3 WW	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCB LUMA MINI 40 OSLONG3 WW	1.0A, Tc65	EN 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 06 O119H1 740 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 06 O118H1 830 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 06 O119H1 757 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 10 O119H1 740 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 10 O118H1 830 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 10 O119H1 757 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 20 O119H1 740 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 20 O118H1 830 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 20 O119H1 757 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 30 O119H1 740 1.0	1.0A Tc85	IEC 62031	LCIE

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

ANNEX 1	TABLE: Critical components information					P
Object / part No.	**Code**	**Manufacturer/ trademark**	**Type/Model**	**Technical data**	**Standard**	**Marks of conformity**
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 30 O118H1 830 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 30 O119H1 757 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 40 O119H1 740 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 40 O118H1 830 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 40 O119H1 757 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 20 O118H1 610 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 40 O118H1 610 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 06 O219H1 722 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 06 O219H1 727 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 06 HP18H1 730 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 10 O219H1 722 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 10 O219H1 727 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 10 HP18H1 730 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 20 O219H1 722 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 20 O219H1 727 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MICRO 20 HP18H1 730 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 30 O219H1 722 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 30 O219H1 727 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 30 HP18H1 730 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 40 O219H1 722 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 40 O219H1 727 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/ Opulent	PCBA LDGOSQ2.0 MINI 40 O119H1 730 1.0	1.0A Tc85	IEC 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 06 O220H2 740 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 10 O220H2 740 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 20 O220H2 740 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 30 O220H2 740 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 40 O220H2 740 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 06 O220H2 830 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 10 O220H2 830 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 20 O220H2 830 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 30 O220H2 830 1.0	1.0A Tc85	EN 62031	LCIE

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

ANNEX 1	TABLE: Critical components information					P
Object / part No.	**Code**	**Manufacturer/ trademark**	**Type/Model**	**Technical data**	**Standard**	**Marks of conformity**
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 40 O220H2 830 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 06 O220H2 757 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 10 O220H2 757 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 20 O220H2 757 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 30 O220H2 757 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 40 O220H2 757 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 06 O220H2 730 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 10 O220H2 730 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MICRO 20 O220H2 730 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 30 O220H2 730 1.0	1.0A Tc85	EN 62031	LCIE
PCB LED	B	PHILIPS/Opulent	PCBA LDGOSQ2.0 MINI 40 O220H2 730 1.0	1.0A Tc85	EN 62031	LCIE
Electronic led driver	A	Philips	Xi FP 150W 0.2-0.7A SNLCDAE 230V S240 sX	220-240V 50...60 Hz 0.2-0.7A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi FP 150W 0.3-1.0A SNLCDAE 230V S240 sX	220-240V 50...60 Hz 0.3-1,0A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi FP 40W 0.2-0.7A SNLCDAE 230V S175 sX	220-240V 50...60 Hz 0.2-0.7A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi FP 75W 0.2-0.7A SNLCDAE 230V S240 sX	220-240V 50...60 Hz 0.2-0.7A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi FP 75W 0.3-1.0A SNLCDAE 230V S240 sX	220-240V 50...60 Hz 0.3-1,0A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi FP 75W 0.2-0.7A SNLDAE 230V C133 sXt	220-240V 50...60 Hz 0.2-0.7A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC05
Electronic led driver	A	Philips	Xi FP 110W 0.2-0.7A SNLDAE 230V C133 sXt	220-240V 50...60 Hz 0.2-0.7A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC05
LineSwitch DALI	A	Lunatone	LINESWITCH DALI MC4L, DALI MC1L	Rin=150kΩ, @Vio=500VDC, -20°C to +75°C	EN 61347-1, IEC 62386-103	ENEC11
Easy Air	B	PHILIPS	SNO110	24VDC, 11-16mA, T = -30°C/ 80°C, 260mW	EN 61347-1 EN 61347-2-11	ENEC05
Bleeder Resistor	A	Plati	VRW68	10MOhm, 10kV, insulation 700V, 165°C	IEC 60065	VDE

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 ..... :	LumiStreet Pro gen2 Large BGP394 LED400-4S/740 II DM10 D11 P1-7-CP SRG10 32/48S PLS	—
	Lamp used ..... :	4 x PCB LED PCBA LDGOSQ2.0 MINI 40 O220H2 740 1.0	—
	Lamp control gear used ..... :	2 x Xi SR 150W 0.2-0.7A SNEMP 230V s240 sXt	—
	Mounting position of luminaire ..... :	Normal, down-lighting	—
	Supply wattage (W)..... :	249,4	—
	Supply current (A) ..... :	1,107	—
	Temperatures in test 1 - 4 below are corrected for ta (°C) ..... :	50	—
	- 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 ..... :	254,4V, 50Hz	—
	- 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
Driver 1	50,0	N/A	84,5	N/A	90,0	N/A	N/A
Driver 1	50,0	N/A	82,3	N/A	90,0	N/A	N/A
Led module	50,0	N/A	75,5	N/A	85,0	N/A	N/A
Internal wiring	50,0	N/A	61,2	N/A	90,0	N/A	N/A
Connector SK II (1)	50,0	N/A	59,2	N/A	85,0	N/A	N/A
Connector SK II (2)	50,0	N/A	58,7	N/A	85,0	N/A	N/A
Surge Protective Device CPT 1	50,0	N/A	63,5	N/A	80,0	N/A	N/A
Surge Protective Device CPT 2	50,0	N/A	64,1	N/A	80,0	N/A	N/A
LineSwitch DALI MC1L	50,0	N/A	62,7	N/A	75,0	N/A	N/A
Mounting surface	50,0	N/A	50,0	N/A	80,0	N/A	N/A

Supplementary information: The luminaire has been tested on 50 and 60 Hz. The table choose the worst case.

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

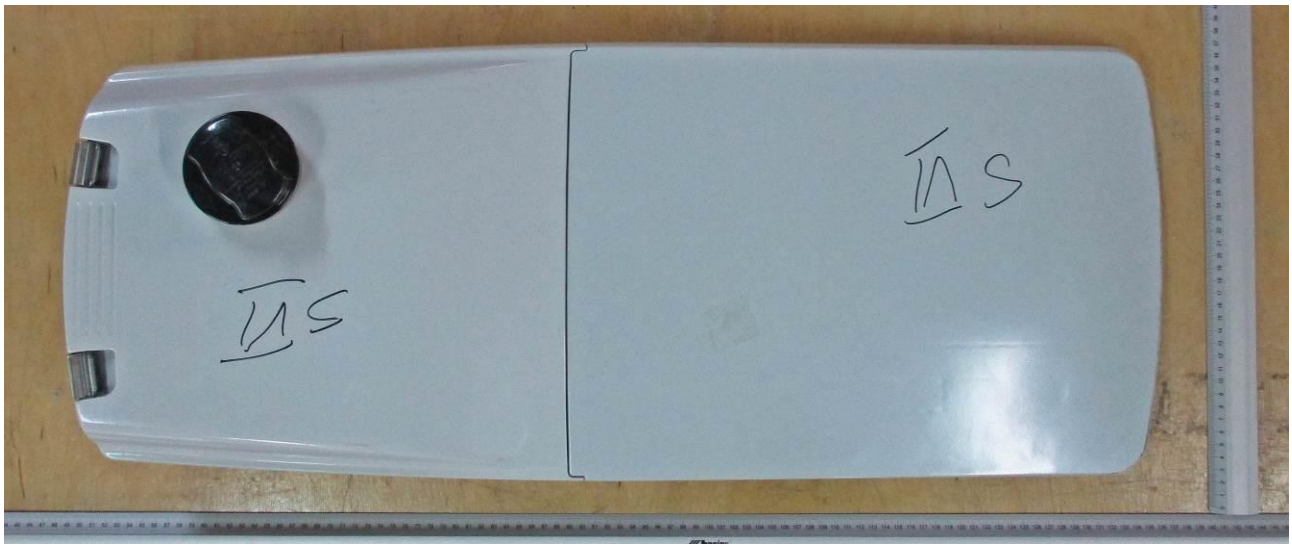
List of test equipment used: N/A

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.

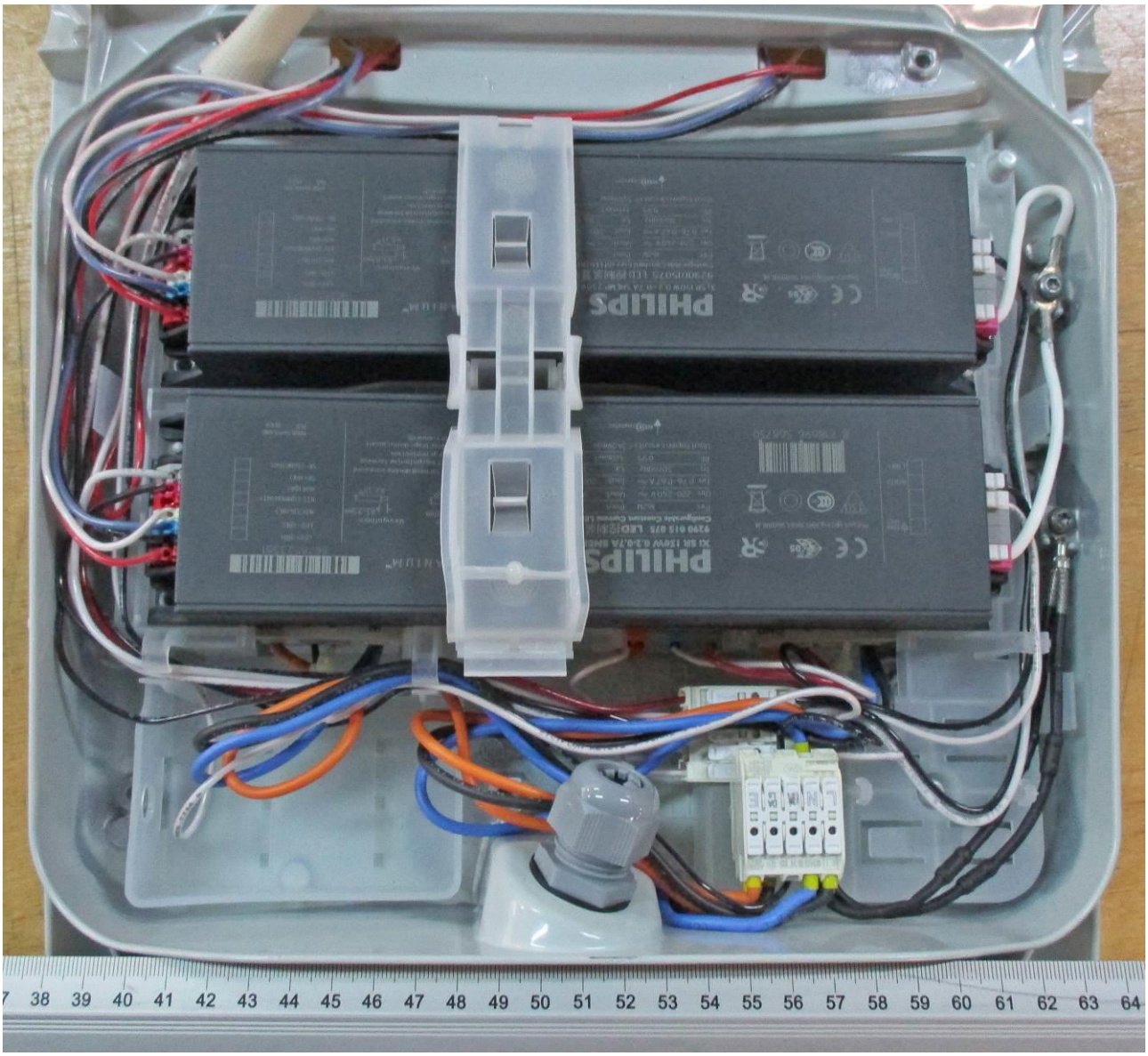
Clause	Measurement / testing	Testing / measuring equipment / material used, (Equipment ID)	Range used	Last Calibration date	Calibration due date

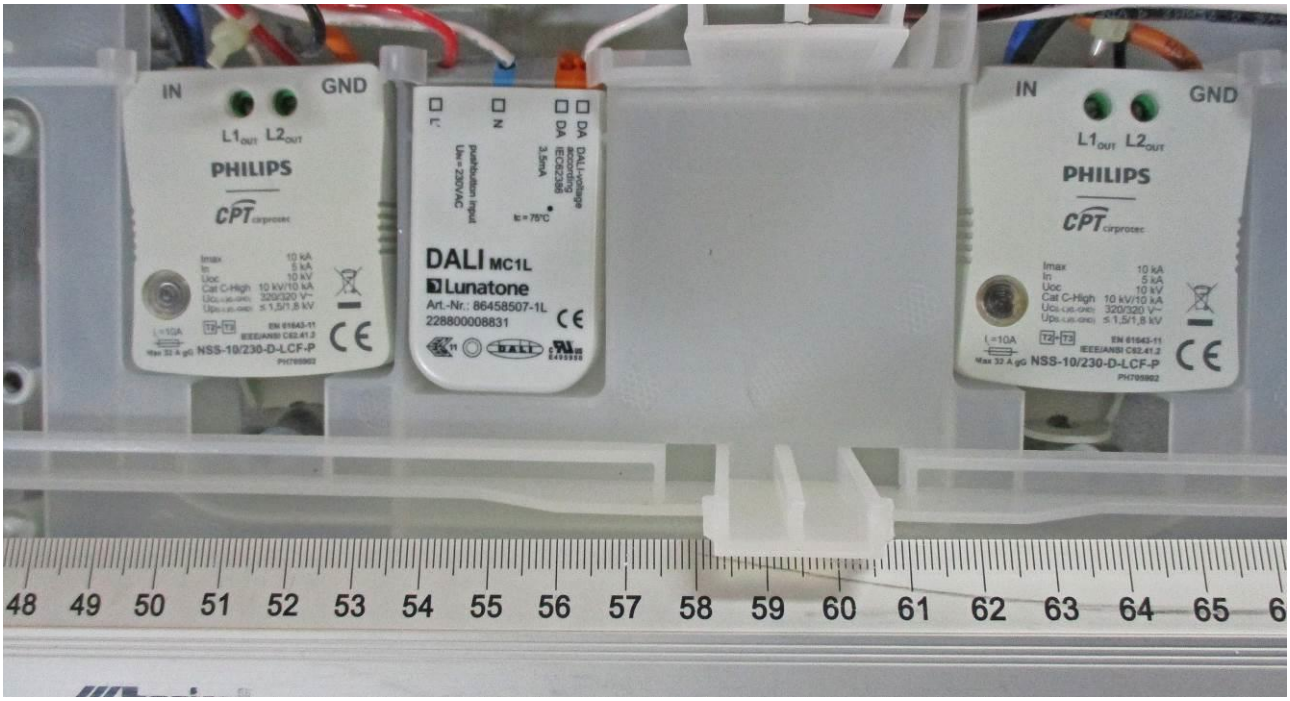
IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict

Photos

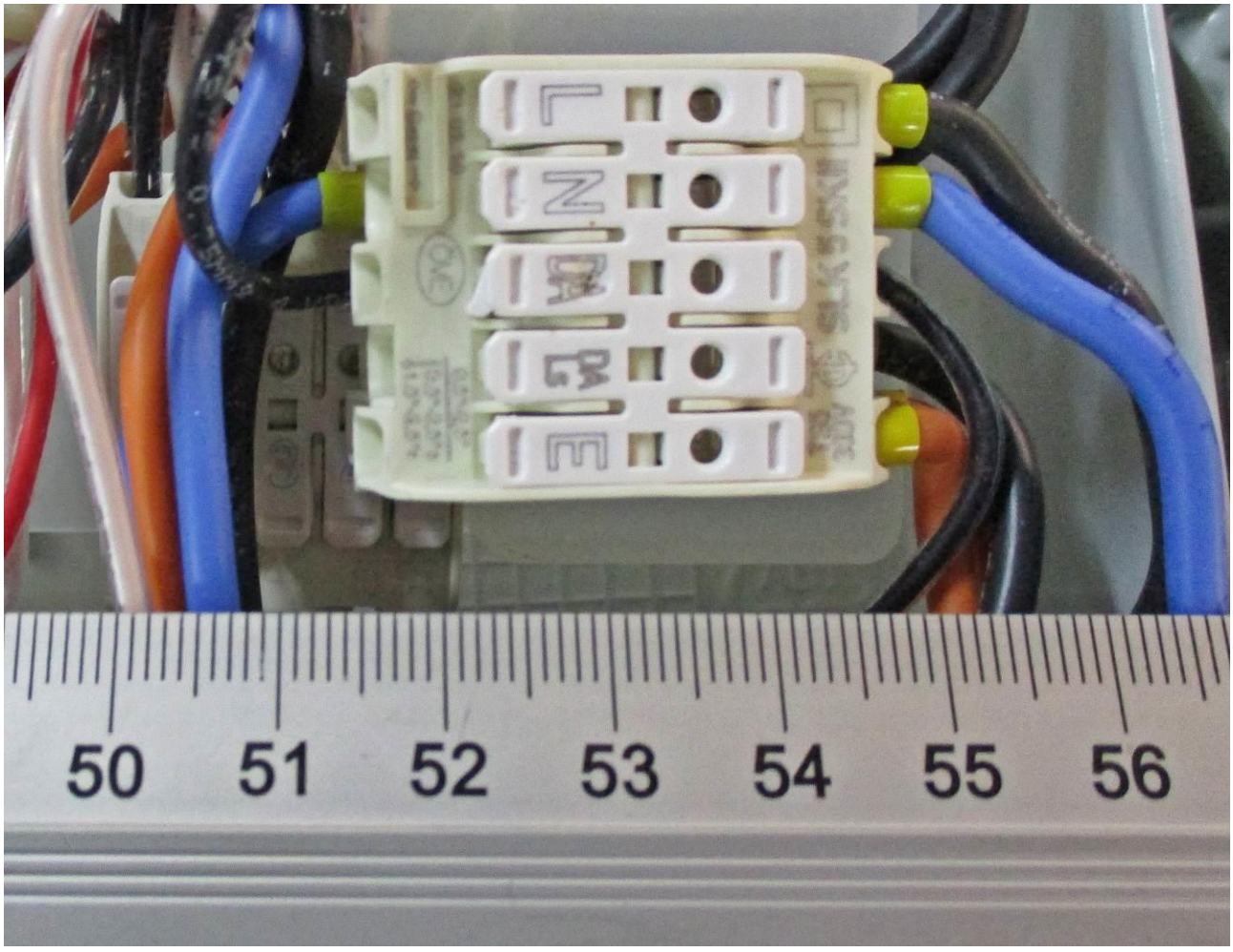


IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict

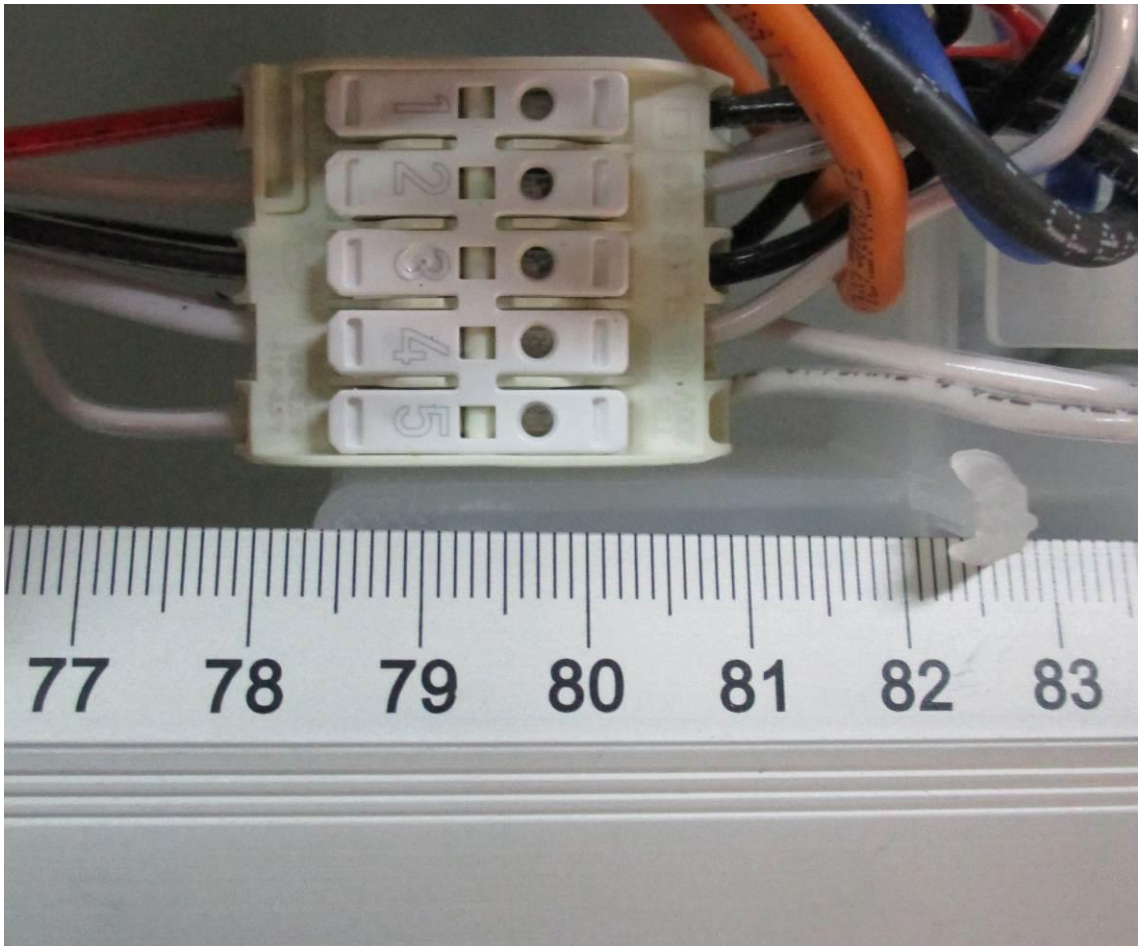


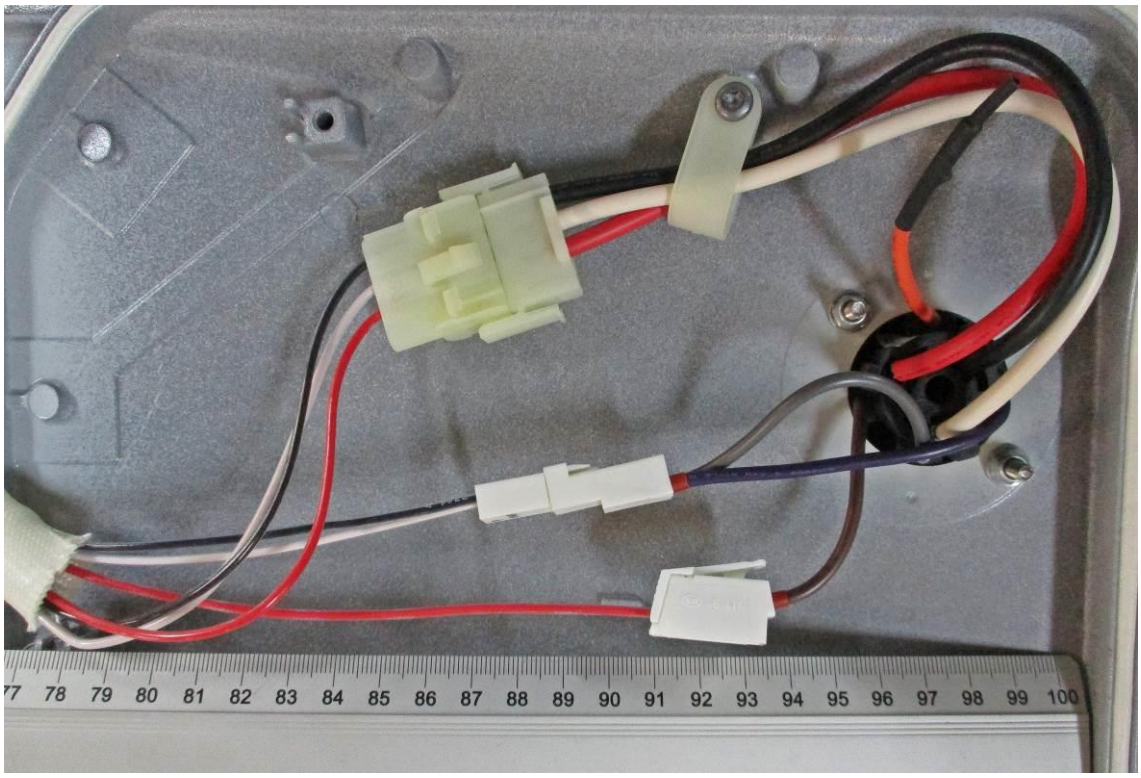


IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict

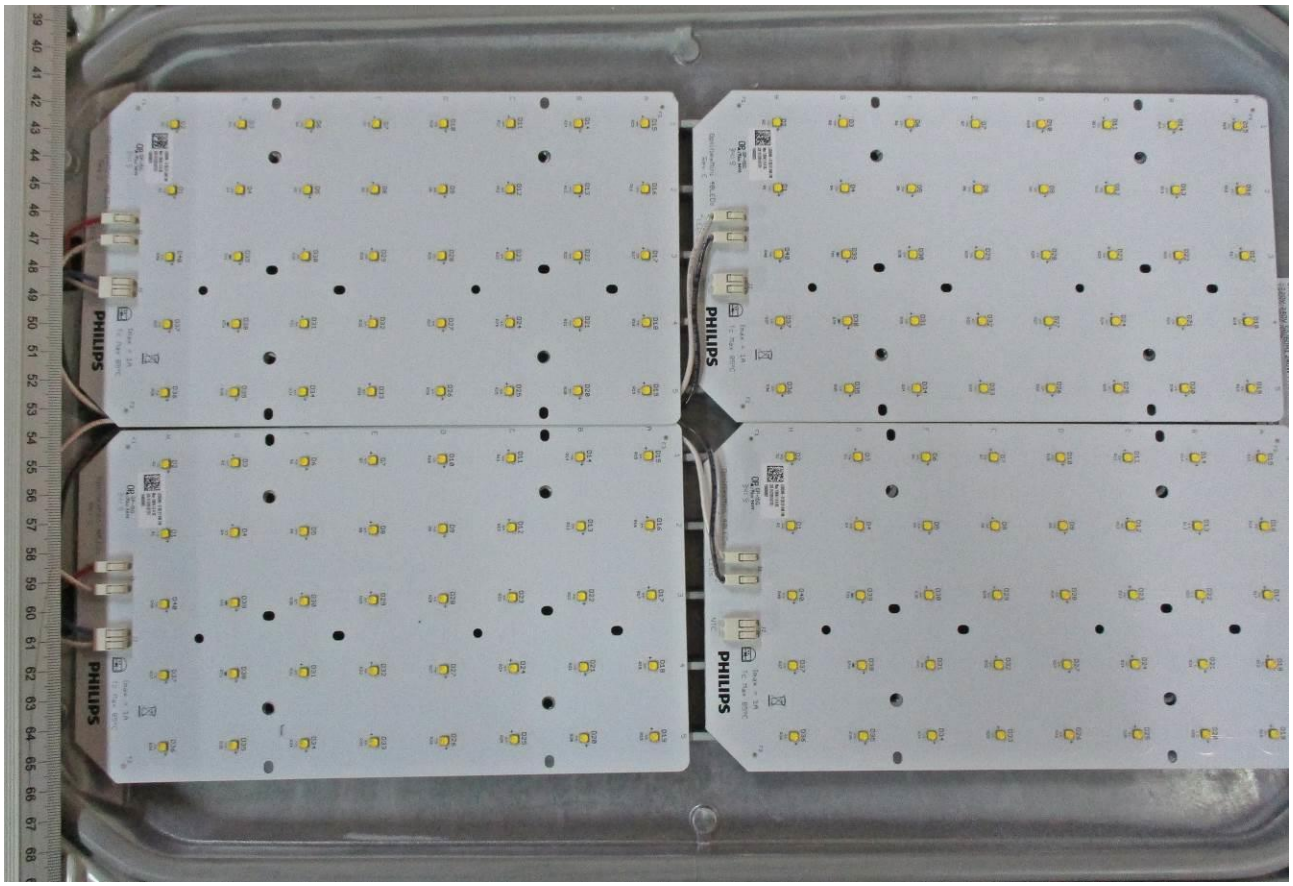


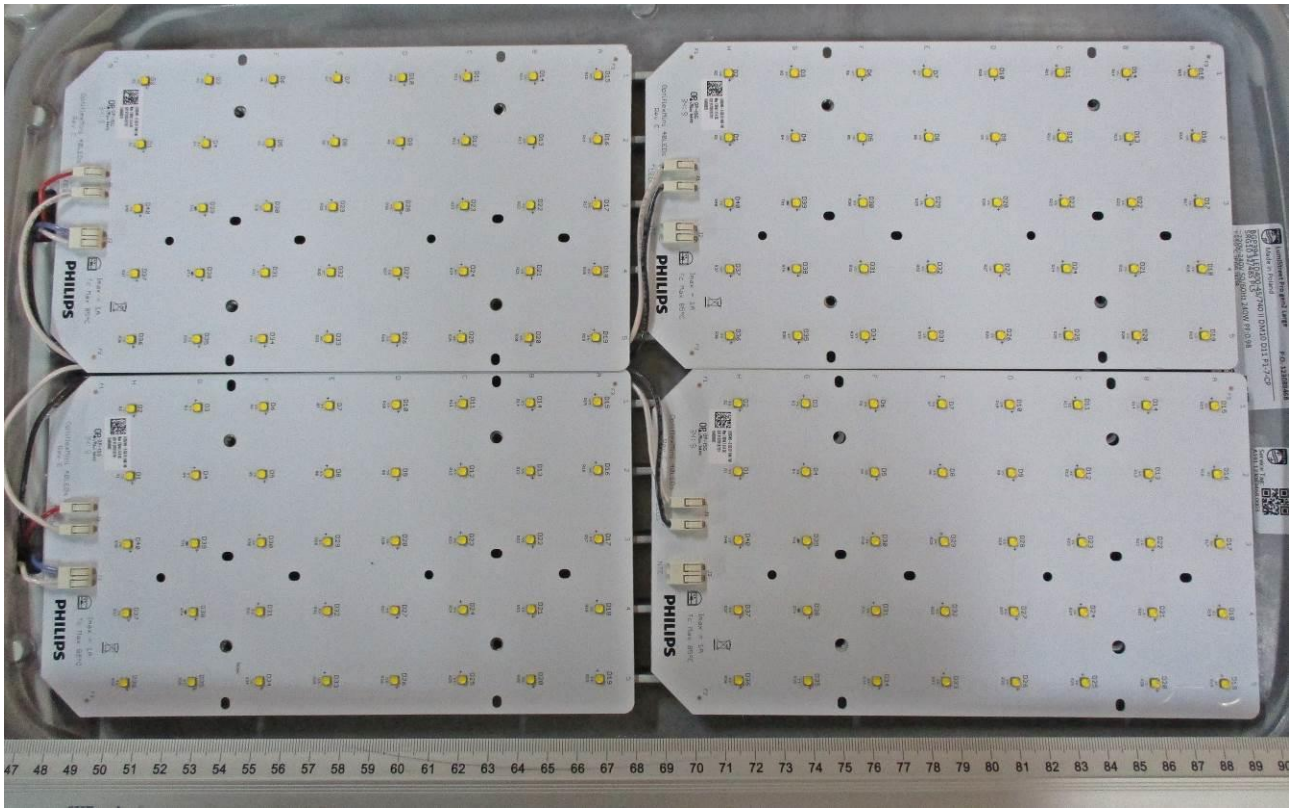
IEC 60598-2-3			
Clause	Requirement + Test	Result - Remark	Verdict





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





IEC60598_2_3L ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict
ATTACHMENT No. 1 TO TEST REPORT BS-3/061/B/19/M2 **IEC 60598-2-3** **EUROPEAN GROUP DIFFERENCES AND NATIONAL DIFFERENCES** Luminaires Part 2: Particular requirements Section 3: Luminaires for road and street lighting			
Differences according to..... EN 60598-2-3:2003, AMD1:2011 used in conjunction with EN 60598-1:2015, AMD1:2018			
Annex Form No..... EU_GD_IEC60598_2_3L **Annex Form Originator .....** Intertek Semko AB **Master Annex Form .....** 2018-12-07			
	CENELEC COMMON MODIFICATIONS (EN)		P
3.6 (4)	**CONSTRUCTION**		**P**
3.6 (4.11.6)	Electro-mechanical contact systems		P
3.10 (5)	**EXTERNAL AND INTERNAL WIRING**		**P**
3.10 (5.2.2)	Cables equal to EN 50525		P
	Replace table 5.1 – Supply cord		P
3.12 (12)	**ENDURANCE TESTS AND THERMAL TESTS**		**P**
3.12 (12.4.2c)	Thermal test (normal operation) see footnote c to table 12.2 relating to unsleeved fixed wiring		P
ZB	**ANNEX ZB, SPECIAL NATIONAL CONDITIONS (EN)**		**N/A**
(3.3)	DK: power supply cords of class I luminaires with label		N/A
(4.5.1)	DK: socket-outlets		N/A
(5.2.1)	CY, DK, FI, GB: type of plug		N/A
ZC	**ANNEX ZC, NATIONAL DEVIATIONS (EN)**		**N/A**
(4 & 5)	FR: Shuttered socket-outlets 10/16A		N/A
	FR: Safety requirements for high buildings *(Decree of 30 December 2011 on safety regulations for the construction of high-rise buildings and their protection against fire and panic risks; Section VIII; Article GH 48, Lighting)* Glow-wire test for outer parts of luminaires:		N/A
	- 850°C for luminaires in stairways and horizontal travel paths		N/A
	- 650°C for indoor luminaires		N/A
	GB: Requirements according to United Kingdom Building Regulation		N/A