






**TEST REPORT**  
**ENEC+ Scheme**  
**PD EPRS 003**  
**Luminaire Performance – LED Luminaires**

<b>Report Number</b> ..... :	<b>BS-3/050/B/2/19/M2</b>
<b>Date of issue</b> .....	Original Report Reference No. BS-3/050/B/1/19: 27.06.2019 Amendment No. 1 Report Reference No. BS-3/050/B/1/19/M1 + Appendixes No.1, No.2, No.3, No.4, No.5, No.6, No.7, No.8, No.9, No.10, No.11, No.12 – Lists of the luminaires - on CD: 21.04.2020 Amendment No. 2 Report Reference No. BS-3/050/B/1/19/M2 + Appendixes No.1, No.2, No.3, No.4, No.5, No.6, No.7, No.8, No.9, No.10, No.11, No.12 – Lists of the luminaires - on CD: 23.10.2020
<b>Total number of pages</b> .....	Original Report Reference No. BS-3/050/B/1/19: 110 pages Amendment No. 1 Report Reference No. BS-3/050/B/1/19/M1 + Appendixes No.1, No.2, No.3, No.4, No.5, No.6, No.7, No.8, No.9, No.10, No.11, No.12 – Lists of the luminaires - on CD: 29 pages Amendment No. 2 Report Reference No. BS-3/050/B/1/19/M2 + Appendixes No.1, No.2, No.3, No.4, No.5, No.6, No.7, No.8, No.9, No.10, No.11, No.12 – Lists of the luminaires - on CD: 28 pages
<b>Name of Testing Laboratory preparing the Report</b> .....	Łukasiewicz - IMiF PREDOM Division 02-255 Warszawa, ul. Krakowiaków 53, Poland
<b>Applicant's name</b> .....	Signify Poland Sp. z o.o.
<b>Address</b> .....	O/Kętrzyn ul. Chrobrego 8, 11-400 Kętrzyn, Poland
<b>Test specification:</b>	
<b>Standard</b> .....	PD EPRS 003:2018-05 (based on EN 62722-2-1:2016)
<b>Test procedure</b> .....	<input checked="" type="checkbox"/> ENEC+ <input type="checkbox"/> Other: _____
<b>Non-standard test method</b> .....	N/A
<b>Test Report Form No.</b> .....	EPRS_003b
<b>Test Report Form(s) Originator</b> ....	DEKRA Certification B.V.
<b>Master TRF</b> .....	Dated 2018-11
<b>Copyright © 2018 ETICS, Brussels, Belgium. All rights reserved.</b> This publication may be reproduced in whole or in part for non-commercial purposes as long as the ETICS is acknowledged as copyright owner and source of the material. ETICS takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context. If this Test Report Form is used by non-ETICS members, the ECS logo and the reference to the ENEC+ Scheme procedure shall be removed.	
<b>General disclaimer:</b> 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 ECS Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.	

<b>Test item description .....</b>	Luminaires for road and street lighting	
<b>Trade Mark .....</b>	Philips	
<b>Manufacturer .....</b>	Signify Poland Sp. z o.o., O/Kętrzyn 11-400 Kętrzyn, ul. Chrobrego 8, Poland	
<b>Model/Type reference .....</b>	UniStreet gen2 BGP281 / BGP282 / BGP283 / BGP284; LumiStreet gen2 BGP291 / BGP292 / BGP293 / BGP294; LumiStreet Pro gen2 BGP391 / BGP392 / BGP393 / BGP394...II... - series	
<b>Ratings .....</b>	220-240V, 50/60 Hz, IP66, cl.II	
<b>ENEC Licence Number (Safety) .....</b>	0207/ENEC/19/M2 dated 22.09.2020	
<b>Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):</b>		
<input checked="" type="checkbox"/>	<b>ECS Testing Laboratory:</b>	Łukasiewicz - IMiF PREDOM Division
	<b>Testing location/ address .....</b>	02-255 Warszawa, ul. Krakowiaków 53, Poland
	<b>Tested by (name, function, signature) .....</b>	K. Lisowski 
	<b>Approved by (name, function, signature) ..</b>	T. Małyska 
	<b>Supervised by (name, function, signature) :</b>	A. Piotrowski 
<input type="checkbox"/>	<b>Testing procedure: MTL:</b>	
	<b>Testing location/ address .....</b>	
	<b>Tested by (name, function, signature) .....</b>	
	<b>Witnessed by (name, function, signature) . :</b>	
	<b>Approved by (name, function, signature) .. :</b>	
	<b>Supervised by (name, function, signature) :</b>	

<b>List of Attachments (including a total number of pages in each attachment): N/A</b>	
<b>Summary of testing: Tests Results - Positive</b>	
<b>Tests performed (name of test and test clause):</b>  EPRS 003:2018-05 based on EN 62722-2-1:2016 – all clauses.	<b>Testing location:</b>  Łukasiewicz - IMiF PREDOM Division 02-255 Warszawa, ul. Krakowiaków 53, Poland
<b>Summary of compliance with National Differences (List of countries addressed): N/A</b>	
<input type="checkbox"/> The product fulfils the requirements of _____ (insert standard number and edition and delete the text in parenthesis, leave it blank or delete the whole sentence, if not applicable)	

## Copy of marking plate:



**Summary of Ratings:**

Supply Voltage .....	: 220 – 240V
Input Power (W) .....	: BGP281... /BGP291.../BGP391... - 5,2W – 43,5W BGP282... /BGP292.../BGP392... - 9,3W – 86,0W BGP283... /BGP293.../BGP393... - 27,0W – 148,0W BGP284... /BGP294.../BGP394... - 78,0W – 305,0W For details see the Appendixes No.1, No.2, No.3, No.4, No.5, No.6, No.7, No.8, No.9, No.10, No.11, No.12 – Lists of the luminaires – on CD
Luminous Flux (lm) .....	: BGP281... /BGP291.../BGP391... - 203lm – 5824lm BGP282... /BGP292.../BGP392... - 472,5lm – 11570lm BGP283... /BGP293.../BGP393... - 1470lm – 21360lm BGP284... /BGP294.../BGP394... - 3675lm – 35200lm For details see the Appendixes No.1, No.2, No.3, No.4, No.5, No.6, No.7, No.8, No.9, No.10, No.11, No.12 – Lists of the luminaires – on CD
Colour temperature (CCT).....	: 1000K 1800K 2000K 3000K 4000K 5700K
Colour rendering index (CRI) .....	: CRI>36 CRI>48 CRI>60 CRI>70 CRI>80
Efficacy (lm/W) .....	: BGP281... /BGP291.../BGP391... - 36lm/W – 149lm/W BGP282... /BGP292.../BGP392... - 40lm/W – 152lm/W BGP283... /BGP293.../BGP393... - 44lm/W – 162lm/W BGP284... /BGP294.../BGP394... - 46lm/W – 160lm/W For details see the Appendixes No.1, No.2, No.3, No.4, No.5, No.6, No.7, No.8, No.9, No.10, No.11, No.12 – Lists of the luminaires – on CD
Lamp Type/Rating .....	: PCBA LDGOSQ1.0 MICRO 006 OS3H1-18 740 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 O119H1 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

Luminaire (Type A, B, C) ..... : Type A - Luminaires using LED modules where compliance with EN 62717 has been proven

Ambient Temperature Rating ( $t_a$ ) : 25°C

Temperature Rating ( $t_a$ ) ..... : -40...+50°C – For luminaires not equipped with GPRS antenna, RF Antenna and Photocell.  
 -30...+50°C – For luminaires equipped with GPRS antenna, RF Antenna but without Photocell  
 -20...+50°C – For luminaires equipped with Photocell.

<b>Test item particulars</b> .....	: Luminaire for road and street lighting
<b>Classification of installation and use</b> .....	: Normal use
<b>Supply Connection</b> .....	: Terminal block
.....	:
<b>Possible test case verdicts:</b>	
- 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)
<b>Testing</b> .....	
<b>Date of receipt of test item</b> .....	: 07.09.2020
<b>Date (s) of performance of tests</b> .....	: 07.09.2020 – 23.10.2020
<b>General remarks:</b>	
<p>"(See Enclosure #)" refers to additional information appended to the report.  "(See appended table)" refers to a table appended to the report.</p> <p>The requirements of EN 62722-1 apply in addition to EN 62722-2-1.  The additional requirements for EN 62722-1 shall be reported in the separate TRF for this standard.  Clause numbers between brackets refer to clauses in EN 62717  Shaded clauses are not requirements under the scope of PD EPRS003, for information only.</p> <p><b>Throughout this report a <input checked="" type="checkbox"/> comma / <input type="checkbox"/> point is used as the decimal separator.</b></p>	
<b>Name and address of factory (ies)</b> .....	: 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-3/050/B/2/19 dated 27.06.2019, 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 Ref. No. BS-3/050/B/2/19 dated 27.06.2019:**

**The original Test Report Ref. No. BS-3/050/B/2/19 dated 27.06.2019 was modified on 21.04.2020**

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.1 to Test Report Ref. No. BS-3/050/B/2/19 dated 27.06.2019:**

**The original Test Report Ref. No. BS-3/050/B/2/19 dated 27.06.2019 was modified on 23.10.2020**

Scope of modifications of this Test Report:

1. Ta changed to:

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 all tests acc. to EPRS 003 are were considered necessary.

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 below)
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

**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:** (NOTE: List of the luminaires – see the Appendixes No.1, No.2, No.3, No.4, No.5, No.6, No.7, No.8, No.9, No.10, No.11, No.12 – Lists of the luminaires – on CD)

#### Example of symbol:

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 luminaires (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

Luminaire family	Series	Used LED module	LED module ratings	ENEC for luminaire	Report for module
UniStreet gen2... LumiStreet gen2... LumiStreet Pro gen2...	BGP281/BGP282/ BGP283/BGP284...II... - series  BGP291/BGP292/ BGP293/ BGP294...II... - series  BGP391/BGP392/ BGP393/BGP394...II... - series	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	1,0A	0207/ENEC/19/M2 dated 22.09.2020	PISEO R-1992- PHILIPS LEDGINE O-EPRS001 dated 20.04.2018  PISEO R-2372-1 V1 - PHILIPS LEDGINE O - EPRS001 dated 18.03.2019
		PCB LUMA MICRO 10 OSLONG3 WW PCB LUMA MICRO 20 OSLONG3 WW PCB LUMA MINI 30 OSLONG3 WW PCB LUMA MINI 40 OSLONG3 WW	1,0A		PISEO R-2507-1 V1-PHILIPS LEDGINE O- EPRS001 dated 04.04.2019
		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 <b>(10 – no of LEDs; WW/740 – color temp)</b>	1,0A		PISEO R-2255-1 V1-PHILIPS LEDGINE O - EPRS001 dated 18.10.2018  PISEO R-2372-1 V1 - PHILIPS LEDGINE O - EPRS001 dated 18.03.2019  PISEO R-2596-1 V1 - PHILIPS LEDGINE O - EPRS001 dated 23.05.2019

Possible configurations of luminaires and more information - see the Appendixes No.1, No.2, No.3, No.4, No.5, No.6, No.7, No.8, No.9, No.10, No.11, No.12 – Lists of the luminaires - on CD (data received from the manufacturer)

After construction review of the luminaires family and taking into account the clause 3.2 of the standard EN 62722-2-1 for test was chosen model:

LumiStreet Pro gen2 Micro BGP391 LW1 LED56-4S/740 I DM1 DDF1 D18 CTGO-DGR SRG10 48/60S PLS with Ledgine PCBA LDGOSQ2.0 MICRO **20** O220H2 **740** 1.0:

- LED56-4S = 4872 lm,
- $\geq 70$  CRI,
- 740= 4000K.

LumiStreet Pro gen2 Mini BGP 392 LED100-4S/740 I DM10 SRT SRB 76S PLS with Ledgine PCBA LDGOSQ2.0 MINI **40** O220H2 **740** 1.0:

- LED100-4S = 8700 lm,
- $\geq 70$  CRI
- 740= 4000K.

UniStreet gen2 Medium BGP283 LED240-4S/740 I DM10 32/48S with Ledgine PCBA

LDGOSQ2.0 MINI **40** O220H2 **740** 1.0 x2:

- LED100-4S = 20400 lm,
- $\geq 70$  CRI,
- 740= 4000K.

EPRS 003			
Clause	Requirement + Test	Result - Remark	Verdict
<b>4</b>	<b>PRODUCT INFORMATION</b>		<b>P</b>
a	Rated input power (in W)	BGP391 LW1 LED56-4S/740 II DM1 DDF1 D18 CTGO-DGR SRG10 48/60S PLS – 36,5 W BGP 392 LED100-4S/740 II DM10 SRT SRB 76S PLS – 61,0 W BGP394 LED400-4S/740 II DM10 D11 P1- 7-CP SRG10 32/48S PLS – 240W	<b>P</b>
c	Rated luminous flux (in lm)	BGP391 LW1 LED56-4S/740 II DM1 DDF1 D18 CTGO-DGR SRG10 48/60S PLS – 4872lm BGP 392 LED100-4S/740 II DM10 SRT SRB 76S PLS – 8700lm BGP394 LED400-4S/740 II DM10 D11 P1- 7-CP SRG10 32/48S PLS – 34000lm	<b>P</b>
g	Rated chromaticity coordinate initial values only. (Maintained values not applicable for PD EPRS 003)		<b>N/A</b>
h	Correlated colour temperature (CCT in K)	4000K	<b>P</b>
i	Rated Colour Rendering Index (CRI)	CRI>70	<b>P</b>
j	Ambient temperature (t <sub>a</sub> ) for the luminaire	25°C	<b>P</b>
k	LED luminaire efficacy (lm/W)	BGP391 LW1 LED56-4S/740 II DM1 DDF1 D18 CTGO-DGR SRG10 48/60S PLS – 133 lm/W BGP 392 LED100-4S/740 II DM10 SRT SRB 76S PLS – 143 lm/W BGP394 LED400-4S/740 II DM10 D11 P1- 7-CP SRG10 32/48S PLS – 142 lm/W	<b>P</b>
l	Ageing time (h), if different to 0 h		<b>N/A</b>
<b>6</b>	<b>TEST CONDITIONS</b>		<b>P</b>
<b>6.1</b>	<b>General test conditions</b>		<b>P</b>
<b>6.2</b>	<b>Luminaires with LED modules in compliance with EN 62717 (Type A)</b>		<b>P</b>
<b>6.3</b>	<b>Luminaires with LED modules not in compliance with EN 62717 (Type B)</b>		<b>N/A</b>
6.3.1	Testing where reliability data of components available <i>Note: There is no option for this at present</i>		<b>N/A</b>
6.3.2	Testing where no reliability data of components available		<b>N/A</b>
6.3.3	Creation of module families to reduce test effort		<b>N/A</b>
<b>6.4</b>	<b>Performance requirements – Selection of required tests</b>		<b>P</b>

EPRS 003			
Clause	Requirement + Test	Result - Remark	Verdict
<b>7</b>	<b>TOTAL INPUT POWER</b>		<b>P</b>
	<b>Rated Luminaire Power</b> .....	BGP391 LW1 LED56-4S/740 II DM1 DDF1 D18 CTGO-DGR SRG10 48/60S PLS – 36,5 W BGP 392 LED100-4S/740 II DM10 SRT SRB 76S PLS – 61,0 W BGP394 LED400-4S/740 II DM10 D11 P1-7-CP SRG10 32/48S PLS – 240,0 W	-
	<b>Measured Power</b> .....	BGP391 LW1 LED56-4S/740 II DM1 DDF1 D18 CTGO-DGR SRG10 48/60S PLS – 35,7 W BGP 392 LED100-4S/740 II DM10 SRT SRB 76S PLS – 60,1 W BGP394 LED400-4S/740 II DM10 D11 P1-7-CP SRG10 32/48S PLS – 249,4 W	-
(7.1)	The initial power consumed is less than 110% rated power.....	BGP391 LW1 LED56-4S/740 II DM1 DDF1 D18 CTGO-DGR SRG10 48/60S PLS – 97,8% BGP 392 LED100-4S/740 II DM10 SRT SRB 76S PLS – 98,5% BGP394 LED400-4S/740 II DM10 D11 P1-7-CP SRG10 32/48S PLS – 103,9%	P
<b>8</b>	<b>LIGHT OUTPUT</b>		<b>P</b>
<b>8.1 (8.1)</b>	<b>Luminous flux</b>		
	<b>Measured luminous flux (lm)</b> :.....	BGP391 LW1 LED56-4S/740 II DM1 DDF1 D18 CTGO-DGR SRG10 48/60S PLS – 4811lm BGP 392 LED100-4S/740 II DM10 SRT SRB 76S PLS – 8626lm BGP394 LED400-4S/740 II DM10 D11 P1-7-CP SRG10 32/48S PLS – 33803lm	-
	<b>Rated luminous flux (lm)</b> :.....	BGP391 LW1 LED56-4S/740 II DM1 DDF1 D18 CTGO-DGR SRG10 48/60S PLS – 4872lm BGP 392 LED100-4S/740 II DM10 SRT SRB 76S PLS – 8700lm BGP394 LED400-4S/740 II DM10 D11 P1-7-CP SRG10 32/48S PLS – 34000lm	-
	The initial luminous flux of a LED luminaire is more than 90% of the rated lumen output.....	BGP391 LW1 LED56-4S/740 II DM1 DDF1 D18 CTGO-DGR SRG10 48/60S PLS – 98,7% BGP 392 LED100-4S/740 II DM10 SRT SRB 76S PLS – 99,2% BGP394 LED400-4S/740 II DM10 D11 P1-7-CP SRG10 32/48S PLS – 99,4%	P
<b>8.2 (8.2)</b>	<b>Luminous distribution, peak, beam</b>		<b>P</b>
8.2.1 (8.2.1)	General	LED module without directional distribution	P
8.2.2 (8.2.2)	Measurement	Not declared by manufacturer	N/A
8.2.3 (8.2.3)	Luminous intensity distribution	Not declared by manufacturer	N/A
8.2.4 (8.2.4)	Peak intensity value	Not declared by manufacturer	N/A
8.2.5 (8.2.5)	Beam angle value	Not declared by manufacturer	N/A

EPRS 003				
Clause	Requirement + Test	Result - Remark	Verdict	
8.3	<b>Measured efficacy</b>			
	Measured efficacy (lm/W).....:	BGP391 LW1 LED56-4S/740 II DM1 DDF1 D18 CTGO-DGR SRG10 48/60S PLS – 131 lm/W BGP 392 LED100-4S/740 II DM10 SRT SRB 76S PLS – 141 lm/W BGP394 LED400-4S/740 II DM10 D11 P1-7-CP SRG10 32/48S PLS – 135,5 lm/W		-
	Rated efficacy (lm/W).....:	BGP391 LW1 LED56-4S/740 II DM1 DDF1 D18 CTGO-DGR SRG10 48/60S PLS – 133 lm/W BGP 392 LED100-4S/740 II DM10 SRT SRB 76S PLS – 143 lm/W BGP394 LED400-4S/740 II DM10 D11 P1-7-CP SRG10 32/48S PLS – 142 lm/W		
	The efficacy of LED luminaire is more than 80% of the rated efficacy.....:	BGP391 LW1 LED56-4S/740 II DM1 DDF1 D18 CTGO-DGR SRG10 48/60S PLS – 98,5% BGP 392 LED100-4S/740 II DM10 SRT SRB 76S PLS – 98,6% B BGP394 LED400-4S/740 II DM10 D11 P1-7-CP SRG10 32/48S PLS – 95,4%	P	

<b>9</b>	<b>CHROMATICITY CO-ORDINATES, CORRELATED COLOUR TEMPERATURE (CCT) AND COLOUR RENDERING</b>		P
<b>9.1 (9.1)</b>	<b>Chromaticity co-ordinates</b> Initial chromaticity co-ordinates only (Maintained values not applicable for PD EPRS 003)	x=0.3637; y= 0.3541	P
<b>9.2 (9.2)</b>	<b>Correlated colour temperature (CCT)</b> Initial correlated colour temperature only (Maintained values not applicable for PD EPRS 003)	4350K	P
<b>9.3 (9.3)</b>	<b>Colour rendering index (CRI)</b> Initial colour rendering index only (CRI) (Maintained values not applicable for PD EPRS 003)	74,1	P

\*) Acc.to the manufacturer declaration

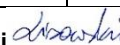
<b>10</b>	<b>LED LUMINAIRE LIFE</b>		<b>N/A</b>
<b>10.1 (10.1)</b>	<b>General</b> Note: No requirement, information only	Not required for luminaire type A	N/A
<b>10.3</b>	<b>Endurance tests</b>		N/A
(10.3.1)	General		N/A
(10.3.2)	Temperature cycling test		N/A
	Option chosen: 10K/min or 1K/min .....	_____ K/min	N/A
(10.3.3)	Supply switching test		N/A
	Number of cycles performed.....:	_____ cycles	N/A
(10.3.4)	Accelerated operation life test Note: this test of IEC 62717 is modified by PD EPRS 001		N/A

<b>11</b>	<b>VERIFICATION</b>		<b>N/A</b>
	Note: Not applicable. The directions of PD EPRS 003 are to be followed		N/A

EPRS 003			
Clause	Requirement + Test	Result - Remark	Verdict

ANNEX 1		TABLE: Critical components information					P
Object / part No.	Cod e	Manufacturer / trademark	Type/Model	Technical data	Standard	Marks of conformi ty	
Electronic led driver	A	PHILIPS LIGHTING ELECTRONICS	Xi FP 22W 0.2-0.7A SNLDAE 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 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 STARSSENSE 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. 27-2/020/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	

\*Corrected item 1 in the list of components – typo error. Date of the correction 19.11.2020. K.Lisowski



EPRS 003						
Clause	Requirement + Test			Result - Remark	Verdict	
<b>ANNEX 1</b>	<b>TABLE: Critical components information</b>					<b>P</b>
Object / part No.	Cod e	Manufacturer / trademark	Type/Model	Technical data	Standard	Marks of conformi ty
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 Contact-M 350699-1	0,2 – 0,8 mm2, 5,5A	IEC 60512	UL
Connector	B	Tyco electronics	MATE-N-LOK Contact-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	I <sub>max</sub> 10kA, I <sub>n</sub> 5kA, U <sub>n</sub> 230V (50/60Hz), T <sub>a</sub> = -40°C to 80°C	EN 61643-11	CB
Surge Protective Device	A	CPT CIRPROTEC	SPD NSS-10/230-C2-WD	I <sub>max</sub> 10kA I <sub>n</sub> 5kA, U <sub>n</sub> 230V (50/60Hz), U <sub>oc</sub> 10kV U <sub>c</sub> (L1-L2/PE) 420V U <sub>c</sub> (L1-L2) 320V T <sub>a</sub> : -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	PEC SO CAVI SRL	H05VV-F 5G1,5/3G1,5	1,5mm2, 300/500V	EN 50525-2-11	VDE
Cable for mains	B	PEC SO CAVI SRL	H05VV-F 5G2,5/3G2,5	2,5mm2, 300/500V	EN 50525-2-11	VDE
Cable for mains	B	PEC SO 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
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 Cabo	H05VV-FP 5G1,5/3G1,5	1,5mm2, 300/500V	BS6004	BASEC
Cable for mains	B	CMK Cabo	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

EPRS 003						
Clause	Requirement + Test			Result - Remark	Verdict	
<b>ANNEX 1</b>	<b>TABLE: Critical components information</b>					<b>P</b>
Object / part No.	Code	Manufacturer / trademark	Type/Model	Technical data	Standard	Marks of conformity
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
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

EPRS 003						
Clause	Requirement + Test			Result - Remark	Verdict	
<b>ANNEX 1</b>	<b>TABLE: Critical components information</b>					<b>P</b>
Object / part No.	Code	Manufacturer / trademark	Type/Model	Technical data	Standard	Marks of conformity
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
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 SNLDAE 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 SNLDAE 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 SNLDAE 230V S175 sX	220-240V 50...60 Hz 0.2-0.7A Tc=85 °C	EN 61347-1, EN 61347-2-13	ENEC05

EPRS 003			
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	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:

<sup>1)</sup> 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

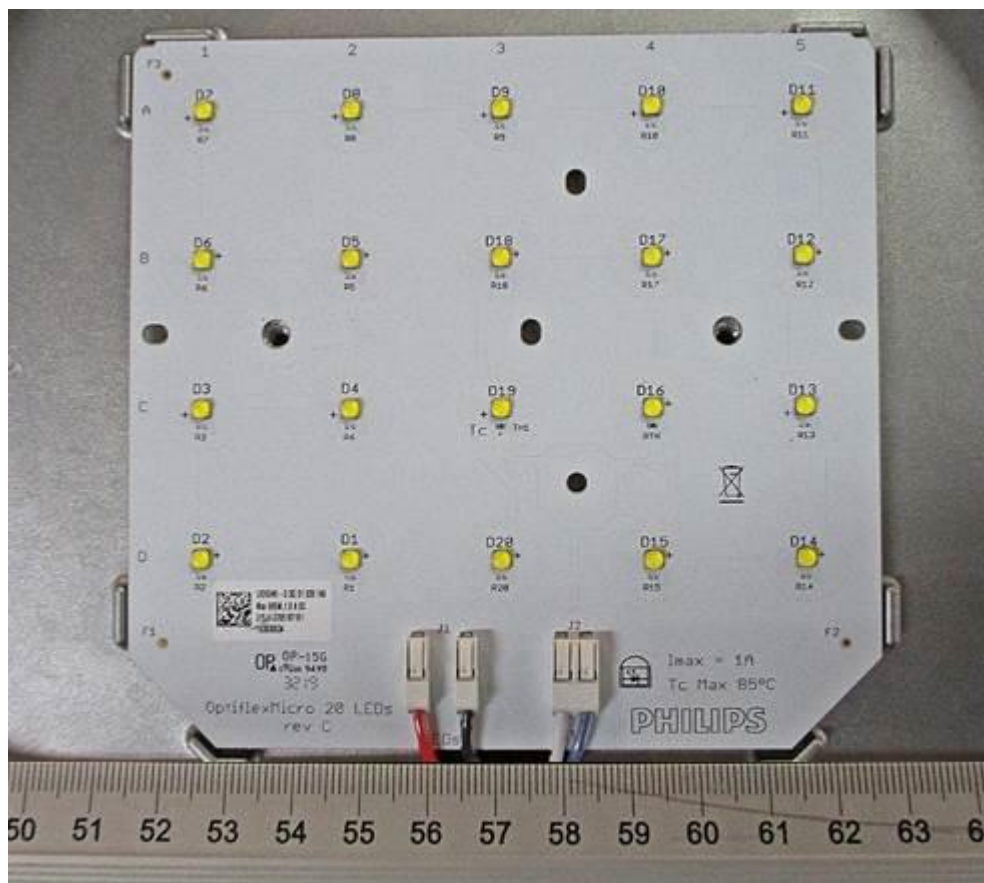
**List of test equipment used:**

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

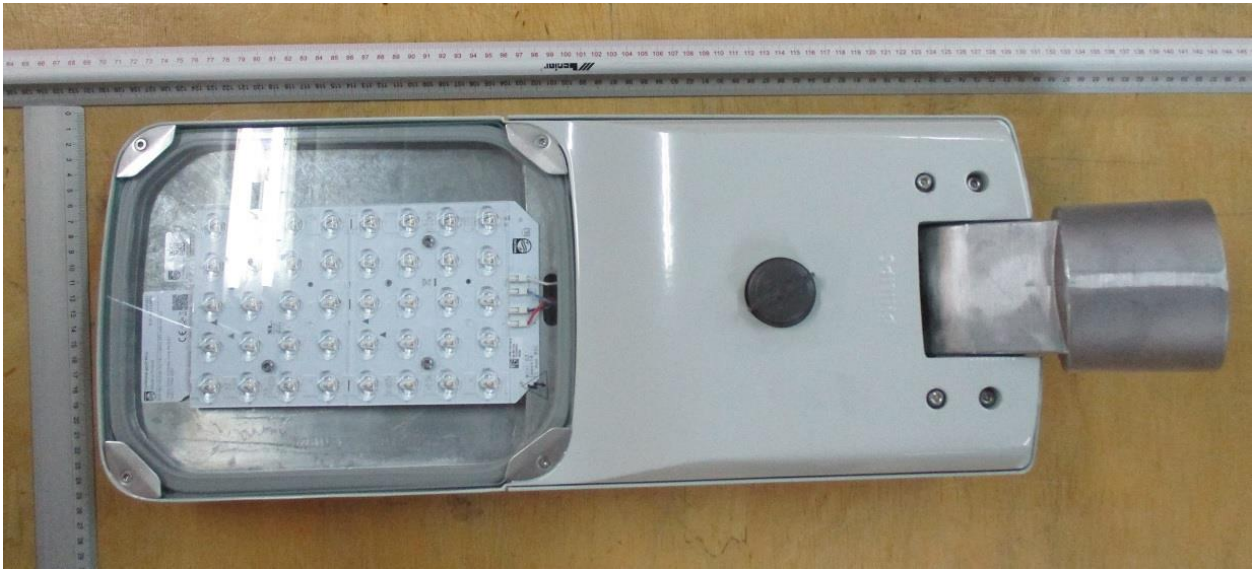
Photos

LumiStreet Pro gen2 Micro BGP391 LW1 LED56-4S/740 II DM1 DDF1 D18 CTGO-DGR SRG10 48/60S PLS





LumiStreet Pro gen2 Mini BGP 392 LED100-4S/740 II DM10 SRT SRB 76S PLS





LumiStreet Pro gen2 Large BGP394 LED400-4S/740 II DM10 D11 P1-7-CP SRG10 32/48S PLS

