

**TEST REPORT**

TS EN 60598-2-3
Luminaires
Part 2: Particular requirements:
Section Three – Luminaires for road and street lighting

AB-0678-T

20T10064+
008N0201/
40

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Report

Report Number : 20T10064+008N0201/40
Date of issue : S20T10/0819/064+008-02/02-06/N02
Report release date..... : 05/10/2020
Total number of pages : 26

Testing Laboratory : Arlight Lighting Laboratory
Address..... : Saray Ave. 205 St. No:4 Kahramankazan/ANKARA/ TURKEY
Tested by(name + signature)..... : Döndü DEMİRTAŞ 
Approved by(name + signature : Fatih KARA 

Applicant's name : Arlight Lighting Inc.
Address..... : Saray Ave. 205 St. No:4 Kazan/ANKARA/ TURKEY

Test specification:

Standard : TS EN 60598-1:2015+/A1:2017
TS EN 60598-2-3:2005+A1:2011
Test procedure..... : Arlight Lighting Laboratory
Non-standard test method..... : N/A

This report was prepared after applying test/tests to the sample that are sent to our laboratory by customer.Except for the sample specified in the sample number, note that this report does not involve other samples of the customer.This report shall not be reproduced other than in full except with the permission of the laboratory. Testing reports without signature and seal are not valid.

The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

* signed tests or the papers which have not the accreditation number are not in the scope of accreditation.

TEST REPORT issued by an Accredited Testing Laboratory. Accredited by TÜRKAK, no AB-0678-T, ISO/IEC 17025.

Test item description

Trade Mark : 
Manufacturer..... : BAYTAŞ AYDINLATMA
Model/Type reference : BAYLED SIRUS
Ratings..... : 100-240 VAC; 50-60 Hz

Testing procedure and testing location:

☐ **CB Testing Laboratory:**~~Testing location/ address~~:☐ **Associated CB Laboratory:**~~Testing location/ address~~:~~Tested by (name + signature)~~:~~Approved by (name + signature)~~:☐ ~~Testing procedure: TMP~~~~Testing location/ address~~:~~Tested by (name + signature)~~:~~Approved by (name + signature)~~:☐ ~~Testing procedure: WMT~~~~Testing location/ address~~:~~Tested by (name + signature)~~:~~Witnessed by (name + signature)~~:~~Approved by (name + signature)~~:☐ ~~Testing procedure: SMT~~~~Testing location/ address~~:~~Tested by (name + signature)~~:~~Approved by (name + signature)~~:~~Supervised by (name + signature) ...~~:☐ ~~Testing procedure: RMT~~~~Testing location/ address~~:~~Tested by (name + signature)~~:~~Approved by (name + signature)~~:~~Supervised by (name + signature) ...~~:

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Summary of testing:

Luminaire passed from all applied tests.

*** Disclaimer:-***** Definition of Decision Rule:-*****Statement that the results are valid for the sample received:**

TS EN 60598-2-3 Report No: 20T10064+008N0201/40 Applies to the sample with photos on pages 17-26.

(* Applicable / to be completed when necessary)

Tests performed (name of test and test clause):

TS EN 60598-1:2015 , TS EN 60598-1/A1 used in conjunction with TS EN 60598-2-3:2005/A1:2011 (Only clauses 3.7, 3.8, 3.9, 3.11, 3.12, 3.13 and 3.14 applied as a customer demand)

Testing location:

Arlight Lighting Laboratory
Saray Ave. 205 St. No:4 Kazan
Ankara - TURKEY

ARLIGHT 
Aydınlatma Laboratuvarı

Summary of compliance with National Differences:

List of countries addressed:

Copy of marking plate

List of Test Equipment

No	Name	Brand	Model	Serial Number	Calibration Date	Calibration Period
1	DC Power Source	APC	ADC-3300006-15	D210090002	06-2020	1 YEAR
2	AC Power Source	APC	AFC-11005G	F310090023	06-2020	1 YEAR
3	AC Power Source	APC	AFC-11003G	F310090022	06-2020	1 YEAR
4	AC Power Source	APC	AFC-1KW	F310090021	06-2020	1 YEAR
5	Digital Multimeter	FLUKE	289	13760170	06-2020	1 YEAR
6	Digital Multimeter	FLUKE	179	11510274	06-2020	1 YEAR
7	Digital Multimeter	GOODWILL	GDM-8255A	EK162366	06-2020	1 YEAR
8	Digital Multimeter	GOODWILL	GDM-8255A	EK162367	06-2020	1 YEAR
9	Digital Multimeter	GOODWILL	GDM-8255A	EK842493	06-2020	1 YEAR
10	Digital Powermetre	GOODWILL	GPM-8212	CK160043	06-2020	1 YEAR
11	Digital Powermetre	GOODWILL	GPM-8212	CK160059	06-2020	1 YEAR
12	Digital Powermetre	GOODWILL	GPM-8212	CK160068	06-2020	1 YEAR
13	Electric Safety Tester	CHAUVIN-ARNOUX	C.A. 6160	8490753	06-2020	1 YEAR
14	Electric Safety Tester	GOODWILL	GPI-745A	EK842493	06-2020	1 YEAR
15	Climatic Chamber	CHTEK	TEM1880	CH-TH-5BP-C	07-2020	1 YEAR
16	Owen	NÜVE	FN-300	03-851	07-2020	1 YEAR
17	Oscilloscope	GOODWILL	GDS-2104	EK180260	06-2020	1 YEAR
18	Needle Flame	SYSTEMAK	1217		07-2020	1 YEAR
19	Glow Wire	SYSTEMAK	Digital	4209f04	07-2020	1 YEAR
20	High Voltage Probe	PINTEK	HVP-15HF	20120706	07-2020	1 YEAR
21	5 Channel Datalogger	ORDEL	J TYPE	1009-03943	07-2020	1 YEAR
22	5 Channel Datalogger	ORDEL	J TYPE	1009-03944	07-2020	1 YEAR
23	Humidity Temperature Meter	LT-LUTRON	YK-90HT	Q631446	07-2020	1 YEAR
24	Humidity Temperature Meter	LT-LUTRON	YK-90HT	Q654408	07-2020	1 YEAR

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25	4 Channel Thermometer	LT-LUTRON	TM946	I.186591	07-2020	1 YEAR
26	2 Channel Thermometer	CHY	W-502	0-7000172	07-2020	1 YEAR
27	Digital Force Gauge	SHIMPO	FGN-50B	H9511J626	07-2020	1 YEAR
28	Digital Scales	DİKOMSAN	ACS-Z	52072	07-2020	1 YEAR
29	Torque Screwdriver	Torqueleader	TT100	7EL100045	08-2020	1 YEAR
30	Torque Screwdriver	Torqueleader	TT500	7FL100007	08-2020	1 YEAR
31	Digital Calliper	MITUTOYO	DC-15CPX	12020336	08-2020	1 YEAR
32	LCR Meter	GOODWILL	LCR-817	EK150685	08-2020	1 YEAR
33	Meter	Stanley	CT06053	14273L02	08-2020	1 YEAR
34	Steel Ruler	CETA Form	P15-100	14689L01	08-2020	1 YEAR
35	Thickness Gauge	TEMAK	26SM	14273L01	08-2020	1 YEAR
36	Dial Indicator	MITUTOYO	2046S	KVV631	08-2020	1 YEAR
37	Dial Indicator	MITUTOYO	2046S	KVV646	08-2020	1 YEAR
38	Hammer Spring	SYSTEMAK	Mekanik	26509	08-2020	1 YEAR
39	Ball Pressure	SYSTEMAK	Çelik	5823L03	08-2020	1 YEAR
40	Thermal Camrea	FLUKE	Tİ-32	11050042	08-2020	1 YEAR

SAMPLE NO	NAME	TYPE	LAMP	RATINGS	CLASS	IP
S20T10/0819/064+008-02/02-06/N02	BAYLED SIRUS	ROAD AND STREET LED LIGHTING LUMINAIRE	LUMILEDS LMIL 130-4070 NATURAL WHITE 4000K	100-240 VAC 50-60 Hz	CLASS I	IP66

The requirements in above table are provided by the customer.

Test item particulars

Classification of installation and use : Class I Road and Street Type Lightning Luminaire

Supply Connection : Through Cable

..... :

..... :

Possible test case verdicts:

- test case does not apply to the test object : N/A (Not Applicable)
- test object does meet the requirement : P (Pass)
- test object does not meet the requirement : F (Fail)

Testing

Date of receipt of test item : 18.08.2020

Date (s) of performance of tests : 05.10.2020

General remarks:

The test results presented in this report relate only to the object tested.

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"(see Enclosure #)" refers to additional information appended to the report.

"(see appended table)" refers to a table appended to the report.

Additional test data and/or information provided in the attachments to this report.

List of test equipment must be kept on file and available for review.

Clause numbers between brackets refer to clauses in IEC 60598-1

Throughout this report a ☒ comma / ☐ point is used as the decimal separator.

General product information:

Bayled Sirius is a lighting fixture produced by Baytaş Lighting. It is designed for road and street. The luminaire has IP66 rating and Class I electrical safety type. Luminaire Operating Temperature is -25 ... +55°C.

Annex A: Mounting Instruction

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Clause	Requirement – Test	Result – Remark	Verdict
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3.2 (0)	GENERAL TEST REQUIREMENTS		
3.2 (0.1)	Information for luminaire design considered	Yes ☒ No ☐	—
3.2 (0.3)	More sections applicable.....:	Yes ☐ No ☒	—

3.5 (2)	CLASSIFICATION		
3.5 (2.2)	Type of protection	Class I	—
3.5 (2.3)	Degree of protection	IP66	—
3.5 (2.4)	Luminaire suitable for direct mounting on normally flammable surfaces.....:	Yes ☒ No ☐	—
	Luminaire not suitable for direct mounting on normally flammable surfaces	Yes ☐ No ☒	—
	Luminaire suitable to be covered by insulating material.....:	Yes ☐ No ☒	—
3.5 (2.5)	Luminaire for normal use	Yes ☒ No ☐	—
	Luminaire for rough service	Yes ☐ No ☒	—
3.4 (-)	Modes of installation of road or street lighting		
	– on a pipe(bracket) or like	Yes ☒ No ☐	—
	– on a mast arm	Yes ☐ No ☒	—
	– on a post top	Yes ☐ No ☒	—
	– on span or suspension	Yes ☐ No ☒	—
	– on a wall	Yes ☐ No ☒	—

3.7 (11)	CREEPAGE DISTANCES AND CLEARANCES		P
3.7 (11.2)	Creepage distances and clearances	See table 3.7 (11.2)	P
	Working voltage (V)	240 V	—
	Voltage form	Sinusoidal ☐ Non-sinusoidal ☒	—
	PTI	< 600 ☒ ≥ 600 ☐	—

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Clause	Requirement – Test	Result – Remark	Verdict
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	Impulse withstand category (Normal category II) (Category III Annex U)	Category II ☒ Category III ☐	—
	Rated pulse voltage (kV).....:	Does not have ignitor	—
	(1) Current-carrying parts of different polarity: cr (mm); cl (mm)	> 2,5 mm / > 1,5 mm	P
	(2) Current-carrying parts and accessible parts: cr (mm); cl (mm)	> 2,5 mm / > 1,5 mm	P
	(3) Parts becoming live due to breakdown of basic insulation and metal parts: cr (mm); cl (mm)	> 2,5 mm / > 1,5 mm	P
	(4) Outer surface of cable where it is clamped and metal parts: cr (mm); cl (mm).....:	Does not have clamped cable	N/A
	(5) Current-carrying parts and supporting surface: cr (mm); cl (mm).....:	> 2,5 mm / > 1,5 mm	P

3.8 (7)	PROVISION FOR EARTHING		P
3.8 (7.2.1 + 7.2.3)	Accessible metal parts		P
	Metal parts in contact with supporting surface		P
	Resistance < 0,5 Ω	0,020 Ω	P
	Self-tapping screws used		N/A
	Thread-forming screws		N/A
	Thread-forming screw used in a groove		N/A
	Earth makes contact first		P
	Terminal blocks with integrated screwless earthing contacts tested according Annex V		N/A
	Protective earthing of the luminaire not via built-in control gear		N/A
3.8 (7.2.2 + 7.2.3)	Earth continuity in joints etc.		P
3.8 (7.2.4)	Locking of clamping means		N/A
	Compliance with 4.7.3		N/A
	Terminal blocks with integrated screwless earthing contacts tested according Annex V		N/A
3.8 (7.2.5)	Earth terminal integral part of connector socket		N/A
3.8 (7.2.6)	Earth terminal adjacent to mains terminals		N/A
3.8 (7.2.7)	Electrolytic corrosion of the earth terminal		N/A
3.8 (7.2.8)	Material of earth terminal		N/A

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Clause	Requirement – Test	Result – Remark	Verdict
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	Contact surface bare metal		N/A
3.8 (7.2.10)	Class II luminaire for looping-in		N/A
	Double or reinforced insulation to functional earth		N/A
3.8 (7.2.11)	Earthing core coloured green-yellow		P
	Length of earth conductor		P
3.8.1 (-)	Attachment prevented from rotation		P

3.9 (14)	SCREW TERMINALS		N/A
	Separately approved; component list	(see Annex 1)	N/A
	Part of the luminaire	(see Annex 3)	N/A

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		N/A
	Basic insulated parts not accessible with standard test finger on portable and adjustable luminaires		N/A
	Basic insulated parts not accessible with Ø 50 mm probe from outside, within arm's reach, on wall-mounted luminaires		N/A
	Lamp and starterholders in portable and adjustable luminaires comply with double or reinforced insulation requirements		N/A
	Basic insulation only accessible under lamp or starter replacement		N/A
	Protection in any position		N/A
	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:		N/A
	– basic insulated metal parts not accessible during starter or lamp replacement	Luminaire is Class I	N/A

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Clause	Requirement – Test	Result – Remark	Verdict
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	– basic insulation not accessible other than during starter or lamp replacement		N/A
	– glass protective shields not used as supplementary insulation		N/A
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) Class III luminaires with exposed SELV parts:	Luminaire is Class I	N/A
	Ordinary luminaire:		N/A
	– touch current		N/A
	– no-load voltage		N/A
	Other than ordinary luminaire:		N/A
	– nominal voltage		N/A
3.11 (8.2.4)	Portable luminaire:		N/A
	– protection independent of supporting surface	Luminaire is not portable luminaire	N/A
3.11 (8.2.5)	Compliance with the standard test finger or relevant probe		N/A
3.11 (8.2.6)	Covers reliably secured		N/A
3.11 (8.2.7)	Discharging of capacitors $\geq 0,5 \mu\text{F}$		N/A
	Portable plug connected luminaire with capacitor		N/A
	Other plug connected luminaire with capacitor		N/A
	Discharge device on or within capacitor		N/A
	Discharge device mounted separately		N/A

3.12 (12)	ENDURANCE TEST AND THERMAL TEST		P
3.12 (12.3)	Endurance test:		P
	– mounting-position	See Annex A	—
	– test temperature (°C)	65 °C	—
	– total duration (h)	240 h	—
	– supply voltage: Un factor; calculated voltage (V):	1,1 x UN = 264 V	—
	– lamp used	all luminaires tested with the relevant lamps	—
3.12(12.3.2)	After endurance test:		P
	– no part unserviceable		P
	– luminaire not unsafe		P

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Clause	Requirement – Test	Result – Remark	Verdict
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	– no damage to track system	Luminaire does not have track system	N/A
	– marking legible		P
	– no cracks, deformation etc.		P
	– calculated temperature of fixing point/exposed part (°C)		—
	Ball-pressure test:		N/A
	– part tested; temperature (°C)		N/A
	– part tested; temperature (°C)		N/A

3.13 (9)	RESISTANCE TO DUST, SOLID OBJECTS AND MOISTURE		P
3.13 (9.2)	Tests for ingress of dust, solid objects and moisture:		P
	– classification according to IP	IP66	—
	– mounting position during test.....	See Annex A	—
	– fixing screws tightened; torque (Nm)	---	—
	– tests according to clauses	9.2.0	—
	– electric strength test afterwards		P
	a) no deposit in dust-proof luminaire		P
	b) no talcum in dust-tight luminaire		P
	c) no trace of water on current-carrying parts or SELV parts or where it could become a hazard		P
	d) i) For luminaires without drain holes – no water entry		P
	ii) For luminaires with drain holes – no hazardous water entry		N/A
	e) no water in watertight luminaire		P
	f) no contact with live parts (IP 2X)		N/A
	no entry into enclosure (IP 3X and IP 4X)		N/A
	no contact with live parts (IP3X and IP4X)		N/A
	g) no trace of water on part of lamp requiring protection from splashing water		N/A
	h) no damage of protective shield or glass envelope		P
3.13 (9.3)	Humidity test 48 h		P
3.13 (-)	Tests order for luminaires with > IP 20		—

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Clause	Requirement – Test	Result – Remark	Verdict
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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		—
	Insulation resistance (MΩ)	>999,9 MΩ	—
	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
	Other than SELV:		P
	– between live parts of different polarity	>999,9MΩ	P
	– between live parts and mounting surface	>999,9MΩ	P
	– between live parts and metal parts	>999,9MΩ	P
	– between live parts of different polarity through action of a switch	Does not switch	N/A
3.14 (10.2.2)	Electric strength test		P
	Dummy lamp	Luminaire lighting is LED Module	N/A
	Luminaires with ignitors after 24 h test	Does not have ignitor	N/A
	Luminaires with manual ignitors		N/A
	Test voltage (V):	For main supply:1480VAC	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
	Other than SELV:		P
	– between live parts of different polarity	3,0mA	P
	– between live parts and mounting surface	3,0mA	P
	– between live parts and metal parts	3,0mA	P

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Clause	Requirement – Test	Result – Remark	Verdict
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	– between live parts of different polarity through action of a switch	Does not switch	N/A
3.14 (10.3)	Touch current or protective conductor current (mA) :	403µA	P

3.7 (11.2)	TABLES: Creepage distances and clearances					P
Table 11.1	Minimum distance (mm) for a.c. (50/60 Hz) sinusoidal voltages					
Clearance cl and creepage distance decry at/of:	Up (V)	Required cl (mm)	Cl (mm)	Required cr (mm)	Cr (mm)	
Live parts and accessible part	240VAC	1,5mm	2,13mm	2,5mm	3,14mm	PASS
Supplementary information:						

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Clause	Requirement + Test	Result – Remark	Verdict
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ANNEX 1: components							
object /part No.	code	manufacturer/ trademark	type/model	technical data	standard	mark(s) of conformity	
1	C	MEAN WELL	HLG-80H-C350A	Rated Current : 350Ma Rated Power: 89.95W Rated Voltage:90-305VAC	EN 61347-2-13 EN 61347-1		
2	C	LUMILEDS	LMIL 130-4070 NATURAL WHITE 4000K	Forward Current:1000Ma Operating Temperature - 40&135°C	EN 60825-1 EN 62471		
3	C	BAYLED	TLS-316-15S235211NC-84	84 LED	-		
4	C	VOIR	POV/M12	Operating Temperature - 40&125°C	EN 60068-2-3		
5	C	ORTAC	M20x1,5	IP68 Operating Temperature: -30&80°C	EN 60423		
6	C	PEKTAŞ KABLO	H05VV-F 3 G 1,5mm2	Operating Temperature: 70°C	VDE 0281 BS 6500 IEC 60227		

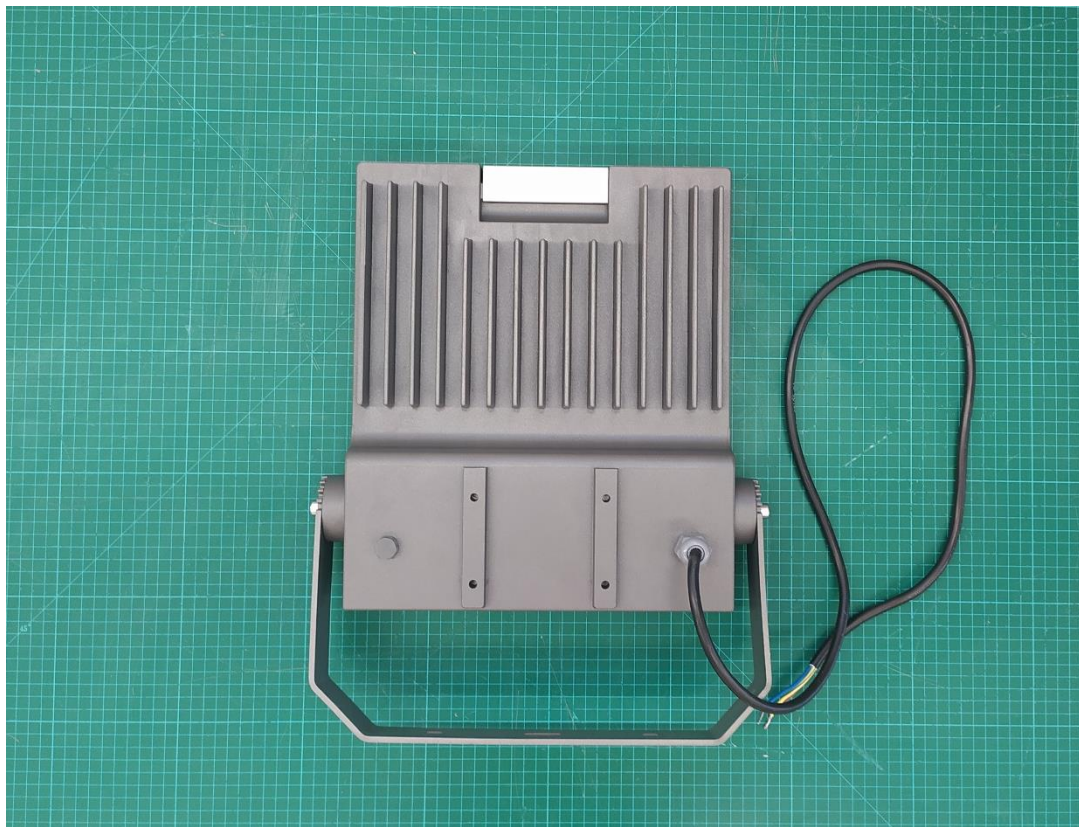
The codes above have the following meaning:

- 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

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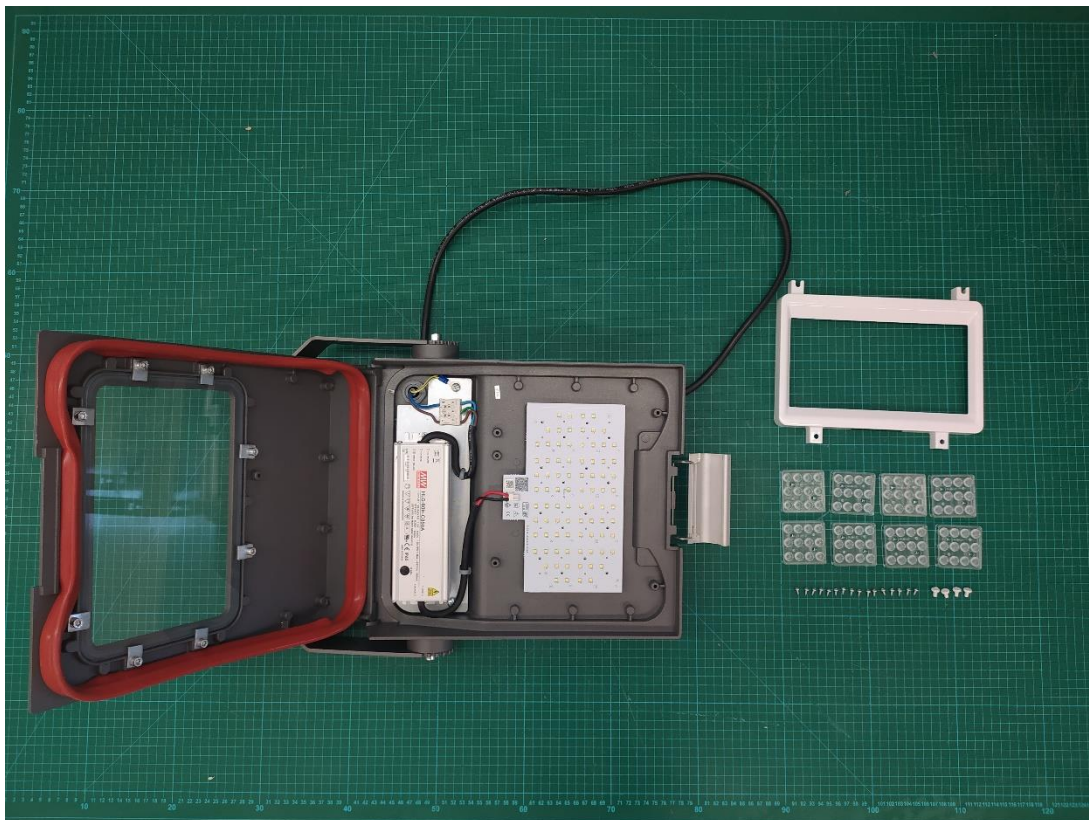
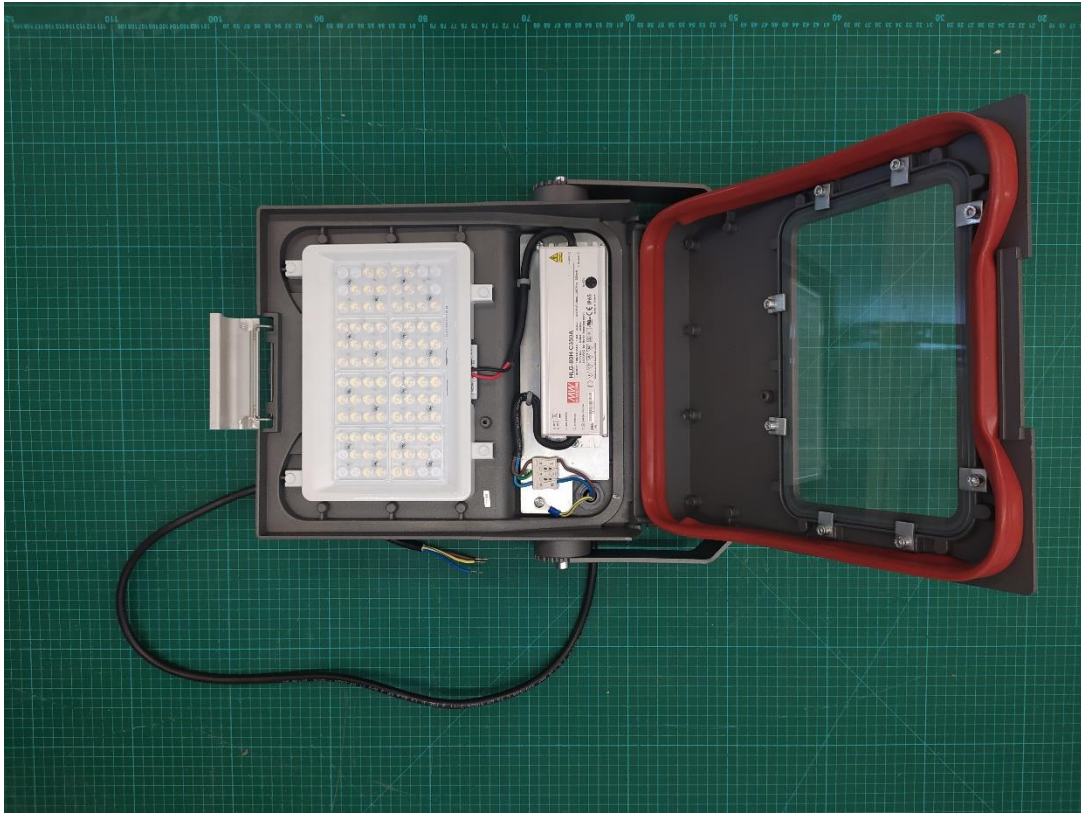
	ANNEX 3: screw terminals (part of the luminaire)		N/A
(14)	SCREW TERMINALS		N/A
(14.2)	Type of terminal		—
	Rated current (A)		—
(14.3.2.1)	One or more conductors		N/A
(14.3.2.2)	Special preparation		N/A
(14.3.2.3)	Terminal size		N/A
	Cross-sectional area (mm ²)		N/A
(14.3.3)	Conductor space (mm)		N/A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

Photos of EuT

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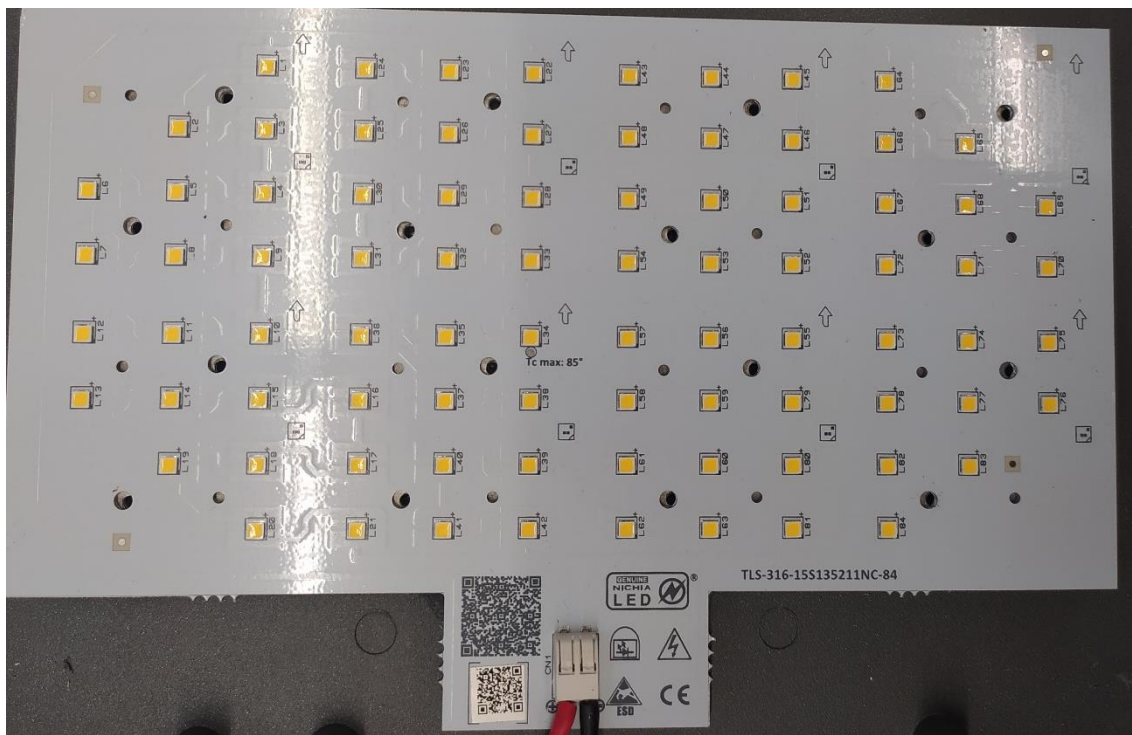
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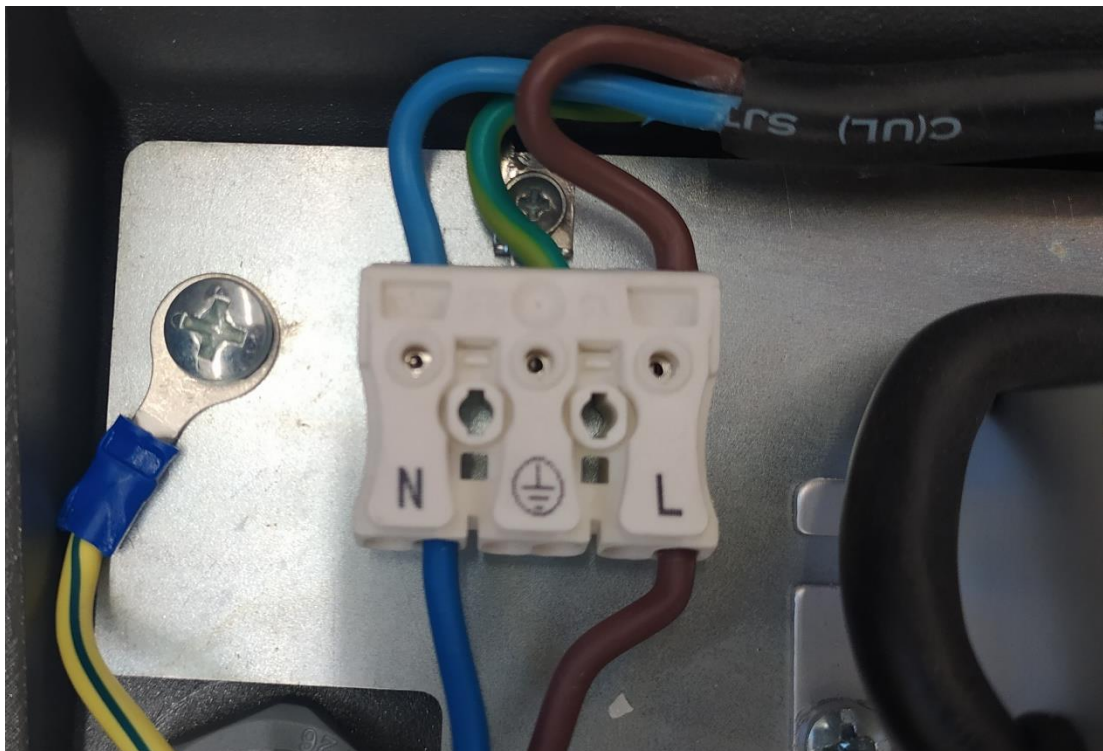
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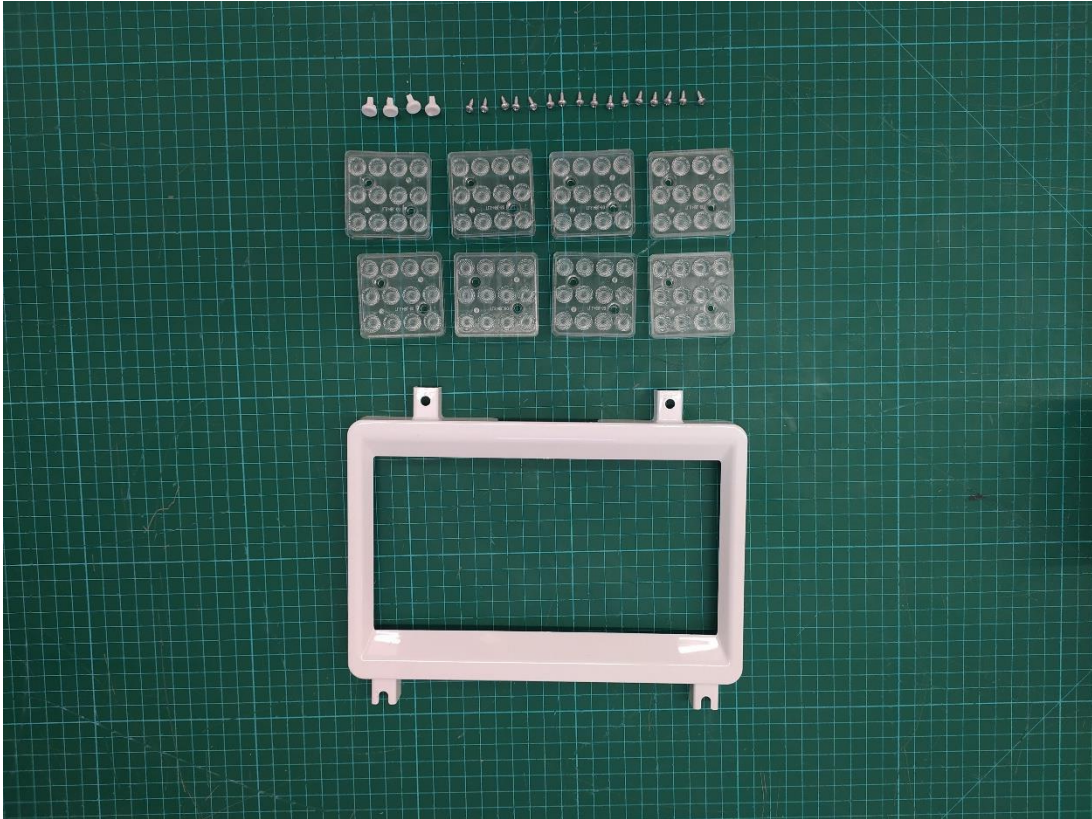
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Annex A: Mounting Instruction



EN INSTALLATION INSTRUCTION PL INSTRUKCJA MONTAŻU DE MONTAGEANLEITUNG
RU ИНСТРУКЦИИ ПО УСТАНОВКЕ FR INSTRUCTIONS DE MONTAGE



SIRUS

USER MANUAL

LED

IP66

IK09

100-240 V AC
50 – 60 Hz



CE





CAUTION
RISK OF
ELECTRIC
SHOCK

 CLEAR
5MM
TEMPERED
GLASS



- Suitable for use outdoor.
- Only to be installed outside arms reach.
- The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
- Terminal block not included. Installation must be performed by a qualified person.



**7,8
KG**

PL Montaż powinien przeprowadzić wykwalifikowana osoba

EN Assembly should be carried out by a qualified person

DE Die Montage soll durch qualifizierte Fachkräfte durchgeführt werden.

RU Монтаж светильника должен осуществляться только квалифицированными лицами (сотрудниками)

FR Le montage et la mise en service doivent être réalisés par une personne qualifiée

PL Oprawy nie przykrywać matą izolacyjną lub innymi materiałami.

EN Do not cover the lighting fitting with an insulation mat or other materials.

DE Die Leuchte darf nicht mit einer Isolationsmatte oder einem anderen Material abgedeckt werden.

RU Светильник не накрывать изоляционным матом и другими материалами

FR L'appareil ne peut pas être couvert

PL Informujemy Państwa, że nasze towary są oznaczone zgodnie z Dyrektywą Europejską 2002/96/WE oraz polską Ustawą o zużytych sprzęcie elektrycznym i elektronicznym symbolem przekreślonego kontenera na odpady.

Takie oznakowanie informuje, że sprzęt ten, po okresie jego użytkowania nie może być umieszczany łącznie z innymi odpadami pochodzącymi z gospodarstwa domowego. Użytkownik jest zobowiązany do oddania go prowadzącym zbieranie zużytego sprzętu elektrycznego i elektronicznego. Prowadzący zbieranie, w tym lokalne punkty zbiórki, sklepy oraz gminne jednostki, tworzą odpowiedni system umożliwiający oddanie tego sprzętu. Właściwe postępowanie ze zużytym sprzętem elektrycznym i elektronicznym przyczynia się do uniknięcia szkodliwych dla zdrowia ludzi i środowiska naturalnego konsekwencji, wynikających z obecności składników niebezpiecznych oraz niekwalifikowego składowania i przetwarzania takiego sprzętu.

EN We would like to inform you that our products are marked in accordance with the European Directive 2002/96/CE and Polish Act on used electric and electronic equipment with a sign of a crossed-out waste container.

This mark informs about the fact that the device, after its application use, cannot be placed together with other types of household wastes. The user is obliged to return it to the entities conducting a collection of used electric and electronic equipment. The collection points, including local collection points, shops and municipal entities create a proper system making it possible for the return of the equipment. Proper processing with used electric and electronic equipment contributes to the avoidance of damaging consequences for the health of the inhabitants and natural environment which result from the presence of dangerous substances and improper storage and processing of such devices and equipment.

DE Dieses Gerät ist gemäß der EU-Richtlinie 2002/96/WE und dem polnischen Gesetz über Elektro- und Elektronik-Altgeräte mit dem Symbol „durchgestrichene Mülltonne“ gekennzeichnet.

Diese Kennzeichnung weist darauf hin, dass das Gerät nach Ablauf seiner Lebensdauer nicht zusammen mit anderen Hausabfällen entsorgt werden darf. Der Nutzer ist verpflichtet, das Gerät an diejenigen Entsorgungsträger zurückzugeben, die die Sammlung der Elektro- und Elektronik-Altgeräte durchführen. Die Entsorgungsträger, darunter lokale Sammelstellen, Geschäfte und kommunale Sammelstellen, bilden ein entsprechendes System, das die Rückgabe dieser Altgeräte ermöglicht. Die ordnungsgemäße Behandlung von Elektro- und Elektronik-Altgeräten trägt dazu bei, dass die für Mensch und Umwelt gefährlichen Auswirkungen, die durch gefährliche Substanzen sowie durch nicht ordnungsgemäße Lagerung und Weiterverarbeitung der Altgeräte entstehen, vermieden werden.

RU Это устройство имеет маркировку согласно Европейской директиве 2002/96/WE и польскому закону об использованных электрических и электронных приборах - символ перечёркнутого мусорного контейнера.

Такая маркировка информирует, что это оборудование, по истечении срока службы, не может выбрасываться вместе с остальными отходами домашнего хозяйства. Пользователь обязан отдать его тем, кто занимается сбором использованных электрических и электронных приборов. Учреждения, которые занимаются сбором, в том числе местные точки сбора, магазины или специальные подразделения на уровне гminy, создают соответствующую систему, которая позволяет сдать такие приборы. Правильные действия по отношению к использованным электрическим и электронным приборам позволяют избежать вредных для здоровья людей и окружающей среды последствий присутствия опасных ингредиентов, а также неправильного складирования и переработки таких приборов.

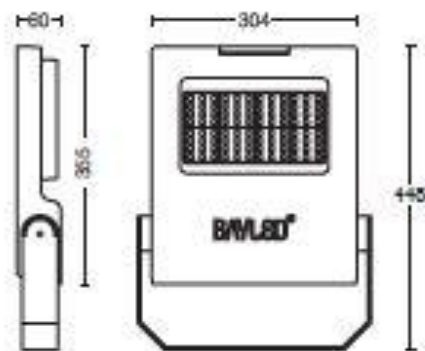
FR Cet appareil porte le symbole d'un conteneur à ordures bariqué, marquage conforme à la Directive européenne 2002/96/WE et à la Loi polonaise sur le recyclage des appareils électriques et électroniques.

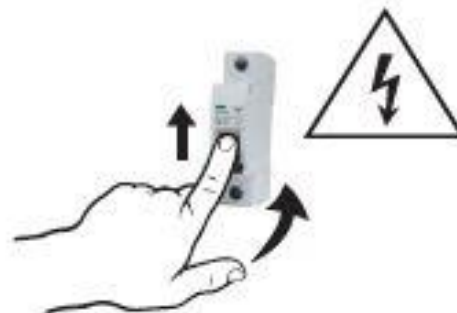
Ce marquage informe que l'équipement concerné ne peut, une fois hors d'usage, être jeté dans le même récipient que les ordures ménagères. L'utilisateur est tenu de le rendre aux services chargés de la collecte d'appareils électriques et électroniques hors d'usage. Les agents chargés de cette collecte, dont les points de collecte locaux, les magasins ou les municipalités, constituent un système adapté autorisant le dépôt de cet équipement. En appliquant les règles d'usage relatives à l'équipement électrique et électronique, vous contribuez à éviter des conséquences nocives à l'environnement naturel et humain, résultant de la présence dans ce type d'appareils d'éléments dangereux et de son entreposage ainsi que de son recyclage inadéquats.



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**50W / ... / 90W VERSIONS**0,10m²WIND
LOAD
K123-12m
HANGING
HEIGHT**DIMENSIONS****1****2****3**

SIRUS INSTALLATION INSTRUCTION**4****5****Power factor > 90% full load****#End of Report#**