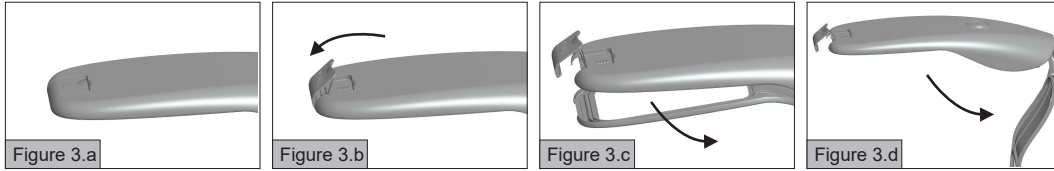
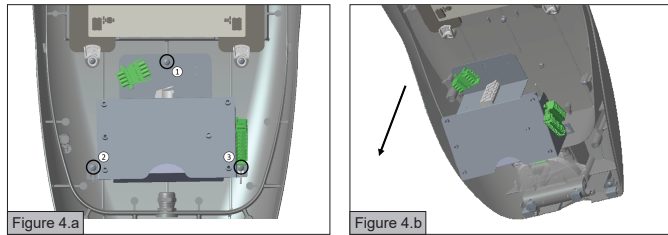


OPENING OF PRODUCT BOTTOM PART



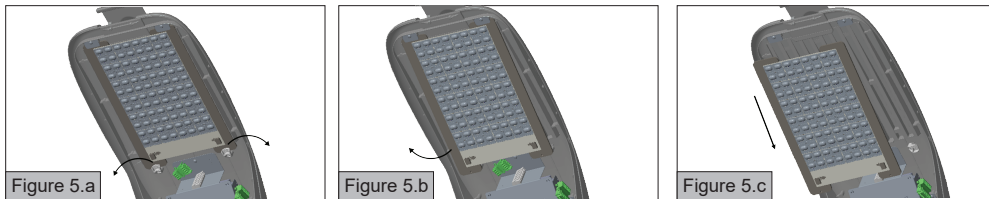
- Rotate the clip towards the arrow direction as shown in Figure 3.b.
- Release the bottom part slightly as shown.

TAKING OUT THE POWER UNIT



- Unscrew the three M4 screws as shown in Figure 4.a. Release the PSU bracket and pull it out (Figure 4.b).

REPLACING THE LED MODULE



- Rotate the plastic clips to the left and right towards the arrow directions as shown in Figure 5.a.
- Lift the LED module up slightly from the bottom side (Figure 5.b) and slide the module through the arrow direction to release (Figure 5.c).

WARNING!

- The fixtures can be mounted to the poles with diameter of 35-60mm by pole fixing bracket. No pole holder needed.
- For the poles with 60-76mm diameter, the fixtures can be mounted with an additional adaptor for top or horizontal position.
- The fixtures' outer surface areas that will be subjected to wind load are 0.45m² for Sardes S5; 0.62m² for Sardes S3 and 0.77m² for Sardes S2.
- Recommended mounting height range is 4m – 15m.



It must be made replacing any parts of product (as LED driver, LED Module, cable etc.) by manufacturer and authorized people.

LED STREET LIGHTING FIXTURE

S3F067L2N, S5F066L2N, S5F019L5N Street Lighting Fixture

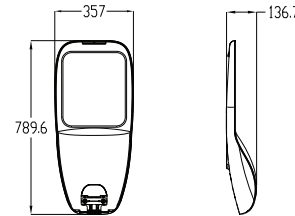


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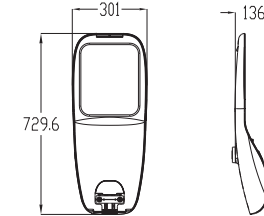
PRODUCT PHYSICAL PROPERTIES

S2 Product Dimen: 789,6x357x136,7



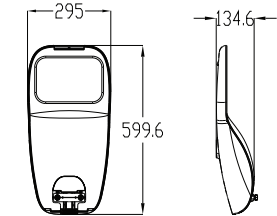
Mass : 10,3 Kg

S3 Product Dimen: 729,6x301x136



Mass : 8,5 Kg

S5 Product Dimen: 599,6x295x134,6



Mass : 6,5 Kg

ELECTRICAL SPECIFICATION

	Power	PF	Current	Ta	LED Qty
S2	106W	0,95	0,70A	50°C	96
S2	122W	0,95	0,80A	50°C	96
S2	138W	0,95	0,90A	50°C	96
S2	165W	0,95	1,05A	50°C	96
S3	50W	0,95	0,20A	50°C	80
S3	63W	0,95	0,25A	50°C	80
S3	76W	0,95	0,30A	50°C	80
S3	88W	0,95	0,35A	50°C	80
S3	102W	0,95	0,40A	50°C	80
S3	115W	0,95	0,45A	50°C	80
S3	128W	0,95	0,50A	40°C	80
S5	24W	0,90	0,35A	50°C	20
S5	29W	0,90	0,45A	50°C	20
S5	36W	0,95	0,55A	50°C	20
S5	43W	0,95	0,65A	50°C	20
S5	49W	0,95	0,75A	50°C	20
S5	56W	0,95	0,85A	50°C	20
S5	63W	0,95	0,95A	50°C	20
S5	70W	0,95	1,05A	40°C	20

PACKAGE CONTENTS

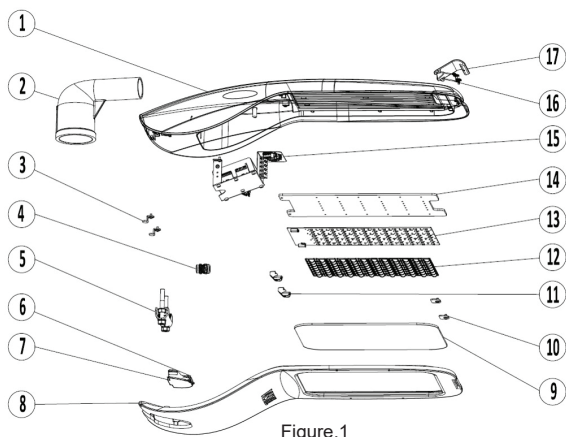


Figure.1

NO	DEFINITION	PIECE
1	TOP BODY - AL CAST	1
2	POLE HOLDER ADAPTOR (OPTIONAL)	1
3	BOTTOM FIXING BRACKET	2
4	CABLE GLAND	1
5	SCREW M10	2
6	SPIRIT LEVEL	1
7	CLEAT BOTTOM CLAP	1
8	BOTTOM BODY - AL CAST	1
9	TEMPERED GLASS	1
10	PCB FIXING BRACKET	2
11	CLIPS PLASTIC	2
12	LED MODULE LENSES	VARIES
13	PCB-LED MODULE	1
14	PCB PLATE	1
15	POWER UNIT	1
16	CLIPS WIRE	1
17	CLIPS - AL DIE CAST	1

SAFETY WARNINGS

- Assembly/disassembly of the product must be performed by trained personnel. The product might cause risk of injury upon falling.
- Do not use the device if it fell on the ground or was subjected to shock. There is the risk of malfunction.
- If the device turns off by itself or does not operate correctly, do NOT try to repair the device by yourself. Please contact authorized service.
- Do not look at the product directly when it is operational. Strong lighting might lead to problems in vision.
- Do NOT cover the device with paper or clothing or place it near flammable materials. Otherwise, risk of fire might occur or device may malfunction.
- Leave a clearance between the device and the object to be illuminated. If the distance is too low, discoloration or deformation of the material might occur, or fire can start.
- Do not use the device for any purpose other than lighting.
- ⚡ Sign must be used in the connector inlet of the cable to be connected to mains ground.
- The cable with this sign must be connected the grounding conductor from the mains.
- Product complies with WEEE regulation.

CAUTION!

- Do not clean the device surface with flammable materials like alcohol, benzene or acetone.
- Do not use the device in environments where abrasive gases are present.
- When installing the device, make sure that the power connection is off.
- In case of LED driver malfunction, it should be replaced with the same LED driver. LED driver replacement should only be made by authorized service.

- Connection to power circuit must be performed by authorized service personnel. The related mains connection of the LED driver should be made in accordance with the electrical installation regulation of the related country using suitable connector, clip, terminal etc. connection elements. Authorized service personnel is responsible for using protective components like circuit breaker or fuse box, provide the necessary insulation materials according to the installation regulation during the mains connection and take precautions against any possible electrical shock. If the outer elastic cable or cord of this product is damaged, it should be replaced with a new cable. This operation must be conducted only by authorized service or the manufacturer. The product surface might get hot when in operation. The product should not be touched without cutting off the power and letting it cool down first.

- Ensure that all connections are made.

- The cable necessary for connection to entry terminals must be H05RN-F and have cross section of 3x1mm² or 3x1,5mm².

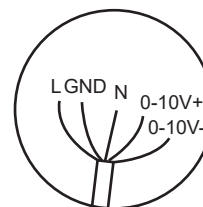
MAINS CABLE CONNECTION

- The line cable from the power mains should be connected to the L pin on the inlet plug, and the neutral cable from the mains should be connected to the N pin on the inlet plug.
- The stabilization duration for the product following its plugging in is at minimum 1 hour.

DIM Option

The cable necessary for connection to entry terminals must be H05RN-F and have cross section of 5x1mm². The LED driver on the product must be equipped with a heat protection of the type that automatically comes to the startup position.

0 - 10V DIM voltage must be provided from SELV source. + terminal of DIM source should be connected to + terminal of DIM INPUT 0-10V of PSU and - terminal of DIM source should be connected to - terminal of DIM INPUT 0-10V of PSU.



L	= Brown
N	= Blue
GND	= Yellow-Green
0-10V-	= Black
0-10V+	= Grey



- 3 - Line
- N - Neutral
- GND - Ground
- 1 - DALI +
- 2 - DALI -

PRODUCT INSTALLATION

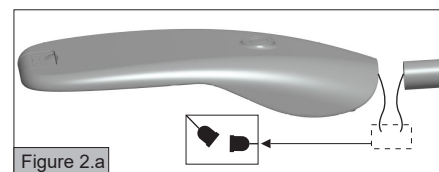


Figure 2.a

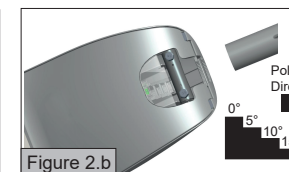


Figure 2.b

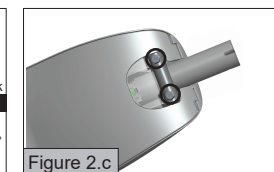


Figure 2.c

- Connect the power cable of the fixture to the AC main line (Figure 2.a).
- The fixture can be mounted at any desired angle between 0° and 15° with 5° steps with the help of cascading structure (Figure 2.b).
- Tighten the M10 bolts with the torque value min. 15.6Nm and max. 18Nm and ensure the stability.