

# SURFACE MOUNTED LED DOWNLIGHT OPERATING INSTRUCTIONS

## PACKAGE CONTENT

- 1- Led driver
2. Connection cable between Led driver and downlight
- 3- Led downlight

## PRODUCT DRAWING

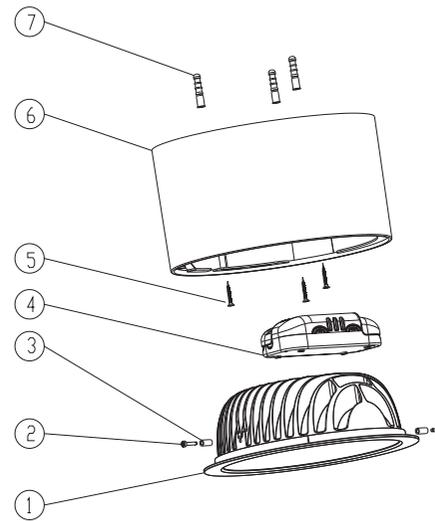


Figure.1

NO	PART DESCRIPTION	PIECES
1	DOWNLIGHT PRODUCT	1
2	REEL SCREW	2
3	5X12 REEL	2
4	PSU	1
5	DOWEL SCREW	3
6	SURFACE MOUNTED BODY	1
7	PLASTIC DOWEL	3

## SAFETY WARNINGS

The product shall be mounted/dismantled on the ceiling by the trained personnel. When the product falls, it may cause a risk of injury.

Do not use the device if it is clammy or covered with dust. It may cause damage to the product it carries the risk of electric shock.

Do not use the device if it is dropped or exposed to a shock. Risk of erroneous operation.

If the device is closed automatically or if it is not working properly, do not try to repair the device yourself. Please contact authorized service.

Do not look directly at the product while it is in operation. Strong light might lead to sight problems.

Never cover the device with paper or cloth; do not place it near the combustible materials, otherwise it may cause the fire or the device may operate improperly. Keep a distance between the device and the item to be illuminated. If the distance is very little, it can cause discoloration or deformation of the item or fire.

Do not use the device for any duties except for illuminating.

When more than one fixtures are controlled with the dimmer, it may not operate properly in the minimum specification. This changes as per the dimmer to be used in the product.

In case of fluctuation on the AC input, dimming operation may not be performed completely in low voltage values.

It is not applicable to cover the product with thermally insulating materials.

The product complies with WEEE Regulation.

## WARNING

Do not clean the surface of the product with flammable materials such as alcohol, gasoline or acetone.

Do not use the device in an atmosphere of corrosive gasses.

When installing the device, make sure the power supply is off.

If Led driver is damaged, it should be replaced by a same type led drive.

Mains connections should be done by technical service personnel. The related network connections of the led driver should be made in accordance with the respective country's regulations on electrical installations with fasteners such as connectors, terminals, terminal etc. which fit with the cable section used. Authorized service personnel is responsible for installing required protective devices such as circuit breaker and fuse box, maintaining required insulation clearances between the conduits, and taking necessary precautions against electrical shock that could be caused necessary precautions against electrical shock that could be arising because of these connections. If outer elastic cable or cord is damaged, it should be replaced by a new one. This task can only be done by technical service or the manufacturer.

Surface of the product can be hot when operating. Do not touch the product unless you turn its power off and let it cool down.

Cable required for connecting power supply to input terminals must have It shall comply with H03VV-F specifications and shall have a cross-section of 0.75 mm<sup>2</sup> -1 mm<sup>2</sup>.

Led drive of this product features automatic reset function and thermal protection.

o Led drive has a thermal protection up to 110°C.

## CEILING INSTALLATION INSTRUCTIONS

### INSTALLATION INSTRUCTIONS

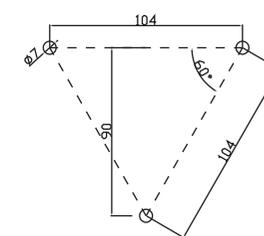


Figure.2

1. Drill three holes, on the surface where the product shall be installed (by centering the electrical connection), on the positions specified in Fig. 2, with a diameter of 7mm and a depth of 35mm

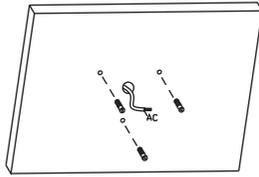


Figure.3

2. Place three dowels provided with the product on the holes. (Fig. 3)

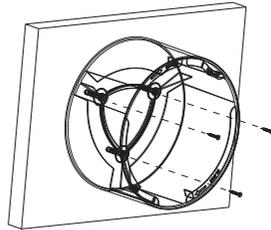


Figure.4

3. Align the product with the holes, and install dowel screws provided with the product (Fig. 4).

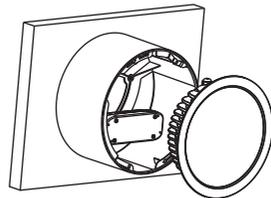


Figure.5

4. Place PSU first, and then the product inside the surface mounted body. (Fig. 5)

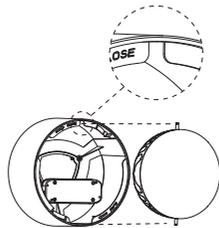


Figure.6

5. Align the pins of the product to the gap indicated by the arrows on the body and place them on the body and rotate clockwise until a locking sound is heard. (Figure.6)

## CONNECTION DIAGRAM

This product is designed as class 2.

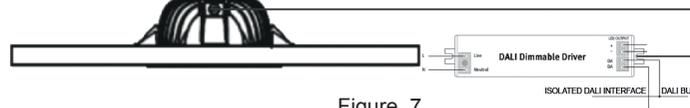


Figure. 7

PSU has a DALI option. DALI voltage shall be supplied from a SELV supply. DA+ and DA- inputs of DALI supply shall be connected to the DALI INPUT DA pins of PSU. DALI option is available for 6" and 8" downlight.



Figure. 8

"Line cable from the mains shall be connected to the L pin on the AC IN side of the PSU, and neutral cable from the mains shall be connected to the N pin on the AC IN side. Cable between the PSU and the product is as shown in Fig. 8. Brown cable shall be connected from LED + pin of the PSU to the + pin of the product. And the blue cable shall be connected from the LED - pin of the PSU to the - pin of the product."

