**SAFETY WARNINGS**

The product shall be mounted/dismantled by trained personnel. Risk of injuries if the product falls down.

Do not use the device if it is clammy or covered with dust. Product can get damaged and it carries the risk of electric shock.

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

If the device is turning off or not operating properly, never attempt to repair the device by yourself. Please contact authorized service.

Do not look directly at the product while it is in operation. Strong light can cause visual problems.

Do not use the device for any purposes other than illuminating.

It is not applicable to cover the product with thermally insulating materials. The product complies with WEEE Regulation.

**CAUTION**

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 gases.

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.

Main connections should be done by technical service personnel. For the mains connections, all installations of connectors, terminals, etc. should be in accordance to the cable cross section and local wiring regulations. Authorized service personnel, mains.

Authorized service personnel are responsible for installing required protective devices such as circuit breaker and fuse box, maintaining required insulation clearances between the conductors, and taking necessary precautions against electrical shock that could be rising because of these connecti-

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**PACKAGE CONTENT**

**NO** | **PART DESCRIPTION** | **PIECES**
---|---|---
1. | METAL FRAME (Optional) | 1
2. | PLASTIC FRAME (Optional) | 1
3. | OPTIC PLATE | 1
4. | REFLECTIVE SURFACE | 1
5. | LED BOARD HOLDER | 11
6. | LED BOARD | 13
7. | METAL CASING | 1
8. | METAL CASING FASTENER | 4
9. | SCREW | 4
10. | CABLE FASTENING COMPONENT | 1
11. | POWER UNIT | 1
12. | CONNECTOR | 1

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**OPERATING MANUAL**

**VERSION DIMENSIONS FOR THE APPLIANCE**

**NO** | **PART DESCRIPTION** | **PIECES**
---|---|---
1. | CORNER COVERS | 4
2. | FRONT FRAME | 1
3. | PLASTIC FRAME | 1
4. | OPTIC PLATE | 1
5. | REFLECTIVE SURFACE | 1
6. | LED BOARD HOLDER | 11
7. | LED BOARD | 13
8. | METAL CASING | 1
9. | METAL CASING FASTENER | 4
10. | SCREW | 4
11. | CABLE FASTENING COMPONENT | 1
12. | POWER UNIT | 1
13. | CONNECTOR | 1

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**SURFACE MOUNTED**

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**PLASTER CEILING**

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**LED PANELLIGHT PL02**

**OPERATING MANUAL**

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INSTALLATION INSTRUCTIONS

TILE CEILING / 625x625
1. After unpacking the product, it is mounted at its location on the false ceiling, metal frame and optic plate facing down.
2. Wiring should be as shown in Fig. A.

CEILING TOP
1. Fix ceiling fastener component onto the ceiling with 4 ceiling fastener screws and 4 expansion bolts. (Fig. 7, Fig. 8)
2. After fixing, mount the corner covers in the direction of OK. (Fig. 9)
3. View after mounting the covers. (Figure 10)
4. The view after mounting should be as in Fig. 11. (Fig. 11)

PLASTER CEILING
1. Place the product under the hole to be installed. (Fig. 12)
2. Install two ceiling fittings until they touch the bracket part, in the direction of the arrow. (Figure 13)
3. Product will be placed inside the hole in the direction of the arrow. (Fig. 14)
4. Once installation is finished, it must be looking like figure 14. Surface mounted and flush mounted views are as in Figure 14.

PL02 EMG 25W appliance's flux rate is 250lm.

EMG TEST CONNECTION PATTERN
Line (L1) connector emergency test switch is the mains input, shall be connected directly to the mains and shall be self resetting push switch.
Line (L2) connector is the AC mains input. L2 connector input can be used to switch the appliance.
The Line cable from the mains shall be connected to the L pin to the connector, neutral cable shall be connected to the N pin. This connection couples shall be the same for L1 and L2.
The installation shall be completed by authorized personnel only.

POWER FACTOR
0.85

Note: For the appliances having EMG, the consumed power is increased 3W, the input current rate is increased by 15mA.

CLIP-IN
1. Product shall be mounted in the direction of the arrow so that forms on the frame enters between the carrier profiles. (Figure 15)
2. Product shall be mounted in the direction of the arrow so that forms on the frame enters between the carrier profiles. (Fig. 16C)
3. Z Bracket shall be installed as seen in the figure on the side. (Figure 17)

CONNECTION DIAGRAM

DIM Option
This option is class II.
Line DC Output (-) DC Output (+) Dim (-) Dim (+)
Neutral

VESTEL LED PSU

PSU has a DIM option. DIM voltage must be supplied from a SELV power supply. Dim+ and Dim- inputs of DIM source should be connected consecutively to Dim+ and Dim- inputs of PSU.

Step DIM Option
This is a class II option.
The cable connection of this option is identical to the standard product. After the fixture is energized, it is de-energized and then energized, it operates in 100% and 50% power consumption level respectively. As the fixture is de-energized and re-energized, the 100% - 50% 100% cycle will resume.

NOTE: During the first installation make sure that all appliances are at the same DIM level.

DALI Option
This option is also class II as DIM option. Mains connections are the same for DALI and DIM options, as shown in the figure above, the products do not have grounding connections.

Line and neutral cables of the mains should be connected to L1 and N terminals respectively. DA+ and DA inputs of the DALI source should be connected consecutively to DALI INPUT DA+ and DALI INPUT DA inputs of PSU.

CELING TYPES THAT THE APPLIANCE IS SUITABLE ARE BELOW.

THE CEILING TYPES THAT THE APPLIANCE IS SUITABLE ARE BELOW.

• Battery replacement shall be done by authorized service only.
• Once every six months, power supply of the appliance should be cut-off for a few minutes and emergency lighting operation period should be tested. (Period Test)
• Battery replacement shall be done by an authorized personnel.
• The appliance should be operated at least 48 hours following to installation.
• Charging period for the battery of emergency lighting is 24 hours.
• When the mains voltage is normal, product operates through its led drive. When mains voltage is missing, emergency lighting kit activates and turns on emergency Leds supplying power over its battery. When mains voltage restores, the battery will be re-charged automatically.
• Discharge period for emergency lighting battery is 120 + 30 minutes. If actual discharge period is lower, the battery should be replaced by a new one. The batteries should be disposed in recycling bin.

For the appliances having emergency lighting kit:
• the appliance should be operated at least 48 hours following to installation.
• Charging period for the battery of emergency lighting is 24 hours.
• When the mains voltage is normal, product operates through its led drive.
• When mains voltage is missing, emergency lighting kit activates and turns on emergency Leds supplying power over its battery.
• When mains voltage restores, the battery will be re-charged automatically.

L1 L2

The cable enters between the carrier profiles. (Fig. 16C)