THE CONTENTS OF PACKAGE

1- Panel Light 60x120

1. Metal Frame
2. Diffuser Plate
3. Reflector Sheet
4. LED PCB
5. LED Card Snap Rivet
6. Metal Body
7. Connector
8. Sealing
9. Power Supply Unit

SAFETY PRECAUTIONS

The product must be properly installed in / uninstalled from the ceiling by a technical staff otherwise it may drop and cause injury.

Do not use if the product is wet or dusty, there is a risk of malfunction and/or electric shock.

Do not use if the product has been dropped or exposed to shock, there is a risk of product malfunction and/or electric shock.

Do not disassemble the product to repair or inspect, there is a risk of product malfunction and/or electric shock.

Do not look at the product directly when turned on.

Do not cover the product with clothes or paper and do not place it near inflammables. There is a risk of fire or malfunction of device.

Keep distance between the product and the object to be lightened. Short lighting distance may cause discoloration and/or deformation of the object or may cause fire.

Do not use the product for purposes other than lighting.

Do not cover the product with thermally insulating material.

Product complies with the WEEE Directives.

WARNINGS

Do not clean the product with inflammables, such as alcohol, benzene, and acetone.

Do not use the product in mediums with corrosive gases.

Make sure to cut off the main power during installation.

If the LED driver is broken it must be replaced with an identical model.

The connection to the electrical network should be done by authorized personnel. LED driver must be connected to the power network with proper components such as connectors and terminals in junction with the local regulations. Authorized personnel is responsible for using protectors such as circuit breakers and fuse boxes in order to provide isolation between conductors and taking precautions to avoid any electrical shock that could be happen. If the exterior electrical cable or cord of product is damaged, it must be changed with a new one. This operation must be carried out by authorized service or manufacturer.

Products surface may be hot during operation. Don’t touch the surface before turning off the device.

Required flexible cable, types H03VV-F/H05VV-F with cross sectional area: 3x0.75mm² - 3x1.5mm².

Even in the same models of the product, lighting output may vary since binning values of LEDs may vary.

Be sure that all the connections are fixed.

Led driver of this product has thermal protection with automatic reset function.

Thermal protection of the LED driver is up to 110 Celcius degree. This complies with code C5 of IEC/EN 61347-1.

Dmx and Dali functions are optional.

Devices with Dmx include 3 line Dmx cable which must be connected to a Dmx512 compliant source.

Devices with Dali include 2 line Dali cable which must be connected to a Dali protocol compliant source.

Emergency kit is optional. For devices with emergency kit:

• After the installation device must be on for at least 48 hours.
• Green charge led is on if the device is supplied by AC line.
• The device is supplied by battery of the emergency kit when AC is off. When AC is on, the device turns back to normal operation and the battery is recharged.
• Battery discharge time is about 150+-30 minutes. The battery should be replaced if discharge time is below that. Do not dispose batteries.
• The device should be tested by cutting down the supply voltage for several minutes once a month. (Function Test)
• Emergency kit should be tested by cutting down the supply voltage for several minutes semiannually. (Time Test)

INSTALLATION INSTRUCTIONS

1- After taking out of its package, The Luminaire must be prepared to install for the location which arranged for it with PSU facing upwards.

2- The Cabling must be checked and prepared for the installation.

3- After the cable installation, The Luminaire must be let in the ceiling slot with Diffuser Plate facing downwards.
CABLE CONNECTION INSTRUCTIONS

Led driver cable connections should be fixed as shown in Figure 7. Earth line of main should be connected to where the ground sign is placed. Line and neutral cables of main should be connected to terminal block where L1 and N is placed respectively.