

INSTALLATION INSTRUCTIONS FOR SLIM LED WALL PACK WITH BATTERY BACKUP OPTION



IP65



Approvals

This product is designed to conform to relevant standards, IEC60598-1, IEC60598-2-22, EN61347-1, EN61347-2-13, EN61347-2-7, EN61000-3-2, EN61000-3-3, EN 62471, EN62493, EN55015.

Specification

Power Supply : 220-240VAC, 50/60 Hz
Charge time : 24 hours
Discharge time : 1 hour
Power Consumption : 17W
Ta (ACEM model) : 0°C...+40°C

Operation : ACEM
IP Rating : IP65
Test Facility : AUTO test
Lumen output : 600 lm (emergency)

Precautions

This product should be installed by a registered electrician in accordance with local standards and electrical regulations. Take care to ensure the mains supply is isolated before installation.

RISK OF FIRE-Required clearance from structural members and building elements, SCB=0mm HCB=0mm.

Service & Operation

Normal Operation:

The green indicator light on face plate stays on. The LED will go out if the mains supply fails, the internal charger malfunctions, or the unit in test mode.

Battery:

Sealed Ni-MH rechargeable battery pack. Battery should be replaced when the required duration is no longer achieved.

To avoid any damage to the fixture and ensure its performance, the battery should be replaced with same brand and type.

Test Switch:

Press the test switch button, LED indicator will go out and the sign will be illuminate from its battery pack.

Open fixture



Fig 1

Technical Information

Art.no.	Input Voltage	Charge Duration	Discharge Duration	Battery	Power Consumption	LED	Lumen output (AC mode)	Lumen output (EM mode)
960616	220-240V~50/60Hz	24 h	1 h	Ni-Mh, 7.2V 2Ah	17W	SMD 3535 3W 8pcs	1600 lm (cold white)	600 lm

Mounting Instructions

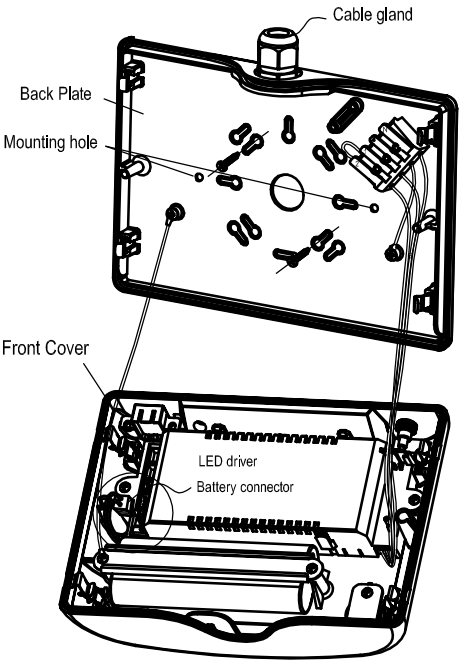


Fig. 3

1. Use flat blade screwdriver insert the two slots and make rotation then remove front cover from back plate (see Fig 1).

2. Remove hole plug from top of unit, replace with NPT 1/2" cable gland for top power feed(see Fig 3).

3. Drill mounting hole on back plate, fix back plate on wall by screws.

4. Feed building supply wires through cable gland.

5. If unit for indoor use, building supply wire can feed from center hole, need remove center knockout hole on back plate(See Fig 2).

6. Make correct wiring connector(see Fig 4).

7. Plug battery male connector into battery female connector on LED inverter.

8. Make correct heater pad connection if unit have heater pad option (see instruction for heater pad).

9. Snap the front cover on the back plate.

10. Restore power and press test button, LED heads will turn on.

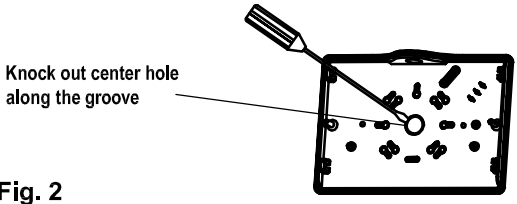


Fig. 2

Knock out center hole along the groove

Luminaire ON / OFF Control Facility

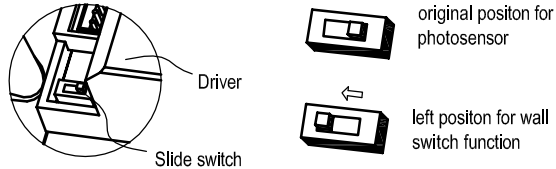
1, Standard(default) facility, luminaire on/off control by photosensor, if ambient Illumination< 10Lx luminaire turn on automatically, if Illumination >30Lx, luminaire turn off.
Photosensor facility can change to Wall switch control unit, remove jumper calbe, connect external wall switch device between terminal 1 and 2 (see Fig 4).

2, Photosenor & PIR facility, luminaire control by photosensor& PIR, if ambient Illumination< 10Lx , PIR sensor detect human move, luminaire turn on, stay on 2minutes, PIR sensor do not detect human move, luminaire keep off.
If ambient Illumination >30Lx, luminaire keep off.

When normal supply fail, luminaire will convert to emergency.

Photosensor convert to Wall Switch

1, Put slide switch knob to left position, photosensor convert to wall switch facility.



2, Remove jumper,connect wall switch on terminal 1 ,2.
If leave jumper calbe on terminal block, luminaire always ture on on normal supply.

Wiring Connector

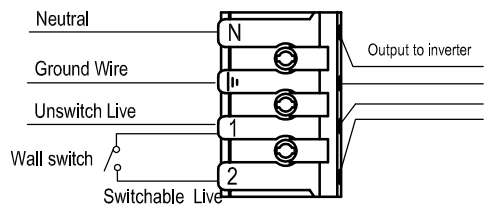


Fig 4

Neutral

Ground Wire

Unswitch Live

Wall switch

Switchable Live

Output to inverter

Photometric

Mounting height	Center to center distance
2.5m	18m
3.0m	20m
3.5m	22m

Compliant EUROPE standard EN1838 Illuminance requirement:
Escape route up to 2 m wide, 1 lx on the central axis
and 0.5 lx at 50% of the width.

Fig 5

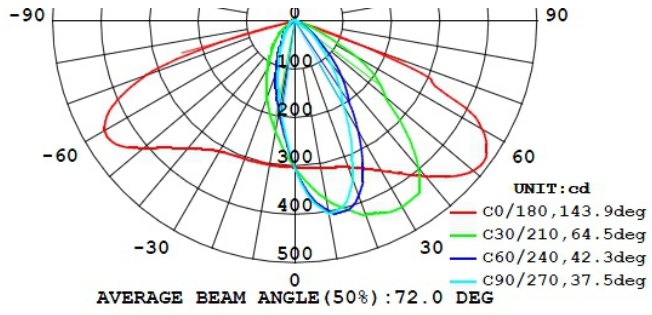


Fig 5