

CCT Selectable EM Back up Panel Installation Guide



Safety Information

WARNING: RISK OF SERIOUS INJURY AND PROPERTY DAMAGE

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards, be sure to read all warnings and instructions included with and on the fixture box and all fixture labels.
- The installation, service and maintenance of luminaires must be performed by a qualified licensed electrician.
- Do NOT install damaged product.
- **Make sure power is turned off at the breaker.**
- Turn off the electrical power at fuse or circuit breaker box before any installation work.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- Do NOT use any input power except the voltage specified on the Product Specifications.
- Do NOT install in a wet environment.
- Ensure that all electrical and grounded connections are in accordance with the National Electrical Code or your local code requirements.
- All wiring connections should be capped with UL approved wire connectors.
- Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing, or performing maintenance.
- Avoid direct eye exposure to light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.
- Ensure the fixture is properly secured to ceiling, T-bar grid, using wire or aircraft cable capable of supporting 100 lbs. minimum (wire/cable not included).
- Do NOT use this product for any purposes other than what is specified.

CAUTION: RISK OF FIRE

- Keep combustible and other materials that can burn away from luminaire and lamp/lens.
- MIN 90 SUPPLY CONDUCTORS.

Product Specifications

Part Number	Model Number	Panel Size (ft.)	Input Voltage (VAC)	Input Frequency (Hz)	Input Current (mA)	Input Wattage (W)	Lumens (lm)	CCT (K)
70692	LED Panel BP22-W40-3CCT-EM	2x2	100-277	60	440-158	40	4400	3500K/4000K/5000K switchable
70693	LED Panel BP24-W50-3CCT-EM	2x4			550-199	50	5500	

Emergency Mode

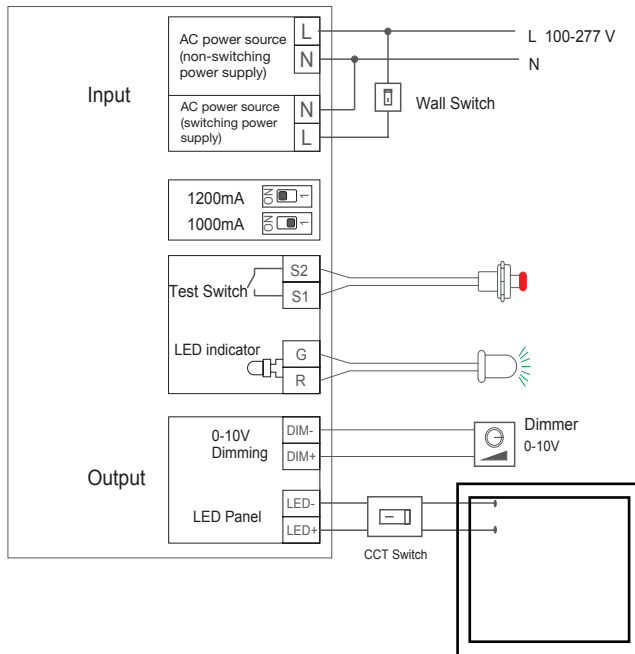
Emergency Wattage (W)	Lumens (lm)	Charging Time	Time in Emergency Mode
8	1100	>24 Hours	>90 Minutes

- Operating Temperature: -4°F to 104°F (-20°C to 40°C)
- Suitable for damp locations

CCT Selectable EM Back up Panel Installation Guide



Wiring Diagram



Drawings and pictures are for illustration purpose only.
The model you have may vary.

Before Installation

- Ensure that the distance between the T-bar and the actual ceiling is large enough for installation.
- Ensure that the T-bar grid size will accommodate the panel frame dimensions shown below.
- Weight load capability of T-bar framework should be verified.

Panel Size	Frame Size		Height		Weight	
	inch	mm	inch	mm	lbs	kg
2x2	23.7 x 23.7	603 x 603	3	77.5	7.96	3.61
2x4	23.7 x 47.7	603 x 1212			12.68	5.75

Mounting Instruction

Recessed Mount

1. Remove the ceiling tile at an appropriate location where the product is to be installed.
2. Put product into the ceiling channel and properly align it on the frame.
3. Bend hang buckle by 90°. Set it vertical to the rear cover of panel. Bend hang buckle's top part by 90°. Do the same for all the hang buckles.
4. If necessary, secure panel to the ceiling with aircraft cable or wires capable of supporting 100lbs minimum (wire/cable not included).
5. Remove the screw on driver cover. Connect main power supply and dimming control lines through terminals according to wiring diagram.
6. Re-install driver cover onto driver housing and secure in place with a screw.
7. Select desired CCT with switch near driver housing and restore power.