

Job Name:	Contact:
Ordering Code:	Fixture Type:

Inverter

Description



Iota Engineering's UL Listed sine wave output inverter will provide power to operate a designated LED fixture on emergency power at the full nominal lumen rating during the full 90-minute emergency discharge cycle. The inverter shall allow for the connected emergency fixture to be normally on, normally off, switched or dimmed without affecting lamp operation during a power failure and will supply 120 or 277 VAC (slide-switch selectable output) power to operate up to a 50W total connected load for not less than 90 minutes. Long life high temperature recyclable Ni-Cad battery in galvanized steel case. Includes test switch and charge indicator accessory kit. 5-Year warranty.

Specifications

Iota Part Number	IIS-50-I
Input Voltage (Universal):	(Dual) 120/277V, 60Hz
Input Rating (120/277):	60 Watts
Output Voltage:	(Slide switch selectable) 120/277V, 60Hz
Output Power:	50 Watts (@ .9 leading to .9 lagging PF)
Emergency Operation:	90 minutes
Operating Temp: Battery:	0° to 50° C
	High Temp Nickel-Cadmium
	24 Hour Recharge
	7-10 Year Life Expectancy

Mounting

Inverter provided with a 3' flexible conduit and to be mounted independently from the fixture (up to 250ft away) for all fixture mounting options NC/IC/ICAT/CP/RET. It is recommended to have above ceiling access for maintenance of the emergency driver. Optional T-grid mounting kit available (p/n 76066). Solid-state indicator light and single-pole test switch with white mounting faceplate also provided and must be mounted remotely.

Listings

- UL 924 Listed for US and Canada
- CSA C22 No. 141 Unit Equipment for Emergency Lighting
- Meets or exceeds all National Electrical Code and Life Safety Code Emergency Lighting Requirements
- Listed for use in damp locations.
- Qualified to NEMA 410 standards

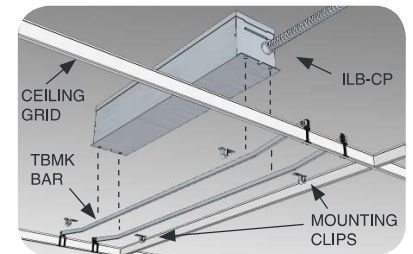
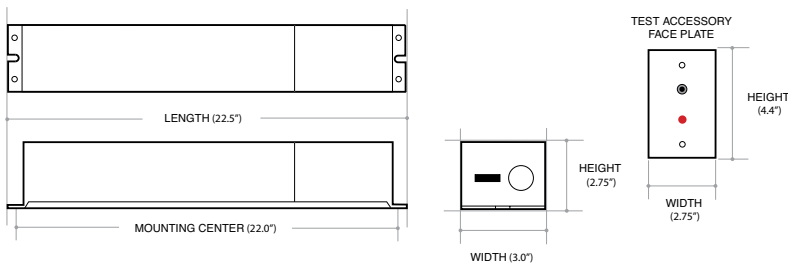
Ordering Codes

Please order Inverter as a separate item.

Part Number	Type
P70490-50W	Inverter, 90 minutes at up to 50 Watts to Fixture

Accessory

76066 Optional T-Grid Mounting Kit¹



1. Must be ordered as a separate line item.