

Technical Datasheet

Model Name : ENLIGHT 40-0800-PL-2DS
Model No. : 040C0800YEC
Description : Constant Current LED Driver (Isolated)
BIS Approbations : IS 15885 (Part 2 / Sec 13)
BIS Status : In Process



Technical Specifications:

Category	Parameters	Specifications
Features	Output Type Dimming Type IP Grade Insulation Class Application	Constant Current Non Dimmable IP 20 Class II Indoor
Input	Rated Input Voltage Operating Input Voltage Frequency Input Current Input Power Power Factor ATHD No Load / Standby Power Galvanic Isolation (Input to Output) Input Overvoltage Protection Input Under voltage Protection	220 - 240VAC 160-265VAC 50-60Hz 0.159A 37W >0.95 <10% <0.5W 1.5KV >327VAC ±10VAC <80VAC ±5VAC
Output	Output Current Output Voltage Output Power Current Tolerance Efficiency Current Ripple Overload Protection Open Circuit Protection Short Circuit Protection	500-800mA 22-40VDC 20-32W <5% ≥85% @ 100% load (240VAC) <30% Yes Yes Yes
Environment & Protection	Ambient Operating temperature Range Storage Temperature Max Case Temperature Surge Protection 440VAC Protection	0°C - 50°C -20°C to +80°C 85°C 4KV 4Hrs
Construction	Connection PRI Wire Preparation SEC Wire Preparation Dimensions Weight	Connector 2pole 45° push-in with release key 8.5-9.5mm Strip length (0.5-1.5sqmm) 8.5-9.5mm Strip length (0.5-1.5sqmm) 97x43x30MM 131Gms

Dip Switch Combination:

Combination	SW1	SW2	Output
1	OFF	OFF	500mA
2	OFF	ON	600mA
3	ON	OFF	700mA
4	ON	ON	800mA

Wiring instructions:

- All connections must be kept as short as possible to ensure good EMI behavior
- Mains leads should be kept apart from LED Driver and other leads (ideally 5 . 10 cm distance)
- Advice the maximum length of output wires is 2Mtrs.
- Incorrect wiring can damage LED modules.
- The wiring must be protected against short circuits to earth (sharp edged metals parts, metal cable clips,louwer, etc.)

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