

Technical Datasheet

Model Name : ENLIGHT PLUS 40-0800-PL-2DS
Model No. : 040C0800XEC
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	Constant Current
	Dimming Type	Non Dimmable
	IP Grade	IP 20
	Insulation Class	Class II
	Application	Indoor
Input	Rated Input Voltage	220 - 240VAC
	Operating Input Voltage	160-265VAC
	Frequency	50-60Hz
	Input Current	0.159A
	Input Power	37W
	Power Factor	>0.95
	ATHD	<10%
	No Load / Standby Power	<0.5W
	Galvanic Isolation (Input to Output)	1.5KV
Output	Input Overvoltage Protection	>327VAC ±10VAC
	Input Under voltage Protection	<80VAC ±5VAC
	Output Current	500-800mA
	Output Voltage	28-40VDC
	Output Power	20-32W
	Current Tolerance	<5%
	Efficiency	≥85% @ 100% load (240VAC)
	Current Ripple	<30%
	Overload Protection	Yes
Environment & Protection	Open Circuit Protection	Yes
	Short Circuit Protection	Yes
	Ambient Operating temperature Range	0°C - 50°C
	Storage Temperature	-20°C to +80°C
	Max Case Temperature	85°C
Construction	Surge Protection	4KV
	440VAC Protection	4Hrs
	Connection	Connector 2pole 45° push-in with release key
	PRI Wire Preparation	8.5-9.5mm Strip length (0.5-1.5sqmm)
	SEC Wire Preparation	8.5-9.5mm Strip length (0.5-1.5sqmm)
	Dimensions	182x30x24MM
	Weight	110Gms

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, louver, etc.)

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