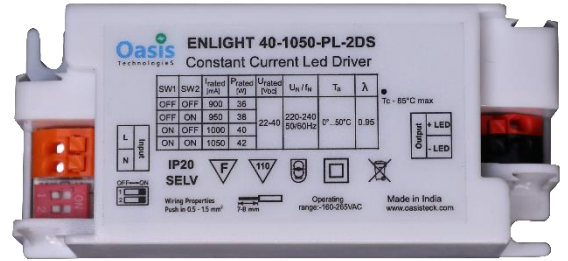


## Technical Datasheet

**Model Name** : ENLIGHT 40-1050-PL-2DS  
**Model No.** : 040C1050YEC  
**Description** : Constant Current LED Driver (Isolated)  
**BIS Approbations** : IS 15885 (Part 2 / Sec 13)  
**BIS Status** : In Process



### Technical Specifications:

Category	Parameters	Specifications
<b>Features</b>	Output Type	Constant Current
	Dimming Type	Non Dimmable
	IP Grade	IP 20
	Insulation Class	Class II
	Application	Indoor
<b>Input</b>	Rated Input Voltage	220 - 240VAC
	Operating Input Voltage	160-265VAC
	Frequency	50-60Hz
	Input Current	0.209A
	Input Power	49W
	Power Factor	>0.95
	ATHD	<10%
	No Load / Standby Power	<0.5W
	Galvanic Isolation (Input to Output)	1.5KV
Input Overvoltage Protection	>327VAC ±10VAC	
Input Under voltage Protection	<80VAC ±5VAC	
<b>Output</b>	Output Current	900-1050mA
	Output Voltage	22-40VDC
	Output Power	36-42W
	Current Tolerance	<5%
	Efficiency	≥85% @ 100% load (240VAC)
	Current Ripple	<30%
	Overload Protection	Yes
	Open Circuit Protection	Yes
Short Circuit Protection	Yes	
<b>Environment &amp; Protection</b>	Ambient Operating temperature Range	0°C - 50°C
	Storage Temperature	-20°C to +80°C
	Max Case Temperature	85°C
	Surge Protection	4KV
	440VAC Protection	4Hrs
<b>Construction</b>	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	97x43x30MM
	Weight	131Gms

**Dip Switch Combination:**

Combination	SW1	SW2	Output
1	OFF	OFF	900mA
2	OFF	ON	950mA
3	ON	OFF	1000mA
4	ON	ON	1050mA

**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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