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|---|---|--|
| <ul style="list-style-type: none"> <li>• Constant Voltage LED Driver</li> <li>• Output Wattage: 60W</li> <li>• Output Voltage 12Vdc <math>\pm 5\%</math></li> <li>• Flicker Free: O/P Ripple current <math>&lt; 5\%</math> (LF <math>&lt; 200\text{Hz}</math>)</li> </ul> | <ul style="list-style-type: none"> <li>• Output Current: 5A</li> <li>• Input Over voltage Protection</li> <li>• Suitable for Dry Locations</li> <li>• Surge Immunity 3kV</li> </ul> | <ul style="list-style-type: none"> <li>• Application<br/>- Shop, Retail &amp; Hospitality</li> </ul> |
|---|---|--|

### General Specifications

Rated Input Voltage	220-240/240/230Vac, 50/60Hz
Operating Input Voltage Range	140-280Vac, 50/60Hz
Input Current	0.36A @ Rated I/P Voltage & Full Load
Input Power	70W @ Rated I/P Voltage & Full Load
Power Factor	$> 0.95$ @ Rated I/P Voltage & Full Load
THD	$< 10\%$ @ Rated I/P Voltage & Full Load
Efficiency	$> 85\%$ @ Rated I/P Voltage & Full Load
Driver Type	Constant Voltage
Output Current	5A
Output Voltage Range	12Vdc $\pm 5\%$
No Load Output Voltage	12Vdc $\pm 5\%$
Output Power	60W Max.
Number of Output Channels	1 Channel
Dimming Controller Type/Dimming Range	NA
Output Type	Class II
Ambient Operating Temperature Range	$-10^{\circ}\text{C}$ to $+50^{\circ}\text{C}$
Max. Case Temperature	$80^{\circ}\text{C}$
Sound Rating	NA
Input Surge Protection	Line-Neutral 3kV As per EN 61000-4-5
Protections	Input Over Current : NON-Resettable
	Input Over Voltage : Cutoff @ $V_{in} > 300\text{Vac}$ , Auto Recovery Immunity - 320Vac for 48 hours
	Input Under Voltage : NA
	Output Short Circuit : Auto Recovery (HICCUP MODE)
	Output Open Circuit : Auto Recovery (HICCUP MODE)
	Output to Ground short : YES
	Output Overload : YES
	Over Temperature : NA
Service Life	50,000 hours @ $T_c$ max.
Approvals / Class	SELV Equivalent, Dry Locations
Warranty	3 Years
Weight	0.311 Kg

Note : All Performance Specified at Rated Voltage.  
Recommended to be used only for Indoor Application.



Figure 1

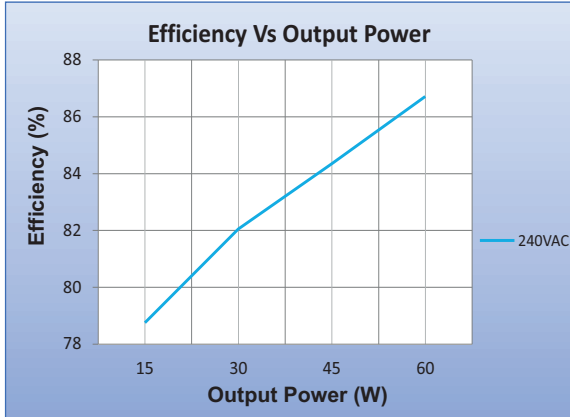


Figure 2

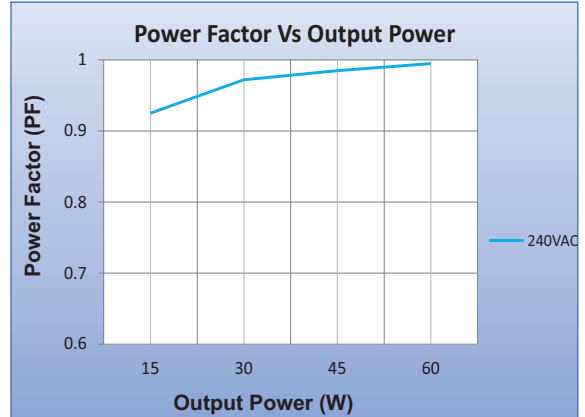
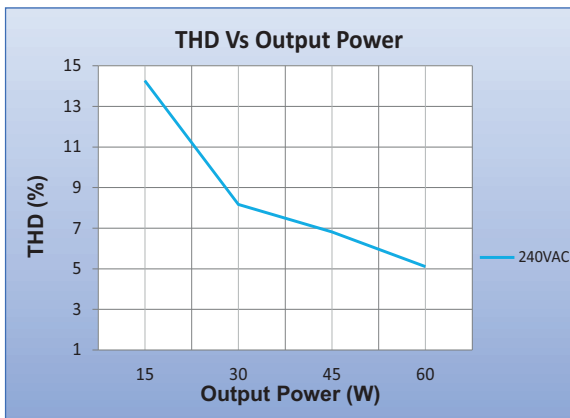
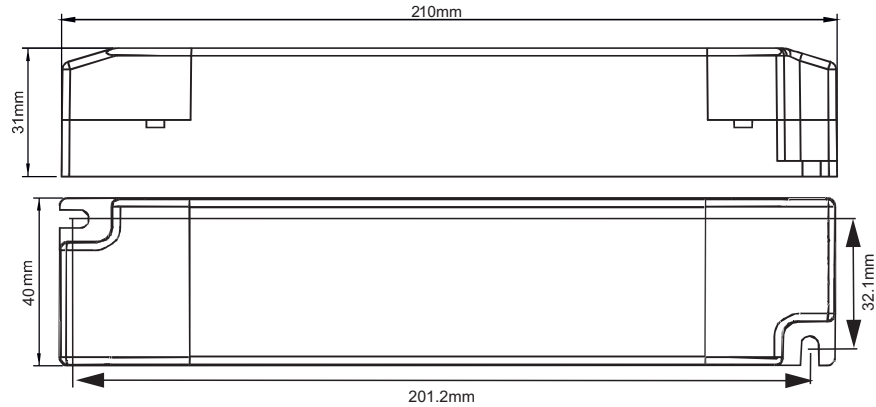


Figure 3



### Mechanical Data



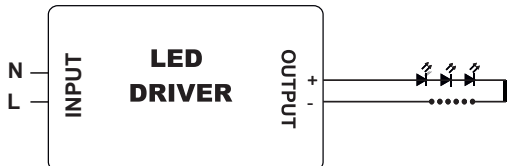
### Product image



Note :All Dimensions are in mm

Tolerance=±0.5mm

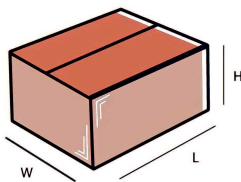
### Wiring Diagrams



INPUT 2 PIN CONNECTOR	GREY	LINE
	GREY	NEUTRAL

OUTPUT 2 PIN CONNECTOR	RED	POSITIVE
	BLACK	NEGATIVE

### Packaging

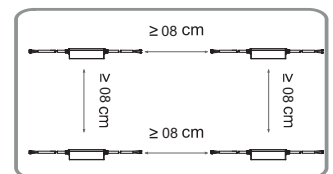


### Master carton

OUTER DIMENSION		
L	W	H
235mm	225mm	115mm
Net Weight	Gross Weight	QUANTITY
4.66 kg	4.95 kg	15 pc.

### Installation Instructions:

- The driver should be installed in a dry, acid-free, oil free, fat-free environment.
- Do not exceed the declared Hot spot temperature(Tc max) under any circumstances.
- ≥ 08 cm clearance must be kept between the drivers as per installation diagram, When multiple drivers used.



Fulham extends a limited warranty only to the original purchaser or to the first user for a period of **3 years @ Tc Max** from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please reference the Fulham Product Catalog ([www.fulham.com](http://www.fulham.com)). Due to a program of continuous improvement, Fulham reserves the right to make modifications or variations in design or construction to the equipment described.  
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