

### T12401000-38C-R

# SELV Equivalent

#### **SPECIFICATIONS**

Constant Current LED Driver

Output Wattage: 38W

• Input Voltage: 240±15%, 50Hz

• Output Current: 1000mA ±8%

Note: The usage of a compatible SPD is mandatory for outdoor application.

Recommended Fulham SPD - SPD1230S5A5K54

. PC enclosure with Wires

Output voltage range of 24-38VDC

• Dry and Damp Locations

• Surge Immunity 4KV

IP 65

General	Snac	ifica	tions
General	Spec	HICZ	itions

Rated Input Voltage	240VAC ±15%, 50 Hz	
Operating Input Voltage Range	100-320VAC, 50 Hz	
Input Current	0.25 A Max.	
Input Power	49W Max.	
Power Factor	>0.95	
THD	<10%	
Efficiency	>85%	
Driver Type	Isolated, SELV Equivalent	
Output Current	1000mA ±8%	
Output Voltage Range	24-38Vdc	
No Load Output Voltage	47Vdc	
Output Power	38Watt	
Number of Output Channels	1 Channel	
Stand By Time	NA	
Dimming Controller Type/Dimming Range	NA	
Output Type	Constant Current	
Ambient Operating Temperature Range	-10°C to 50°C	
Max. Case Temperature	80°C	
Input Surge Protection	Line - Neutral 4KV DM	
Protections	Input Over Current : NON-Resettable	
	Input Over Voltage : 320VAC Operation for 48Hrs, 360VAC Operation for 2Hrs	
	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 @ Tc Max	
Approvals / Class	SELV Equivalent, Dry and Damp Locations, IP 65	
Warranty	03 YEARS	
Weight	0.32 KG	
,		



# T12401000-38C-R

**SPECIFICATIONS** 



Figure 1

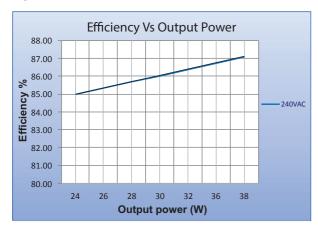


Figure 2

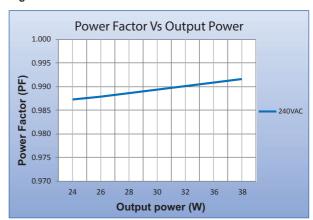


Figure 3

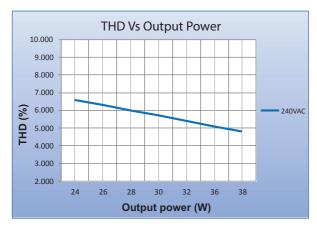


Figure 4

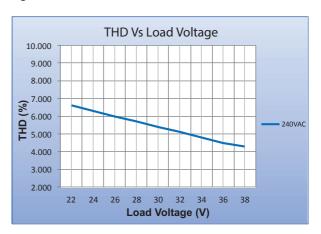
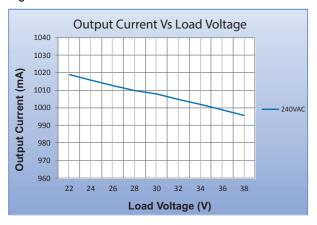


Figure 5



Fulham extends a limited warranty only to the original purchaser or to the first user for a period of 3 years @ Tc 80°C 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). Due to a program of continuous improvement, Fulham reserves the right to make modifications or variations in design or construction to the equipment described.

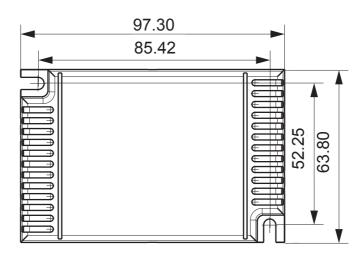
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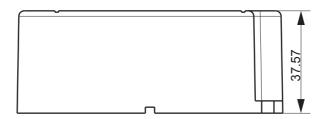


## T12401000-38C-R

**SPECIFICATIONS SELV Equivalent** 

#### **Mechanical Data**

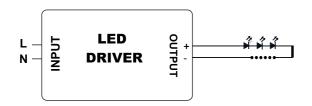




Note: All Dimensions are in mm.

Tolerance=±0.5mm

#### Wiring Diagrams



INPUT SIDE	LENGTH
DI AOI/	000
BLACK	300 mm
WHITE	300 mm

OUTPUT SIDE	LENGTH
RED	300 mm
BLUE	300 mm

Installation Instructions:

Connect Wires as per details given on the Driver Screen. Keep proper ventilation around the LED Driver and do not stack any object on it. Also a 10-15 cm clearance must be kept when the adjacent device is a heat source. Do not exceed the declared Hot spot temperature(Tc max) under any circumstances.