

## T12400700-75CB G1 SPECIFICATIONS



Constant Current LED Driver

Output Wattage: 77W

Output Current: 700mA ±7%

• Output voltage range of 80-110Vdc

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

Recommended Fulham SPD - SPD1230S5A5K54

· CRCA enclosure with Wires

• Suitable for Dry and Damp Locations

440Vac application @ 8Hrs

Sleek Model

• Surge Immunity 4kV

OVP and UVP Cut-off

Thermal foldback

# **General Specifications**

Rated Input Voltage	240Vac +15%,50 Hz		
Operating Input Voltage Range	120-320Vac,50Hz		
Input Current	0.4A Max @ Rated Input Voltage & Full Load		
Input Power	90W (Typical @ 240Vac)		
Power Factor	>0.95 @ Rated Input Voltage & Full Load		
THD	<10% @ Rated Input Voltage & Full Load		
Efficiency	>88% @ Rated Input Voltage & Full Load		
Driver Type	Class I (Earthing/Grounding mandatory)		
Output Current	700mA ± 7%		
Output Voltage Range	80-110Vdc		
Output Power	77W Typical		
Output Ripple Current	<30%		
Startup Time	600ms Typical,1sec Max @ 240Vac		
Inrush Current	<11A @ 240Vac		
Number of Output Channels	1 Channel		
Output Type	Constant Current		
Ambient Operating Temperature Range	-25°C to 50°C		
Max.Case Temperature	80°C Tc Max.		
Input Surge Protection	Line-Neutral 4kV, Line & Neutral-Ground 4kV as per EN 61000-4-5		
Protections	Input Over Current : NON-Resettable		
	Input Over Voltage : Shutdown @ 325Vac±10Vac, Auto recovery @ 295 - 310Vac 440Vac for 8 hours @ 50°C, 320Vac for 48 hours @ 50°C		
	Input Under Voltage : Shutdown <100Vac , Auto recovery @ 90 - 110Vac		
	Output Short Circuit : Auto recovery (HICCUP MODE)		
	Output to Ground short: Yes		
	Output Overload : Yes		
	Over Temperature : Fold back @ Tc 85°C ±5°C		
ServiceLife	50,000 hours @ Tc max , 30,000 hours @ Tc 85°C		
Approvals/Class	Class I, Dry and Damp Locations, IP 54		
Warranty	5 Years		
Weight	0.38Kg		

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of <u>05 years @ Max Tc</u> 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. © Fulham Company Limited, All Rights Reserved.



# T12400700-75CB G1 SPECIFICATIONS



Figure 1

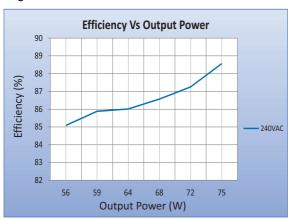


Figure 2

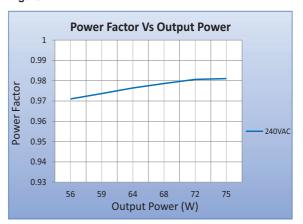


Figure 3

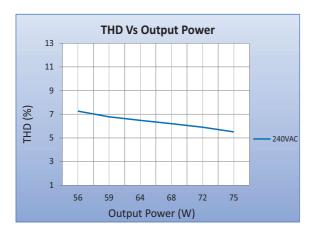


Figure 4

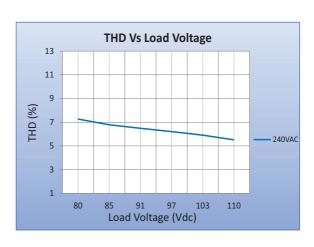


Figure 5

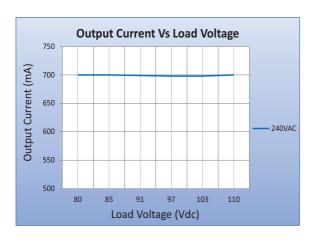
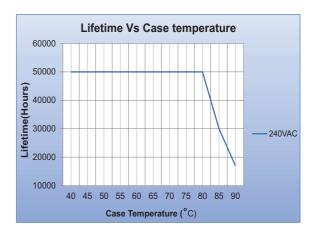


Figure 6



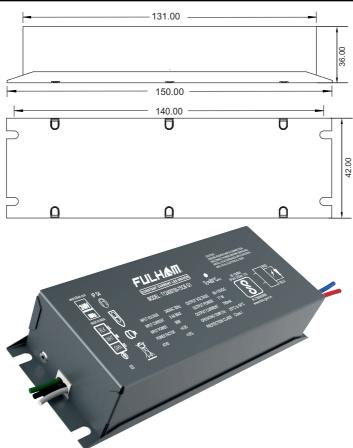
Fulham extends a limited warranty only to the original purchaser or to the first user for a period of <u>05 years @ Max Tc</u> from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please reference the Fulham Product Catalog (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. © Fulham Company Limited, All Rights Reserved.



## T12400700-75CB G1 SPECIFICATIONS



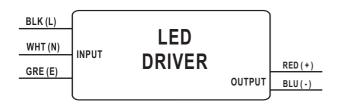
#### **Mechanical Data**



Note: All Dimensions are in mm

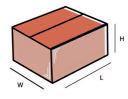
Tolerance = ±0.5mm

#### Wiring Diagrams



INPUT SIDE	LENGTH	OUTPUT	LENGTH
BLACK (L)		RED (+)	200±5mm
WHITE (N)	200±5mm	BLUE (-)	200±3111111
GREEN (E)			

#### **Packaging**

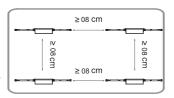


### **Master carton**

OUTER DIMENSION							
L		V	٧	Н			
195mm		160mm		120mm			
Net Weight		ross eight	Ql	JANTITY			
4.56 kg	4.	85 kg	12 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 <u>05 years @ Max Tc</u> 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. © Fulham Company Limited, All Rights Reserved.