



T1M1UNV0700-30L SPECIFICATIONS

IP 64



SELV Equivalent



- Constant Current LED Driver
- Output Wattage: 30W
- Output Current: 700mA ±7%
- Flicker Free: O/P Ripple current <7%(LF<300Hz,peak to peak)
- CRCA Enclosure with Wires
- Output Voltage Range of 18-45Vdc
- Dimming 0-10Vdc (100-10%)
- Inbuilt Surge protection 2KV
- Suitable for Dry,Damp and Wet locations

General Specifications

Rated Input Voltage	220-240/240/230Vac,50/60Hz
Input Current	0.3A
Input Power	36W Max.
Power Factor	>0.9
ATHD	<20%
Efficiency	86% Typical
Driver Type	Constant Current
Output Current	700mA ±7%
Output Voltage Range	18 - 45Vdc
Output Power	30W Typical
Dimming Controller Type/Dimming Range	0-10Vdc (100%-10%)
Number of Output Channels	1 Channel
Output Type	Class II
Ambient Operating Temperature	-40°C to +62°C
Max. Case Temperature	85°C
Input Surge Protection	Line-Neutral 1KV,Line & Neutral-Ground 2KV As per EN 61000-4-5
Protections	Input Current Protection : YES Output Short Circuit : Auto Recovery Output Open Circuit : YES Output To Ground : YES Overload Protection : YES Over Temperature Protection : YES
Hot Plug in	No
Sound Rating	A
EMC Emission	FCC Part 15B Consumer,EN55015,EN61000-3-2,3
EMC Immunity	IEC61000-4-2,3,4,5,6,8,11,IEC61547
Service Life	50,000 hours @ Tc 76°C
Approvals / Class	SELV Equivalent, Dry ,Damp and Wet Locations
Warranty	5 Years @ Tc 76°C
Weight	0.222Kg

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of **5 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). 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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Figure 1

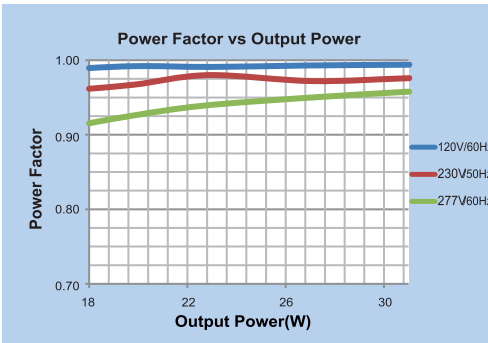


Figure 2

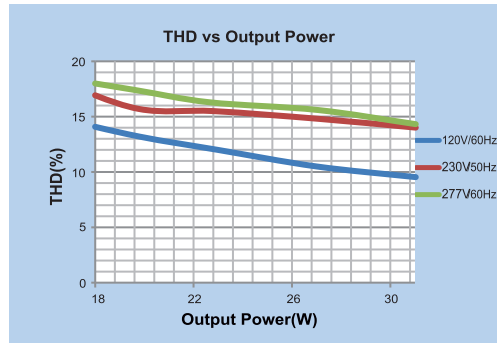


Figure 3

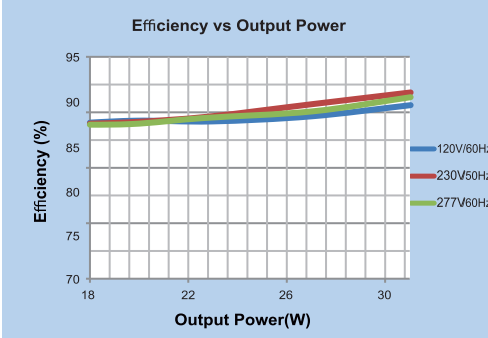


Figure 4

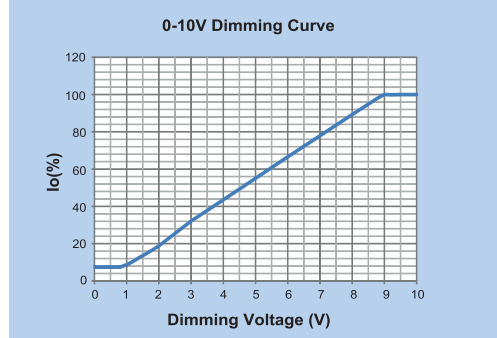
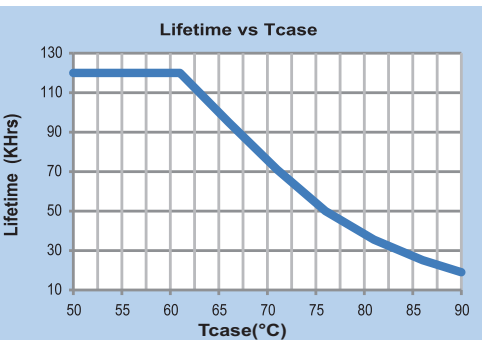
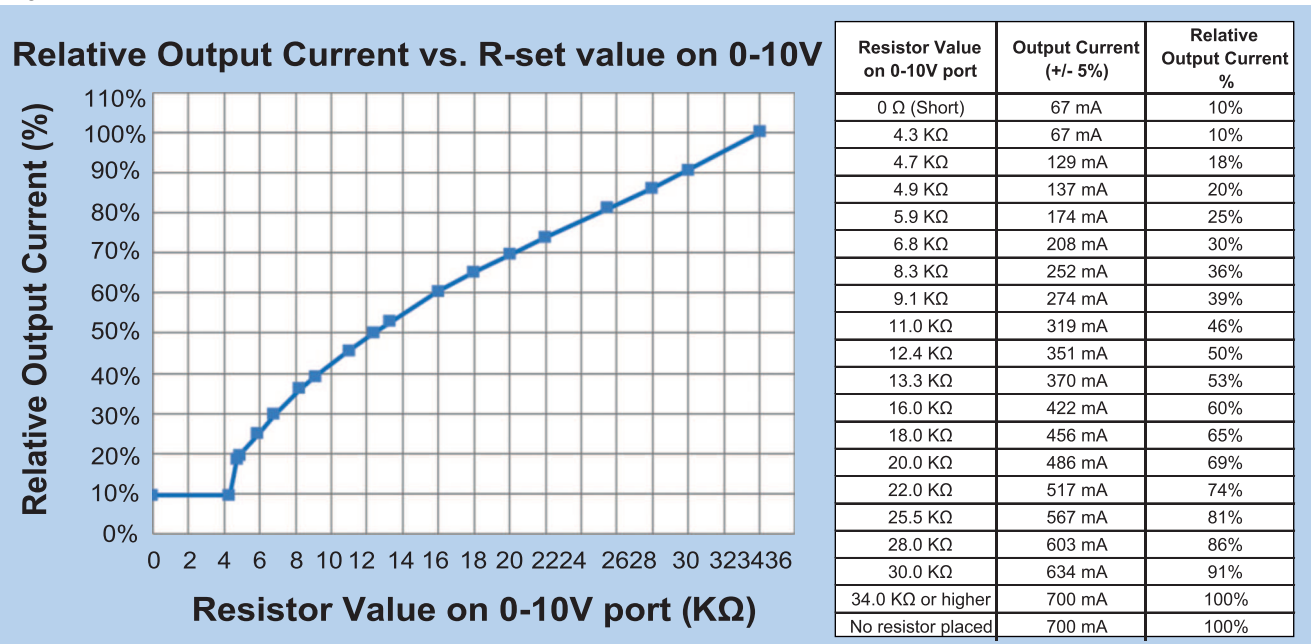


Figure 5



Failure Rate Info based upon MTBF modeling:
90% survivals at end of life @ ≤Tc lifetime rating

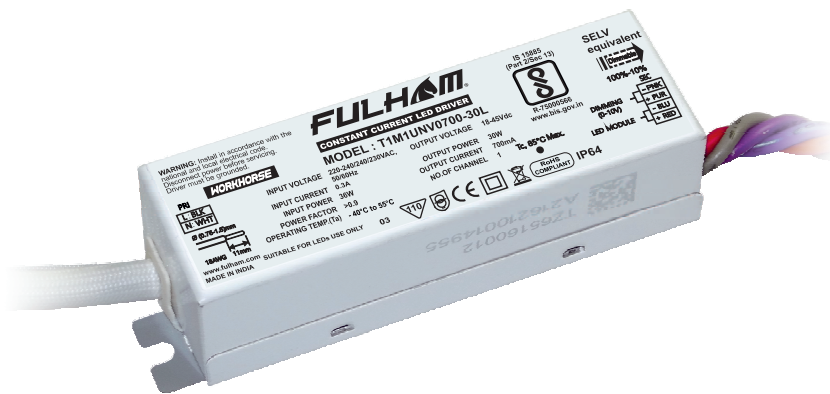
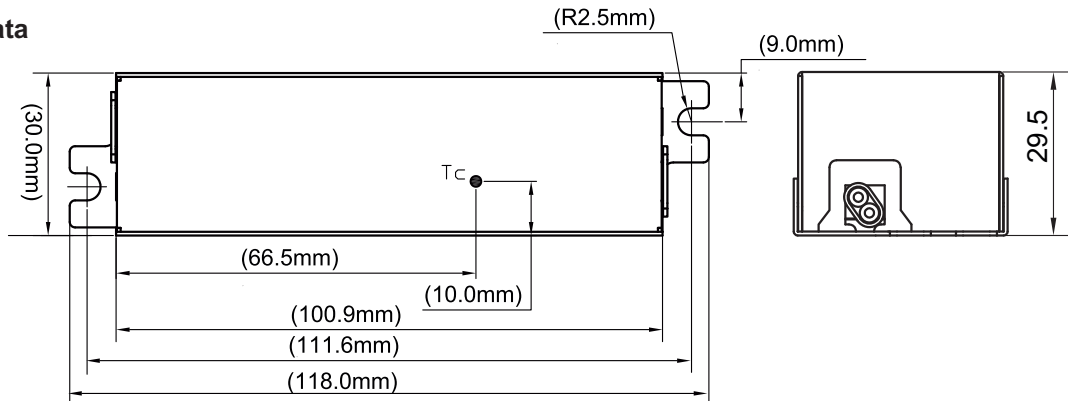
Figure 6



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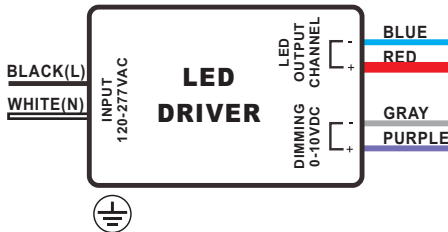
Mechanical Data



Note : All Dimensions are in mm

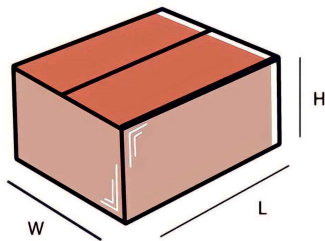
Tolerance = ± 0.5mm

Wiring Diagrams



INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH
BLACK	304.8mm	RED	152.4mm
WHITE	304.8mm	BLUE	152.4mm
		PURPLE	304.8mm
		GRAY	304.8mm

Packaging



Master carton

OUTER DIMENSION		
L	W	H
380mm	260mm	185mm
Net Weight	Gross Weight	QUANTITY
17Kg	18Kg	80pc.

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.

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