

- Non-Dimmable Constant Current DC-DC
- Suitable for Input supply 48Vdc.
- Multiple current selection through dip switch.
- Output Current: 450 - 800mA
- Output Wattage : 30W Max
- Output voltage range of 12-42Vdc
- Flicker Free: O/P Ripple current < 10%
- Compact form factor
- To be used with track housing
- Application - track lights

General Specifications

Rated Input Voltage	48Vdc (+/-0.5V)
Operating Input Voltage Range	48Vdc
Input Current (Max.)	<0.75 @ 48Vdc
Input Power	33W
Efficiency (Typical)	92%
Driver Type	Constant Current Non-Dimmable
Output Current	450mA ±5%, 500mA ±5%, 550mA ±5%, 600mA ±5%, 650mA ±5%, 700mA ±5%, @12-42Vdc; 750mA ±5%, @12-40Vdc; 800mA ±5% @12-38Vdc; *Refer DIP switch Table for O/P current selection
Output Voltage Range	12-42Vdc *Refer DIP switch Table for O/P Voltage range
Output Power	30W
Number of Output Channels	1 Channel
Output Type	Class II
Dimming Controller Type	NA
Ambient Operating Temperature Range	-20°C to 50°C
Max. Case Temperature	NA (Ambient operating temperature should not exceed specified limits)
Protections	Output Short Circuit : Auto Recovery (HICCUP Mode) Output Open Circuit : Auto Recovery (HICCUP Mode) Output Overload : YES
certifications	CE, RoHS, EN61347-1, EN61347-2-11, EN55015, EN61000-4-2
Life	50,000 Hours @40°C Ta
Warranty	5 Years
Weight	0.008 Kg

Note : Suitable for indoor application only

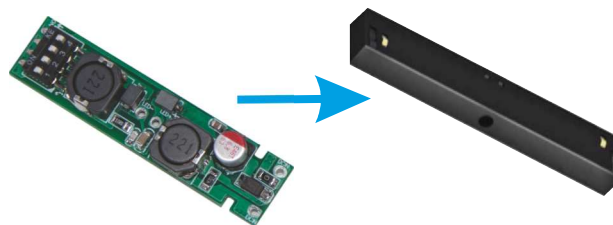
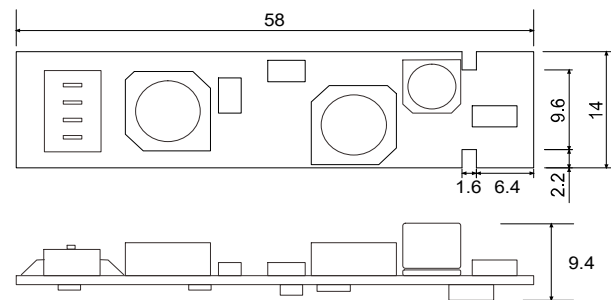
when the driver is used with the luminaire, the EMC of the whole luminaire needs to be tested.

DIP Switch Chart :

Prated(W)	Output		1	2	3	4
	Irated(mA)	Voltage(Vdc)				
18.90	450	12-42	--	--	--	--
21.00	500	12-42	ON	--	--	--
23.10	550	12-42	--	ON	--	--
25.20	600	12-42	ON	ON	--	--
27.30	650	12-42	--	--	ON	--
29.40	700	12-42	ON	--	ON	--
30.00	750	12-40	--	ON	ON	--
30.40	800	12-38	ON	ON	ON	ON

Remark: -- this Switch is off.

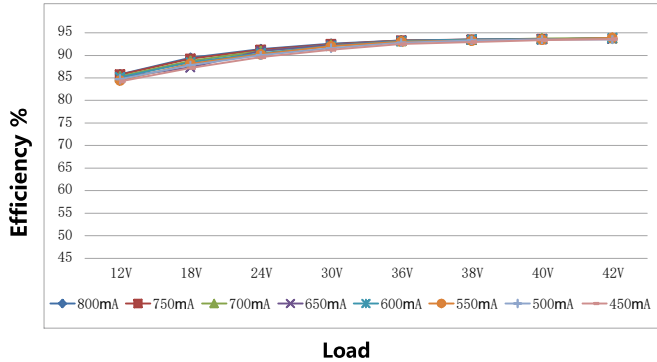
Mechanical Data :



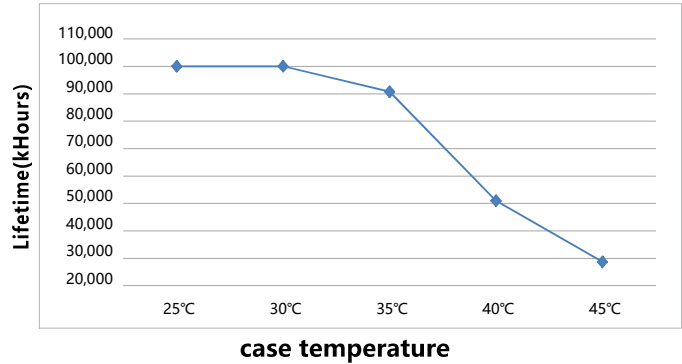
Note : All Dimensions are in mm.
Tolerance=±0.5mm

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of **05 years @ Ta 40°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.
© Fulham Company Limited, All Rights Reserved.

Efficiency vs. Load



Lifetime vs. case temperature



Installation note

LED Hotplug-in

- Hot plug-in is not supported due to residual output voltage of > 0 V.
- If a LED load is connected the device has to be restarted.
- Restart can be achieved by re-powering the driver or executing a on/off command (action) through the control interface (DALI).

Wiring guidelines

- All connections must be kept as short as possible to ensure good EMI behaviour.
- Max. length of output wires is 0.5 m.
- Incorrect wiring can damage LED modules.

Installation requirements

- The driver should be installed in a dry, acid-free, oil-free, fat-free environment
- The installation ambient temperature of the driver shall not exceed the value of Ta at any time.
- **Please be careful not to damage the electronics during assembly .**
- **All electronic components shall not be squeezed after assembly.**

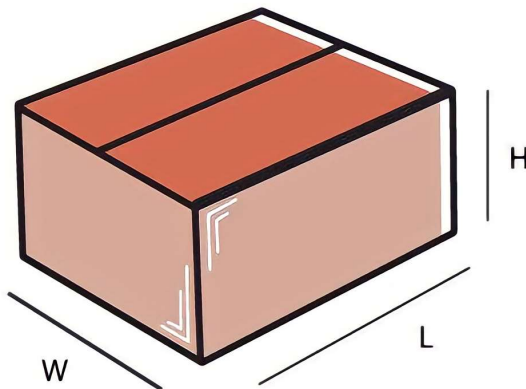
Mounting screw specifications and torque

- Max. torque at the clamping screw: 0.5 Nm / M4

Replace LED module

1. Mains off
2. Remove LED module
3. Wait for 5 seconds
4. Connect LED module again

Packaging



Master carton

OUTER DIMENSION		
L	W	H
465 mm	325 mm	270 mm
Net Weight	Gross Weight	QUANTITY
8.5 kg	10.0 kg	1000 pc.

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.

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of **05 years @ Ta 40°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. © Fulham Company Limited, All Rights Reserved.