

- Non-Dimmable Constant Current DC-DC
- Suitable for Input supply 48Vdc.
- Multiple current selection through dip switch.
- Output Current: 150 - 400mA
- Output Wattage : 17W 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	<0.39 @ 48Vdc
Input Power	19W
Efficiency (Typical)	92%
Driver Type	Constant Current Non-Dimmable
Output Current	100mA ±5%, 175mA ±5%, 200mA ±5%, 225mA ±5%, 250mA ±5%, 300mA ±5%, 350mA ±5%, 400mA ±5%
	*Refer DIP switch Table for O/P current selection
Output Voltage Range	12-42Vdc
Output Power	17W
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

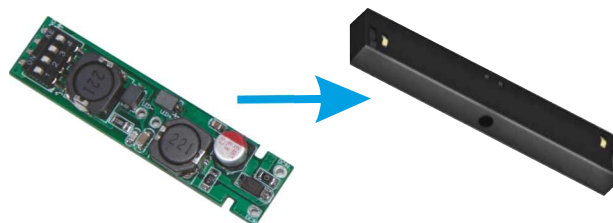
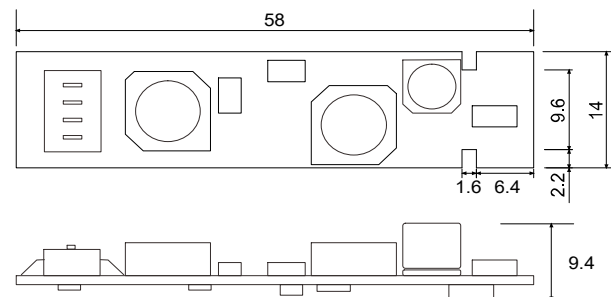
Note : Suitable for indoor application only  
when the driver is used with the luminaire, the EMC of the whole luminaire needs to be tested.

### DIP Switch Chart :

Prated(W)	Output		1	2	3	4
	Irated (mA)	Voltage (Vdc)				
16.80	400	12-42	--	ON	--	ON
14.70	350	12-42	--	--	--	ON
12.60	300	12-42	--	ON	ON	--
10.50	250	12-42	--	--	ON	--
9.45	225	12-42	ON	ON	--	--
8.40	200	12-42	--	ON	--	--
7.35	175	12-42	ON	--	--	--
6.30	150	12-42	--	--	--	--

Remark: -- this Switch is off.

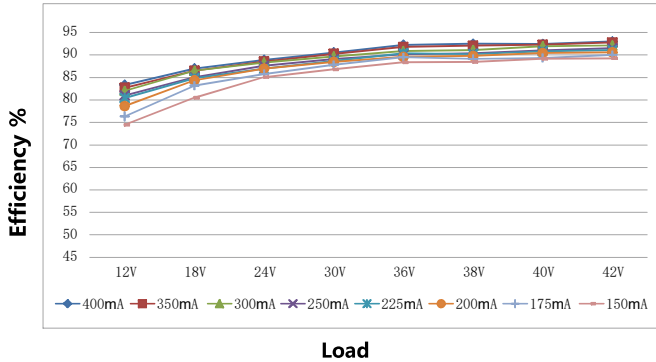
### Mechanical Data :



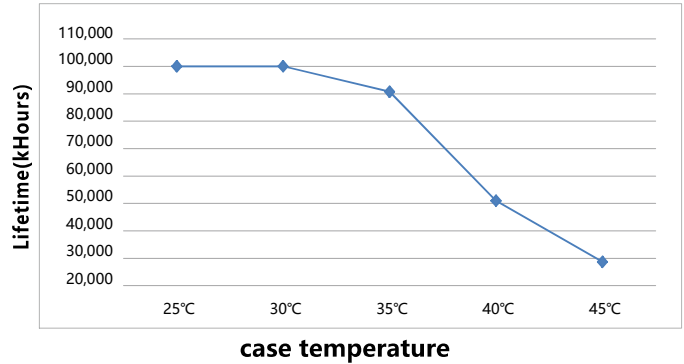
Note : All Dimensions are in mm.  
Tolerance=±0.5mm

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](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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### 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 adry, acid-free, oil-free, fat-free environment
- The installation ambient temperature of the drive 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.**

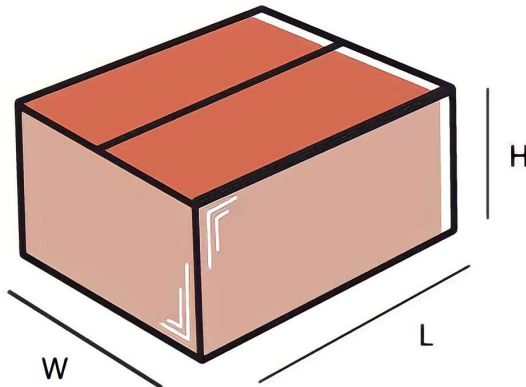
#### Mounting screw specifications and torque

- 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.

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