



T1M12400700-150LB SPECIFICATIONS

IP 54

- Constant Current LED Driver
- Output Wattage: 150W
- Input Voltage: 240±20%Vac,50Hz
- Output Current: 700mA ±7%
- CRCA enclosure with Wires
- Output voltage range of 160~214Vdc
- Suitable for Dry and Damp Locations
- Analog Dimming 1-10Vdc
- Surge Immunity 5kV/5kV
- OVP and UVP Cut-off
- 440Vac application @ 48Hrs
- Thermal foldback

General Specifications

| | |
|---------------------------------------|--|
| Rated Input Voltage | 240Vac ±20%,50Hz |
| Operating Input Voltage Range | 120-320Vac,50Hz |
| Input Current | 0.7A Max @ 240Vac |
| Input Power | 167W (Typical @ 240Vac) |
| Power Factor | >0.95 |
| THD | <10% |
| Efficiency | >90% |
| Driver Type | Class I |
| Output Current | 700mA ± 7% |
| Output Voltage Range | 160-214Vdc |
| No Load Output Voltage | 220±3Vdc |
| Output Power | 150W |
| Number of Output Channels | 1Channel |
| Output Type | Constant Current |
| Dimming Controller Type/Dimming Range | Analog Dimming, 1-10Vdc (10-100%) |
| Ripple Current | <10% |
| Ambient Operating Temperature Range | -10°C to 55°C |
| Max. Case Temperature | 80°C Tc Max. |
| Input Surge Protection | Line-Neutral 5kV, Line & Neutral-Ground 5kV as per EN 61000-4-5 |
| Protections | Input Over Current : NON-Resettable Input Over Voltage : Shutdown @ >320Vac, Auto recovery 440Vac for 48 hours @ 35°C, 320Vac for 48 hours @ 50°C Input Under Voltage : Shutdown <115Vac , Auto recovery @ 120±3Vac Output Short Circuit : Auto recovery (HICCUP MODE) Output to Ground short : Yes Output Overload : Yes Over Temperature : Fold back at Tc 85°C ± 5°C |
| ServiceLife | 50,000 hours @ 80°Tc |
| Approvals/Class | Class I, Dry and Damp Locations, IP 54 EN 61347-2-13 EN 62384 |
| Warranty | 3 Years |
| Weight | 0.910Kg |

Note : The usage of a compatible SPD is mandatory for outdoor application.
Recommended Fulham SPD - SPD1230S5A5K54

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Figure 1

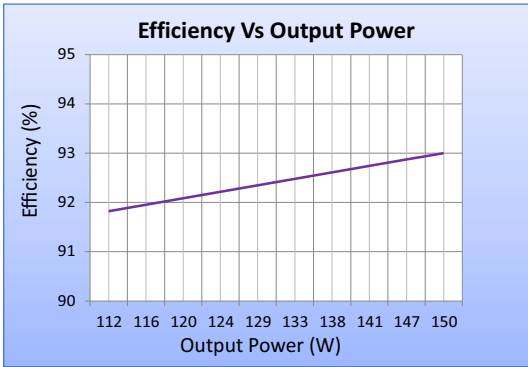


Figure 2

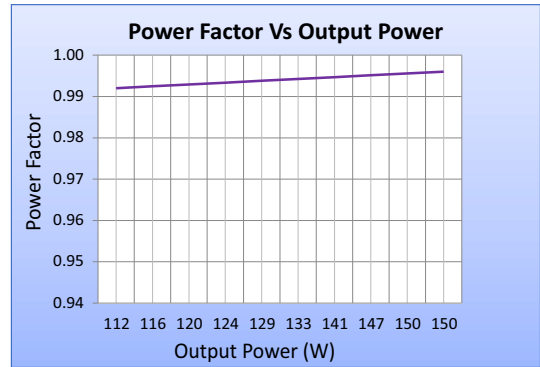


Figure 3

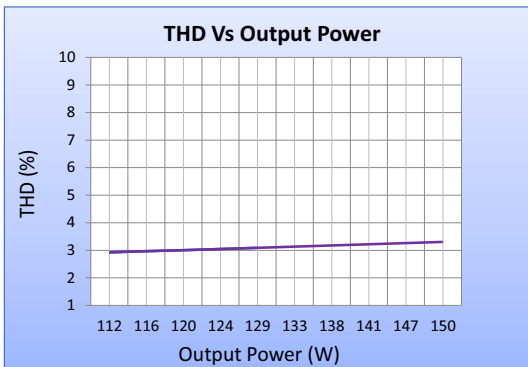


Figure 4

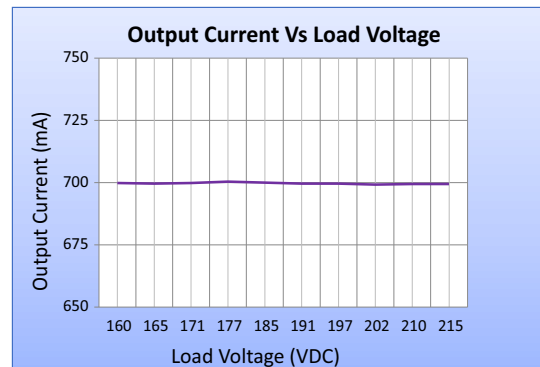


Figure 5

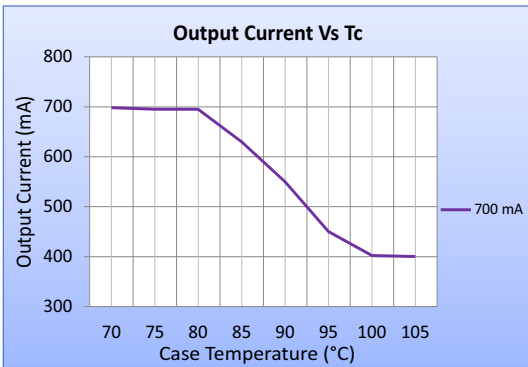


Figure 6

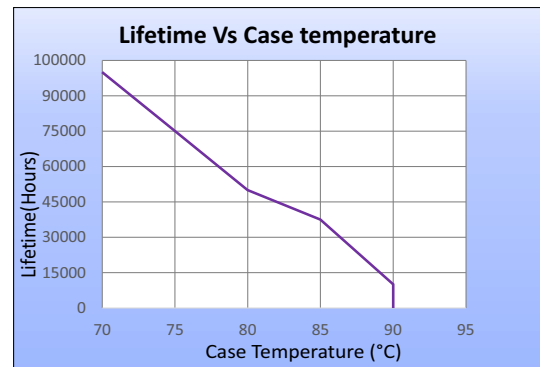
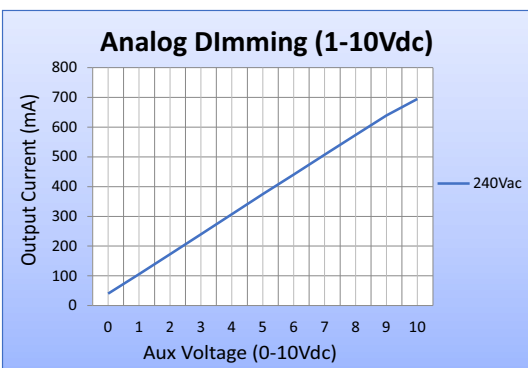


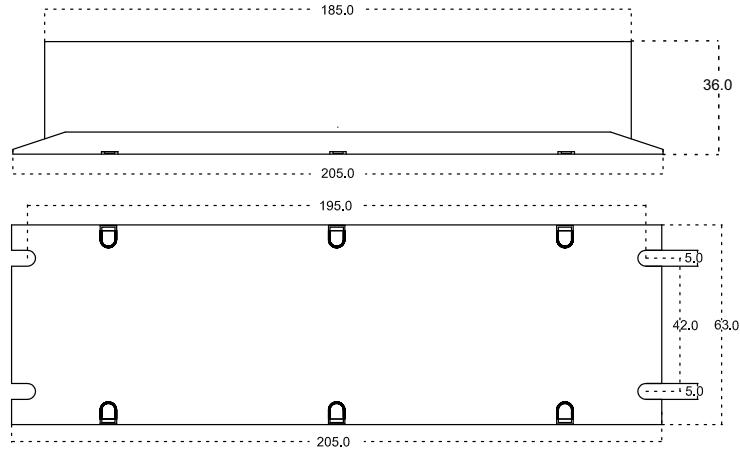
Figure 7



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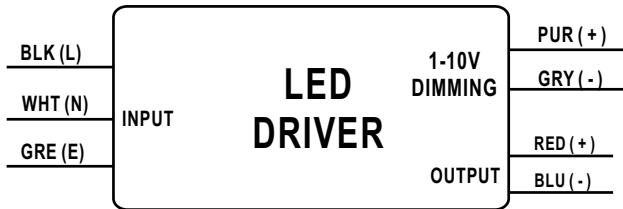
Mechanical Data

A. Cabinet With Mounting



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

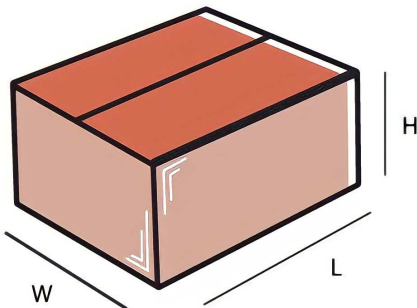
Wiring Diagrams



| INPUT SIDE | LENGTH | DIMMING | LENGTH |
|------------|---------|------------|---------|
| BLACK (L) | 200±5mm | PURPLE (+) | 200±5mm |
| WHITE (N) | | GREY (-) | |
| | | OUTPUT | LENGTH |
| | | RED (+) | 200±5mm |
| | | BLUE (-) | |

Note: This Driver Must Be Grounded

Packaging



Master carton

| OUTER DIMENSION | | |
|-----------------|--------------|----------|
| L | W | H |
| 225mm | 205mm | 140mm |
| Net Weight | Gross Weight | QUANTITY |
| 8 kg | 8.5 kg | 09 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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