



# T1C1240012V-150EE

## SPECIFICATIONS



- Leading & Trailing Edge Triac dimable
- Constant Voltage LED Driver
- Flicker free, O/P Ripple Current < 5% (LF)
- Dimming level 1% to 100%
- Output Wattage 150W (Max 132W Loading)
- Output Voltage: 12Vdc
- Output Current range: 2.5A - 12A (11A Max)
- SELV Equivalent
- Application
  - LED indoor lighting
  - LED architectural lighting

### General Specifications

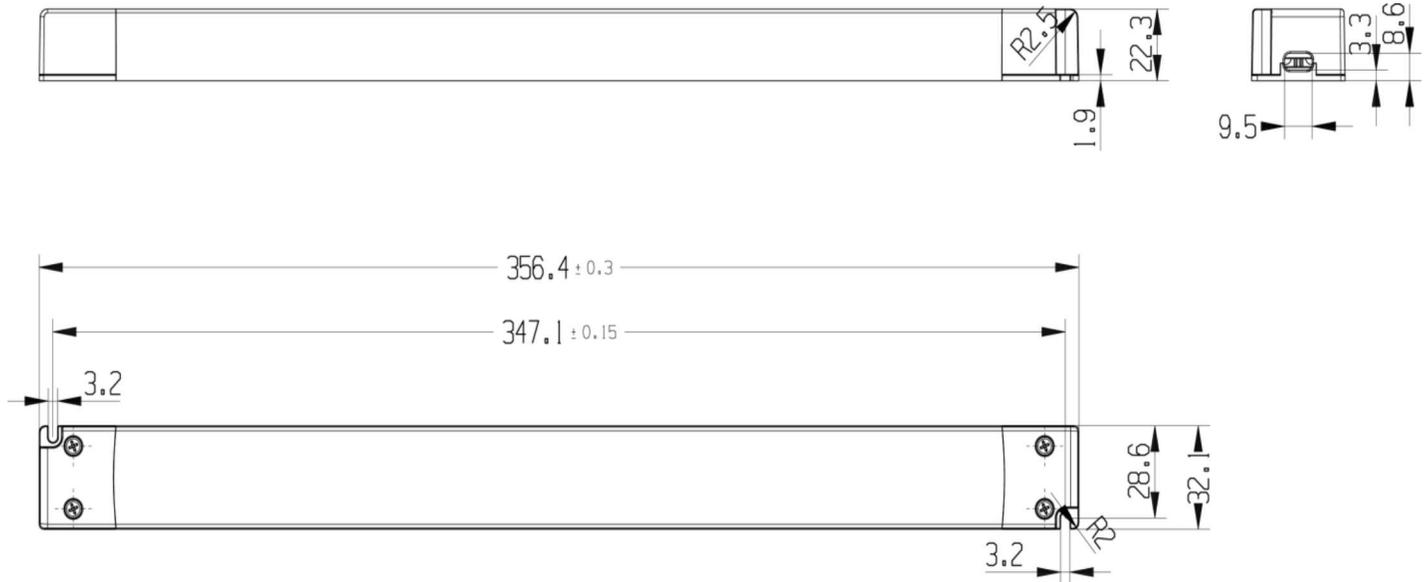
|                                       |   |
|---------------------------------------|---|
| Rated Input Voltage                   | 220-240/240/230VAC, 50/60Hz   |
| Operating Input Voltage Range         | 240VAC +20%, 50/60Hz  |
| Input Current                         | 0.9 A Max.  |
| Input Power                           | 169W Max.   |
| Power Factor                          | >0.95 @ 230Vac Full Load  |
| THD                                   | < 20% @ 230Vac Full Load  |
| Efficiency                            | >89%  |
| Driver Type                           | Constant Voltage  |
| Output Current                        | 12.5A   |
| Output Voltage Range                  | 12VDC   |
| Output Power                          | 150W  |
| Rated Output Power (max. Loading)     | 132W Max. (10W Min.)  |
| Stand by power                        | < 0.5W  |
| O/P Ripple Current                    | < ±5% Ripple current, LF ≤120Hz, HF ≤1KHz   |
| Number of Output Channels             | 1 Channel   |
| Dimming Controller Type/Dimming Range | Triac, Leading Edge & Trailing Edge Dimming   |
| RFI/EMI                               | CE  |
| Output Type                           | Class II  |
| Ambient Operating Temperature Range   | -20°C to 45°C   |
| Max. Case Temperature                 | 90°C  |
| Sound Rating                          | NA  |
| Input Surge Protection                | Line-Neutral 1kV  |
| Protections                           | Input Over Current : NON-Resettable<br>Output Short Circuit : hiccup mode, Auto recovery after short circuit removed<br>Output Open Circuit : hiccup mode<br>Output Overload : Auto recovery<br>Over Temperature : NA |
| Standards                             | EN55015, EN61000-3-2, EN61000-3-3<br>EN62384, EN62493:2015<br>EN61547, EN61347-1:2015, EN61347-2-13:2014+A1   |
| Withstand Voltage                     | I/P-O/P:3750Vac   |
| Leakage Current                       | <0.5mA @ 240Vac   |
| Isolation resistance                  | I/P-O/P:10MΩ / 500Vdc / 25°C / 70% RH   |
| Life                                  | 50,000 Hours @ 80°C   |
| Approvals / Class                     | SELV Equivalent   |
| Warranty                              | 5 Years at Tc 80°C  |
| Weight                                | 0.420 Kg  |

Note : Suitable for indoor application only

Fulham extends a limited warranty only to the original purchaser or to the first user for a period of 5 years @ Tc 80°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. © Fulham Company Limited, All Rights Reserved.



### Mechanical Data

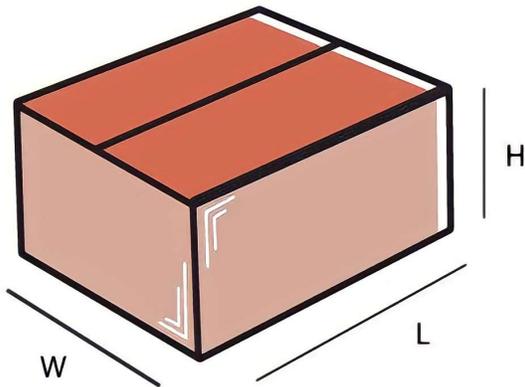


Note : All Dimensions are in mm.

Tolerance=±0.5mm

| MCBS<br>Model        |     |     |     |     |     |     |     |     |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|
|                      | B10 | B13 | B16 | B20 | C10 | C13 | C16 | C20 |
| T1C1240012V-150EE-G2 | 4   | 5   | 7   | 8   | 5   | 7   | 8   | 11  |

### Packaging



#### Master carton

| OUTER DIMENSION |              |          |
|-----------------|--------------|----------|
| L               | W            | H        |
| 350mm           | 150mm        | 125mm    |
| Net Weight      | Gross Weight | QUANTITY |
|                 |              | 20 pc.   |

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