

# PSSC-48V-360W

Phase Dimming IP66 48VDC



## Features

- 48V Constant Voltage Output
- Range AC input: 200-240VA
- Efficiency up to 92%
- Protections: Short circuit/Over loading/Over temperature
- IP66 Design for Outdoor Installation
- Cooling by Free Air Convection
- Aluminium housing ideal for Outdoor Applications
- Compatible with a Range of Leading edge and Trailing Edge TRIAC Dimmers
- Strong Compatibility, Flicker-Free Dimming
- Suitable for LED Lighting and Moving sign applications
- 5 Year Warranty

| Code         |                       | PSSC-48V-360W  |
|--------------|-----------------------|--|
| Output       | DC voltage            | 48V  |
|              | Voltage tolerance     | ±0.5V  |
|              | Rated current         | 7.5A   |
|              | Rated power           | 360W   |
| Input        | Voltage range         | 200-240VAC   |
|              | Frequency range       | 50HZ   |
|              | Power factor          | PF≥0.95@230V   |
|              | Full load efficiency  | 91%@230VAC   |
|              | AC current (Max)      | 2.03A  |
|              | Inrush Current        | 108A, 50%, 58us@230Vac   |
|              | Leakage current       | <0.50mA  |
| Protection   | Short circuit         | Hiccup mode, recovers automatically after fault condition is removed                                       |
|              | Over load             | ≤120% Hiccup mode, recovers automatically after fault condition is removed                                 |
|              | Over temperature      | Shell surface temp. 100°C ± 10°C shut down o/p voltage, automatically recovers after the temperature drops |
|              | Warranty              | 5 Years  |
| Environment  | Working TEMP          | -40~+60°C  |
|              | Working humidity      | 20~95%RH, non-condensing   |
|              | Storage TEM, humidity | -40~+80°C, 10~95%RH  |
|              | TEMP, coefficient     | ±0.03%/°C(0 - 50°C)  |
|              | Vibration             | 10 - 500Hz, 5G 12min./1 cycle, period for 72min.each along X,Y,Z axes                                      |
| Safety & EMC | Safety standards      | EN61347-1 EN61347-2-13, AS CISPR 15:2017 CISPR 16-2-3  |
|              | EMC EMISSION          | EN55015 EN61000-3-2 EN61000-3-3  |
| Dimensions   | (L*W*H)               | 276 x 78 x 47mm  |

While every effort has been made to ensure the accuracy of all information provided Task Lighting can not be held responsible for any errors. Task Lighting also reserves the right to modify/delete product details without notice.