

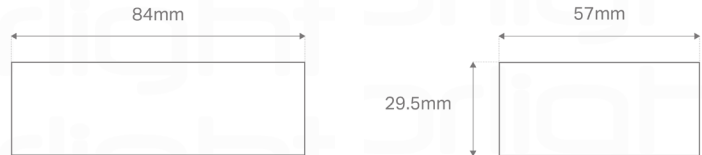
TERRA-248-RPV350-35-APC-IP66



Description

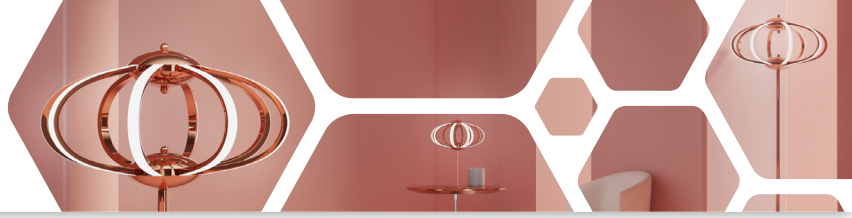
350mA Constant Current Driver, ideal for Terra-248 lighting. With a voltage range of 28-100V and a maximum wattage of 35W, it's durable with an IP66 rating, ensuring reliable outdoor use.

Dimensions



Specification

| | | |
|----------------------------------|---|--|
| Output | Rated Current | 350mA |
| | DC Voltage Range | 28 ~ 100V |
| | Rated Power | 35W |
| | Current Ripple | 5.0% |
| | Current Accuracy | ±8.0% |
| | Setup, Rise Time | 1500ms, 40ms / 230VAC 1500ms, 40ms / 115VAC at full load |
| | Hold Up Time (Typ.) | 20ms/230VAC 12ms/115VAC at full load |
| Input | Voltage Range (note.2) | 90 ~ 264VAC 127 ~ 370VDC |
| | Frequency Range | 47 ~ 63Hz |
| | Efficiency (Typ.) | 84% |
| | AC Current | 0.5A/230VAC;0.75A/115VAC |
| | Inrush Current (Typ.) | COLD START 45A(twidth=490µs measured at 50% Ipeak) at 230VAC |
| | Max. No. of PSUs on 16A Circuit Breaker | 5 units (circuit breaker of type B) / 9 units (circuit breaker of type C) at 230VAC |
| | Leakage Current | 0.25mA / 240VAC |
| Protection | Over Voltage | 110 ~ 130V Protection type : Shut down o/p voltage, re-power on to recover |
| Environment | Working Temp. | -30 ~ 70°(Refer to "Derating Curve") |
| | Working Humidity | 20 ~ 90% RH non-condensing |
| | Storage Temp., Humidity | -40 ~ +80°, 10 ~ 95% RH |
| | Temp. Coefficient | ±0.2%/° [0 ~ 50°] |
| | Vibration | 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes |
| Safety & EMC (note.5) | Safety Standards | UL8750 (only for APC-35-700&1050), CSA-C22.2 No. 250.0-13 (only for APC-35-1050), BIS IS15885(only for APC-35-700&1050), EAC TP TC 004,IP42, BS EN/EN 62368-1 approved |
| | Withstand Voltage | I/P-O/P:3KVAC |
| | Isolation Resistance | I/P-O/P:>100M Ohms / 500VDC / 25° / 70% RH |



Specification Continued

| | | |
|-----------------------|---|--|
| Safety & EMC (note.5) | EMC Emission | Compliance to BS EN/EN55032,BS EN/EN61000-3-2 Class A,BS EN/EN61000-3-3, EAC TP TC 020 |
| | EMC Immunity | Compliance to BS EN/EN55035,BS EN/EN61000-4-2,3,4,5,6,8,11; light industry level(surge 2KV), EAC TP TC 020 |
| Other | MTBF | 28 ~100V |
| | Dimension | 35W |
| | Packing | 5.0% |
| Note | <ol style="list-style-type: none"> 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Derating may be needed under low input voltage. Please check the static characteristic for more details. 3. The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again. 4. The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500ft). | |