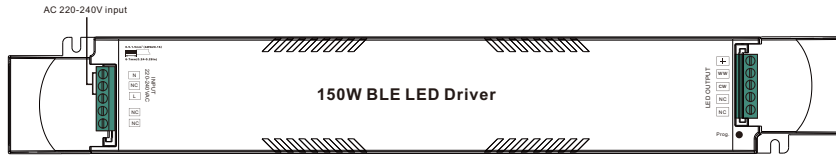


150W BLE Dimmable LED Driver



Important: Read All Instructions Prior to Installation

Function introduction



Product Data

| | | |
|------------|---------------------------|---|
| Output | LED Channel | 2 Channel |
| | DC Voltage | 24V DC |
| | Max. Current | Max. 6.25A(CH1+CH2≤6.25A) |
| | Voltage Tolerance | ±3% |
| | Rated Power | Max. 150W |
| Input | Voltage Range | 220-240V AC |
| | Frequency Range | 50/60Hz |
| | Power Factor (Typ.) | > 0.98 @ 230VAC |
| | Total Harmonic Distortion | THD ≤ 6% (@ full load / 230VAC) |
| | Efficiency (Typ.) | 93% @ 230VAC full load |
| | AC Current (Typ.) | 0.71A @ 230VAC |
| | Inrush Current (Typ.) | COLD START Max. 46A @ 230VAC |
| | Leakage Current | < 0.5mA /230VAC |
| | Standby Power Consumption | < 0.5W |
| Control | Anti Surge | L-N:2KV |
| | Dimming Interface | Bluetooth |
| | Dimming Range | 0.1%-100% |
| | Dimming Method | Pulse Width Modulation |
| | Dimming Curve | Linear/Logarithmic optional |
| Protection | Over Voltage | Yes, remove the fault conditions and re-power the device. |
| | Over Load | Yes, remove the fault conditions and re-power the device. |
| | Short Circuit | Yes, remove the fault conditions and re-power the device. |
| | Over temperature | Yes, remove the fault conditions and re-power the device. |

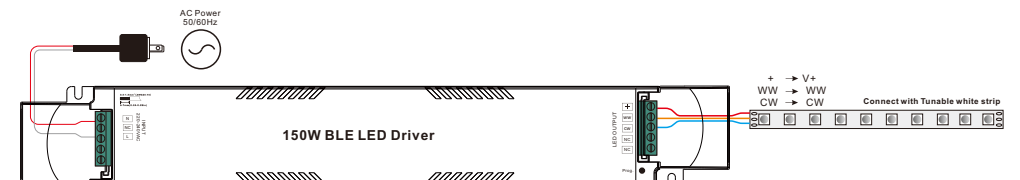
| | | |
|--------------|--------------------------|--|
| Environment | Working Temp. | -25°C ~ +50°C |
| | Max. Case Temp. | 85°C (Ta= "50°C") |
| | Working Humidity | 10% ~ 95% RH non-condensing |
| | Storage Temp. & Humidity | -40°C ~ +80°C, 10% ~ 95% RH |
| Safety & EMC | Safety Standards | IEC/EN61347-1, IEC/EN61347-2-13 |
| | Withstand Voltage | I/P-O/P: 3.75KVAC |
| | Isolation Resistance | I/P-O/P: 100M Ohms / 500VDC / 25°C / 70% RH |
| | EMC Emission | En55015, EN61000-3-2 Class C, EN61000-3-3 |
| | EMC Immunity | EN61000-4-2,3,4,5,6,8,11, EN614547 |
| Others | MTBF | 191800H, MIL-HDBK-217F @ 230VAC full load and 25°C ambient temperature |
| | Dimension | 365.6*43*30mm (L*W*H) |
| | Warranty | 5 Years |

- Bluetooth® mesh dimmable LED driver
- Class II power supply, full isolated plastic case, built-in active PFC function
- PF > 0.98, Efficiency > 93%, standby power < 0.5W
- Controlled through “Silvair mobile app”, easy and quick paring
- Mesh network, which has much longer control distance, transmits received signals to neighboring devices
- Supporting our kinetic energy switches and EnOcean switches EWSSB and EWSDB
- In typical indoor environment, the typical range for wireless communication is 20m to 25m . Actual range is dependent on field installation.
- On-board antenna
- Over-temperature/Over-load/ Over-voltage protection.
- Waterproof grade: IP20
- 5 Years Warranty

Safety & Warnings

- DO NOT install with power applied to the device.
- DO NOT expose the device to moisture.

Wiring diagram



Product Dimension

