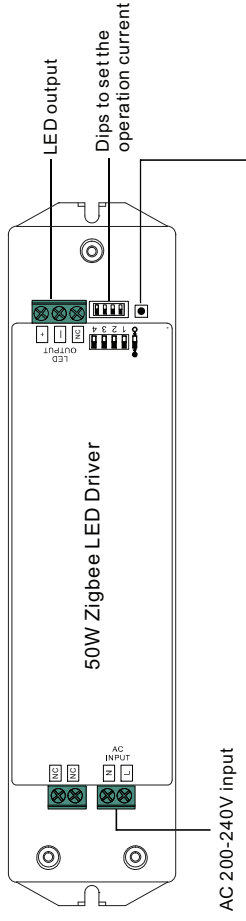


50W ZigBee CC LED Driver(constant current)



Important: Read All Instructions Prior to Installation
Function introduction

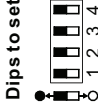


Program Key: short press to switch on/off load, press and hold down to increase/decrease light intensity

Product Data

LED Channel	1										
Selectable Current	250mA	300mA	350mA	400mA	450mA	500mA	550mA	600mA	650mA	700mA	750mA
DC Voltage Range	8-52V	8-52V	8-52V	8-52V	8-52V	8-52V	8-52V	8-52V	8-52V	8-52V	8-52V
Selectable Current	800mA	850mA	900mA	950mA	1000mA						
DC Voltage Range	8-52V	8-52V	8-52V	8-52V	8-52V	8-52V	8-52V	8-52V	8-50V		
Current Tolerance	±5%										
Rated Power	Max. 50W										
Voltage Range	200-240V AC										
Frequency Range	50/60Hz										
Power Factor (Typ.)	> 0.97										
Total Harmonic Distortion	THD ≤ 8% (@ full load / 230VAC)										
Efficiency (Typ.)	87% @ 230VAC full load										
AC Current (Typ.)	0.27A @ 230VAC										
Inrush Current (Typ.)	COLD START Max. 8A at 230VAC										
Leakage Current	< 0.5mA /230VAC										
Dimming Interface	Zigbee 3.0										
Dimming Range	0.1%-100%										
Dimming Method	Amplitude dimming (PWM dimming under 1%)										

Protection	Short Circuit	Yes, recovers automatically after fault condition is removed
	Over Voltage	Yes, recovers automatically after fault condition is removed
	Over Temperature	Yes, recovers automatically after fault condition is removed
	Working Temp.	-20°C ~ +45°C
	Max. Case Temp.	75°C (Ta= "45°C")
Environment	Working Humidity	10% ~ 95% RH non-condensing
	Storage Temp. & Humidity	-40°C ~ +80°C, 10% ~ 95% RH
	Safety Standards	ENEC EN61347-1, EN61347-2-13 approved
Safety & EMC	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, EN61000-3-3
	EMC Immunity	EN61547, EN61000-4-2, 3, 4, 5, 6, 8, 11
Others	MTBF	191300H, MIL-HDBK-217F @ 230VAC at full load and 25°C ambient temperature
	Dimension	210*50*32mm (L*W*H)



Dips to set the operation current

Current	1	2	3	4
250mA	○	○	○	○
300mA	○	○	○	●
350mA	○	○	○	●
400mA	○	○	○	●
450mA	○	○	○	●
500mA	○	○	○	●
550mA	○	○	○	●
600mA	○	○	○	●

- Dimmable LED driver, ZigBee device based on ZigBee 3.0 protocol
- Max. output power 50W total, 1 channel 250-1000mA constant current output
- Class II power supply, full isolated plastic case
- Built-in active PFC function, high power factor and efficiency
- Amplitude dimming (PWM dimming under 1%)
- Deep and smooth dimming to 0.1%, flicker free
- Standby power consumption less than 0.5W, meet latest ERP requirements
- Enables to control ON/OFF, light intensity
- ZigBee end device that supports Touchlink commissioning
- Can directly pair to a compatible ZigBee remote via Touchlink
- Supports find and bind mode to bind a ZigBee remote
- Supports zigbee green power and can bind max. 20 zigbee green power switches
- Compatible with universal ZigBee gateway products
- Waterproof grade: IP20, suitable for indoor LED lighting applications
- 5 years warranty

Safety & Warnings

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