

421879-XXXX-X0 45W Casambi Dimmable LED Driver

CONSTANT CURRENT LED DRIVER FOR LEDSTAR RANGE AND OTHER LED DEVICES

TECHNICAL DETAILS

Input Characteristics

- Input Voltage Range: 220 - 240 VAC
- Input Frequency Range: 50 - 60Hz
- Efficiency At Full Load: > 90%
- Power Factor At Full Load: > 0.95
- THD At Full Load: ≤ 10%
- Max Inrush Current: 5A 50µsec
- Circuit breaker loading (230Vac) : 16A Type B = 50 max , 16A Type C = 50 max

Output Characteristics

- Maximum LED output power: 45W
- Configurable LED output current range: 650 - 1400mA
- Configurable in 50mA increments within specified current range
- Current Regulation +/- 5% including temperature variations
- LED output voltage range: 8 - 45V

Protection

- Against overheating and short circuits
- Against mains voltage spikes
- Against overloads

Control Characteristics

- Control channels: 1
- Control protocol: Casambi

Environmental Conditions

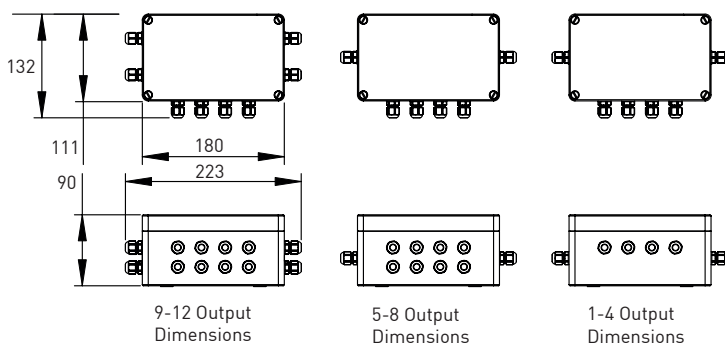
- Operating ambient temperature (Ta) range: -20 °C to +35 °C

Main Drive Currents

			LEDStar Mini		LEDStar Midi Standard		LEDStar Midi Narrow		PART NUMBER		
Driver Current	Driver Wattage	Driver Voltage	Voltage	Fittings (Min-Max)	Voltage	Fittings (Min-Max)	Voltage	Fittings (Min-Max)	1-4 Junction Box Outputs	1-8 Junction Box Outputs	1-12 Junction Box Outputs
1050mA	8-44W	8-42V	2.9V	3-12	16.9V	1-2	NA	NA	421879-1050-30	421879-1050-40	421879-1050-50
700mA	6-32W	8-45V	2.8V	3-12	16.5V	1-2	12.6V	1-4	421879-700-30	421879-700-40	421879-700-50

			LEDStar Maxi Standard		LEDStar Maxi Narrow		PART NUMBER		
Driver Current	Driver Wattage	Driver Voltage	Voltage	Fittings (Min-Max)	Voltage	Fittings (Min-Max)	1-4 Junction Box Outputs	1-8 Junction Box Outputs	1-12 Junction Box Outputs
1050mA	8-44W	8-42V	NA	NA	16.9V	1-2	421879-1050-30	NA	NA
700mA	6-32W	8-45V	38.4V	1	16.5V	1-2	421879-700-30	NA	NA

PRODUCT DIMENSIONS - IP66



PRODUCT DIMENSIONS - IP20 (421879-10)

