

421849-XXXX-X0 55W DALI Dimmable LED Driver

CONSTANT CURRENT LED DRIVER FOR LEDSTAR RANGE AND OTHER LED DEVICES

TECHNICAL DETAILS

Input Characteristics

- Input Voltage Range: 220 - 240 / 110 - 127 VAC
- Input Frequency Range: 50 - 60Hz
- Efficiency At Full Load: 92%
- Power Factor At Full Load: > 0.95
- THD At Full Load: ≤ 10%
- Max Inrush Current: < 10A at 230 VAC 200μs
- Circuit breaker loading (230Vac) : 16A Type B = 30 max , 16A Type C = 30 max

Output Characteristics

- Maximum LED output power: 55W (220-240 VAC) 40W (110-127 VAC)
- Number of LED outputs: 1
- Programmable LED output current range: 1050 - 2100mA
- LED output type: Switchable in increments within specified current range
- LED output current tolerance: +/- 5% at programmed LED output current
- LED output voltage range: 2 - 58V

Protection

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

Control Characteristics

- Control channels: 1
- Control protocol: DALI 2
- Dimming range: 0/0.5-100%

Environmental Conditions

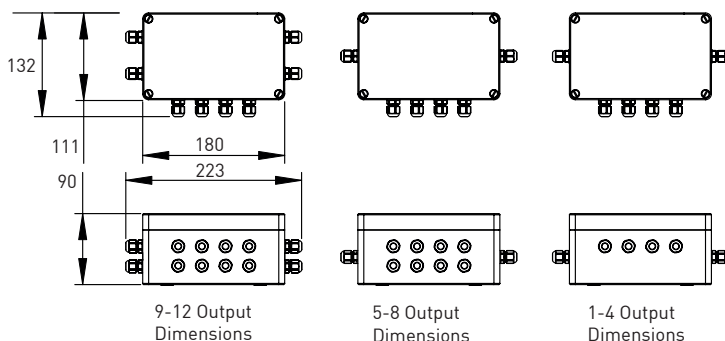
- Operating ambient temperature (Ta) range: -25 °C to +35 °C

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	2.1-61W	2-58V	2.9V	1-12	16.9V	1-2	NA	NA	421849-1050-30	421849-1050-40	421849-1050-50

			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	2.1-61W	2-58V	NA	NA	16.9V	1-2	421849-1050-30	-	-

PRODUCT DIMENSIONS - IP66



PRODUCT DIMENSIONS - IP20 (421849-10)

