



Output current of 700mA

Power factor: > 0.94

Dimming control: smooth dimming from 100% to 0%, choice of linear or logarithmic dimming curve

High efficiency over a wide power and voltage range: 90% at full load, ≥ 87% above 50W output

Maximum (rated) power of 100w available over wide LED voltage (30-60V)

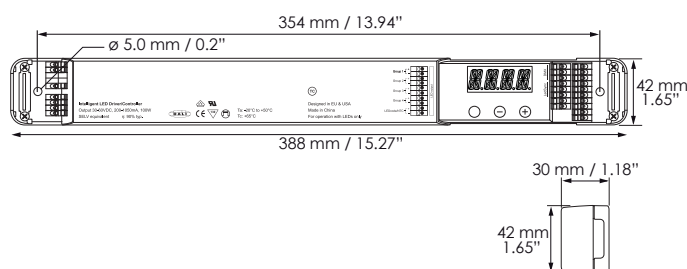
LEDcode/NTC interface available for robust thermal management

Ambient temperature rating of -40°C to 50°C

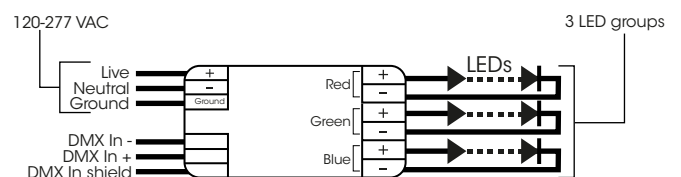
**acdc** LED range – 3 channels x (1-12) LEDs

Technical Specification	
Mains input voltage	120 - 277 VAC
Mains frequency	50/60Hz
Power factor at full load	> 0.94
Efficiency at full load	90%
Mains surge protection	3kV (L to N), 4kV (L/N to GND)
Input-output isolation	Yes
Ambient temperature range	-40°C to 50°C
Maximum case temperature (Tc)	90°C
Thermal trip	LED temperature feedback using 47kΩ NTC thermistor
Maximum output power	100W max
Output current (Switchable)	Ch1: 500mA. Ch2/Ch3: 700mA.
LED string voltage	2.5v to 60V max
Dimension	388 x 42 x 30 mm
Airspace volume	2700cm <sup>3</sup>
Terminal blocks	Power: Line, Neutral and Ground & DMX in: +, - and shield
Max recommended wire size	0.5mm <sup>2</sup> - 1.5 mm <sup>2</sup>
Weight	890 g
Compliance Standards	IEC 61347-1, IEC 61347-2-13, IEC 62384 + A1, EN 55015 + A1, EN 55022 + A1, IEC 61000-3-2, IEC 61547 + A1, IEC 62386-207

## Dimensions



## Wiring Diagram



Secondary Cable	Distance in Metres				
	<35m	<50m	<75m	<90m	<100m
Cross section area per conductor	0.5mm <sup>2</sup>	1mm <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup>