



Output current of 700mA

Dimming control Hybrid Hydradrive ensures smooth dimming from 100% to 0%

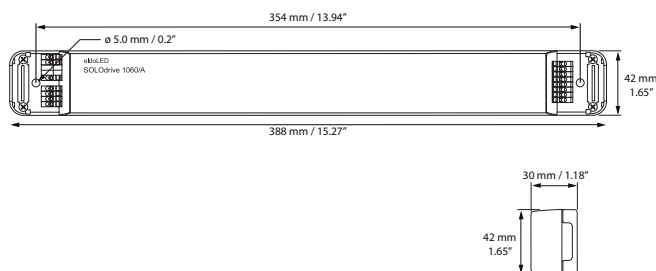
High efficiency over a wide power and voltage range: 90% at full load, ≥ 87% above 50W output

This 1-10v driver is a current source driver, compatible with both current sink and current source controls.

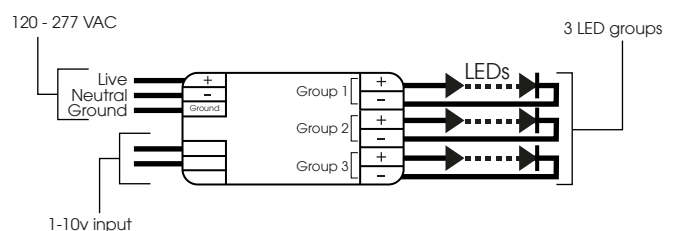
acdc LED range 3 x (1-12) LEDs

Technical Specification	
Mains input voltage	120 - 277 AC
Mains frequency	50 to 60 Hz
Power factor at full load	0.94
Efficiency at full load	90%
Mains surge protection	3kV (L to N), 4kV (L/N to GND)
Ambient temperature range	-40°C to 50°C
Maximum Tc temperature	90°C
Thermal trip	LED temperature feedback using 47kΩ NTC thermistor
Output current	700mA
Dimming range	0% - 100%
Max output power	100W
LED string voltage	2.5v to 60v max
Dimensions	388 x 42 x 30mm
Airspace volume	2700cm ³
Max recommended wire size	0.5 - 1.5mm ²
Weight	705g
Compliance	EN 61347-1 / -2-7 / -2-13, EN 62384, EN 55015, EN 55022, EN 61000-3-2, EN 61547,

Dimensions



Wiring Diagram



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