

Orion Mini Profile

Miniature LED lighting strip for discrete applications



Features

- On-board driver technology
- Thermal feedback circuit
- Powered by Luxeon Rebel™
- Weatherproof options available
- Wide input range 12-30V DC
- Integral mounting holes at each end of unit for No. 2 Screw

Description

The Orion is the latest innovative design incorporating Luxeon Rebel™ LED Technology.

Typically used for under-shelf or cabinet lighting, this outstanding fitting can also be used for retail displays, signage, script lighting, artwork illumination, refrigeration lighting, cove lighting and fluorescent replacement.

Available in a variety of sizes and colour combinations, the Orion can create any mood or effect that you desire. An IP68 version is also available for outdoor use.

The Orion has on-board driver technology and so can be connected directly to a 12-30V DC power source, making it ideal for mobile applications whilst thermal feedback circuitry ensures that the LEDs do not overheat due to adverse ambient temperatures.

RECOMMENDED DRIVERS

Model
D6CV12
D100CV12

We reserve the right to make changes at any time in order to maintain the highest product quality.

Orion Mini Profile - Revision C - 20 May 2009

LIGHTING PERFORMANCE

Model	Light Source	LED Qty	Lumen Output	Expected Lifetime
R2SC100	Luxeon Rebel	2	160	50,000hrs +
R4SC200	Luxeon Rebel	4	320	50,000hrs +
R6SC300	Luxeon Rebel	6	480	50,000hrs +
R8SC400	Luxeon Rebel	8	640	50,000hrs +
R10SC500	Luxeon Rebel	10	800	50,000hrs +
R20SC1000	Luxeon Rebel	20	1600	50,000hrs +

NB: Lumen values quoted on Cool White (6500°K)

INPUT DATA

Model	Approx. Power Consumption	Input Voltage	Power Supply	Input Connection
R2SC100	2.8W	12-30V DC	Constant Voltage DC	Flying Lead
R4SC200	5.6W	12-30V DC	Constant Voltage DC	Flying Lead
R6SC300	8.4W	12-30V DC	Constant Voltage DC	Flying Lead
R8SC400	11.2W	12-30V DC	Constant Voltage DC	Flying Lead
R10SC500	14W	12-30V DC	Constant Voltage DC	Flying Lead
R20SC1000	28W	12-30V DC	Constant Voltage DC	Flying Lead

OPERATING DETAILS

Model	LED Drive Current	Ambient Temperature Range
ALL	350mA	"-10 to +40 Degrees C"

PHYSICAL DETAILS

Model	Mounting Type	Finish	Length
R2SC100	Mounting holes-each end 2.4mm	Bright Polished Anodised	120mm
R4SC200	Mounting holes-each end 2.4mm	Bright Polished Anodised	220mm
R6SC300	Mounting holes-each end 2.4mm	Bright Polished Anodised	320mm
R8SC400	Mounting holes-each end 2.4mm	Bright Polished Anodised	420mm
R10SC500	Mounting holes-each end 2.4mm	Bright Polished Anodised	520mm
R20SC1000	Mounting holes-each end 2.4mm	Bright Polished Anodised	1020mm

OPTIONS

Model	Single LED Colours	RGB	Optic
ALL	Red, Green, Blue, Amber, Cool White, Neutral White, Warm White	Yes	No

DRIVE LIMITATIONS

Model	Max. number of Units per Driver (12V)	
	D6CV12	D100CV12
R2SC100	20	30
R4SC200	10	15
R6SC300	6	10
R8SC400	5	8
R10SC500	4	6
R20SC1000	2	3

PROFILE DIMENSIONS

