

# 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
<b>D6CV12</b>
<b>D100CV12</b>

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

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### LIGHTING PERFORMANCE

Model	Light Source	LED Qty	Lumen Output	Expected Lifetime
<b>R2SC100</b>	Luxeon Rebel	2	190	50,000hrs +
<b>R4SC200</b>	Luxeon Rebel	4	380	50,000hrs +
<b>R6SC300</b>	Luxeon Rebel	6	570	50,000hrs +
<b>R8SC400</b>	Luxeon Rebel	8	760	50,000hrs +
<b>R10SC500</b>	Luxeon Rebel	10	950	50,000hrs +
<b>R20SC1000</b>	Luxeon Rebel	20	1900	50,000hrs +

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

### INPUT DATA

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

### OPERATING DETAILS

Model	LED Drive Current	Ambient Temperature Range
<b>ALL</b>	350mA	-10 to +40 Degrees C

### PHYSICAL DETAILS

Model	Mounting Type	Finish	Length
<b>R2SC100</b>	Mounting holes-each end 2.4mm	Clear Anodised	126mm
<b>R4SC200</b>	Mounting holes-each end 2.4mm	Clear Anodised	226mm
<b>R6SC300</b>	Mounting holes-each end 2.4mm	Clear Anodised	326mm
<b>R8SC400</b>	Mounting holes-each end 2.4mm	Clear Anodised	426mm
<b>R10SC500</b>	Mounting holes-each end 2.4mm	Clear Anodised	526mm
<b>R20SC1000</b>	Mounting holes-each end 2.4mm	Clear Anodised	1026mm

### OPTIONS

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

### DRIVE LIMITATIONS

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

### PROFILE DIMENSIONS

