

Orion-60

Miniature LED lighting strip for discrete applications



Features

- Stylish Design
- Robust Construction
- Powered by Seoul Semi LEDs
- Weatherproof options available
- 12V DC or 24V DC operation
- Integral mounting holes at each end of unit for No. 2 Screw
- Can also be mounted using optional Mini-Profile Mounting Brackets.

Description

The Orion-60 is the latest innovative design incorporating Seoul Semiconductor LED Technology.

Typically used for under-shelf or cabinet lighting, this stylish 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 three white colour outputs, the Orion-60 can create any mood or effect that you desire. An IP68 version is also available for outdoor use.

The Orion-60 can be connected directly to a 12V-24VDC power source, making it ideal for mobile applications whilst having a wide ambient temperature range (-25°C to +60°C) ensures that it can be used in the harshest environments.

RECOMMENDED DRIVERS

Model
D6CV12
D100CV12

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

Orion-60 - Revision A - 14 February 2010

LIGHTING PERFORMANCE

Model	Light Source	LED Qty	Lumen Output	Expected Lifetime
S12SC100	Seoul LCW100Z	12	79	50,000hrs +
S24SC200	Seoul LCW100Z	24	158	50,000hrs +
S36SC300	Seoul LCW100Z	36	237	50,000hrs +
S48SC400	Seoul LCW100Z	48	316	50,000hrs +
S60SC500	Seoul LCW100Z	60	396	50,000hrs +
S120SC1000	Seoul LCW100Z	120	792	50,000hrs +

NB: Lumen values quoted on Cool White

INPUT DATA

Model	Approx. Power Consumption	Input Voltage	Power Supply	Input Connection
S12SC100	0.85W	12-24V DC	Constant Voltage DC	Flying Lead
S24SC200	1.70W	12-24V DC	Constant Voltage DC	Flying Lead
S36SC300	2.55W	12-24V DC	Constant Voltage DC	Flying Lead
S48SC400	3.40W	12-24V DC	Constant Voltage DC	Flying Lead
S60SC500	4.25W	12-24V DC	Constant Voltage DC	Flying Lead
S120SC1000	8.50W	12-24V DC	Constant Voltage DC	Flying Lead

OPERATING DETAILS

Model	LED Drive Current	Ambient Temperature Range
ALL	20mA Nominal	-25°C to +60°C

PHYSICAL DETAILS

Model	Mounting Type	Finish	Length
S12SC100	Mounting holes-each end 2.4mm	Clear Anodised	126mm
S24SC200	Mounting holes-each end 2.4mm	Clear Anodised	226mm
S36SC300	Mounting holes-each end 2.4mm	Clear Anodised	326mm
S48SC400	Mounting holes-each end 2.4mm	Clear Anodised	426mm
S60SC500	Mounting holes-each end 2.4mm	Clear Anodised	526mm
S120SC1000	Mounting holes-each end 2.4mm	Clear Anodised	1026mm

OPTIONS

Model	Single LED Colours	RGB	Optic
ALL	Cool White (6300°K), Neutral White (4000°K), Warm White (3000°K)	No	No

DRIVE LIMITATIONS

Model	Max. number of Units per Driver (12V)	
	D6CV12	D100CV12
S12SC100	70	117
S24SC200	35	58
S36SC300	23	39
S48SC400	17	29
S60SC500	14	23
S120SC1000	7	11

PROFILE DIMENSIONS

