sensio®
furniture lighting solutions

UKCA RoHS CE ⚠ FRAGILE 🚮 ⬦ III

Benefits

- Chip On Board LED Technology for long life
- Energy Saving (Good Lumens per watt ratio)
- Higher Light Density
- Better Thermal Conduction
- Ideal for any Kitchen Design

Key Features

- Dimmable.
- High Lumens per Watts
- High Color Rendering Index >90
- Available in Warm , Natural and Cool White

Product overview

The new Polar flexible strip is an innovative solution designed specifically to provide a uniform light output with no visible diodes.

Chip on board (COB) technology allows much smaller diodes to be manufactured into the strip, therefore achieving a much higher light density. The result is one continuous line of light.

Other clever features have also been integrated into the design such as cut marks every 31mm so the strip can be cut closer to the desired length, and driver connection cables soldered at either side of the strip for the 5 meter variants and on one side for the 2 meter variant. Finally, as per usual at Sensio the strip runs at 24V which ensures a cool operating temperature and also prevents volt drop.

Technical Specification

Wattage	6W/m
Voltage	24V
Light Output (lm)	600 Lumens per meter
Lumens per Watt (Efficacy)	100
CRI	>90
Cut Marks	31mm
Beam Angle	180°
Number of LED per m	512
Color Temperature	Warm White: 3000 K
	Natural White: 4000 K
	Cool White: 6500 K
Connector	1.5m at each end
Tape	3M VHB
Operating Temperature	-30°C to + 45°C

Mechanical Specification

Product	Dimension (mm) L x W x D	Weight (Grams)	IP Rating
SE20055W0	5000 x 8 x 1.5	120	20
SE20055N0	5000 x 8 x 1.5	120	20
SE20055C0	5000 x 8 x 1.5	120	20
SE20125N0	2000 x 8 x 1.5	49	20

Order Codes

Description	Order Code	Barcode	Carton (QTY)
Polar - Warm White – 5M Reel	SE20055W0	5060522083924	50
Polar - Natural White – 5M Reel	SE20055N0	5060522083917	50
Polar - Cool White – 5M Reel	SE20055C0	5060522083931	50
Polar - Natural White – 2M Reel	SE20125N0	5060522088561	50