SEDNA®
lighting

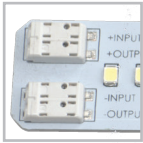| ECA Compliant	5Yr	Part L Compliant	IP00	omni LED Light Engines

OMNI® Pluggable LED Light Engines - Linear Series

Pluggable linear light modules from OMNI® - delivering the next generation in lighting technology with a market leading typical module efficacy of 163lm/W (25°C) delivering up to 4,500lm from a single module.
Retrofit 'plug-&-play' design for simple installation across a range of linear fittings - with options in 560mm / 713mm / 1140mm / 1420mm - **suitable for upgrading conventional luminaires or long-term serviceability / replacement of inferior and out-dated light engines.** 45,000h lifetime (LM79/80), wide variety of power options as well as **Tridonic® looping in/out PCB wire connectors ensure light modules are simple & easy to install throughout** a range of applications. Further benefits inlcude 4mm push-fit rivets (SD-OMNI-PUSH Qty. 200) and self-adhesive backing for secure fixing mounted on a high-grade aluminium substrate (1050 alloy), industry recognised as of the highest thermal conductivity to ensure superior chip stability. Further benefits include snap-on frosted/clear diffusers (SD-OMNI-CL/FR - 560mm/713mm/1140mm/1420mm) for diffused lumen output, increased uniformity & extra protection. Range of high efficiency constant current drivers with **Molex® quick-fit connectors also available from 350mA - 7500mA** to suit a wide of light engine configurations. 1-10V Analogue dimmable (-AD) & DALI (-DL) also available (refer to range of constant current drivers for further information).
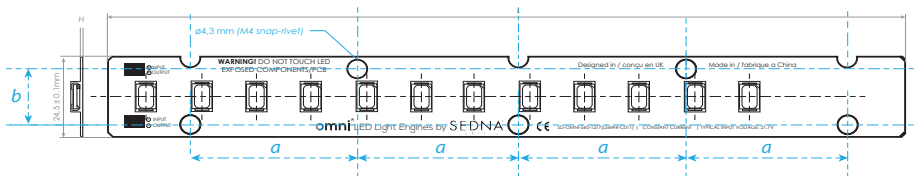
Product information
Durable with a rated life span of +45,000 hours / No UV or IR emissions / Instant on & Flicker free / CE & RoHS international standards / Environmentally friendly & part recyclable: no mercury or other hazardous materials used / 1050 aluminium alloy PCB / PMMA optic lens / Tridonic® looping in/out PCB wire connectors / Rear self-adhesive backing / PC push-fit rivets for quick installation & secure fixing

Code	Nominal Size	Typ. Luminous Flux (25°C)	Typ. Forward Voltage (+/- 10%)	Typ. Forward Current	Typ. Consumption (25°C)	Luminous Efficacy (25°C)	LED Qty
SD-OMNI-560-6/12(L56W4-C011)	560mm x 24.5mm x 3.2mm	1,100lm	36.0V	350mA (2 pcs)	6.3WW	164lm/W	72pcs
SD-OMNI-713-11/12(C020)	713mm x 24.5mm x 3.2mm	1,800lm	36.0V	620mA (2pcs)	11W	161lm/W	132pcs
SD-OMNI-1140-20/12(C030)	1140mm x 24.5mm x 3.2mm	3,200lm	36.0V	620mA	22W	151lm/W	240pcs
SD-OMNI-1420-27/12(C040)	1420mm x 24.5mm x 3.2mm	4,600lm	36.0V	830mA	30W	153lm/W	280pcs

Technical Specifications

Luminous Efficacy: 162m/W

Input Voltage: DC 30 - 50V (Constant Current)

High Colour Rendering Index ≥ 80Ra

LED Type: Epistar SMD2835 LEDs

Operating Temperature: -20°C to 50°C

Colour Temperature: PW 5500-6000K

Available in the following lumen finishes:

Pure White

Other colours are available on request

Denomination	L	W	H	a	b	Øc
Measurement (mm)	560 / 713 / 1140 / 1420	24,5	3,2	110	16,2	4,3

OMNI® Light Engine
560mm / 713mm / 1140mm / 1420mm

Pure White

E info@sedna.lighting   W www.sedna.lighting   T (+44)2920 099 092   F (+44)2920 099 091   A Sedna Lighting (UK), Southpoint Industrial Estate, Cardiff, CF10 4LQ

Rev 2.0 | Feb 2015