

110V or 230V LED Strip light

PLANETSAVER[®] LED Strip Lighting from DfX Technology is a range of ultra-slim, low profile, linkable, low power LED (Light Emitting Diode) Strip Lighting available as a direct replacement for existing T4 fluorescent lighting designs.

PLANETSAVER[®] LED Strip Lighting gives all the benefits of long lamp life (up to 10 years continuous operation), low power consumption (reduced carbon footprint), with the added benefit of a low operating temperature at a competitive price.

Incorporated into the DfX PLANETSAVER[®] design is an output socket, allowing multiple LED strips to be 'daisy chained' together to form one long continuous chain of light. Any combination of 300mm through to the 800mm lamps may be connected together as long as the maximum VA is not exceeded. (For 230V version the maximum is 460VA and for the 110V the maximum is 230VA.) Each LED strip light has an integral switch so that individual lamps can be switched off independently.

Typical applications for the DfX PLANETSAVER[®] range include 'under-shelf' retail lighting, refrigeration illumination, 'back-bar' chiller cabinets and kitchen pelmets and cabinets.

Features include: longer life than 'low energy' lamps, lights up instantly at full brightness, directly linkable and easy to install with mounting clips included, 'cold', 'pure' & 'warm' white colour temperature available, integral on/off switch, internal fuse protection, runs 'cool', does not contain mercury or produce UV, direct replacement for T4 style fluorescent fittings, 'clear' or 'pearl' diffuser available.

DfX Technology's PLANETSAVER[®] LED strip lighting, provides an affordable, reliable, long-life, low energy lighting solution that will literally help to save the planet.



110V or 230V AC

Specification 110V or 230V AC LED Strip light

Lamp dimensions	Current @110V	VA @110V	Current @230V	VA @230V	Weight grams	No. of LEDs	Light Output
20 * 44 * 320 mm	59 mA	6.5VA	26 mA	6VA	100	28	42 cd
20 * 44 * 420 mm	59 mA	6.5VA	26 mA	6VA	130	40	60 cd
20 * 44 * 520 mm	110 mA	12VA	52 mA	12VA	180	52	78 cd
20 * 44 * 620 mm	110 mA	12VA	52 mA	12VA	210	64	96 cd
20 * 44 * 720 mm	110 mA	12VA	52 mA	12VA	250	76	114 cd
20 * 44 * 820 mm	110 mA	12VA	52 mA	12VA	280	88	132 cd

Lamp

Colour Temperature
Cold White (7500K)
Pure White (5000K)
Warm White (3000K)

'Clear' or 'pearl' diffuser available
Lamp Life up to 100,000 hours
Built in redundancy against lamp failure

Environmental

Operating Temperature -20 OC ... + 45 OC
Storage Temperature -40 OC ... + 65 OC
Relative Humidity 0 to 90% Non-condensing

Materials

Case Flame-retardant ABS V0 rated
Lens Polycarbonate V2 rated

Voltage & Connection

110V or 230V AC 50 Hz and 60 HZ +/- 5%
Internal fuse protection 200 mA (not user replaceable)

Mechanical

Integrated on/off switch
Fixing Bracket (2 per) Straight, or 90°

Accessories

AC power lead 2m, with or without plug. (To suit local requirements)
Link cable (250mm, 500mm & 1,000mm)

Design & Manufacturing

Designed & Manufactured to ISO9001:2000 Quality Assurance Standard, and tested for compliance with European CE Certification for use across the European Union. RoHS compliant. Specification may change without notice.

The Range

The PLANETSAVER[®] range consists of lamps from 300mm to 800mm in length, 12V DC, 24V DC, 110V AC & 230V AC.

For more details regarding the DfX Planetsaver[®] range contact DfX sales or visit www.dfxtech.co.uk/planetsaver