

PLANETSAVER®

ULP STRIP LIGHT

Planetsaver® - Ultra Low Profile (ULP) LED Strip Light 12V dc



From DFx Technology Ltd., DFx **Planetsaver® LED Ultra Low Profile (ULP)** Strip Lights.

DFx Planetsaver® LED ULP Strip Lights are part of a new range of **ultra-slim, linkable, low-power** LED (Light Emitting Diode) strip lighting designed as a direct **replacement for existing fluorescent** lighting designs.

At **only 16.5mm high** DFx Planetsaver® ULP Strip Lights are extremely slim and still give all the benefits of **long lamp life** (up to 50,000 hours or 6 year continuous operation), **instant full brightness**, low power consumption (reduced carbon footprint), with the added benefit of a low operating temperature at a **competitive price**. These come complete with adhesive pads for installation to suit virtually any application, as they are extremely light.

Power connection is through an **industry standard 1.3mm low voltage plug**. Any combination of 300mm through to the 800mm lamps may be powered by the same transformer (60 VA Wall Mounted - sold separately) using the distribution box (sold separately) provided that the maximum VA for the transformer is not exceeded.

Typical applications for the DFx Planetsaver® range include **'under-shelf' retail lighting, refrigeration illumination, 'back-bar' chiller cabinets and kitchen pelmets and cabinets**.

DFx Planetsaver® LED Ultra Low Profile Strip Lights are available with **clear or pearl diffusers** in the following **sizes: 300mm, 400mm, 500mm, 600mm, 700mm and 800mm**.



Specifications- Ultra Low Profile (ULP) LED Strip Light 12V dc

Lamp Dimensions	Current	Power Rating	No. of LEDs	lm/W (Clear)	Light Output /Lumens (Clear Diffuser)
16 * 16 * 320 mm	290 mA	3.5 W	32	56	192
16 * 16 * 420 mm	400 mA	4.8 W	44	57	264
16 * 16 * 520 mm	500 mA	6.0 W	56	57	336
16 * 16 * 620 mm	610 mA	7.3 W	68	56	408
16 * 16 * 720 mm	720 mA	8.6 W	80	57	480
16 * 16 * 820 mm	830 mA	9.9 W	92	56	552

Lamp

Colour Temperature

Cold White (7500K)
Pure White (5000K)
Warm White (3250K)

'Clear' or 'pearl' diffuser available

Lamp Life

up to 50,000 hours

Built in redundancy against LED failure

Environmental

Operating Temperature

-20°C...+30°C

Storage Temperature

-40°C...+65°C

Relative Humidity

0% to 90% Non-condensing

Materials

Case

Flame-retardant ABS V0 rated

Lens

Polycarbonate V2 rated

Voltage & Connection

12V dc (see label)

+/- 15%

Electrical Connection

1.3mm low power socket

Mechanical

Fixed by adhesive pads (included) due to the units being very lightweight

Accessories (sold separately)

2m 12V dc Power Lead (bare ended).

12V dc 'Plug-and-Play' Wall Mounted Power Supply (1 Lamp)

Surface Mounting Transformer (60VA) for use with Distribution Box (connects multiple lamps)

Design & Manufacture

Designed & manufactured to ISO 9001:2000

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® ULP range consists of lamps from 300mm to 800mm in length.

For more details visit: www.dfxtech.co.uk/planetsaver

Accessories for Planetsaver® Ultra Low Profile (ULP) 12V dc Strip Lights



Power Lead:

2m



'Plug-and-Play' Transformer:

With UK, EURO or USA plug
- suitable for one lamp



Surface Mounted Transformer (60VA)



Distribution Box