

## 12 Volt DC LED Ultra-Low Profile Strip light

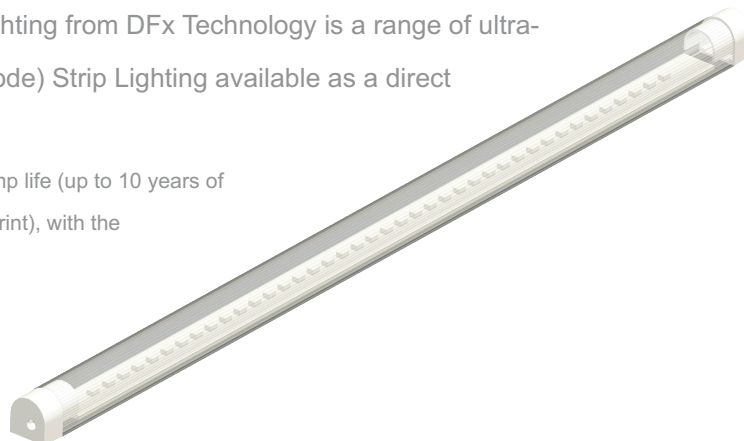
PLANETSAVER<sup>®</sup> LED Ultra Low Profile (ULP) Strip Lighting from DFX Technology is a range of ultra-slim, ultra-low profile, low power LED (Light Emitting Diode) Strip Lighting available as a direct replacement for existing fluorescent lighting designs.

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

Typical applications for the DFX PLANETSAVER<sup>®</sup> range include 'under-shelf' retail lighting, refrigeration illumination, 'back-bar' chiller cabinets and kitchen pelmets, cabinets, cars, trailers, caravans, boats and other vehicles.

**Features include:** longer life than 'low energy' lamps, lights up instantly at full brightness, easy to install with mounting clips included, 'cold', 'pure' & 'warm' white colour temperature available, runs 'cool', does not contain mercury or produce UV, 'clear' or 'pearl' diffuser available.

DFx Technology's PLANETSAVER<sup>®</sup> LED strip lighting provides an affordable, reliable, long-life, low energy lighting solution that will literally help to save the planet.



12 V DC

### Specification

### 12V DC LED ULP Strip light

Lamp dimensions	Current	Power rating	No. of LEDs	Light Output
16 * 16 * 320 mm	290 mA	3.5 VA	32	48 cd
16 * 16 * 420 mm	400 mA	4.8 VA	44	66 cd
16 * 16 * 520 mm	500 mA	6.0 VA	56	84 cd
16 * 16 * 620 mm	610 mA	7.3 VA	68	102 cd
16 * 16 * 720 mm	720 mA	8.6 VA	80	120 cd
16 * 16 * 820 mm	830 mA	9.9 VA	92	138 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 LED failure

#### Environmental

Operating Temperature  
-20 °C ... + 45 °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  
Electrical Connection  
+/- 15%  
1.3 mm low power socket

#### Mechanical

Fixing by double side tape (units are very light)

#### Accessories

2 metre 12 Volt supply lead (bare ended)

#### 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<sup>®</sup> 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<sup>®</sup> range contact DFX sales or visit [www.dfxtech.co.uk/planetsaver](http://www.dfxtech.co.uk/planetsaver)  
Email: [sales@dfxtech.co.uk](mailto:sales@dfxtech.co.uk)