



LIGHTING DESIGNED
To **SAVE YOU MONEY AND**
REDUCE YOUR CARBON FOOTPRINT



SkyLight

LED Ceiling Tile Replacement

The **SkyLight** LED ceiling light is derived from the **SunFAMILY** group of LED luminaires. **SkyLight** is capable of providing between 45 - 60% cost savings compared with traditional lighting solutions and is specifically designed for indoor lighting applications. It is ideally suited to office / shops installations as a direct replacement for existing low level lighting or as a suspended unit hanging from ceilings or fitted directly to the ceiling itself.



Daylight dimming, occupancy PIR dimming and activation can be made available from off the shelf products.

The 44watt SkyLight will replace a 76watt CFL ceiling tile light providing over 700 lux at desk level.

Typically less SkyLight LED lights are required than the standard CFL tile lights.

Designed, manufactured, assembled and tested in the UK.

Imagine never having to change a bulb again.....

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UK Company Registration No: 6451580



SkyLight LED Indoor Lighting



SkyLight is a modular light that can be used in many applications. It is an extremely bright light with a very low power consumption. The light has been designed as a direct replacement for the standard 600mm x 600mm recessed ceiling unit offering up to a 42% saving in energy consumption with further potential savings when the light's power control features are utilised. (Additional enclosure shapes and sizes can also be provided)

SkyLight can be linked to a daylight saving device or an occupancy PIR motion detector to dim the lights when not required. The daytime dimming device offers automatic modulate light output in response to ambient light levels (with potential additional energy savings). Use of a PIR allows the extinguishing of the light during periods of no traffic.

SkyLight products can be manufactured to customer specification in order to provide a spectrum of desired colour rendering (Ra) and colour appearance (K) which has no 50hz flickering associated with tube technology. Independent tests have proven that working under more natural light increases concentration, productivity and reduces sickness incurred by SAD, migraines or headaches.

Specifications

Product Code:	Lumens	Actual Measured
SL6060	SL6060/44 - 44 watts =	3,050 lm
SL12030	SL12030/44 - 44 watts =	3,050 lm
	SL12030/66 - 66 watts =	4,575 lm
	Other versions available upon request	
	Available in AC Power (A) or DC Power (D) options	
Supply Voltage	20 – 28VDC 90 – 264VAC	
Power Rating	85% efficient	
Lumen Level	Average <3,050 lumens actual measured in fixture	
Operating Temperature	- 30 °C to + 70 °C Ambient	
Circuitry Operating Temperature	LEDs – 150 °C Maximum Tj (Junction Temperature) Controller board circuitry – 105 °C Maximum Typical operating conditions at full power, Tj = 80 °C	
Ingress Classification	IP44	
Body Material	Mild Steel powder coated	
Lens Material	Polycarbonate graded at ISO 178— Diamond prismatic	
Light Cooling	Convection & Software Temperature Controlled	
Colour Appearance & Rendering	2,700°K – 6,350°K range (Warm white, cool white or RGB (Red Green Blue) Typical 5,300°K– 6,350°K offering Ra=75 — 90 (CRI=75—95%)	
LED Lifetime	Approx. 77,000hrs to L70 57,000hrs to LM 80	
Photocell	Externally mounted in ceiling (3rd Party)	
Compliance	CE, RoHS, BS EN 60598-2-3:2003, BS EN 60598-1:2004	
Finish	Powder coated finish, white. custom colour upon request	
Dimensions	H 40mm x W 600mm x L 600mm H 40mm x W 300mm x L 1200mm Other sizes available	
Mounting	Ceiling recessed, ceiling mounted, wall mounted or ceiling suspended	
Weight	3.5kg	
Production	Made in United Kingdom	
Warranty	2 year full replacement or 5 year extended warranty available	

Functions & Features at a glance

- LED temperature control.**
 The LED fixture has been tested to prove the MCPCB dielectric material meets the LM 80 and L70 as stated.
- PIR movement sensors.**
 Used to trigger a single light or a group of lights in a common area. Ideal for corridors and zoned areas
- Lifetime performance.**
 Expected life of the fixture if operating at an ambient temperature of 25°C for 12 hours per day = 18 years without bulb replacement.
- Colour rendering.**
 Our standard package has Ra ≥ 75.
- Typical Replacement**
 The 44watt SkyLight will replace a 76watt CFL ceiling tile light providing over 700 lux at desk level.

To achieve 500 lux at desk level for a typical office of 5m x 5m only 9 lights will be required compared with 12 normally, this will not only provide a 42% saving on running costs but a reduced cost initially on a new build.

Please contact us for further information or to discuss your specific requirements

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