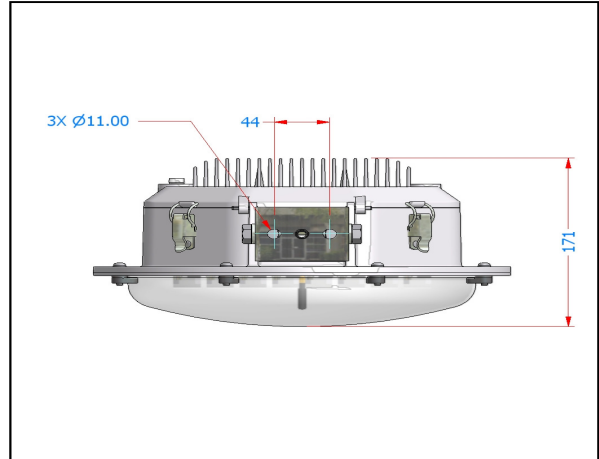
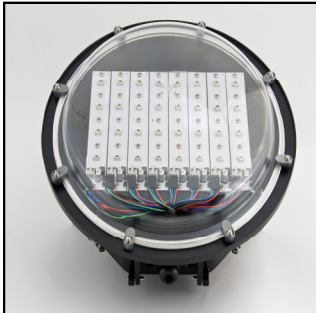


SunBURST 8



INTELLIGENT ENERGY SAVING SOLUTIONS WITH THE SunBURST 8. The SunBURST LED light is capable of providing 60%- 90% cost savings compared with traditional lighting solutions.



FEATURES:



◆ Photovoltaic PV Sensor

Automatically adjusts the LED light output in response to ambient light levels. LED power output to ambient light level matrix is fully programmable.

◆ Automatic LED Temperature Control

Will automatically reduce if the LED PN junction exceeds the set operating temperature (ensures maximum lamp life).

◆ PIR Movement Sensors

Used to trigger a single light or a group of lights in common or multiple areas. Ideal for storage facilities. Wirelessly no need for cabling between lights.

◆ Lighting Schedules

A range of 32 schedules can be programmed facilitating various power saving modes. Schedule 24/7 on/off dimming etc.

◆ Radio Control

Full wireless remote control of all parameters is possible from a control PC via a radio interface. No need for cables or access equipment. No cost for data.

◆ Advanced Control

Includes fault reporting, 1-100% dimming from any output power, timer and system diagnostics, alarms, history ramping power from 0 sec-2 hours, security etc.

◆ Colour Rendering

Our standard package has $Ra \geq 75$.

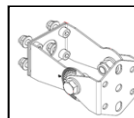
◆ Settings

All settings are programmable allowing for 100% light customisation.

◆ Rotation LED Module & variable optics

Various optics can be applied and used to maximise the light output potentially allowing for the light to be dimmed further to save power.

BRACKETS: Choose from our following brackets:



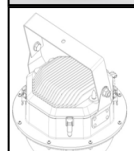
Type 1 Bracket
Rotating wall



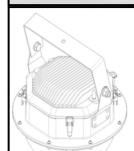
Type 4 Bracket
Vertical pole mount up to 76mm



Type 6 Bracket-76mm mount



Type 10 Bracket-62mm mount



Type 15 Bracket
Hanging

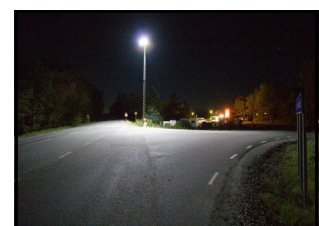
APPLICATIONS:-

Before 750watts

- Flood & Area Lighting
- Security Lighting
- Car Forecourts
- Car Park Lighting
- Sign Lighting
- Street Lighting



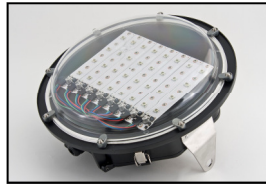
LED After 150watts



SunBURST 8



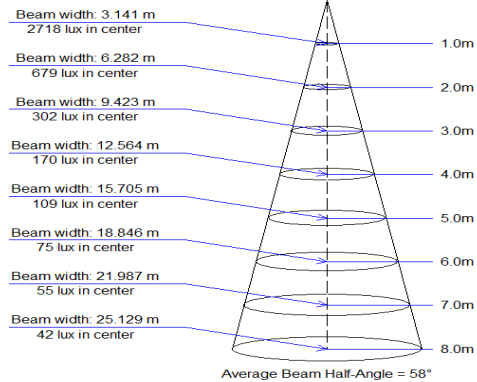
SPECIFICATIONS:



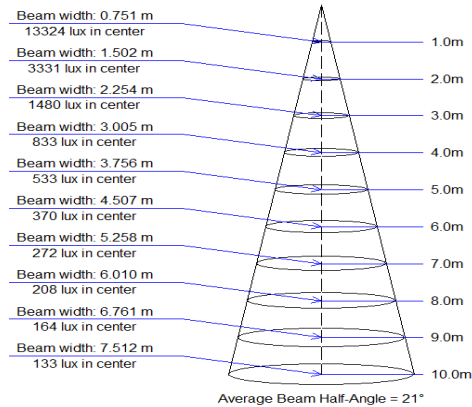
◆ PRODUCT CODE:	SUNBURST 8 (80W) SB8 Available in AC Power (A) or DC Power (D) options
◆ SUPPLY VOLTAGE	20 – 28VDC, 90 – 264VAC & 127 – 396VDC PFC—0.90 @ 240VAC—0.98 @ 115VAC
◆ POWER RATING	Programmable and variable range between 8 – 80 Watts 8—70 Watts (INDOOR) Circuit Power - 88watts @ max
◆ LUMEN LEVEL	Average actual measured lumens 6,240
◆ OPERATING TEMPERATURE	- 35°C to + 60°C Ambient (with cold start protection using ramp set)
◆ 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
◆ HUMIDITY	0 – 99%
◆ INGRESS CLASSIFICATION	IP66
◆ BODY MATERIAL	High Grade Cast Aluminium, Powder Coated
◆ LENS MATERIAL	Polycarbonate graded at ISO 178
◆ LENS LIGHT TRANSMISSION	Luminous Transmittance 88% +
◆ LIGHT COOLING	Convection & Software Temperature Controlled
◆ COLOUR APPEARANCE & RENDERING	Neutral White (4,000— 4,500K) Cool Daylight (5,300—6,350K) STANDARD
◆ LUMINAIRE LIFETIME	Approx. 50,000 hours when operated at a Tj of below 80°C to L70 standard
◆ PHOTOCELL & MOVEMENT SENSOR	PV sensor inbuilt providing a variable light output depending on ambient light level. Programmable settings can be used in conjunction with PIR sensor
◆ COMPLIANCE	CE, RoHS, BS EN 60598-2-3:2003, BS EN 60598-1:2004 TUV (UL), EMC, FCC
◆ FINISH	Powder coated finish in grey RAL 7047 or black upon request
◆ DIMENSIONS-WEIGHT	34cm (L) X 34cm(W) X 19cm (H)- Weight: 6.6kg
◆ MOUNTING	Ceiling, Hanging, Rotational, Pole Mounted
◆ PRODUCTION	Made in United Kingdom
◆ OPTIC CHOICES	Area, Wide, Medium, Spot, Square, Asymmetric or any combination.

OPTICAL PATTERN:

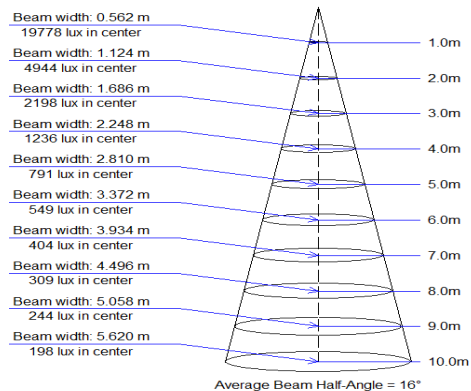
No Optics



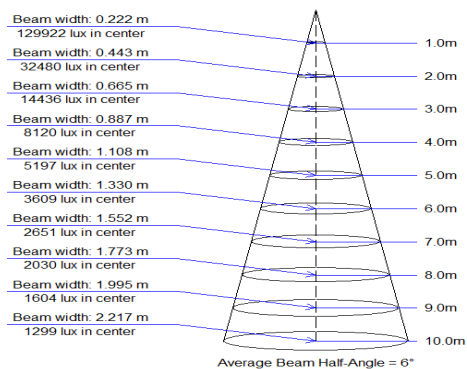
Wide Optics



Medium Optics



Spot Optics



LOW ENERGY DESIGNS LTD
UNIT 11/13 BRIDGE STREET
STURMINSTER MARSHALL
DORSET BH21 4DB
UNITED KINGDOM

PLEASE CONTACT US AND LET US HELP YOU TO CUT COSTS AND REDUCE YOUR CARBON FOOTPRINT.
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Website: www.lowenergydesigns.com