



Solar luminaires

Simple and easy appearance, in line with contemporary aesthetic concept. The product has the structure and appearance design patent. The lamp body adopts high-pressure cast aluminum and aluminum alloy, the surface is coated with outdoor used powder, double anti-corrosion to extend service life. This solar series uses LED. High efficiency constant current driver, ensure the light source is maximum used.

IEC 62717 LED-modules for general lighting – Performance requirements  
IEC 62722-2-1 Particular requirements for LED luminaires

High Lumen Efficacy 100lm/W  
Body - Die cast aluminum  
Diffuser - PMMA Polycarbonate.  
Glowing Wire Test - 850°  
Temperature - ta=20 °C ~ ta max=50 °C

**FIELDS OF APPLICATION**

Decorative garden or street lights to perform maximum output.

Model --- **O44**



- A** - Ø220 X 320mm
- B** - Ø220 X 450mm
- C** - Ø220 X 700mm

Default Available

**15O44-B-30-360-LCS-A**

Product Assistant Chart

**O 44 X X X X X**

Size — A — B — C — [ ]

Switching Mode — Light Sensor Control (LSC) — [ ]

Beam Angle — 360° — [ ]

Kelvin — 27 — 30 — 40 — 50 — 60 — [ ]  
2700K 3000K 4000K 5000K 6000K

Finishing — W — G — B — [ ]  
White Dark Grey Black

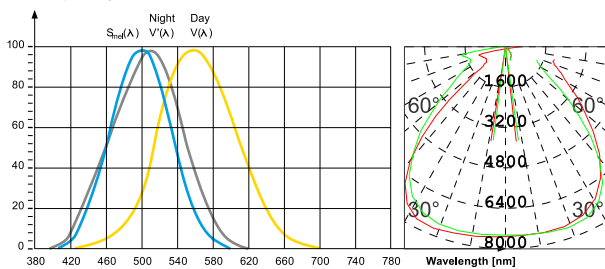
Wattage Sizes — 5 — 7 — 12 — 15 — [ ]

Lighting Customization Solution offer the wide range of customized product with best available options.

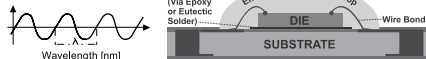
IP 65 IK 08 SMD McA Step 3

**Relative spectral perception of brightness and melanopic effect**

Effect as a percentage



Explanation of the three curves:  
V(A) = Perception of brightness, daytime seeing with the cones  
V(A) = Night-time seeing with the rods  
S<sub>m</sub>(A) = Melatonin suppression with the photosensitive ganglion cells



LED life time			Operating time 1.000 h										
Lamp	Lumen Maintenance Factor	Lamp Survival Factor	1	10	20	30	40	50	60	70	80	90	100
L80	50.000 h	LLMF	1	0.96	0.92	0.88	0.84	0.80	0.76	0.72	0.68	0.64	0.60
		LSF	1	1	1	1	1	1	0.99	0.99	0.99	0.99	0.98
L80	100.000 h	LLMF	1	0.98	0.96	0.94	0.92	0.90	0.88	0.86	0.84	0.82	0.80
		LSF	1	1	1	1	1	1	1	0.99	0.99	0.99	0.99



LED



series wiring

