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.

FIELDS OF APPLICATION
Decorative garden or street lights to perform maximum output.

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

High Lumen Efficacy 150lm/W
Body - Die Cast Alluminum
Diffuser - PC Transparent diffuser
Optical - Multiple Optical Distribution Options.
Solar Panels - Efficient Monocrystalline Silicon Solar Panels
Battery - Lithium iron phosphate battery
Pole - Q355 steel pole, after galvanized process, then by anti-ultravilet pure polyester powder painting
Temperature - ta=20 °C ~ ta max=65 °C

Model --- **O50**

A - Ø600 X 3500mm
B - Ø600 X 4500mm
C - Ø600 X 5000mm
D - Ø600 X 6000mm

Default Available

30O50-B-30-360-LCS-A

Product Assistant Chart

O 50 X X X X X

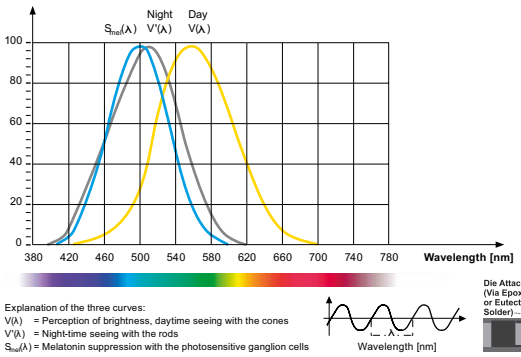
- Size — A — B — C — D — [ ]
- Switching Mode — RCS — [ ]
- Beam Angle — 360° — [ ]
- Kelvin — 30 (3000K) — 40 (4000K) — [ ]
- Finishing — B (Black) — [ ]
- Wattage Sizes — 30W (18V / 160W) — 50W (18V / 320W) — [ ]

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

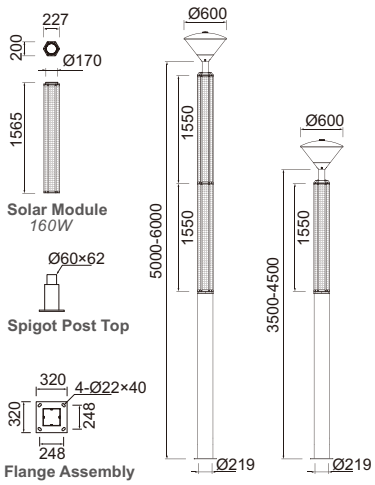
IP 66 | **IK 08** | **LED 2835** | **Built-in Power Source by Solar**

Relative spectral perception of brightness and melanopic effect

Effect as a percentage



Explanation of the three curves:
V(λ) = Perception of brightness, daytime seeing with the cones
V'(λ) = Night-time seeing with the rods
$S_{mel}(\lambda)$ = Melatonin suppression with the photosensitive ganglion cells



LED life time			Operating time 1.000 h									
Lamp Lumen Maintenance Factor			1	10	20	30	40	50	60	70	80	90	100
Lamp Survival Factor			1	1	1	1	1	1	1	1	0.99	0.99	0.99
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

A++ ENERGY LEVEL | LED | CRI>90 | series wiring | RoHS COMPLIANT | CIDET | LM-80 | FLICKER FREE