



Solar luminaires

The heat sink is designed to be out in the air to dissipate heat quickly Frosted toughened glass, no glare light. All-in-one structure, waterproof and dust-proof. Individual LED: 1LED with 1 heat sink, fast heat dissipation makes it over 100,000 hours long life time. Sleeve adaptor, no need to open the light fixture when installation.

FIELDS OF APPLICATION

Roads, Street lights, Playground Areas or Outdoor Areas

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

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

Model --- **O47**



- A** - 595 X 205mm
- B** - 875 X 205mm

Default Available

60O47-W-30-70X140-LCS-A

Product Assistant Chart

O 47 X X X X X

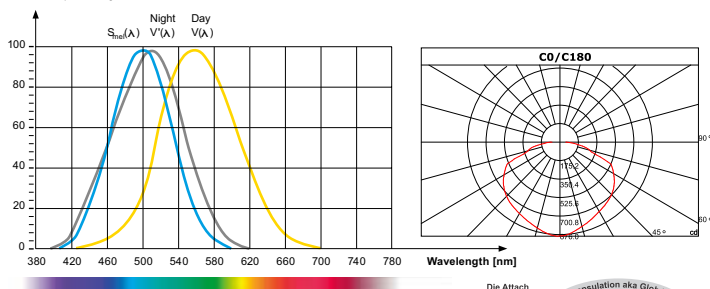
- Size — A — B — []
- LED Driver Built-in []
- Beam Angle 70° X 140° []
- Kelvin 27 30 40 50 60 []
2700K 3000K 4000K 5000K 6000K
- Finishing W G B []
White Dark Grey Black
- Wattage Sizes 40 60 80 100 120 []
A A B B B

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

IP 65 IK 09 SMD McA Step 3 Self Solar Operated (SSO)

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_{mel}(A) = 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
		LSF	1	1	1	1	1	1	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
		LSF	1	1	1	1	1	1	1	0.99	0.99	0.99



LED



series wiring

