



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 lawn lamp 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  
Body - 10mm white PCB, Waterproof  
Glowing Wire Test - 850°  
Temperature - ta=20 °C ~ ta max=50 °C  
Class - I

**Installations**

Surface (floor, wall, ceiling)

Model ----- **K45**



Default Available

**9.6K45-30-120-A**



Product Assistant Chart

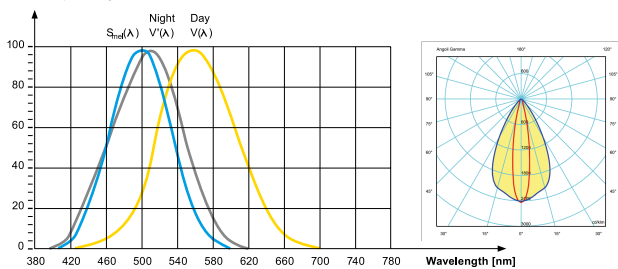
**K45 X X X X X**

- Size: A
- Driver: 0 (On/Off), 1 (Dali), 2 (Dimmable), 3 (Phase Dimming), 4 (1-10)
- Beam Angle: 120°
- Kelvin: 27 (2700K), 30 (3000K), 40 (4000K), 50 (5000K), 60 (6000K)
- Finishing: W (White)
- Wattage: 9.6, 19.6

Lighting Customization Solution can offer you modifications for environment with higher options as a customized product.

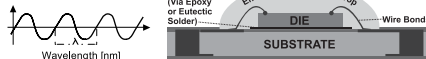
IP65 / 66 / 67 / 68    LED's / M 60 / 120    SMD 3527    McA Step 3    DC 12V / 24V

Relative spectral perception of brightness and melanopic effect  
Effect as a percentage



**3M**  
Double side  
tape on backside  
for easy installation

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			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



LED



series wiring

