

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

High Lumen Efficacy 115lm/W

Body - Die cast aluminum housing with solvent free powder coating
Diffuser - PMMA polycarbonate pattern lens.

Glowing Wire Test - 850°

Temperature - $t_a=20\text{ }^\circ\text{C} \sim t_a \text{ max}=50\text{ }^\circ\text{C}$

Class - III

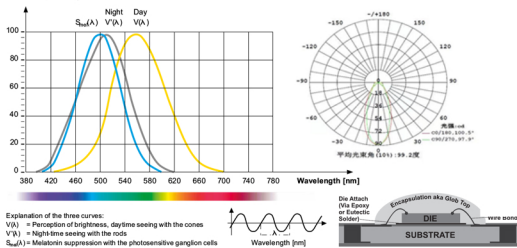
Simple and easy appearance, in line with contemporary aesthetic concept. The product has the structure and appearance design patent. The lamp body adopts high-pressure cast aluminum and aluminum alloy, the surface is coated with outdoor used powder, double anti-corrosion to extend service life. This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

FIELDS OF APPLICATION

Office & Education, offices, open-plan offices, conference rooms, conference rooms, reception areas, counters, galleries, hotels, restaurants, living spaces

Item No.	Wattage	Lumen	Color Temperature	IP	volt	CRI	PF	Beam Angle
EM9011-44	3W	100lum/W	2700K-3000K- 4000K-6000K	IP44	220 V	90	0.9	15°/ 24°/ 36°
EM9011-44	5W	100lum/W	2700K-3000K- 4000K-6000K	IP44	220 V	90	0.9	15°/ 24°/ 36°
EM9013-44	10W	100lum/W	2700K-3000K- 4000K-6000K	IP44	220 V	90	0.9	15°/ 24°/ 36°
EM9013-44	15W	100lum/W	2700K-3000K- 4000K-6000K	IP44	220 V	90	0.9	15°/ 24°/ 36°

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



Technical Details

Light Sour	Spot light
Driver	on/off, Dimmable Phase dimming, 1-10, Dali
Voltage	220-240V/24V
Life Span	35000Hr
Temperature	$t_a=20\text{ }^\circ\text{C}-50\text{ }^\circ\text{C}$
Diffuser	-----

Product Details

Finish	White/Black
Material	Dia cast aluminum
Application	-----
Warranty	3 YEARS
Class	-----

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

