



MR11

2W Replacement of halogen MR11 spotlight

Kosnic's range of PowerSpot lamps are suitable for the most demanding of professional users and deliver huge energy savings over halogen lamps, without compromising on brightness. The lamps can replace common halogen lamps creating an ambience in accent and general lighting applications for hospitality, commercial and domestic applications, and once in place rapid payback is achieved.

MR1102-S30 (06121)

Specification

Voltage	12Vdc
Current (mA)	167
Rated Power (W)	2
CCT Words	Warm White
CCT (K)	3000
Total Luminous Flux (lm)	240
L70B50 Lifetime (h)	15000
Blue Light Hazard	RG1
Glow wire temperature(°C)	650
Power Factor	1
Ambient Temperature Range (°C)	-20 to 40
Weight (kg)	0.014

Light Source Specification

Lighting Technology Used	LED
Directional / Non Directional (DLS/NDLS)	DLS
Light Source Cap Type (or other interface)	GU4
Mains / Non-Mains (MLS/NMLS)	NMLS
Connected Light source (Y/N)	N
Colour Tunable Light Source (Y/N)	N
High Luminance Light Source (Y/N)	N
Anti-Glare Shield (Y/N)	N
Dimmable (Y/N/Specific dimmer)	N
Energy Consumption in on-mode (kWh/1000H)	2
Energy Efficiency Class	F
Useful Luminous Flux (lm)	210
Beam Angle correspondence (in 360°/120°/90°)	in 90°
CCT	3000
On-Mode Power (Pon) (W)	2

Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	39
Width (mm)	35
Depth (mm)	35
Claim of Equivalent Power? (Y/N)	Y
Equivalent Power (W)	23
Chromaticity Co-Ordinates (X)	0.438
Chromaticity Co-Ordinates (Y)	0.401
Peak Luminous Intensity (DLS) (cd)	250
Beam Angle (DLS)	50
Beam Angle (min)(DLS)	45
Beam Angle (max) (DLS)	55
Survival Factor (x.xx)	0.9
Lumen Maintenance Factor (x.xx)	0.93
Displacement Factor	N/A
Colour Consistency in Mcadam Ellipses (Mains LED/OLED)	N/A
LED light source replaces fluorescent without integrated ballast of particular wattage (Mains LED/OLED) (Y/N)	N/A
Replacement W Claim (Mains LED/OLED) (W)	N/A
Flicker metric (pst LM) (x,x)	N/A
Stroboscopic effect metric (SVM) (x,x)	N/A

Technical Drawings

