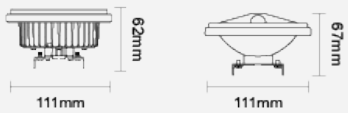
AR111 16W G53 24D 2800K DIMMABLE

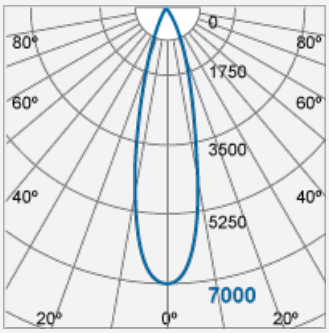
Product Code:

ER2016d-100H24D-G53-2800K-12V

Electrical Data	
Voltage (V)	AC 12V
Power Factor	>0.5
Starting Time (sec)	＜0.5
Warm-up Time Up to 100% of the Full Light Output (sec)	Instant full light
Product Data	
Lamp Base	G53
Product Wattage (W)	16
Reflector	AR111
Beam Angle (°)	24
Colour Temperature (K)	Warmwhite (2800K)
Colour Render Index (Ra)	Ra82
Colour Consistency (SDCM)	<6
Dimmable	100-10%
Energy Label	A
Operating Temperature	-30 ° C to +40 ° C
Switching Cycles (times)	>1000000
Mercury Content (mg)	N/A
Weight (g)	275
Application	Retail, Hospitality
Performance Data	
Max. Luminous Intensity (cd)	7000
Total Luminous Flux (lm)	1300
Luminous Flux in 90 ° cone (lm)	1000
Rated Life (hrs)	25000
Lumen Maintenance at the End of Lamp Life (%)	≥90
Product Dimensions	
Diameter (mm)	111
Length (mm)	62



MEGAMAN LED Conventional Lamp



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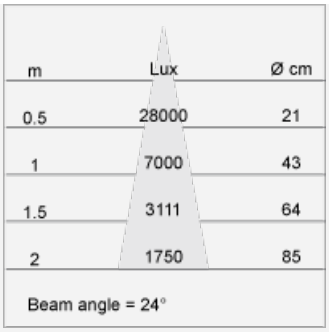
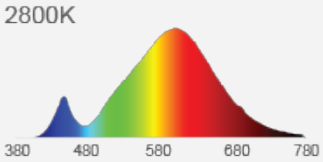


m	Lux	Ø cm
0.5	28000	21
1	7000	43
1.5	3111	64
2	1750	85

Beam angle = 24°



Spectral Power Distribution

Remarks:

The rated life is declared based on an enclosed environment (the most severe situation). Extended life up to 40,000 hours is still possible when the lamp is used in more open fixtures. The rated lamp life, rated luminous flux in 90 ° cone, total luminous flux, rated beam angle and rated wattage are equivalent to their nominal values shown on product packaging. There is no measurable output from 180nm to 380nm, so the chart shows only 380nm to 800nm.

Technologies

Being able to adjust your LEDs with wide selection of dimming range from 100% to 10% or 20% for perfect atmosphere and/or scene setting – warm and bright, dim and cozy.

Using patented Thermal Conductive Highway™ technology and a unique design of ‘ heat drain ’ across the reflector to dissipate heat efficiently from the dual axial LED to prevent deterioration of the chips and other components.

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