

Features

- Designed as a direct retrofit to most MR - 16 lighting fixtures
- Low power consumption. 4W LED lamp, for replacement of 35W / 50W halogen lamp
- Long life. 50,000 hours rated life to 70% of initial light output
- Unique thermal system. It's effective to keep LED junction temperature below 90° C, with only 58° C of housing temperature
- Wide selections of CCT and beam angle
- Excellent color rendering. CRI - 80 with warm white and neutral white
- RoHS compliant
- UV and IR free



Description

Luminux is proud to present one of the very first Single-lens MR - 16 LED Lamp Replacements to the market. With CREE's most high-efficiency LED and our cutting-edge optic design, this LED lamp is verified to replace the 35W halogen with only 4W of consumption.

Product Offering

Item	Wattage	Input Voltage	Color Temperature
E952F-09-04W4-20B	4W	12VAC/DC	2800K (Warm white)
E952F-09-04C2-20B	4W	12VAC/DC	5500K (Cool white)

- Beam Angle selection 20° full beam angle
- CCT range selection: 2500-3500K; 5000-6500K
- Housing finish: black or silver
- CREE X-Lamp inside

Application Information

Applications	Notes
Tracking lighting	· Operating temperature range between -20° C and +40° C (-4° F and +104° F)
Spot lighting	· For used in dry indoor only
Display and cabinet lighting	· Not for use with dimmers or in luminaires controlled by a dimmer
Architectural lighting	· Not for use where exposed to weather
Art gallery and museum	· Not for use in totally enclosed recessed fixtures
Industrial and commercial area lighting	· Not intended for use with emergency exit fixtures or emergency lights · Do not look into the light directly

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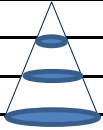
Performance Summary

Item	Nominal Wattage	Input Voltage	CCT	Lumen Output	Beam Angle	CR1	Efficiency	Housing Temperature
E952F-09-04W4-20I4W		12VAC/DC	3000-3200K	215lm	20°	82	83%	58°C
E952F-09-04C2-20E4W		12VAC/DC	5500-6500K	305lm	20°	75	83%	58°C

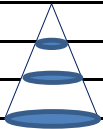
Note: All specifications @ 25°C ambient condition

Photometrics

Throw Distance	3000-3200K / 20° Frosted		5500-6500K / 20° Frosted	
	Beam width	Illuminance	Beam width	Illuminance
1m	0.9m	780 lux	0.9m	1350 lux
2m	1.4m	206 lux	1.4m	345 lux
3m	2.2m	96 lux	2.2m	155 lux

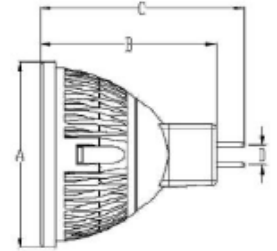


Throw Distance	3000-3200K / 20° Clear		5500-6500K / 20° Clear	
	Beam width	Illuminance	Beam width	Illuminance
1m	0.5m	1550 lux	0.5m	2430 lux
2m	1.0m	395 lux	1.0m	701 lux
3m	1.4m	165 lux	1.4m	365 lux



Dimension

Lamp Type	A (mm)	B (mm)	C (mm)	D (mm)	Weight (g)
PMR 16	50	44	51	5.3	50



Packaging Information

Lamp Type	Dimension (cm)	Gross Weight (kg)	Net Weight (kg)	Qty/Carton
MR 16	45*34*26cm	9	7.2	144

Ordering Guide

E951	F	O9	O4	W4	15	B
Lamp Type	Voltage	Bass	Wattage	CCT	Beam Angle	Housing finish
MR16 Single Lens	12VAC/DC	GU5.3	4W	W1: 2500-2700K; W2: 2700-2800K; 20: 20°		B: black
1 CREE MC-E				W3: 2800-3000K; W4: 3000-3200K; W5: 3200-3500K; C1: 5000-5500K; C2: 5500-6500K		S: silver

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