

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 56° 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
E951F-09-04W3-15B	4W	12VAC/DC	2800K (Warm white)
E951F-09-04C2-15B	4W	12VAC/DC	5500K (Cool white)

- Beam Angle selection 15° / 25° / 40° full beam angle
- CCT range selection: 2500-3500K; 5000-6500K
- Housing finish: black or silver
- CREE X-Lamp inside

Application Information

Applications

Tracking lighting

Spot lighting

Display and cabinet lighting

Architectural lighting

Art gallery and museum

Industrial and commercial area lighting

Notes

· Operating temperature range between -20° C and +40° C (-4° F and +104° F)

· For used in dry indoor only

· Not for use with dimmers or in luminaires controlled by a dimmer

· Not for use where exposed to weather

· Not for use in totally enclosed recessed fixtures

· Not intended for use with emergency exit fixtures or emergency lights

· Do not look into the light directly

Parkwell Lighting International Limited

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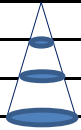
Performance Summary

Item	Nominal		CCT	Lumen	Beam	CR1	Efficiency	Housing
	Wattage	Input Voltage		Output	Angle			Temperature
E951F-09-04W3-15B4W	12VAC/DC	2800-3000K	230lm	15°	82	83%	56°C	
E951F-09-04C2-15B 4W	12VAC/DC	5500-6500K	320lm	15°	75	83%	56°C	

Note: All specifications @ 25°C ambient condition

Photometrics

Throw Distance	2800-3000K / 15°		2800-3000K / 25°		2800-3000K / 40°	
	Beam width	Illuminance	Beam width	Illuminance	Beam width	Illuminance
1m	0.5m	910 lux	0.9m	697 lux	1.2m	483 lux
2m	0.9m	260 lux	1.2m	190 lux	2.0m	130 lux
3m	1.3m	120 lux	1.6m	87 lux	2.8m	60 lux

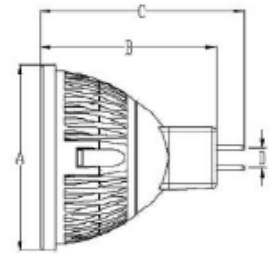


Throw Distance	5500-6500K / 15°		5500-6500K / 25°		5500-6500K / 40°	
	Beam width	Illuminance	Beam width	Illuminance	Beam width	Illuminance
1m	0.5m	1750 lux	0.9m	1140 lux	1.2m	697 lux
2m	0.9m	430 lux	1.2m	290 lux	2.0m	183 lux
3m	1.3m	190 lux	1.6m	140 lux	2.8m	93 lux



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
PMR 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
PMR16	12VAC/DC	GU5.3	4W	W1: 2500-2700K; W2: 2700-2800K;	15:15°	B: black
3 CREE X-lamp				W3: 2800-3000K; W4: 3000-3200K;	25:25°	S: silver
				W5: 3200-3500K;	40:40°	
				C1: 5000-5500K; C2: 5500-6500K		

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