

## Features

- Designed as a direct retrofit to most MR - 16 lighting fixtures
- Low power consumption. 3W/5W LED lamp, for replacement of 35/50W 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 68°C of housing temperature
- Unique design and well matched one piece optic lens, it delivers even or spot light effects
- Wide selections of CCT and beam angle
- Excellent color rendering. CRI - 82 with warm white and neutral white
- Dimmable and non-dimmable are available
- RoHS compliant
- UV and IR free



## Product Offering

Item	Dimmable	Wattage	Input Voltage	Color Temperature
Titan 3W	No	3W	12VAC/DC	2700K-5500K
Titan 3W Dim Yes	Yes	3W	12VAC/DC	2700K-5500K
Titan 5W	No	5W	12VAC/DC	2700K-5500K
Titan 5W Dim Yes	Yes	5W	12VAC/DC	2700K-5500K

- Beam Angle selection 15°/ 25°/ 40° full beam angle
- CCT range selection: 2700-5500K
- Housing finish: silver
- CREE X-Lamp inside

## Description

Luminux is proud to present you the first Single-Lens MR16 LED lamp to the market. With Cree's most high efficiency LED inside and our cutting-edge optic design, the Titan MR16 LED lamp is the best replacement for the 35W and 50W Halogen MR16 lamps. The Titan MR16 LED lamp consumes only 3W / 5W of power and the total light output is up to 479 lumen.

## 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
- Non dimmable is not for use with dimmers or in luminaries 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	Dimmable	Nominal			Lumen Output	Beam Angle	CR1	Efficiency	Housing Temperature
		Wattage	Input Voltage	CCT					
Titan 3W	No	3W	12VAC/DC	2700-5500K	282lm / 342lm	15°, 25°, 40°	82	83%	56°C
Titan 3W Dim Yes	Yes	3W	12VAC/DC	2700-5500K	282lm / 342lm	15°, 25°, 40°	82	83%	56°C
Titan 5W	No	5W	12VAC/DC	2700-5500K	407lm / 479lm	15°, 25°, 40°	82	83%	68°C
Titan 5W Dim Yes	Yes	5W	12VAC/DC	2700-5500K	407lm / 479lm	15°, 25°, 40°	82	83%	68°C

Note: All specifications @ 25°C ambient condition

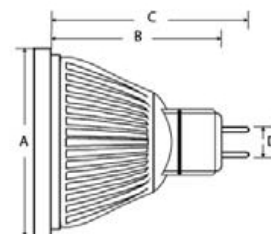
## Photometrics (3W)

Throw Distance	2700-3000K / 15°		2700-3000K / 25°		2700-3000K / 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	2700-3000K / 15°		2700-3000K / 25°		2700-3000K / 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)
Titan MR16	50	42	48	5.3	37



## Ordering Guide

E951	O4	D	F	O9	W4	15	B
Lamp Type	Wattage	Dimmable	Voltage	Base	CCT	Beam Angle	Housing finish
Titan MR16	3W	No	12VAC/DC	GU5.3	W1: 2500-2700K; W2: 2700-2800K;	15:15°	S: silver
Titan MR16	3W	Yes			W3: 2800-3000K; W4: 3000-3200K;	25:25°	
Titan MR16	5W	No			W5: 3200-3500K;	40:40°	
Titan MR16	5W	Yes			C1: 5000-5500K; C2: 5500-6500K		

3 CREE X-lamp

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