

# MR16 8.5W DIM. TITANIUM CRI<sup>SP</sup> LED SERIES



8.5W REPLACES



**75W  
Hal.**

80% Energy Savings

**CRI<sup>SP</sup>**



**\$223** Savings per lamp\*

- ⌚ Suitable for use in totally enclosed fixtures
- ⌚ Exceptional color rendering CRI 92
- ⌚ Richer reds and natural skin tones (R9 65, R13 93)
- ⌚ Tight LED binning for consistent CCT across all lamps
- ⌚ Compact size 1:1 halogen form factor
- ⌚ Spot / Narrow Flood / Flood beam angles



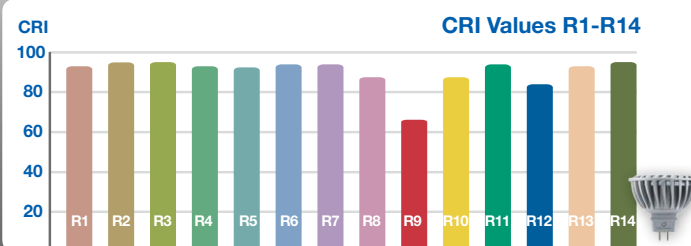
## MR16 PRODUCT FEATURES

### Suitable for Enclosed Fixtures

This MR16 is suitable for use in totally enclosed fixtures and capable of operating in a broad range of applications. Whether it is installed in indoor/outdoor, recessed, track or landscape environments, this lamp's advanced thermal design ensures optimal performance over the course of its lifetime.



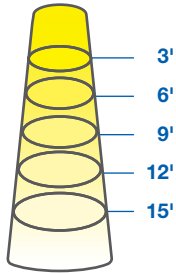
### Exceptional Color Rendering



THE CRI<sup>SP</sup> SERIES MR16 8.5W lamp features a typical CRI 92, R9 65 and R13 93, providing crisp and vibrant colors across the whole spectrum. Its exceptional R9-R14 values (R9 & R13) provide redder reds, natural looking skin tones and whiter whites. In addition, this lamp's color temperatures fall within a 4-step Macadam ellipse to ensure minimal color deviation across lamps.

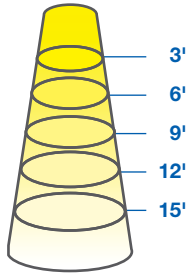
## ILLUMINANCE & CANDELA DISTRIBUTION

8.5MR16DIM/930SP15



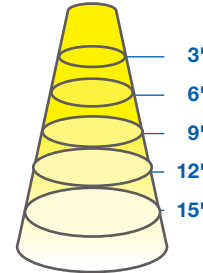
Diameter	Footcandles
0.8	661
1.6	165
2.4	73
3.2	41
3.9	26

8.5MR16G4DIM/930NF25

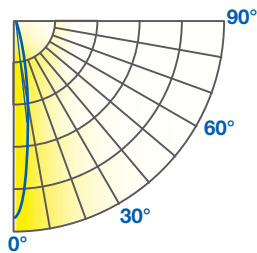


Diameter	Footcandles
1.3	328
2.7	82
4.0	36
5.3	20
6.7	13

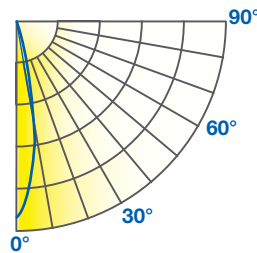
8.5MR16G4DIM/930FL35



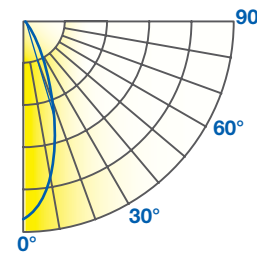
Diameter	Footcandles
1.9	183
3.8	46
5.7	20
7.6	11
9.5	7



Degree	Candela
0	5950
5	3837
15	682
25	114
35	16
45	12

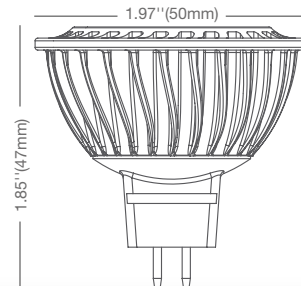


Degree	Candela
0	2950
5	2623
15	859
25	204
35	67
45	22



Degree	Candela
0	1700
5	1649
15	1016
25	257
35	33
45	12

- Base:** GU5.3
- Voltage:** 12V
- Dimmable:** Yes
- PF:** 0.9
- Lifetime:** 25,000 hrs
- Weight:** 0.09lb / 45g



## SPECIFICATIONS

Model	Product	Power (W)	CCT	CRI (typ.)	R9 / R13 (typ.)	Lumens	LPW	Beam Angle	CBCP (cd)
8.5MR16DIM/927SP15	57975	8.5	Warm White 2700K	92	65 / 93	550	65	SP 15°	5900
8.5MR16DIM/927NF25	57976	8.5	Warm White 2700K	92	65 / 93	550	65	NF 25°	2900
8.5MR16DIM/927FL35	57977	8.5	Warm White 2700K	92	65 / 93	550	65	FL 35°	1650
8.5MR16DIM/930SP15	57978	8.5	Halogen White 3000K	92	65 / 93	580	68	SP 15°	5950
8.5MR16DIM/930NF25	57979	8.5	Halogen White 3000K	92	65 / 93	580	68	NF 25°	2950
8.5MR16DIM/930FL35	57980	8.5	Halogen White 3000K	92	65 / 93	580	68	FL 35°	1700
8.5MR16DIM/940FL35 (MTO)	57983	8.5	Cool White 4000K	92	65 / 93	600	71	FL 35°	1750

\* Savings per lamp based on \$0.11 / kw energy cost, 12 hrs / day lamp usage, \$4 halogen with 1000-hr lifetime, \$25 LED with 25,000-hr lifetime

\*\* Suitable for use in totally enclosed fixtures

\*\*\* Specification data is preliminary and may be subject to change