

# MR16 7.5W DIM. TITANIUM CRI<sup>SP</sup> LED SERIES 4.0



CRI<sup>SP</sup>



7.5W REPLACES



75W  
Hal.

80% Energy Savings

\$218 Savings per lamp\*

- ⌚ Suitable for use in totally enclosed fixtures
- ⌚ Exceptional color rendering CRI 92
- ⌚ Richer reds and natural skin tones (R9 70, R13 96)
- ⌚ Tight LED binning for consistent CCT across all lamps
- ⌚ Compact size 1:1 halogen form factor
- ⌚ Spot / Narrow Flood / Flood beam angles



25,000 H



DIMMABLE



EFFICACY



WARRANTY



CRI (Ra)



ENCLOSED\*\*



LM 79

LM 80

TM 21



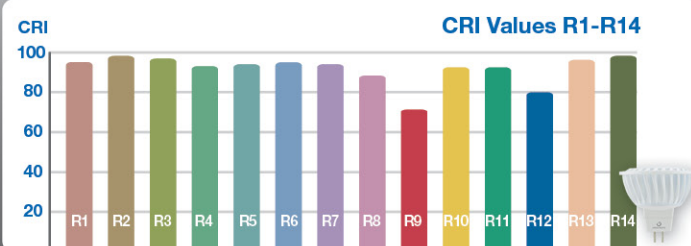
## MR16 PRODUCT FEATURES

### 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.



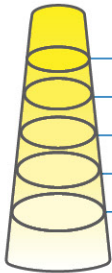
### Exceptional Color Rendering



THE CRI<sup>SP</sup> SERIES MR16 7.5W lamp features a typical CRI 92, R9 70 and R13 96, 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.

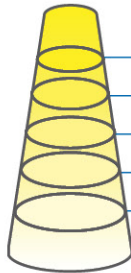
## ILLUMINANCE & CANDELA DISTRIBUTION

7.5MR16G4DIM/930SP15



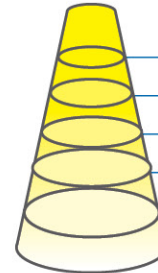
Diameter	Footcandles
0.8	611
1.6	153
2.4	68
3.2	38
3.9	24

7.5MR16G4DIM/930NF25

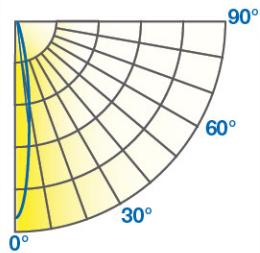


Diameter	Footcandles
1.3	289
2.7	72
4.0	32
5.3	18
6.7	12

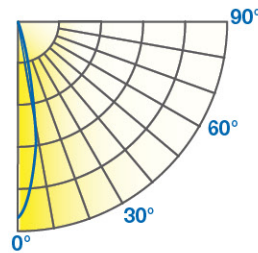
7.5MR16G4DIM/930FL36



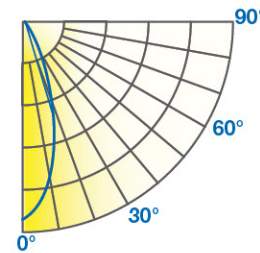
Diameter	Footcandles
1.9	156
3.9	39
5.8	17
7.8	10
9.7	6



Degree	Candela
0	5500
5	3627
15	460
25	73
35	15
45	8

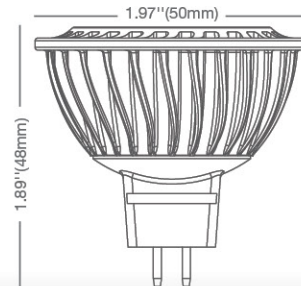


Degree	Candela
0	2600
5	1886
15	445
25	118
35	25
45	10



Degree	Candela
0	1400
5	1294
15	797
25	288
35	67
45	20

- Base:** GU5.3
- Voltage:** 12V
- Dimmable:** Yes\*\*\*
- PF:** 0.9
- Lifetime:** 25,000 hrs
- Weight:** 0.12lb / 56g



## SPECIFICATIONS\*\*\*\*

Model	Product	Power (W)	CCT	CRI (typ.)	R9 / R13 (typ.)	Lumens	LPW	Beam Angle	CBCP (cd)
7.5MR16G4DIM/927SP15	40804	7.5	Warm White 2700K	92	70 / 96	410	55	SP 15°	5500
7.5MR16G4DIM/927NF25	40805	7.7	Warm White 2700K	92	70 / 96	485	63	NF 25°	2600
7.5MR16G4DIM/927FL36	40806	7.7	Warm White 2700K	92	70 / 96	485	63	FL 36°	1400
7.5MR16G4DIM/930SP15	40807	7.5	Warm White 3000K	92	70 / 96	430	57	SP 15°	5500
7.5MR16G4DIM/930NF25	40808	7.7	Warm White 3000K	92	70 / 96	505	66	NF 25°	2600
7.5MR16G4DIM/930FL36	40809	7.7	Warm White 3000K	92	70 / 96	505	66	FL 36°	1400
7.5MR16G4DIM/840SP15	40810	7.5	Natural White 4000K	82	20 / 80	485	65	SP 15°	5700
7.5MR16G4DIM/840NF25	40811	7.7	Natural White 4000K	82	20 / 80	625	81	NF 25°	2800
7.5MR16G4DIM/840FL36	40812	7.7	Natural White 4000K	82	20 / 80	625	81	FL 36°	1600

\* Savings per lamp based on \$0.11 / kw energy cost, 12 hrs / day lamp usage, \$4 halogen with 1000-hr lifetime, \$30 LED with 25,000-hr lifetime  
 \*\* Suitable for use in totally enclosed fixtures

\*\*\* List of tested dimmer switches available on website  
 \*\*\*\* Specification data is preliminary and may be subject to change