

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



CRI<sup>SP</sup>



8.5W REPLACES

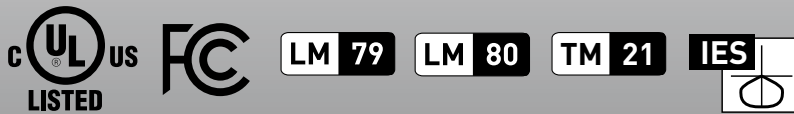


75W Hal.

80% Energy Savings

\$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



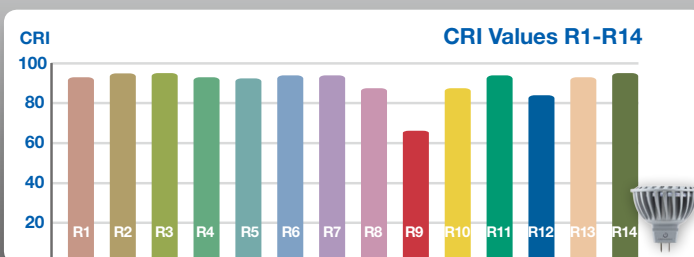
## MR16 PRODUCT FEATURES

### 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.



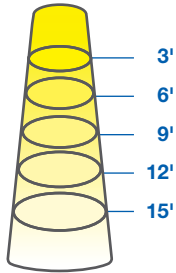
### Exceptional Color Rendering



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.

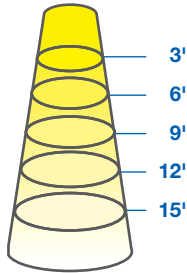
## ILLUMINANCE & CANDELA DISTRIBUTION

8.5MR16DIM/930SP15/R



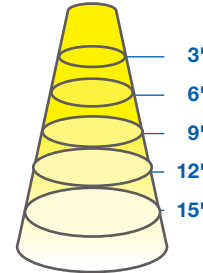
| Diameter | Footcandles |
|----------|-------------|
| 0.8      | 661         |
| 1.6      | 165         |
| 2.4      | 73          |
| 3.2      | 41          |
| 3.9      | 26          |

8.5MR16DIM/930NF25/R

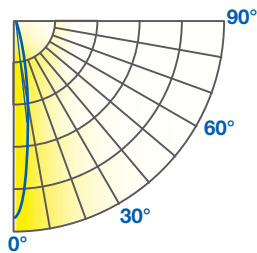


| Diameter | Footcandles |
|----------|-------------|
| 1.3      | 328         |
| 2.7      | 82          |
| 4.0      | 36          |
| 5.3      | 20          |
| 6.7      | 13          |

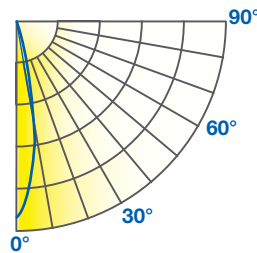
8.5MR16DIM/930FL35/R



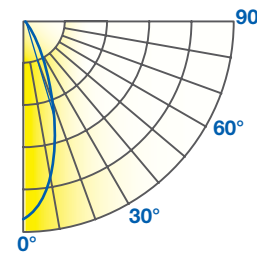
| Diameter | Footcandles |
|----------|-------------|
| 1.9      | 189         |
| 3.8      | 47          |
| 5.7      | 21          |
| 7.6      | 12          |
| 9.5      | 8           |



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

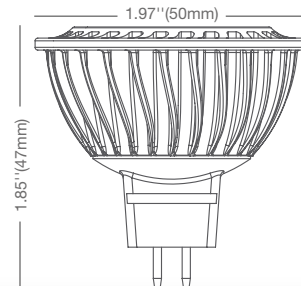


| Degree | Candela |
|--------|---------|
| 0      | 2950    |
| 5      | 2623    |
| 15     | 859     |
| 25     | 204     |
| 35     | 67      |
| 45     | 22      |



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

- Base:** GU5.3
- Voltage:** 12VAC 60Hz / 12VDC
- Dimmable:** Yes
- PF:** 0.9
- Lifetime:** 25,000 hrs
- Temp. Rating:** -4°F / -20°C - 95°F / 35°C
- Weight:** 0.09lb / 45g



## SPECIFICATIONS

| Model                       | Product      | Power (W)  | CCT                     | CRI (typ.) | R9 / R13 (typ.) | Lumens     | LPW       | Beam Angle    | CBCP (cd)   |
|-----------------------------|--------------|------------|-------------------------|------------|-----------------|------------|-----------|---------------|-------------|
| <b>8.5MR16DIM/927SP15/R</b> | <b>98026</b> | <b>8.5</b> | <b>Soft White 2700K</b> | <b>92</b>  | <b>65 / 93</b>  | <b>550</b> | <b>65</b> | <b>SP 15°</b> | <b>5900</b> |
| 8.5MR16DIM/927NF25/R        | 98027        | 8.5        | Soft White 2700K        | 92         | 65 / 93         | 550        | 65        | NF 25°        | 2900        |
| 8.5MR16DIM/927FL35/R        | 98028        | 8.5        | Soft White 2700K        | 92         | 65 / 93         | 550        | 65        | FL 35°        | 1650        |
| 8.5MR16DIM/930SP15/R        | 98029        | 8.5        | Warm White 3000K        | 92         | 65 / 93         | 580        | 68        | SP 15°        | 5950        |
| 8.5MR16DIM/930NF25/R        | 98030        | 8.5        | Warm White 3000K        | 92         | 65 / 93         | 580        | 68        | NF 25°        | 2950        |
| 8.5MR16DIM/930FL35/R        | 98031        | 8.5        | Warm White 3000K        | 92         | 65 / 93         | 580        | 68        | FL 35°        | 1700        |
| 8.5MR16DIM/940FL35/R (MTO)  | 98034        | 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