

# SYLVANIA Lamps

## TruWave Technology® MR16

### TruWave Technology®

TruWave Technology® offers the best alternative to natural light by mimicking the natural light spectrum, all while saving energy.

### Benefits and Features

- Controls blue wavelengths for lower glare and reduced eye strain to improve readability and supports an improved sleep-wake cycle
- Perfect fit where clean light color rendering is needed for seeing realistic, vivid colors without sacrificing light output
- Properly saturates red to make building spaces and flesh tones accurate and vibrant, without oversaturating (which compromises energy efficiency)
- Exceptional color quality without the loss of efficacy typical of most 90+ CRI solutions
- Up to 78 LPW
- 3000K and 5000K color temperatures
- Dimmable
- Available beam angle: NFL25 (20W replacement only) and 40°

### Electrical

- 12V
- Power factor >0.90
- Dimmable down to 10%

### Rated Life

- 25,000 hours (L<sub>70</sub>)

### Warranty

- 5 year limited lamp warranty

### Ambient Operating Range

- -4°F to 113°F (-20°C to 45°C)



**TruWave®**

### Wattage Comparison

Traditional Source	Traditional System Wattage	LED System Wattage	Energy Savings
Halogen	20	4.5	\$41.25
Halogen	35	6	\$79.75

### Certifications and Listings

- cETLus
- CEC Title 20
- RoHS

### Installation

- Suitable for indoor and outdoor dry and damp locations
- Not for use in totally enclosed fixtures, emergency light fixtures, or exit lights



## Specification Data

Catalog #	Type
Project	
Comments	
Prepared by	

## Ordering Guide

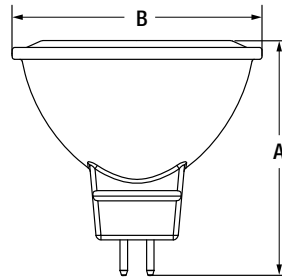
LED	XX	MR16	DIM	9	XX	TL	XXXXX	GL	RP
LED	Wattage 4.5 = 4.5 Watts 6 = 6 Watts	Lamp Type MR16	DIM = Dimmable	CRI 9 = 90+	Color Temperature 30 = 3000K 50 = 5000K	TL = TruWave Technology®	Beam Angle: NFL25 = Narrow Flood FL40 = Flood	GL = Glass	RP = Retail Pack

## Ordering Information

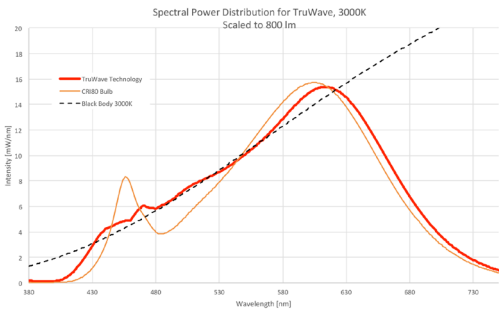
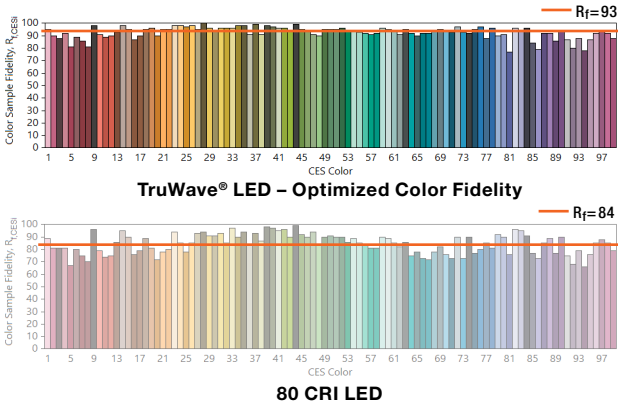
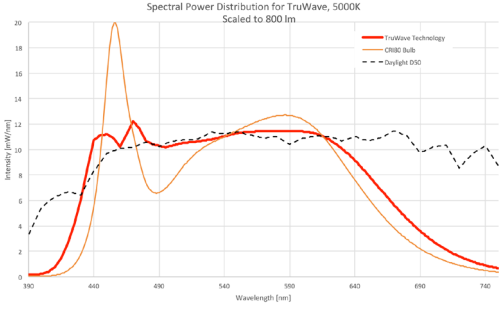
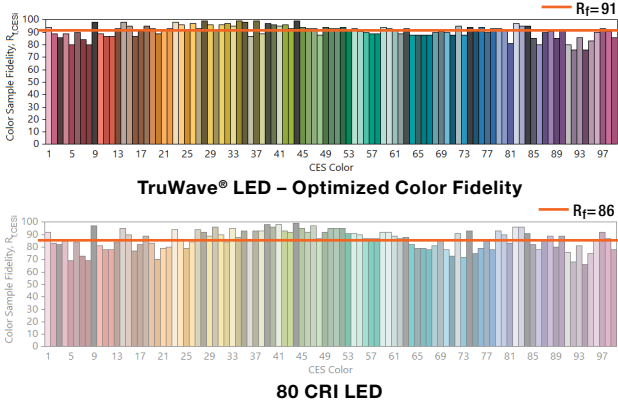
Item Number	Ordering Abbreviation	Power (W)	Base Type	Replaces	Input Voltage	Average Life (hrs)	Typical Lumens (lm)	CBCP	CCT	CRI
40922	LED4.5MR16DIM930TLNFL25GLRP 6/CS 1/SKU	4.5	G5.3	20W Halogen	12V	25,000	350	925	3000K	90+
40923	LED4.5MR16DIM950TLNFL25GLRP 6/CS 1/SKU	4.5	G5.3	20W Halogen	12V	25,000	350	925	5000K	90+
40924	LED4.5MR16DIM930TLFL40GLRP 6/CS 1/SKU	4.5	G5.3	20W Halogen	12V	25,000	350	610	3000K	90+
40925	LED4.5MR16DIM950TLFL40GLRP 6/CS 1/SKU	4.5	G5.3	20W Halogen	12V	25,000	350	610	5000K	90+
40928	LED6MR16DIM930TLFL40GLRP 6/CS 1/SKU	6	G5.3	35W Halogen	12V	25,000	450	802	3000K	90+
40929	LED6MR16DIM950TLFL40GLRP 6/CS 1/SKU	6	G5.3	35W Halogen	12V	25,000	450	802	5000K	90+

## Physical Information

	(A) Height inches (mm)	(B) Diameter inches (mm)
MR16 4.5W	1.77 (45)	1.97 (50)
MR16 6W	1.85 (47)	1.97 (50)



Color Quality Comparison

CCT	Spectral Power Distribution	TM-30-18 Fidelity Index
3000K		
5000K		

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