



Project: \_\_\_\_\_

Date: \_\_\_\_\_

Type: \_\_\_\_\_

Prepared by: \_\_\_\_\_



## Technical Specifications

### Listings

**UL Listed:**

Suitable for damp locations

**ENERGY STAR V2.0:**

This product is ENERGY STAR® Version 2.0 Certified

**CEC Status:**

Lawful for sale in California. Title 20 and JA8 compliant.

**Enclosed Fixture Rated:**

May be used in enclosed fixtures

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

### Electrical

**Dimming:**

Dimmable <20%

**Ambient Operating Temperature:**

-20°C (-4°F) to 45°C (113°F)

**Power Factor:**

>.90

**Input Voltage:**

MR16: 12V

GU10: 120V

PAR16: 120V

**Operation Frequency:**

50/60Hz

### Construction

**Lamp Type:**

MR16, GU10, PAR16

**Base Type:**

MR16: GU5.3

GU10: GU10

PAR16: E26

**Finish:**

White

**Material:**

6W, 8W, 9W MR16: Aluminum

GU10 & PAR16: Plastic

**Beam Angle:**

15 degree spot, 25, and 35 degree flood

### LED Characteristics

**L70 Lifespan:**

25,000

**Color Rendering Index (CRI):**

≥90CRI

**R9 Value:**

≥50

**Color Stability:**

LED color temperature is warranted to shift no more than 200K in CCT over a 5-year period

**Color Uniformity:**

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017

### Other

**Equivalency:**

MR16: 35W, 50W, 75W

GU10: 60W

PAR16: 60W

**Warranty:**

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

	Color Temp	Input Voltage	Rated Lamp Wattage	Equivalent Wattage	Base Type	Lumens	CRI	Beam Angle	Center-beam Candlepower	Dimmable	Efficacy (lm/W)
<b>MR16 5W</b>	2700K 3000K 4000K	12V	5W	35W Halogen	GU5.3	400	≥90	15° 25° 35°	2700K = 3367 3000K = 1601 4000K = 906	Yes	80 lm/W
<b>MR16 6.5W</b>	2700K 3000K 4000K	12V	6.5W	50W Halogen	GU5.3	500	≥90	15° 25° 35°	2700K = 4885 3000K = 2323 4000K = 1315	Yes	77 lm/W
<b>MR16 7.5W</b>	2700K 3000K 4000K	12V	7.5W	75W Halogen	GU5.3	560	≥90	15° 25° 35°	2700K = 5433 3000K = 2583 4000K = 1463	Yes	75 lm/W
<b>GU10 6.5W</b>	3000K	120V	6.5W	60W Halogen	GU10	560	≥90	35°	3000K = 803	Yes	86 lm/W
<b>PAR16 6.5W</b>	3000K	120V	6.5W	60W Halogen	PAR16	560	≥90	35°	3000K = 803	Yes	86 lm/W

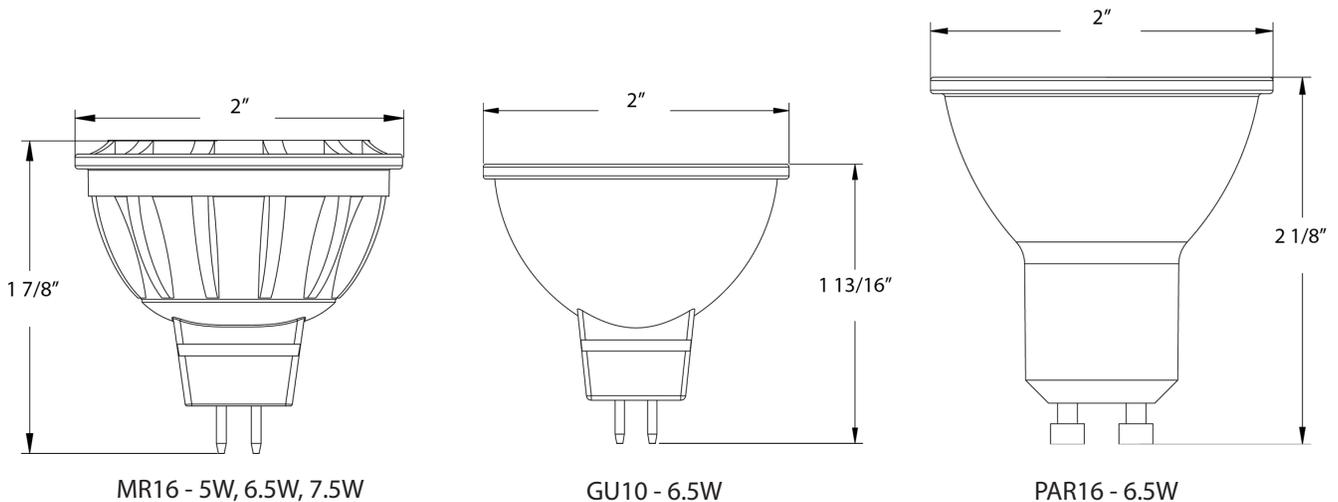
**Case and Pallet Dimensions**

<b>MR16</b>	QTY	Length x Width x Height (in)
Case	12	8.74 x 6.61 x 2.165
Pallet	5,760	44.49 x 40.47 x 45.35

<b>GU10</b>	QTY	Length x Width x Height (in)
Case	12	8.74 x 6.61 x 2.36
Pallet	5,400	44.49 x 40.47 x 45.57

<b>PAR16</b>	QTY	Length x Width x Height (in)
Case	12	8.74 x 6.61 x 2.99
Pallet	4,320	44.49 x 40.47 x 43.94

**T20 Dimensions**



# Ordering Matrix



Product	Lamp Power	Color Temperature	Beam Angle	Dimmable	Generation
MR16				DIM	G2
	<b>5</b> 5W <b>6.5</b> 6.5W <b>7.5</b> 7.5W	<b>927</b> 2700K <b>930</b> 3000K <b>940</b> 4000K	<b>15D</b> 15° <b>25D</b> 25° <b>35D</b> 35°	<b>DIM</b> Dimmable	<b>G2</b> Generation 2

Product	Lamp Power	Color Temperature	Beam Angle	Dimmable	Generation
GU10	6.5	930	35D	DIM	G2
	<b>6.5</b> 6.5W	<b>930</b> 3000K	<b>35D</b> 35°	<b>DIM</b> Dimmable	<b>G2</b> Generation 2

Product	Lamp Power	Color Temperature	Beam Angle	Dimmable	Generation
PAR16	6.5	930	35D	DIM	G2
	<b>6.5</b> 6.5W	<b>930</b> 3000K	<b>35D</b> 35°	<b>DIM</b> Dimmable	<b>G2</b> Generation 2