



# LED MR16

## Lamps

### Product Specifications

The same performance that you have come to expect in TCP PAR lamps can now be found in our LED MR16s—the perfect replacement for a 50 watt or 35 watt halogen.

### Reasons to choose the LED MR16 Lamps from TCP

- Energy Efficient: 80% more efficient than halogen
- Replaces a 50W or 35W halogen
- Excellent CBCP and beam quality
- ROI < 1 year
- Long life: 25,000 hours (lasts at least 12 times longer than halogen)
- Excellent color consistency and high color rendering (CRI)
- Smooth, uniform dimming

### Ideal Applications

- Track Lights
- Recessed Downlights
- Display Lights
- Retail Merchandising

### Specifications:

Input Line Voltage .....	12V/120v	CCT .....	2400K/2700K/3000K/4100K
Input Line Frequency.....	50/60HZ	CRI.....	80/90
Lamp Life (Rated) .....	25,000 hours	Beam Angle .....	20°, 40°
Minimum Starting Temp .....	-30°C	Base .....	GU5.3, GU10, E26
Maximum Operating Temp.....	40°C	Not recommended for totally enclosed fixtures.	

## Specifications:



**GU 5.3  
NFL**



**GU 5.3  
FL**



**P16  
NFL**



**GU10  
FL**



**GU10  
NFL**



**P16  
FL**

ITEM #	DESCRIPTION	VOLTAGE	WATTS	REPLACEMENT	LUMENS	LPW	BEAM ANGLE	CCT	CRI	MOL (inches)	DIA (inches)	BASE	CASE QTY
<b>GU5.3 50W EQUIV MR16 LAMPS Elite</b>													
LED712VMR16V24KNFL	LED 7W MR16 24K GU5.3 NFL	12V	7	50	450	64.3	20°	2400K	80	1.8	2.0	GU5.3	12
LED712VMR16V24KFL	LED 6.5W MR16 24K GU5.3 FL	12V	6.5	50	450	69.2	40°	2400K	80	1.8	2.0	GU5.3	12
LED712VMR16V27KNFL	LED 7W MR16 27K GU5.3 NFL	12V	7	50	500	71.4	20°	2700K	80	1.8	2.0	GU5.3	12
LED712VMR16V27KFL	LED 6.5W MR16 27K GU5.3 FL	12V	6.5	50	500	76.9	40°	2700K	80	1.8	2.0	GU5.3	12
LED712VMR16V30KNFL	LED 7W MR16 30K GU5.3 NFL	12V	7	50	500	71.4	20°	3000K	80	1.8	2.0	GU5.3	12
LED712VMR16V30KFL	LED 6.5W MR16 30K GU5.3 FL	12V	6.5	50	500	76.9	40°	3000K	80	1.8	2.0	GU5.3	12
LED712VMR16V41KNFL	LED 7W MR16 41K GU5.3 NFL	12V	7	50	500	71.4	20°	4100K	80	1.8	2.0	GU5.3	12
LED712VMR16V41KFL	LED 6.5W MR16 41K GU5.3 FL	12V	6.5	50	500	76.9	40°	4100K	80	1.8	2.0	GU5.3	12
LED712VMR16V50KFL	LED 6.5W MR16 50K GU5.3 FL	12V	6.5	50	500	76.9	40°	5000K	80	1.8	2.0	GU5.3	12
<b>GU5.3 50W EQUIV MR16 High CRI</b>													
LED712VMR16927KNFL	LED 7W MR16 27K GU5.3 NFL	12V	7	50	425	60.7	20°	2700K	90	1.8	2.0	GU5.3	12
LED712VMR16927KNFLB	LED 7W MR16 27K GU5.3 NFL BLK	12V	7	50	425	60.7	20°	2700K	90	1.8	2.0	GU5.3	12
LED712VMR16927KFL	LED 6.5W MR16 27K GU5.3 FL	12V	6.5	50	425	65.4	40°	2700K	90	1.8	2.0	GU5.3	12
LED712VMR16927KFLB	LED 6.5W MR16 27K GU5.3 FL BLK	12V	6.5	50	425	65.4	40°	2700K	90	1.8	2.0	GU5.3	12
LED712VMR16930KNFL	LED 6.5W MR16 30K GU5.3 NFL	12V	7	50	425	60.7	20°	3000K	90	1.8	2.0	GU5.3	12
LED712VMR16930KFL	LED 7W MR16 30K GU5.3 FL	12V	6.5	50	425	65.4	40°	3000K	90	1.8	2.0	GU5.3	12
LED712VMR16930KFLB	LED 6.5W MR16 30K GU5.3 FL BLK	12V	6.5	50	425	65.4	40°	3000K	90	1.8	2.0	GU5.3	12
LED712VMR16941KNFL	LED 7W MR16 41K GU5.3 NFL	12V	7	50	425	60.7	20°	4100K	90	1.8	2.0	GU5.3	12
LED712VMR16941KFL	LED 6.5W MR16 41K GU5.3 FL	12V	6.5	50	470	72.3	40°	4100K	90	1.8	2.0	GU5.3	12

## Specifications:

ITEM #	DESCRIPTION	VOLTAGE	WATTS	REPLACEMENT	LUMENS	LPW	BEAM ANGLE	CCT	CRI	MOL (inches)	DIA (inches)	BASE	CASE QTY
<b>GU5.3 35W EQUIV MR16 LAMPS</b>													
LED512VMR1627KNFL	LED 5W MR16 27K GU5.3 NFL	12V	5	35	400	80	20°	2700K	80	1.8	2.0	GU5.3	12
LED512VMR1627KFL	LED 5W MR16 27K GU5.3 FL	12V	5	35	400	80	40°	2700K	80	1.8	2.0	GU5.3	12
LED512VMR1630KNFL	LED 5W MR16 30K GU5.3 NFL	12V	5	35	400	80	20°	3000K	80	1.8	2.0	GU5.3	12
LED512VMR1630KFL	LED 5W MR16 30K GU5.3 FL	12V	5	35	400	80	40°	3000K	80	1.8	2.0	GU5.3	12
LED512VMR1641KFL	LED 5W MR16 30K GU5.3 FL	12V	5	35	400	80	40°	3000K	80	1.8	2.0	GU5.3	12
<b>GU10 35W EQUIV</b>													
LED7GU10MR1627KFL	LED 5W MR16 27K GU10 FL	120V	5	50	385	77	40°	2700K	80	2.3	2	GU10	12
LED7GU10MR1630KFL	LED 5W MR16 30K GU10 FL	120V	5	50	385	77	40°	3000K	80	2.3	2	GU10	12
LED7GU10MR1641KFL	LED 5W MR16 30K GU10 FL	120V	5	50	385	77	40°	3000K	80	2.3	2	GU10	12
<b>GU10 Designer Elite</b>													
LED7MR16GU1024KFL	LED 6W MR16 24K GU10 FL	120V	6	50	450	75	40°	2400K	80	2.3	2	GU10	12
LED7MR16GU1027KNFL	LED 6W MR16 27K GU10 NFL	120V	5.5	50	500	90.9	20°	2700K	80	2.3	2	GU10	12
LED7MR16GU1027KNFLB	LED 6W MR16 27K GU10 NFL BK	120V	5.5	50	500	90.9	20°	2700K	80	2.3	2	GU10	12
LED7MR16GU1027KFL	LED 6W MR16 27K GU10 FL	120V	6	50	500	83.3	40°	2700K	80	2.3	2	GU10	12
LED7MR16GU1030KNFL	LED 6W MR16 30K GU10 NFL	120V	5.5	50	500	90.9	20	3000K	80	2.3	2	GU10	12
LED7MR16GU1030KFL	LED 6W MR16 30K GU10 FL	120V	6	50	500	83.3	40°	3000K	80	2.3	2	GU10	12
LED7MR16GU1030KFLB	LED 6W MR16 30K GU10 FL BK	120V	6	50	500	83.3	40°	3000K	80	2.3	2	GU10	12
LED7MR16GU1041KNFL	LED 6W MR16 41K GU10 NFL	120V	5.5	50	500	90.9	20°	4100K	80	2.3	2	GU10	12
LED7MR16GU1041KFL	LED 6W MR16 41K GU10 FL	120V	6	50	500	83.3	40°	4100K	80	2.3	2	GU10	12
<b>PAR16</b>													
LED7P1624KFL	LED 7W P16 DIM 24KFL	120V	7	50	500	71.4	40°	2400K	80	2.9	2	E26	12
LED7P1627KNFL	LED 7W P16 DIM 27KNFL	120V	7	50	500	71.4	20°	2700K	80	2.9	2	E26	12
LED7P1627KFL	LED 7W P16 DIM 27KFL	120V	7	50	500	71.4	40°	2700K	80	2.9	2	E26	12
LED7P1630KNFL	LED 7W P16 DIM 30KNFL	120V	7	50	500	71.4	20°	3000K	80	2.9	2	E26	12
LED7P1630KFL	LED 7W P16 DIM 30KFL	120V	7	50	500	71.4	40°	3000K	80	2.9	2	E26	12
LED7P1641KNFL	LED 7W P16 DIM 41KNFL	120V	7	50	500	71.4	20°	4100K	80	2.9	2	E26	12
LED7P1641KFL	LED 7W P16 DIM 41KFL	120V	7	50	500	71.4	40°	4100K	80	2.9	2	E26	12