



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
- Smooth, uniform dimming
- Excellent color consistency and high color rendering (CRI)
- Long life: 25,000 hours (lasts at least 12 times longer than halogen)

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**



**GU10
FL**



**GU10
NFL**



**P16
NFL/FL**

| ITEM # | DESCRIPTION | CBCP | VOLTAGE | WATTS | REPLACEMENT | LUMENS | LPW | BEAM ANGLE | CCT | CRI | MOL (inches) | DIA (inches) | BASE | CASE QTY |
|---|--------------------------------|------|---------|-------|-------------|--------|------|------------|-------|-----|--------------|--------------|-------|----------|
| GU5.3 50W EQUIV MR16 LAMPS Elite | | | | | | | | | | | | | | |
| 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 | 3520 | 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 | 1178 | 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 | 3660 | 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 | 1188 | 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 | 3720 | 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 | 1221 | 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 | 1178 | 12V | 6.5 | 50 | 500 | 76.9 | 40° | 5000K | 80 | 1.8 | 2.0 | GU5.3 | 12 |
| GU5.3 50W EQUIV MR16 High CRI | | | | | | | | | | | | | | |
| LED712VMR16927KNFL | LED 7W MR16 27K GU5.3 NFL | 2627 | 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 | 2627 | 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 | 1116 | 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 | 1116 | 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 | 2616 | 12V | 7 | 50 | 425 | 60.7 | 20° | 3000K | 90 | 1.8 | 2.0 | GU5.3 | 12 |
| LED712VMR16930KFL | LED 7W MR16 30K GU5.3 FL | 1226 | 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 | 1226 | 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 | 2658 | 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 | 1144 | 12V | 6.5 | 50 | 470 | 72.3 | 40° | 4100K | 90 | 1.8 | 2.0 | GU5.3 | 12 |



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Specifications:

| ITEM # | DESCRIPTION | CBCP | VOLTAGE | WATTS | REPLACEMENT | LUMENS | LPW | BEAM ANGLE | CCT | CRI | MOL (inches) | DIA (inches) | BASE | CASE QTY |
|-----------------------------------|------------------------------|------|---------|-------|-------------|--------|------|------------|-------|-----|--------------|--------------|-------|----------|
| GU5.3 35W EQUIV MR16 LAMPS | | | | | | | | | | | | | | |
| LED512VMR1627KNFL | LED 5W MR16 27K GU5.3 NFL | 2540 | 12V | 5 | 35 | 400 | 80 | 20° | 2700K | 80 | 1.8 | 2.0 | GU5.3 | 12 |
| LED512VMR1627KFL | LED 5W MR16 27K GU5.3 FL | 924 | 12V | 5 | 35 | 400 | 80 | 40° | 2700K | 80 | 1.8 | 2.0 | GU5.3 | 12 |
| LED512VMR1630KNFL | LED 5W MR16 30K GU5.3 NFL | 2548 | 12V | 5 | 35 | 400 | 80 | 20° | 3000K | 80 | 1.8 | 2.0 | GU5.3 | 12 |
| LED512VMR1630KFL | LED 5W MR16 30K GU5.3 FL | 853 | 12V | 5 | 35 | 400 | 80 | 40° | 3000K | 80 | 1.8 | 2.0 | GU5.3 | 12 |
| L5MR16D2530KFL6 | LED 5W MR16 30K GU5.3 FL 6PK | 853 | 12V | 5 | 35 | 400 | 80 | 40° | 3000K | 80 | 1.8 | 2.0 | GU5.3 | - |
| LED512VMR1641KFL | LED 5W MR16 41K GU5.3 FL | 938 | 12V | 5 | 35 | 400 | 80 | 40° | 4100K | 80 | 1.8 | 2.0 | GU5.3 | 12 |
| GU10 35W EQUIV | | | | | | | | | | | | | | |
| LED7GU10MR1627KFL | LED 5W MR16 27K GU10 FL | 728 | 120V | 5 | 50 | 385 | 77 | 40° | 2700K | 80 | 2.3 | 2 | GU10 | 12 |
| LED7GU10MR1630KFL | LED 5W MR16 30K GU10 FL | 756 | 120V | 5 | 50 | 385 | 77 | 40° | 3000K | 80 | 2.3 | 2 | GU10 | 12 |
| LED7GU10MR1641KFL | LED 5W MR16 41K GU10 FL | 630 | 120V | 5 | 50 | 385 | 77 | 40° | 4100K | 80 | 2.3 | 2 | GU10 | 12 |
| GU10 Designer Elite | | | | | | | | | | | | | | |
| 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 | 3732 | 120V | 5.5 | 50 | 500 | 90.9 | 20° | 2700K | 80 | 2.3 | 2 | GU10 | 12 |
| LED7MR16GU1027KNFLB | LED 6W MR16 27K GU10 NFL BK | 3732 | 120V | 5.5 | 50 | 500 | 90.9 | 20° | 2700K | 80 | 2.3 | 2 | GU10 | 12 |
| LED7MR16GU1027KFL | LED 6W MR16 27K GU10 FL | 1204 | 120V | 6 | 50 | 500 | 83.3 | 40° | 2700K | 80 | 2.3 | 2 | GU10 | 12 |
| LED7MR16GU1030KNFL | LED 6W MR16 30K GU10 NFL | 3777 | 120V | 5.5 | 50 | 500 | 90.9 | 20° | 3000K | 80 | 2.3 | 2 | GU10 | 12 |
| LED7MR16GU1030KFL | LED 6W MR16 30K GU10 FL | 1218 | 120V | 6 | 50 | 500 | 83.3 | 40° | 3000K | 80 | 2.3 | 2 | GU10 | 12 |
| LED7MR16GU1030KFLB | LED 6W MR16 30K GU10 FL BK | 1218 | 120V | 6 | 50 | 500 | 83.3 | 40° | 3000K | 80 | 2.3 | 2 | GU10 | 12 |
| LED7MR16GU1041KNFL | LED 6W MR16 41K GU10 NFL | 3924 | 120V | 5.5 | 50 | 500 | 90.9 | 20° | 4100K | 80 | 2.3 | 2 | GU10 | 12 |
| LED7MR16GU1041KFL | LED 6W MR16 41K GU10 FL | 1183 | 120V | 6 | 50 | 500 | 83.3 | 40° | 4100K | 80 | 2.3 | 2 | GU10 | 12 |
| PAR16 | | | | | | | | | | | | | | |
| 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 | 1547 | 120V | 7 | 50 | 500 | 71.4 | 20° | 2700K | 80 | 2.9 | 2 | E26 | 12 |
| LED7P1627KFL | LED 7W P16 DIM 27KFL | 1099 | 120V | 7 | 50 | 500 | 71.4 | 40° | 2700K | 80 | 2.9 | 2 | E26 | 12 |
| LED7P1630KNFL | LED 7W P16 DIM 30KNFL | 1514 | 120V | 7 | 50 | 500 | 71.4 | 20° | 3000K | 80 | 2.9 | 2 | E26 | 12 |
| LED7P1630KFL | LED 7W P16 DIM 30KFL | 1139 | 120V | 7 | 50 | 500 | 71.4 | 40° | 3000K | 80 | 2.9 | 2 | E26 | 12 |
| LED7P1641KNFL | LED 7W P16 DIM 41KNFL | 1514 | 120V | 7 | 50 | 500 | 71.4 | 20° | 4100K | 80 | 2.9 | 2 | E26 | 12 |
| LED7P1641KFL | LED 7W P16 DIM 41KFL | 1140 | 120V | 7 | 50 | 500 | 71.4 | 40° | 4100K | 80 | 2.9 | 2 | E26 | 12 |



TECHNOLOGY CAST IN A BEAUTIFUL LIGHT

For over 20 years, TCP has been designing, developing and delivering energy-efficient lighting into the market. Thanks to our cutting-edge technology and manufacturing expertise, we have shipped billions of high quality lighting products. With TCP, you can count on a lighting product that is designed to meet the needs of the market - that transforms your surroundings and envelopes you in warmth - lighting that generates beauty with every flip of the switch.

For more information on the quality and care TCP can deliver, call us at **800.324.1496** or visit tcsi.com

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