



Elite LED MR16 Series

DIMMABLE • 25,000 HOURS • 12V

The same performance that you have come to expect in TCP PAR lamps can now be found in our LED MR16—the perfect replacement for 50 watt halogen.



LIMITLESS OPTIONS FOR THE FOLLOWING APPLICATIONS

- Track Lights
- Recessed Downlights
- Display Lights
- Outdoor Fixtures (that protect from the elements)

| FEATURES | BENEFITS |
|---|--|
| High Lumen Output | Replaces 50W halogen MR16 |
| Up to 85% less energy than halogen alternatives | Instant energy savings |
| Smooth, uniform dimming | Set the perfect mood & atmosphere |
| Long life | Minimizes replacement and maintenance costs |
| Very low heat generation | Perfect for sensitive display lighting such as art galleries |
| Excellent color consistency and CRI | Enhances colors of focal point while maintaining uniformity throughout lighting installation from lamp to lamp |
| Light weight | Track or downlight installations are not strained by excess weight |
| Shatter resistant | Lower the risk of injury and breakage |

SPECIFICATIONS

| | |
|-----------------------------|----------------------------|
| Color Temperatures..... | 2400K, 2700K, 3000K, 4100K |
| Wattage Replacements..... | 50W |
| Input Line Voltage | 12V |
| Input Line Frequency..... | 50/60HZ |
| Lamp Life (Rated) | 25,000 hours |
| Minimum Starting Temp | -30°C |
| Maximum Operating Temp..... | 40°C |
| CRI/High CRI..... | 80/90 |
| Beam Angles..... | 20°/40° |



3 YEAR WARRANTY

* Based on 12 hours use per day



MR16 GU5.3



MR16 GU10



PAR16





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| ITEM # | DESCRIPTION | VOLTAGE | LED WATTS | REPLACEMENT WATTS | LUMENS | LPW | BEAM ANGLE | CCT | CRI | MOL (inches) | DIA (inches) | CASE QTY |
|--|--------------------------------|---------|-----------|-------------------|--------|------|------------|-------|-----|--------------|--------------|----------|
| GU5.3 50W EQUIV MR16 LAMPS Elite (Value) • 25,000 Hour Life | | | | | | | | | | | | |
| LED712VMR16V24KNFL | LED 7W MR16 24K GU5.3 NFL | 12V | 7 | 50 | 450 | 64.3 | 20° | 2400K | 80 | 1.8 | 2.0 | 12 |
| LED712VMR16V24KFL | LED 7W MR16 24K GU5.3 FL | 12V | 7 | 50 | 450 | 64.3 | 40° | 2400K | 80 | 1.8 | 2.0 | 12 |
| LED712VMR16V27KNFL | LED 7W MR16 27K GU5.3 NFL | 12V | 7 | 50 | 500 | 71.4 | 20° | 2700K | 80 | 1.8 | 2.0 | 12 |
| LED712VMR16V27KFL | LED 7W MR16 27K GU5.3 FL | 12V | 7 | 50 | 500 | 71.4 | 40° | 2700K | 80 | 1.8 | 2.0 | 12 |
| LED712VMR16V30KNFL | LED 7W MR16 30K GU5.3 NFL | 12V | 7 | 50 | 500 | 71.4 | 20° | 3000K | 80 | 1.8 | 2.0 | 12 |
| LED712VMR16V30KFL | LED 7W MR16 30K GU5.3 FL | 12V | 7 | 50 | 500 | 71.4 | 40° | 3000K | 80 | 1.8 | 2.0 | 12 |
| LED712VMR16V41KNFL | LED 7W MR16 41K GU5.3 NFL | 12V | 7 | 50 | 500 | 71.4 | 20° | 4100K | 80 | 1.8 | 2.0 | 12 |
| LED712VMR16V41KFL | LED 7W MR16 41K GU5.3 FL | 12V | 7 | 50 | 500 | 71.4 | 40° | 4100K | 80 | 1.8 | 2.0 | 12 |
| LED712VMR16V50KFL | LED 7W MR16 50K GU5.3 FL | 12V | 7 | 50 | 500 | 71.4 | 40° | 5000K | 80 | 1.8 | 2.0 | 12 |
| GU5.3 50W EQUIV MR16 High CRI • 25,000 Hour Life | | | | | | | | | | | | |
| LED712VMR16927KNFL | LED 7W MR16 27K GU5.3 NFL | 12V | 7 | 50 | 425 | 65.4 | 20° | 2700K | 90 | 1.8 | 2.0 | 12 |
| LED712VMR16927KNFLB | LED 7W MR16 27K GU5.3 NFL BLK | 12V | 7 | 50 | 425 | 65.4 | 20° | 2700K | 90 | 1.8 | 2.0 | 12 |
| LED712VMR16927KFL | LED 6.5W MR16 27K GU5.3 FL | 12V | 6.5 | 50 | 425 | 65.4 | 40° | 2700K | 90 | 1.8 | 2.0 | 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 | 12 |
| LED712VMR16930KNFL | LED 7W MR16 30K GU5.3 NFL | 12V | 7 | 50 | 425 | 65.4 | 20° | 3000K | 90 | 1.8 | 2.0 | 12 |
| LED712VMR16930KFL | LED 6.5W MR16 30K GU5.3 FL | 12V | 6.5 | 50 | 425 | 65.4 | 40° | 3000K | 90 | 1.8 | 2.0 | 12 |
| LED712VMR16941KNFL | LED 7W MR16 41K GU5.3 NFL | 12V | 7 | 50 | 425 | 65.4 | 20° | 4100K | 90 | 1.8 | 2.0 | 12 |
| LED712VMR16941KFL | LED 6.5W MR16 41K GU5.3 FL | 12V | 6.5 | 50 | 425 | 65.4 | 40° | 4100K | 90 | 1.8 | 2.0 | 12 |
| GU5.3 35W EQUIV MR16 LAMPS • 25,000 Hour Life | | | | | | | | | | | | |
| LED512VMR1627KNFL | LED 5W MR16 27K GU5.3 NFL | 12V | 5 | 35 | 350 | 68.0 | 20° | 2700K | 80 | 1.8 | 2.0 | 12 |
| LED512VMR1627KFL | LED 5W MR16 27K GU5.3 FL | 12V | 5 | 35 | 380 | 70.0 | 40° | 2700K | 80 | 1.8 | 2.0 | 12 |
| LED512VMR1630KNFL | LED 5W MR16 30K GU5.3 NFL | 12V | 5 | 35 | 350 | 74.0 | 20° | 3000K | 80 | 1.8 | 2.0 | 12 |
| LED512VMR1630KFL | LED 5W MR16 30K GU5.3 FL | 12V | 5 | 35 | 400 | 74.0 | 40° | 3000K | 80 | 1.8 | 2.0 | 12 |
| LED512VMR1641KFL | LED 5W MR16 41K GU5.3 FL | 12V | 5 | 35 | 400 | 74.0 | 40° | 4100K | 80 | 1.8 | 2.0 | 12 |
| GU10 35W EQUIV • 25,000 Hour Life | | | | | | | | | | | | |
| LED7GU10MR1627KFL | LED 5W MR16 27K GU10 FL | 120V | 5 | 50 | 385 | 69.1 | 40° | 2700K | 80 | 2.3 | 2.0 | 12 |
| LED7GU10MR1630KFL | LED 5W MR16 30K GU10 FL | 120V | 5 | 50 | 385 | 69.1 | 40° | 3000K | 80 | 2.3 | 2.0 | 12 |
| LED7GU10MR1641KFL | LED 5W MR16 41K GU10 FL | 120V | 5 | 50 | 385 | 76.4 | 40° | 4100K | 80 | 2.3 | 2.0 | 12 |
| GU10 Designer Elite • 25,000 Hour Life | | | | | | | | | | | | |
| LED7MR16GU1024KFL | LED 6W MR16 24K GU10 FL | 120V | 6 | 50 | 450 | 75.0 | 40° | 2400K | 80 | 2.3 | 2.0 | 12 |
| LED7MR16GU1027KNFL | LED 5.5W MR16 27K GU10 NFL | 120V | 5.5 | 50 | 500 | 90.9 | 20° | 2700K | 80 | 2.3 | 2.0 | 12 |
| LED7MR16GU1027KFL | LED 6W MR16 27K GU10 FL | 120V | 6 | 50 | 500 | 83.3 | 40° | 2700K | 80 | 2.3 | 2.0 | 12 |
| LED7MR16GU1030KNFL | LED 5.5W MR16 30K GU10 NFL | 120V | 5.5 | 50 | 500 | 90.9 | 20° | 3000K | 80 | 2.3 | 2.0 | 12 |
| LED7MR16GU1030KFL | LED 6W MR16 30K GU10 FL | 120V | 6 | 50 | 500 | 83.3 | 40° | 3000K | 80 | 2.3 | 2.0 | 12 |
| LED7MR16GU1041KNFL | LED 5.5W MR16 41K GU10 NFL | 120V | 5.5 | 50 | 500 | 90.9 | 20° | 4100K | 80 | 2.3 | 2.0 | 12 |
| LED7MR16GU1041KFL | LED 6W MR16 41K GU10 FL | 120V | 6 | 50 | 500 | 83.3 | 40° | 4100K | 80 | 2.3 | 2.0 | 12 |
| Par16 • 25,000 Hour Life | | | | | | | | | | | | |
| LED7P1624KFL | LED 7W P16 DIM 24KFL | 120V | 7 | 50 | 500 | 71.4 | 40° | 2400K | 80 | 2.9 | 2.0 | 12 |
| LED7P1627KNFL | LED 7W P16 DIM 27KNFL | 120V | 7 | 50 | 500 | 71.4 | 20° | 2700K | 80 | 2.9 | 2.0 | 12 |
| LED7P1627KFL | LED 7W P16 DIM 27KFL | 120V | 7 | 50 | 500 | 71.4 | 40° | 2700K | 80 | 2.9 | 2.0 | 12 |
| LED7P1630KNFL | LED 7W P16 DIM 30KNFL | 120V | 7 | 50 | 500 | 71.4 | 20° | 3000K | 80 | 2.9 | 2.0 | 12 |
| LED7P1630KFL | LED 7W P16 DIM 30KFL | 120V | 7 | 50 | 500 | 71.4 | 40° | 3000K | 80 | 2.9 | 2.0 | 12 |
| LED7P1641KNFL | LED 7W P16 DIM 41KNFL | 120V | 7 | 50 | 500 | 71.4 | 20° | 4100K | 80 | 2.9 | 2.0 | 12 |
| LED7P1641KFL | LED 7W P16 DIM 41KFL | 120V | 7 | 50 | 500 | 71.4 | 40° | 4100K | 80 | 2.9 | 2.0 | 12 |

