



# Elite 7W 12V MR16

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 50 watt halogen.

## Limitless options for the following applications:

- Track Lights
- Recessed Downlights
- Display Lights
- Outdoor Fixtures (That Protect from Elements)

## Great features and benefits:

- Energy Efficient: 80% more efficient than halogen.
- Replaces 50W Halogen.
- Excellent CBCP and Beam Quality.
- Long life: 25,000 hours (lasts at least 12 times longer than halogen.)
- ROI < 1 year.
- Excellent Color consistency and high color rendering (CRI).
- Smooth, Uniform Dimming.



7W 12V MR16



LED  
we know light.™





## ELITE Series

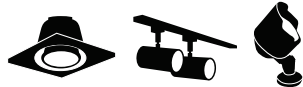
## LED Dimmable 7W 12V MR16 Lamp

LED Dimmable MR16 25,000 Hours average rated life, 12 Volts

### Applications:

Ideal for dimmable MR16 flood and spot applications.

- ✦ Track Lights
- ✦ Recessed Downlights
- ✦ Display Lights
- ✦ Outdoor Fixtures that Protect Lamps 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. |
| Low weight                                      | Track or down light installations are not strained by excess weight.                                            |
| Shatter resistant                               | Lower the risk of injury and breakage                                                                           |

Catalog Number

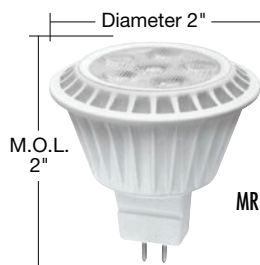
Notes

Type



### Specifications

|                        |                    |
|------------------------|--------------------|
| Input Line Voltage:    | 12V                |
| Input Power            | 7W                 |
| Input Line Frequency   | 50/60HZ            |
| Lamp Life (Rated)      | 25,000 hrs         |
| Minimum Starting Temp  | -30°C              |
| Maximum Operating Temp | 40°C               |
| CCT                    | 24K, 27K, 30K, 41K |
| CRI                    | 82                 |
| Beam Angles            | 20 & 40            |



MR16

### Lens Angles

20° Narrow Flood 40° Flood

| Warranties and Certifications:                                                                                | Item #                                                 | Description                                  | Voltage | Wattage | Replacement | Lumens | LPW  | CBCE est. | Beam Angle | CCT   | CRI | CRI | M.O.L. (inches) | Diameter (inches) | Case Quantity |
|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|----------------------------------------------|---------|---------|-------------|--------|------|-----------|------------|-------|-----|-----|-----------------|-------------------|---------------|
| <br><b>5 YEAR WARRANTY</b> | <b>50W Elite MR16</b>                                  |                                              |         |         |             |        |      |           |            |       |     |     |                 |                   |               |
|                                                                                                               | LED712VMR16V24KNFL                                     | Dimmable 7W 12V MR16 - 2400K, 20°            | 12      | 7       | 50          | 450    | 64.3 | 2802      | 20         | 2400K | 82  | >0  | 2               | 2                 | 12            |
|                                                                                                               | LED712VMR16V24KFL                                      | Dimmable 7W 12V MR16 - 2400K, 40°            | 12      | 7       | 50          | 450    | 64.3 | 898       | 40         | 2400K | 82  | >0  | 2               | 2                 | 12            |
|                                                                                                               | LED712VMR16V27KNFL                                     | Dimmable 7W 12V MR16 - 2700K, 20°            | 12      | 7       | 50          | 500    | 71.4 | 3796      | 20         | 2700K | 82  | >0  | 2               | 2                 | 12            |
|                                                                                                               | LED712VMR16V27KFL                                      | Dimmable 7W 12V MR16 - 2700K, 40°            | 12      | 7       | 50          | 500    | 71.4 | 1057      | 40         | 2700K | 82  | >0  | 2               | 2                 | 12            |
|                                                                                                               | LED712VMR16V30KNFL                                     | Dimmable 7W 12V MR16 - 3000K, 20°            | 12      | 7       | 50          | 500    | 71.4 | 3796      | 20         | 3000K | 82  | >0  | 2               | 2                 | 12            |
|                                                                                                               | LED712VMR16V30KFL                                      | Dimmable 7W 12V MR16 - 3000K, 40°            | 12      | 7       | 50          | 500    | 71.4 | 1057      | 40         | 3000K | 82  | >0  | 2               | 2                 | 12            |
|                                                                                                               | LED712VMR16V41KNFL                                     | Dimmable 7W 12V MR16 - 4100K, 20°            | 12      | 7       | 50          | 525    | 75.0 | 3796      | 20         | 4100K | 82  | >0  | 2               | 2                 | 12            |
|                                                                                                               | LED712VMR16V41KFL                                      | Dimmable 7W 12V MR16 - 4100K, 40°            | 12      | 7       | 50          | 525    | 75.0 | 1057      | 40         | 4100K | 82  | >0  | 2               | 2                 | 12            |
| Specification Notes:                                                                                          | <b>50W Designer Elite MR16</b>                         |                                              |         |         |             |        |      |           |            |       |     |     |                 |                   |               |
|                                                                                                               | LED712VMR16824KNFL                                     | Dimmable 7W 12V MR16 - 2400K, 20°            | 12      | 7       | 50          | 450    | 64.3 | 2802      | 20         | 2400K | 82  | >0  | 2               | 2                 | 12            |
|                                                                                                               | LED712VMR16824KFL                                      | Dimmable 7W 12V MR16 - 2400K, 40°            | 12      | 7       | 50          | 450    | 64.3 | 898       | 40         | 2400K | 82  | >0  | 2               | 2                 | 12            |
|                                                                                                               | LED712VMR16827KNFL                                     | Dimmable 7W 12V MR16 - 2700K, 20°            | 12      | 7       | 50          | 500    | 71.4 | 3296      | 20         | 2700K | 82  | >0  | 2               | 2                 | 12            |
|                                                                                                               | LED712VMR16827KFL                                      | Dimmable 7W 12V MR16 - 2700K, 40°            | 12      | 7       | 50          | 500    | 71.4 | 1057      | 40         | 2700K | 82  | >0  | 2               | 2                 | 12            |
|                                                                                                               | LED712VMR16830KNFL                                     | Dimmable 7W 12V MR16 - 3000K, 20°            | 12      | 7       | 50          | 500    | 71.4 | 3296      | 20         | 3000K | 82  | >0  | 2               | 2                 | 12            |
|                                                                                                               | LED712VMR16830KFL                                      | Dimmable 7W 12V MR16 - 3000K, 40°            | 12      | 7       | 50          | 500    | 71.4 | 1057      | 40         | 3000K | 82  | >0  | 2               | 2                 | 12            |
|                                                                                                               | LED712VMR16841KNFL                                     | Dimmable 7W 12V MR16 - 4100K, 20°            | 12      | 7       | 50          | 525    | 75.0 | 3296      | 20         | 4100K | 82  | >0  | 2               | 2                 | 12            |
|                                                                                                               | LED712VMR16841KFL                                      | Dimmable 7W 12V MR16 - 4100K, 40°            | 12      | 7       | 50          | 525    | 75.0 | 1057      | 40         | 4100K | 82  | >0  | 2               | 2                 | 12            |
|                                                                                                               | <b>50W Designer Elite High CRI MR16</b>                |                                              |         |         |             |        |      |           |            |       |     |     |                 |                   |               |
|                                                                                                               | LED712VMR16924KNFL                                     | Dimmable 7W 12V MR16 - 2400K, 20° 9050       | 12      | 7       | 50          | 383    | 54.6 | 2381      | 20         | 2400K | 92  | >50 | 2               | 2                 | 12            |
|                                                                                                               | LED712VMR16924KFL                                      | Dimmable 7W 12V MR16 - 2400K, 40° 9050       | 12      | 7       | 50          | 383    | 54.6 | 764       | 40         | 2400K | 92  | >50 | 2               | 2                 | 12            |
|                                                                                                               | LED712VMR16927KNFL                                     | Dimmable 7W 12V MR16 - 2700K, 20° 9050       | 12      | 7       | 50          | 425    | 60.7 | 2802      | 20         | 2700K | 92  | >50 | 2               | 2                 | 12            |
|                                                                                                               | LED712VMR16927KFL                                      | Dimmable 7W 12V MR16 - 2700K, 40° 9050       | 12      | 7       | 50          | 425    | 60.7 | 898       | 40         | 2700K | 92  | >50 | 2               | 2                 | 12            |
|                                                                                                               | LED712VMR16930KNFL                                     | Dimmable 7W 12V MR16 - 3000K, 20° 9050       | 12      | 7       | 50          | 425    | 60.7 | 2802      | 20         | 3000K | 92  | >50 | 2               | 2                 | 12            |
|                                                                                                               | LED712VMR16930KFL                                      | Dimmable 7W 12V MR16 - 3000K, 40° 9050       | 12      | 7       | 50          | 425    | 60.7 | 898       | 40         | 3000K | 92  | >50 | 2               | 2                 | 12            |
|                                                                                                               | LED712VMR16941KNFL                                     | Dimmable 7W 12V MR16 - 4100K, 20° 9050       | 12      | 7       | 50          | 446    | 63.8 | 2802      | 20         | 4100K | 92  | >50 | 2               | 2                 | 12            |
|                                                                                                               | LED712VMR16941KFL                                      | Dimmable 7W 12V MR16 - 4100K, 40° 9050       | 12      | 7       | 50          | 446    | 63.8 | 898       | 40         | 4100K | 92  | >50 | 2               | 2                 | 12            |
|                                                                                                               | <b>50W Designer Elite High CRI MR16, Black Housing</b> |                                              |         |         |             |        |      |           |            |       |     |     |                 |                   |               |
|                                                                                                               | LED712VMR16927KNFLB                                    | Dimmable 7W 12V MR16 - 2700K, 20° 9050 Black | 12      | 7       | 50          | 425    | 60.7 | 2802      | 20         | 2700K | 92  | >50 | 2               | 2                 | 12            |
|                                                                                                               | LED712VMR16927KFLB                                     | Dimmable 7W 12V MR16 - 2700K, 40° 9050 Black | 12      | 7       | 50          | 425    | 60.7 | 898       | 40         | 2700K | 92  | >50 | 2               | 2                 | 12            |