



# 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 the 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:

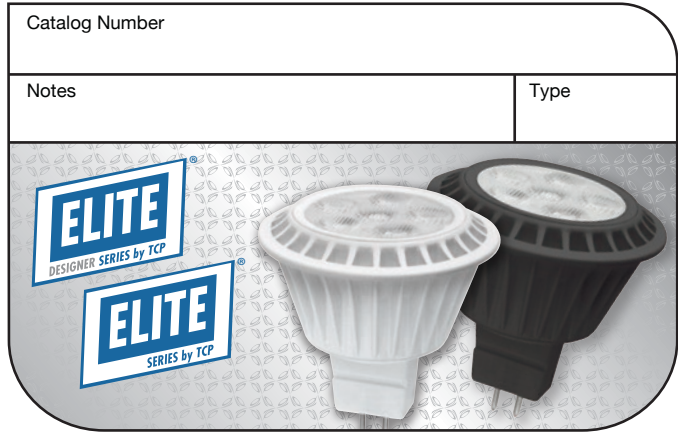
Ideal for dimmable MR16 flood and spot applications.

- ✦ Track Lights
- ✦ Recessed Downlights
- ✦ Display Lights
- ✦ Outdoor Fixtures that protect lamps from the elements



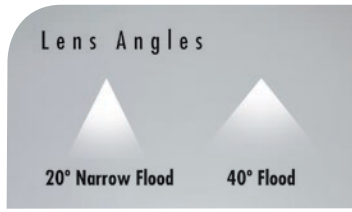
### Features      Benefits

|   |  |
|---|--|
| 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 |
| Light weight                                    | Track or downlight installations are not strained by excess weight   |
| Shatter resistant                               | Lower the risk of injury and breakage  |



### 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/High CRI           | .80/.90            |
| Beam Angles            | 20 & 40            |



| Warranties and Certifications:  | Item #                      | Description                                    | Voltage | Wattage | Replacement | Lumens | LPW  | CBCP est. | Beam Angle | CCT   | CRI | M.O.L. (inches) | Diameter (inches) | Case Quantity |  |
|---------------------------------|-----------------------------|--|---------|---------|-------------|--------|------|-----------|------------|-------|-----|-----------------|-------------------|---------------|--|
| <b>3 YEAR WARRANTY*</b><br><br> | <b>50W Elite Value MR16</b> |  |         |         |             |        |      |           |            |       |     |                 |                   |               |  |
|                                 | LED712VMR16V24KNFL          | Dimmable 7W 12V MR16 - 2400K, 20°              | 12      | 7       | 50          | 450    | 64.3 | 2802      | 20°        | 2400K | 80  | 2               | 2                 | 12            |  |
|                                 | LED712VMR16V24KFL           | Dimmable 7W 12V MR16 - 2400K, 40°              | 12      | 7       | 50          | 450    | 64.3 | 898       | 40°        | 2400K | 80  | 2               | 2                 | 12            |  |
|                                 | LED712VMR16V27KNFL          | Dimmable 7W 12V MR16 - 2700K, 20°              | 12      | 7       | 50          | 450    | 64.3 | 4579      | 20°        | 2700K | 80  | 2               | 2                 | 12            |  |
|                                 | LED712VMR16V27KFL           | Dimmable 7W 12V MR16 - 2700K, 40°              | 12      | 7       | 50          | 480    | 68.6 | 1369      | 40°        | 2700K | 80  | 2               | 2                 | 12            |  |
|                                 | LED712VMR16V30KNFL          | Dimmable 7W 12V MR16 - 3000K, 20°              | 12      | 7       | 50          | 470    | 67.1 | 4093      | 20°        | 3000K | 80  | 2               | 2                 | 12            |  |
|                                 | LED712VMR16V30KFL           | Dimmable 7W 12V MR16 - 3000K, 40°              | 12      | 7       | 50          | 500    | 71.4 | 1211      | 40°        | 3000K | 80  | 2               | 2                 | 12            |  |
|                                 | LED712VMR16V41KNFL          | Dimmable 7W 12V MR16 - 4100K, 20°              | 12      | 7       | 50          | 525    | 75.0 | 4381      | 20°        | 4100K | 80  | 2               | 2                 | 12            |  |
|                                 | LED712VMR16V41KFL           | Dimmable 7W 12V MR16 - 4100K, 40°              | 12      | 7       | 50          | 525    | 75.0 | 1138      | 40°        | 4100K | 80  | 2               | 2                 | 12            |  |
|                                 |                             | <b>50W Elite MR16</b>                          |         |         |             |        |      |           |            |       |     |                 |                   |               |  |
| LED712VMR16824KNFL              |                             | Dimmable 7W 12V MR16 - 2400K, 20°              | 12      | 7       | 50          | 450    | 64.3 | 2802      | 20°        | 2400K | 80  | 2               | 2                 | 12            |  |
| LED712VMR16824KFL               |                             | Dimmable 7W 12V MR16 - 2400K, 40°              | 12      | 7       | 50          | 450    | 64.3 | 898       | 40°        | 2400K | 80  | 2               | 2                 | 12            |  |
| LED712VMR16827KNFL              |                             | Dimmable 7W 12V MR16 - 2700K, 20°              | 12      | 7       | 50          | 500    | 71.4 | 4042      | 20°        | 2700K | 80  | 2               | 2                 | 12            |  |
| LED712VMR16827KFL               |                             | Dimmable 7W 12V MR16 - 2700K, 40°              | 12      | 7       | 50          | 500    | 71.4 | 1266      | 40°        | 2700K | 80  | 2               | 2                 | 12            |  |
| LED712VMR16830KNFL              |                             | Dimmable 7W 12V MR16 - 3000K, 20°              | 12      | 7       | 50          | 500    | 71.4 | 3095      | 20°        | 3000K | 80  | 2               | 2                 | 12            |  |
| LED712VMR16830KFL               |                             | Dimmable 7W 12V MR16 - 3000K, 40°              | 12      | 7       | 50          | 500    | 71.4 | 1151      | 40°        | 3000K | 80  | 2               | 2                 | 12            |  |
| LED712VMR16841KNFL              |                             | Dimmable 7W 12V MR16 - 4100K, 20°              | 12      | 7       | 50          | 525    | 75.0 | 3440      | 20°        | 4100K | 80  | 2               | 2                 | 12            |  |
| LED712VMR16841KFL               |                             | Dimmable 7W 12V MR16 - 4100K, 40°              | 12      | 7       | 50          | 525    | 75.0 | 1291      | 40°        | 4100K | 80  | 2               | 2                 | 12            |  |
|                                 |                             | <b>50W Designer Elite High CRI MR16</b>        |         |         |             |        |      |           |            |       |     |                 |                   |               |  |
|                                 | LED712VMR16927KNFL          | Dimmable 7W 12V MR16 - 2700K, 20°, 9050        | 12      | 7       | 50          | 425    | 60.7 | 2802      | 20°        | 2700K | 90  | 2               | 2                 | 12            |  |
|                                 | LED712VMR16927KFL           | Dimmable 7W 12V MR16 - 2700K, 40°, 9050        | 12      | 7       | 50          | 425    | 60.7 | 994       | 40°        | 2700K | 90  | 2               | 2                 | 12            |  |
|                                 | LED712VMR16927KNFLB         | Dimmable 7W 12V MR16 - 2700K, 20°, 9050, Black | 12      | 7       | 50          | 425    | 60.7 | 2802      | 20°        | 2700K | 90  | 2               | 2                 | 12            |  |
|                                 | LED712VMR16927KFLB          | Dimmable 7W 12V MR16 - 2700K, 40°, 9050, Black | 12      | 7       | 50          | 425    | 60.7 | 994       | 40°        | 2700K | 90  | 2               | 2                 | 12            |  |
|                                 | LED712VMR16930KNFL          | Dimmable 7W 12V MR16 - 3000K, 20°, 9050        | 12      | 7       | 50          | 425    | 60.7 | 2802      | 20°        | 3000K | 90  | 2               | 2                 | 12            |  |
|                                 | LED712VMR16930KFL           | Dimmable 7W 12V MR16 - 3000K, 40°, 9050        | 12      | 7       | 50          | 425    | 65.3 | 902       | 40°        | 3000K | 90  | 2               | 2                 | 12            |  |
|                                 | LED712VMR16941KNFL          | Dimmable 7W 12V MR16 - 4100K, 20°, 9050        | 12      | 7       | 50          | 445    | 63.8 | 2802      | 20°        | 4100K | 90  | 2               | 2                 | 12            |  |
|                                 | LED712VMR16941KFL           | Dimmable 7W 12V MR16 - 4100K, 40°, 9050        | 12      | 7       | 50          | 445    | 63.8 | 898       | 40°        | 4100K | 90  | 2               | 2                 | 12            |  |

For the most up-to-date specs, please visit [www.tcp.com](http://www.tcp.com)

\*Based on 12 hours use per day





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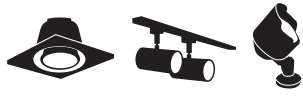
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**LED Dimmable MR16**      25,000 hours average rated life, 12 volts

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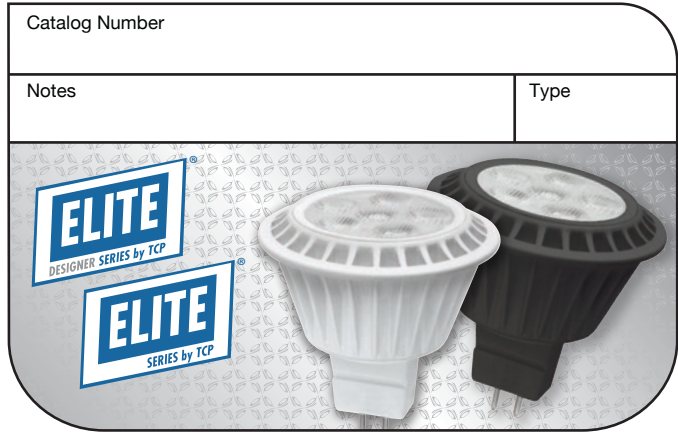
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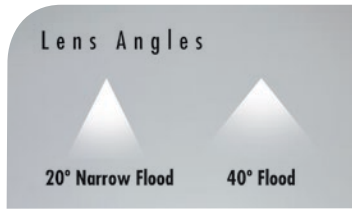
### Features      Benefits

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|---|--|
| 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   |
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### Specifications

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|------------------------|--------------------|
| Input Line Voltage:    | 12V                |
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| Input Line Frequency   | 50/60Hz            |
| Lamp Life (Rated)      | 25,000 hrs         |
| Minimum Starting Temp  | -30°C              |
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| CCT                    | 24K, 27K, 30K, 41K |
| CRI/High CRI           | .80/.90            |
| Beam Angles            | 20 & 40            |



| Warranties and Certifications:          | Item #   | Description                       | Voltage | Wattage | Replacement | Lumens | LPW  | CBCP est. | Beam Angle | CCT   | CRI | M.O.L. (inches) | Diameter (inches) | Case Quantity |    |
|---|--|-----------------------------------|---------|---------|-------------|--------|------|-----------|------------|-------|-----|-----------------|-------------------|---------------|----|
| <b>3 YEAR WARRANTY*</b><br><br>         | <b>50W Elite Value MR16</b>                    |                                   |         |         |             |        |      |           |            |       |     |                 |                   |               |    |
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| <b>50W Designer Elite High CRI MR16</b> |  |                                   |         |         |             |        |      |           |            |       |     |                 |                   |               |    |
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