

# ESSENTIAL MR16 -Dimmable

- Leading edge dimmer ✓
- Trailing edge dimmer ✓



LM80



|                               |                            |
|-------------------------------|----------------------------|
| Article Code                  | TMR16ESS-7W-XD             |
| Lamp Description              | Essential MR16 7W Dimmable |
| GENERAL CHARACTERISTICS       |                            |
| Shape                         | MR16                       |
| Cap - Base                    | GU5.3                      |
| Rated Wattage                 | 7 W                        |
| Input Voltage                 | 12 Vac                     |
| Operating Frequency           | 50Hz/60Hz                  |
| Luminous Flux                 | 430 lm/ 450lm              |
| Lifetime (hours)              | 25,000 hrs                 |
| Switching Cycles              | 50,000                     |
| Start Time from 0% to 100%    | < 0.5 s                    |
| Power Factor                  | 0.9                        |
| Working Temperature           | -20°C ~ 40°C               |
| Guarantee                     | 2 years                    |
| Dimension                     | W:50mm x H:49mm            |
| LIGHT CHARACTERISTICS         |                            |
| Color                         | Warm White                 |
| Color Temperature             | 2700 K / 3000 K / 4000 K   |
| Color Rendering Index         | Ra90                       |
| Lamp Efficacy                 | up to 61 lm/W              |
| Lumen Maintenance Factor      | 70 %                       |
| Beam Angle                    | 36D / 60D                  |
| Dimming Type                  | Phase cut dimming          |
| Color Consistency             | 3 Step MacAdam Ellipse     |
| Wattage Equivalent to Halogen | 50W                        |