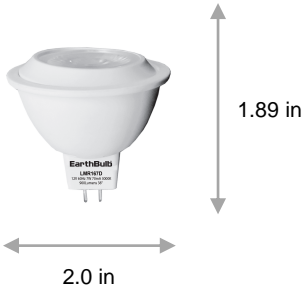


LED MR16

6.5 Watt 5000K MR16 LED



PRODUCT DESCRIPTION

6.5 watt MR16 EarthBulb LED bulb replaces 50 watt incandescent lamp for over 70% energy savings. 5000K cool white light with 38 degree beam angle. Great for use in dimming recessed lighting, track lighting and display lighting applications. High power, multi-chip LED and an advanced cooling system provides for 25,000 hours of LED life. Energy Star rated product.

PRODUCT FEATURES

- GU5.3 pin base is standard
- Provides 500 lumens, Capable of dimming to less than 5%
- Chipset provides 5000K cool white light with a high color rendering
- No Mercury, RoHS Certified

CONE OF LIGHT

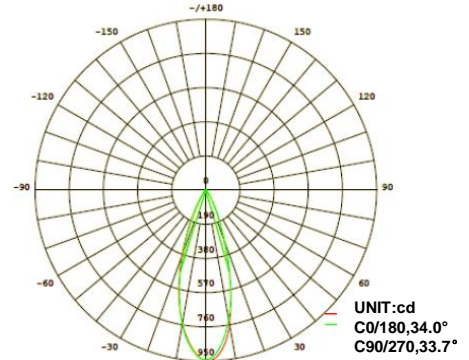
Lumens: 500

| Distance ft | Foot Candles fc | Diameter ft |
|-------------|-----------------|-------------|
| 2 | 226.8 | 1.15 |
| 4 | 56.70 | 2.31 |
| 6 | 25.20 | 3.46 |
| 8 | 14.18 | 4.62 |
| 10 | 9.07 | 5.78 |

PRODUCT APPLICATIONS



LUMINOUS DISTRIBUTION INTENSITY DIAGRAM

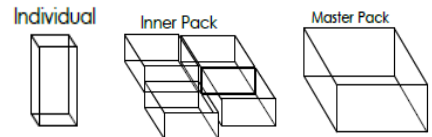


AVERAGE BEAM ANGLE (50%):33.9°

Note: IES files available upon request.

LUMINOUS DISTRIBUTION INTENSITY DATA

| Y(deg) | C(deg) | | | | |
|--------|--------|------|------|------|------|
| | 0 | 23 | 45 | 68 | 90 |
| 0 | 948 | 946 | 944 | 942 | 941 |
| 5 | 880 | 892 | 894 | 890 | 888 |
| 10 | 754 | 764 | 765 | 767 | 758 |
| 15 | 585 | 601 | 605 | 592 | 570 |
| 20 | 396 | 405 | 407 | 394 | 365 |
| 25 | 226 | 234 | 227 | 213 | 193 |
| 30 | 113 | 115 | 110 | 104 | 92.7 |
| 35 | 55.4 | 55.6 | 54.2 | 50.8 | 45.3 |
| 40 | 29 | 29.3 | 28 | 26.6 | 24.8 |
| 45 | 17.8 | 17.7 | 17.2 | 16.7 | 15.9 |
| 50 | 12.7 | 12.5 | 12.2 | 12 | 11.7 |
| 55 | 9.88 | 9.61 | 9.55 | 9.56 | 9.43 |
| 60 | 8.29 | 8.01 | 7.99 | 8.06 | 8.02 |
| 65 | 7.09 | 6.77 | 6.85 | 6.88 | 6.81 |
| 70 | 6.05 | 5.75 | 5.74 | 5.83 | 5.72 |
| 75 | 5.03 | 4.68 | 4.65 | 4.8 | 4.61 |
| 80 | 3.82 | 3.48 | 3.37 | 3.56 | 3.28 |
| 85 | 2.28 | 2.07 | 1.95 | 2.03 | 1.71 |
| 90 | 0.55 | 0.55 | 0.47 | 0.39 | 0.14 |



MODEL NUMBER: LMR16640D6

| Order Code | Pack Size | Individual UPC | Inner Pack UPC | Qty | Master Pack UPC | Qty |
|---|-----------|--------------------|-----------------|-----|----------------------|-----|
| 10836 | 1 | 840791108369 | 00840791108369 | 6 | 84079110836900 | 24 |
| Dimensions (inches - Length x Width x Height) | | | | | | |
| 10836 | 1 | 2.17 x 2.17 x 3.15 | 7.13 x 5 x 3.81 | 6 | 10.39 x 14.65 x 4.37 | 24 |
| Weight (lbs) | | | | | | |
| 10836 | 1 | 0.154 | 1.1 | 6 | 4.73 | 24 |

| Electrical | |
|-----------------------|---------------------|
| Watt | 6.5 |
| Input Current | 78 (mA) |
| Power Factor | > 0.50 |
| Voltage | 12 volt |
| Frequency | 60hz |
| Min. Start Temp | -4F |
| Max. Operating Temp | 104F |
| Base Type | GU5.3 |
| Light | |
| Initial Lumens | 500 |
| Lumens per Watt | 77 |
| Color Temperature | 5000K |
| Color Rendering (CRI) | 80 |
| Beam Angle | 38° |
| Agency Approvals | |
| UL | Yes |
| Energy Star | 25,000 hr rated |
| RoHS | Yes |
| FCC | Yes |
| Product Details | |
| Warranty | 10 years, 6 hrs/day |
| Mercury Content | 0 |
| Diameter | 2.0" |
| Overall Length | 1.89" |

