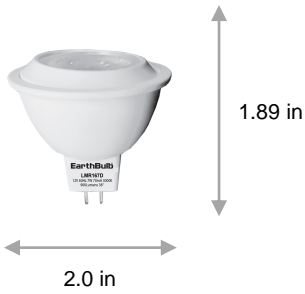


# LED MR16

## 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.

### 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

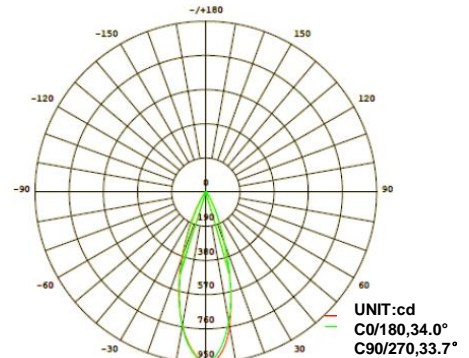
Lumens: 500

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

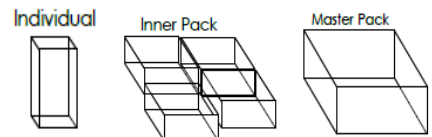


**AVERAGE BEAM ANGLE (50%):33.9°**

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
RoHS	Yes
FCC	Yes
Product Details	
Warranty	10 years, 6 hrs/day
Mercury Content	0
Diameter	2.0"
Overall Length	1.89"

