



TYPE

CATALOG #

PROJECT

NOTES

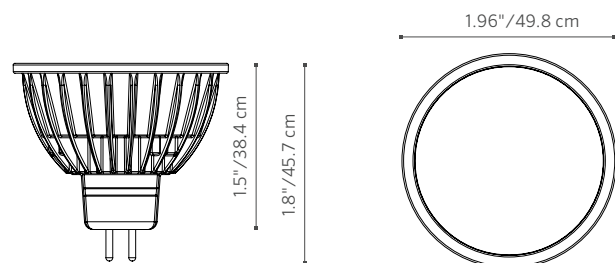
LED IN-GRADE FIXTURES

MR-16 LED Replacement Lamps

High-efficiency LED MR16 replacement lamps. Two intensities, four beam angle options, and two color temperatures. Optional zoning and dimming using Luxor technology.

Quick Facts

- 20W and 35W output equivalents
- 10°, 25°, 35°, 60° beam angles
- 2,700K and 3,900K color temperatures
- Compatible with ZDlink and ZDclick
- Compatible with Luxor Cubes



MR-16 REPLACEMENT SPECIFICATIONS

Holm

Holm. Born from an industry demand for a comprehensive offering of distinctive line and low-voltage lighting fixtures for the commercial market. Our products are designed to meet required specifications while echoing the aesthetics of the project. Holm is a Hunter Industries company with more than three decades of engineering expertise, now bringing its Luxor® technology to the commercial architectural and landscape lighting market.

Beam Angles

10° - Very Narrow
 25° - Narrow Flood
 35° - Flood
 60° - Wide Flood

Control

ZDlink™ or ZDClink™ utilizes Luxor® technology to zone light fixtures in up to 250 groups, dim each group in 1% increments between 0 and 100%, or change to one of 30,000 colors with RGBW LEDs. Select the ZD option for zoning/dimming.

Materials

Die-cast zinc

Weight

0.025 lbs.

Base

GU5.3

Power

Input voltage: 10-15 VAC

Lamp Life

40,000 hours

Color Temperature

2,700K and 3,900K

Finish

Black electrophoresis

Sustainability

Innovation meets conservation in the design and manufacturing of our products. When we can, we use recycled materials while maintaining superior functionality. Our LED products provide high-quality light at optimal energy efficiency, lifespan, and durability.

Warranty

5-year limited warranty

Listings



MR-16 REPLACEMENT LAMP

Item	Halogen Equivalent	Color Temperature	Beam Angle
MR-16 LED	■ 20 20W; consumes 4.3 VA	■ W 2,700K	■ VN Very Narrow Flood - 10°
MR-16 ZD Zoning/Dimming	■ 35 35W; consumes 5.4 VA	■ C 3,900K	■ NF Narrow Flood - 25°
			■ FL Flood - 35°
			■ WF Wide Flood - 60°

EXAMPLE LAMP CONFIGURATION: MR16LED-20-W-FL




MR-16 - PHOTOMETRICS

Description	Watts	VA	Equivalent Wattage	CCT	Beam Spread	Max Lumens	CBCP	CRI	Efficacy
Very Narrow Flood	4.0	4.3	20W	2,700K	10	270	4610	79	67
Narrow Flood	4.0	4.3	20W	2,700K	25	270	1690	79	67
Flood	4.0	4.3	20W	2,700K	35	260	750	80	65
Wide Flood	4.0	4.3	20W	2,700K	60	250	290	80	64
Very Narrow Flood	4.0	4.3	20W	3,900K	10	300	4590	83	74
Narrow Flood	4.0	4.3	20W	3,900K	25	315	1980	84	79
Flood	4.0	4.3	20W	3,900K	35	290	800	83	71
Wide Flood	4.0	4.3	20W	3,900K	60	290	490	84	70


MR-16 20W 10° 2700K

Feet	Center Beam Fc	Beam Width
3.0 ft	513 fc	0.5 ft
6.0 ft	128 fc	1.0 ft
9.0 ft	57.0 fc	1.5 ft
12.0 ft	32.1 fc	2.0 ft
15.0 ft	20.5 fc	2.5 ft
18.0 ft	14.3 fc	3.0 ft




MR-16 20W 25° 2700K

Feet	Center Beam Fc	Beam Width
3.0 ft	188 fc	1.0 ft
6.0 ft	47.1 fc	2.0 ft
9.0 ft	20.9 fc	3.1 ft
12.0 ft	11.8 fc	4.1 ft
15.0 ft	7.54 fc	5.1 ft
18.0 ft	5.23 fc	6.1 ft




MR-16 20W 35° 2700K

Feet	Center Beam Fc	Beam Width
3.0 ft	84.0 fc	1.6 ft
6.0 ft	21.0 fc	3.2 ft
9.0 ft	9.34 fc	4.7 ft
12.0 ft	5.25 fc	6.3 ft
15.0 ft	3.36 fc	7.9 ft
18.0 ft	2.33 fc	9.5 ft




MR-16 20W 60° 2700K

Feet	Center Beam Fc	Beam Width
3.0 ft	33.0 fc	2.9 ft
6.0 ft	8.25 fc	5.8 ft
9.0 ft	3.67 fc	8.7 ft
12.0 ft	2.06 fc	11.6 ft
15.0 ft	1.32 fc	14.4 ft
18.0 ft	0.92 fc	17.3 ft




MR-16 20W 10° 3900K

Feet	Center Beam Fc	Beam Width
3.0 ft	214 fc	0.5 ft
6.0 ft	53.4 fc	0.9 ft
9.0 ft	23.8 fc	1.4 ft
12.0 ft	13.4 fc	1.9 ft
15.0 ft	8.55 fc	2.3 ft
18.0 ft	5.94 fc	2.8 ft




MR-16 20W 25° 3900K

Feet	Center Beam Fc	Beam Width
3.0 ft	220 fc	1.0 ft
6.0 ft	55.1 fc	2.0 ft
9.0 ft	24.5 fc	3.0 ft
12.0 ft	13.8 fc	4.0 ft
15.0 ft	8.82 fc	5.0 ft
18.0 ft	6.12 fc	6.0 ft



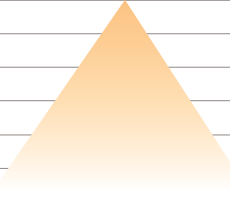
MR-16 20W 35° 3900K

Feet	Center Beam Fc	Beam Width
3.0 ft	89.1 fc	1.5 ft
6.0 ft	22.3 fc	3.1 ft
9.0 ft	9.90 fc	4.6 ft
12.0 ft	5.57 fc	6.2 ft
15.0 ft	3.57 fc	7.7 ft
18.0 ft	2.48 fc	9.2 ft



MR-16 20W 60° 3900K

Feet	Center Beam Fc	Beam Width
3.0 ft	54.6 fc	2.2 ft
6.0 ft	13.7 fc	4.4 ft
9.0 ft	6.07 fc	6.5 ft
12.0 ft	3.41 fc	8.7 ft
15.0 ft	2.18 fc	10.9 ft
18.0 ft	1.52 fc	13.1 ft




Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum. It is calculated using LM-79 method for SSL Luminaires.

MR-16 - PHOTOMETRICS

Description	Watts	VA	Equivalent Wattage	CCT	Beam Spread	Max Lumens	CBCP	CRI	Efficacy
Very Narrow Flood	5.0	5.4	35W	2,700K	10	365	3260	82	74
Narrow Flood	5.0	5.4	35W	2,700K	25	370	1600	82	75
Flood	5.0	5.4	35W	2,700K	35	335	840	82	65
Wide Flood	5.0	5.4	35W	2,700K	60	340	450	82	71
Very Narrow Flood	5.0	5.4	35W	3,900K	10	200	1920	83	39
Narrow Flood	5.0	5.4	35W	3,900K	25	365	1700	84	72
Flood	5.0	5.4	35W	3,900K	35	340	800	83	67
Wide Flood	5.0	5.4	35W	3,900K	60	350	520	83	69


MR-16 35W 10° 2700K

Feet	Center Beam Fc	Beam Width
3.0 ft	362 fc	0.7 ft
6.0 ft	90.6 fc	1.4 ft
9.0 ft	40.3 fc	2.1 ft
12.0 ft	22.6 fc	2.9 ft
15.0 ft	14.5 fc	3.6 ft
18.0 ft	10.1 fc	4.3 ft




MR-16 35W 25° 2700K

Feet	Center Beam Fc	Beam Width
3.0 ft	179 fc	1.3 ft
6.0 ft	44.7 fc	2.5 ft
9.0 ft	19.9 fc	3.8 ft
12.0 ft	11.2 fc	5.0 ft
15.0 ft	7.15 fc	6.3 ft
18.0 ft	4.97 fc	7.5 ft




MR-16 35W 35° 2700K

Feet	Center Beam Fc	Beam Width
3.0 ft	93.8 fc	1.7 ft
6.0 ft	23.5 fc	3.4 ft
9.0 ft	10.4 fc	5.1 ft
12.0 ft	5.86 fc	6.8 ft
15.0 ft	3.75 fc	8.4 ft
18.0 ft	2.61 fc	10. ft




MR-16 35W 60° 2700K

Feet	Center Beam Fc	Beam Width
3.0 ft	50.7 fc	2.7 ft
6.0 ft	12.7 fc	5.4 ft
9.0 ft	5.63 fc	8.1 ft
12.0 ft	3.17 fc	10.8 ft
15.0 ft	2.03 fc	13.5 ft
18.0 ft	1.41 fc	16.2 ft




MR-16 35W 10° 3900K

Feet	Center Beam Fc	Beam Width
3.0 ft	510 fc	0.5ft
6.0 ft	128 fc	1.0 ft
9.0 ft	56.7 fc	1.4 ft
12.0 ft	31.9 fc	1.9 ft
15.0 ft	20.4 fc	2.4 ft
18.0 ft	14.2 fc	2.9 ft




MR-16 35W 25° 3900K

Feet	Center Beam Fc	Beam Width
3.0 ft	189 fc	1.2 ft
6.0 ft	47.3 fc	2.4 ft
9.0 ft	21.0 fc	3.6 ft
12.0 ft	11.8 fc	4.8 ft
15.0 ft	7.56 fc	5.9 ft
18.0 ft	5.25 fc	7.1 ft




MR-16 35W 35° 3900K

Feet	Center Beam Fc	Beam Width
3.0 ft	89.6 fc	1.7 ft
6.0 ft	22.4 fc	3.4 ft
9.0 ft	9.95 fc	5.1 ft
12.0 ft	5.6 fc	6.8 ft
15.0 ft	3.58 fc	8.5 ft
18.0 ft	2.49 fc	10.2 ft



MR-16 35W 60° 3900K

Feet	Center Beam Fc	Beam Width
3.0 ft	58.1 fc	2.4 ft
6.0 ft	14.5 fc	4.8 ft
9.0 ft	6.46 fc	7.3 ft
12.0 ft	3.63 fc	9.7 ft
15.0 ft	2.33 fc	12.1 ft
18.0 ft	1.62 fc	14.5 ft



Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum. It is calculated using LM-79 method for SSL Luminaires.