

PRECISION MR16

DESCRIPTION

The new Brilliance Precision MR 16 comes in three different wattages 4W, 5W and 7W. It also comes in two different Kelvin temperatures 2700K and 3000K. The 4° beam spread is one of the narrowest in the entire lighting industry. Use this lamp anytime you need to pinpoint an object or light up a narrow object. The lamp is fully dimmable and will fit in most major brands of landscape lighting fixtures.

4-DEGREE MR16 FEATURES

- Available in three wattages (4W, 5W, and 7W) and two Kelvin temps (2700K and 3000K) to dial-in exactly the look you want.
- Features an ultra-narrow 4° beam spread, one of the tightest in the industry, for precise, pinpoint lighting.
- Ideal for highlighting specific objects or illuminating tall, narrow features with clean, focused intensity.
- Fully dimmable and compatible with most major landscape lighting fixtures for easy integration.



Part Number: **MR16-X-PREC-XXXX-4**

Wattage Kelvin Beam spread

4-DEGREE MR16 SPECS

Wattage	4W	5W	7W
Volt Amps	6.6	8.0	11.1
Lumens	2700K	320	380
	3000K	340	400
Beam Spread†	4°		
Kelvin Temperature	2700, 3000		
Operating Range	8-25VAC		
CRI	>.92		
IP	63		
Lamp Life (hours)	50,000 hours		
Warranty (years)	3		

PRECISION MR16 2700K 4° 4 W CANDLEPOWER = 6706		
Distance	Foot Candles	
2 ft	1.92"	1166.25
4 ft	3.85"	291.56
6 ft	5.77"	129.58
8 ft	7.69"	72.89
10 ft	9.62"	46.65
15 ft	1' 2"	20.73
20 ft	1' 7"	11.66
30ft	2' 4"	5.18
40 ft	3' 2"	2.92
50 ft	4'	1.87

PRECISION MR16 3000K 4° 4 W CANDLEPOWER = 7259		
Distance	Foot Candles	
2 ft	1.92"	1230.25
4 ft	3.85"	307.56
6 ft	5.77"	136.69
8 ft	7.69"	76.89
10 ft	9.62"	49.21
15 ft	1' 2"	21.87
20 ft	1' 7"	12.30
30ft	2' 4"	5.47
40 ft	3' 2"	3.08
50 ft	4'	1.97

PRECISION MR16 2700K 4° 5 W CANDLEPOWER = 7246		
Distance	Foot Candles	
2 ft	1.92"	1259.75
4 ft	3.85"	314.94
6 ft	5.77"	139.97
8 ft	7.69"	78.73
10 ft	9.62"	50.39
15 ft	1' 2"	22.40
20 ft	1' 7"	12.60
30ft	2' 4"	5.60
40 ft	3' 2"	3.15
50 ft	4'	2.02

PRECISION MR16 3000K 4° 5 W CANDLEPOWER = 8026		
Distance	Foot Candles	
2 ft	1.92"	1394.25
4 ft	3.85"	348.56
6 ft	5.77"	154.92
8 ft	7.69"	87.14
10 ft	9.62"	55.77
15 ft	1' 2"	24.79
20 ft	1' 7"	13.94
30ft	2' 4"	6.20
40 ft	3' 2"	3.49
50 ft	4'	2.23

PRECISION MR16 2700K 4° 7 W CANDLEPOWER = 7762		
Distance	Foot Candles	
2 ft	1.92"	1319.75
4 ft	3.85"	329.94
6 ft	5.77"	146.64
8 ft	7.69"	82.48
10 ft	9.62"	52.79
15 ft	1' 2"	23.46
20 ft	1' 7"	13.20
30ft	2' 4"	5.87
40 ft	3' 2"	3.30
50 ft	4'	2.11

PRECISION MR16 3000K 4° 7 W CANDLEPOWER = 8165		
Distance	Foot Candles	
2 ft	1.92"	1372.00
4 ft	3.85"	343.00
6 ft	5.77"	152.44
8 ft	7.69"	85.75
10 ft	9.62"	54.88
15 ft	1' 2"	24.39
20 ft	1' 7"	13.72
30ft	2' 4"	6.10
40 ft	3' 2"	3.43
50 ft	4'	2.20