



Lighting Performance Data

	Narrow				
	42W MR16 VNSP (EZY)	42W MR16 NSP (EYR)	42W MR16 SP (EYS)	50W MR16 NSP (EXT)	75W MR16 NSP (EYF)
FOOTCANDLES (On Beam Center At 6')	333	197	78	254	319
BEAM SPREAD (To 50% Max. CP)	7° x 9°	11.5°	20°	11° x 13°	14° x 15°
MAX. CANDLEPOWER (Candelas)	12,000	7,076	2,800	9,150	11,500
RATED LIFE (Hours)	3,000	3,000	3,000	3,000	3,500
COLOR TEMPERATURE	3,000°K	3,000°K	3,000°K	3,025°K	3,025°K
0° AIMING ANGLE Illumination on Horizontal Plane					
30° AIMING ANGLE Illumination on Horizontal Plane					
30° AIMING ANGLE Illumination on Vertical Plane					
45° AIMING ANGLE Illumination on Vertical or (Horizontal) Plane					

	Medium		Wide		
	50W MR16 NFL (EXZ)	75W MR16 NFL (EYJ)	42W MR16 FL (EYP)	50W MR16 FL (EXN)	75W MR16 FL (EYC)
FOOTCANDLES (On Beam Center At 6')	83	128	28	42	56
BEAM SPREAD (To 50% Max. CP)	22° x 27°	25°	36°	37° x 39°	38° x 40°
MAX. CANDLEPOWER (Candelas)	3,000	4,600	991	1,500	2,000
RATED LIFE (Hours)	3,000	3,500	3,000	3,000	3,500
COLOR TEMPERATURE	3,025°K	3,050°K	3,050°K	3,050°K	3,500°K
0° AIMING ANGLE Illumination on Horizontal Plane					
30° AIMING ANGLE Illumination on Horizontal Plane					
30° AIMING ANGLE Illumination on Vertical Plane					
45° AIMING ANGLE Illumination on Vertical or (Horizontal) Plane					

Beam Center Location

Distance D (ft.)	1	2	3	4	5	6	7	8	9	10
Distance C (ft.)	1.7	3.5	5.2	6.9	8.7	10.4	12.1	13.8	15.6	17.3

This chart locates the distance (C) to the center of the light beam for various distances (D) when the lamp is aimed 30° from vertical, the preferred aiming angle for lighting pictures on a wall.

Data are based on bare lamp photometrics. Dashed lines in beam spreads indicate narrow axes of oval shaped beams.
FC is initial footcandles at center of beam. **L** and **W** are to the point that the candlepower drops 50% of maximum.

Job Information Type:

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