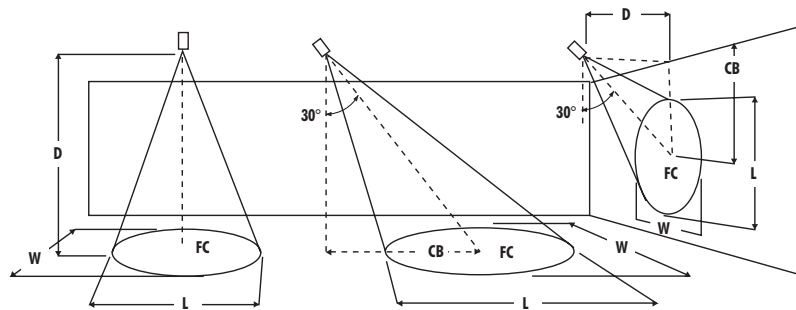


Type :

Project :

Catalog # :



D : Distance to the horizontal or vertical surface.
 FC : Initial foot candles at the center of the beam.
 L : Length of the beam where candle power is reduced to 50% of center beam candle power.
 W : Width of the beam where candle power is reduced to 50% of center beam candle power.
 CB : Distance to the center of the beam.

Lamp data given is typical and is based on bare lamp performance. Contact lamp manufacturers for availability and specific performance. Distance, length, and width given in decimal feet.

MR16 12V Halogen 2-Pin GX5.3



	0° Aiming Angle Horizontal Foot candles				30° Aiming Angle Horizontal Foot candles					30° Aiming Angle Vertical Foot candles					45° Aiming Angle Vertical Foot candles				
	D	FC	L	W	D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB
Q20 MR16 / C / VN5P7 Beam Spread = 7° CBCP = 7,400 Rated Life = 3,000 Hrs.	6	215	0.7	0.7	6	140	0.8	0.7	3.5	2	243	0.9	0.5	3.5	3	304	0.7	0.4	3.0
	8	121	0.9	0.9	8	79	1.1	1.0	4.6	3	108	1.3	0.7	5.2	4	171	0.9	0.8	4.0
	10	77	1.1	1.1	10	50	1.2	1.2	5.8	4	61	1.8	0.9	6.9	5	110	1.2	1.0	5.0
	12	54	1.0	1.0	12	35	1.4	1.4	6.9	5	39	2.2	1.2	8.7	6	76	1.4	1.2	6.0
Q20 MR16 / C / NSP15 Beam Spread = 15° CBCP = 3,750 Rated Life = 5,000 Hrs.	4	237	0.9	0.9	4	154	1.2	1.1	2.3	1.5	263	1.1	0.6	2.6	4	374	0.8	0.6	2.0
	6	106	1.4	1.4	6	69	1.8	1.6	3.5	2.0	148	1.4	0.8	3.5	6	166	0.9	0.9	3.0
	8	59	1.8	1.8	8	39	2.4	2.2	4.6	2.5	95	1.8	0.9	4.3	8	94	1.2	1.2	4.0
	10	38	2.3	2.3	10	25	3.0	2.7	5.8	3.0	66	2.1	1.1	5.2	10	60	1.5	1.5	5.0
Q20 MR16 / C / FL40 Beam Spread = 40° CBCP = 525 Rated Life = 5,000 Hrs.	1.5	222	1.0	1.0	1.5	163	1.1	1.1	0.9	1.0	135	0.9	0.9	1.7	1.0	254	0.8	1.0	1.0
	2.0	125	1.3	1.3	2.0	92	1.4	1.4	1.2	1.5	60	1.4	1.3	2.6	1.5	113	1.1	1.5	1.0
	2.5	80	1.6	1.6	2.5	59	1.8	1.8	1.4	2.0	34	1.8	1.8	3.5	2.0	63	1.5	2.0	2.0
	3.0	56	2.0	2.0	3.0	41	2.1	2.1	1.7	2.5	22	2.3	2.3	4.3	2.5	41	1.9	2.5	2.5
Q35 MR16 / C / SP20 Beam Spread = 20° CBCP = 3,200 Rated Life = 5,000 Hrs.	3	356	1.0	1.0	3	231	1.3	1.1	1.7	1.5	223	1.4	0.9	2.6	2	305	1.2	0.9	2.0
	4	200	1.3	1.3	4	130	1.7	1.5	2.3	2.0	126	1.9	1.1	3.5	3	136	1.7	1.3	3.0
	5	128	1.6	1.6	5	83	2.1	1.9	2.9	2.5	80	2.4	1.4	4.3	4	76	2.3	1.8	4.0
	6	89	1.9	1.9	6	58	2.6	2.2	3.5	3.0	56	2.8	1.7	5.2	5	49	2.9	2.2	5.0
Q35 MR16 / C / FL40 Beam Spread = 40° CBCP = 1,000 Rated Life = 5,000 Hrs.	2	262	1.2	1.2	2	204	1.3	1.2	1.2	1.0	253	0.9	0.8	1.7	1.5	235	1.2	1.0	1.5
	3	116	1.8	1.8	3	91	2.0	1.8	1.7	1.5	112	1.4	1.2	2.6	2.0	132	1.5	1.3	2.0
	4	65	2.3	2.3	4	51	2.6	2.4	2.3	2.0	63	1.8	1.7	3.5	2.5	85	1.9	1.7	2.5
	5	42	2.9	2.9	5	33	3.3	3.0	2.9	2.5	40	2.3	2.1	4.3	3.0	59	2.3	2.0	3.0
Q42 MR16 / C / VN5P9 Beam Spread = 9° CBCP = 12,500 Rated Life = 3,500 Hrs.	6	347	0.8	0.8	6	226	1.0	0.9	3.5	2	415	1.0	0.6	3.5	4	276	1.1	0.7	4.0
	8	195	1.0	1.0	8	127	1.4	1.2	4.6	3	185	1.5	0.8	5.2	5	177	1.4	0.9	5.0
	10	125	1.3	1.3	10	81	1.7	1.4	5.8	4	104	2.0	1.1	6.9	6	123	1.7	1.1	6.0
	12	87	1.5	1.5	12	56	2.1	1.7	6.9	5	66	2.6	1.4	8.7	7	90	2.0	1.3	7.0
Q50 MR16 / C / NSP15 Beam Spread = 15° CBCP = 9,500 Rated Life = 6,000 Hrs.	6	264	1.5	1.5	6	171	1.9	1.7	3.5	2	361	1.5	1.5	3.5	4	229	1.7	1.2	4.0
	8	148	1.9	1.9	8	96	2.5	2.2	4.6	3	160	2.3	2.3	5.2	5	147	2.1	1.6	5.0
	10	95	2.4	2.4	10	62	3.1	2.8	5.8	4	90	3.0	3.0	6.9	6	102	2.5	1.9	6.0
	12	66	2.9	2.9	12	43	3.7	3.3	6.9	5	58	3.8	3.8	8.7	7	75	3.0	2.2	7.0
Q50 MR16 / C / NFL25 Beam Spread = 25° CBCP = 3,000 Rated Life = 6,000 Hrs.	3	322	1.2	1.2	3	212	1.6	1.4	1.7	1.5	220	1.7	1.1	2.6	2	282	1.4	1.1	2.0
	4	181	1.7	1.7	4	119	2.1	1.9	2.3	2.0	124	2.2	1.4	3.5	3	125	2.2	1.7	3.0
	5	116	2.1	2.1	5	76	2.7	2.4	2.9	2.5	79	2.8	1.8	4.3	4	70	2.9	2.3	4.0
	6	81	2.5	2.5	6	53	3.2	2.9	3.5	3.0	55	3.3	2.2	5.2	5	45	3.6	2.8	5.0
Q50 MR16 / C / FL40 Beam Spread = 40° CBCP = 1,700 Rated Life = 6,000 Hrs.	3	213	2.0	2.0	3	181	2.1	2.0	1.7	1.5	259	1.1	1.3	2.6	2	274	1.3	1.5	2.0
	4	120	2.7	2.7	4	102	2.8	2.7	2.3	2.0	146	1.5	1.7	3.5	3	122	2.0	2.3	3.0
	5	77	3.4	3.4	5	65	3.5	3.4	2.9	2.5	93	1.9	2.2	4.3	4	68	2.6	3.0	4.0
	6	53	4.0	4.0	6	45	4.2	4.1	3.5	3.0	65	2.3	2.6	5.2	5	44	3.3	3.8	5.0
Q71 MR16 / C / NSP15 Beam Spread = 15° CBCP = 11,000 Rated Life = 4,000 Hrs.	6	306	1.6	1.8	6	198	2.0	1.8	3.5	3	194	2.3	1.3	5.2	4	276	1.8	1.3	4.0
	8	172	2.2	2.4	8	112	2.6	2.4	4.6	4	109	3.1	1.8	6.9	6	123	2.7	1.9	6.0
	10	110	2.7	3.0	10	71	3.3	3.0	5.8	5	70	3.9	2.2	8.7	8	69	3.6	2.6	8.0
	12	76	3.2	3.6	12	50	3.9	3.6	6.9	6	48	4.7	2.7	10.4	10	44	4.5	3.2	10.0
Q71 MR16 / C / NFL25 Beam Spread = 25° CBCP = 4,950 Rated Life = 7,000 Hrs.	4	309	1.7	1.7	4	223	2.1	1.9	2.3	2	257	1.7	1.3	3.5	3	256	1.9	1.5	3.0
	6	137	2.5	2.5	6	99	3.1	2.8	3.5	3	114	2.5	1.9	5.2	4	144	2.6	2.1	4.0
	8	77	3.4	3.4	8	56	4.1	3.7	4.6	4	64	3.4	2.6	6.9	5	92	3.2	2.6	5.0
	10	49	4.2	4.2	10	36	5.2	4.6	5.8	5	41	4.2	3.2	8.7	6	64	3.9	3.1	6.0
Q71 MR16 / C / FL40 Beam Spread = 40° CBCP = 2,000 Rated Life = 4,000 Hrs.	3	236	2.1	2.1	3	200	2.2	2.1	1.7	1.5	286	1.2	1.3	2.6	2	301	1.4	1.5	2.0
	4	133	2.8	2.8	4	112	2.9	2.8	2.3	2.0	161	1.6	1.8	3.5	3	134	2.2	2.3	3.0
	5	85	3.4	3.4	5	72	3.6	3.5	2.9	2.5	103	2.0	2.2	4.3	4	75	2.9	3.1	4.0
	6	59	4.1	4.1	6	50	4.4	4.2	3.5	3.0	71	2.5	2.6	5.2	5	48	3.6	3.8	5.0