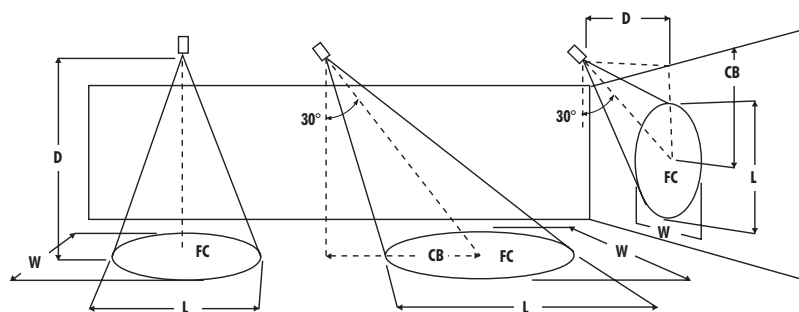


Type :

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.

PAR38 Halogen E26 Medium Base



	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
45W PAR / CAP / SPL / SP9 Beam Spread = 9° CBCP = 10,000 Rated Life = 2,500 Hrs.	6	278	2.2	2.2	3	275	2.2	1.9	1.7	2	206	4.6	2.2	3.5	3	183	3.2	2.3	3.0
	8	156	2.6	2.6	4	155	2.8	2.4	2.3	3	92	6.6	3.1	5.2	4	103	4.1	2.9	4.0
	10	100	3.1	3.1	5	99	3.4	3.0	2.9	4	52	8.7	3.9	6.9	5	66	5.1	3.5	5.0
	12	69	3.5	3.5	6	69	4.0	3.5	3.5	5	33	10.8	4.8	8.7	6	46	6.0	4.2	6.0
45W PAR / CAP / SPL / FL30 Beam Spread = 30° CBCP = 1,500 Rated Life = 2,500 Hrs.	3	167	2.0	2.0	3	208	2.6	2.3	1.7	2	156	5.9	2.5	3.5	3	139	3.9	2.7	3.0
	4	64	2.5	2.5	4	117	3.3	2.9	2.3	3	69	8.6	3.6	5.2	4	78	5.0	3.4	4.0
	5	60	3.1	3.1	5	75	4.1	3.5	2.9	4	39	11.3	4.7	6.9	5	50	6.2	4.2	5.0
	6	42	3.6	3.6	6	52	4.8	4.1	3.5	5	25	14.1	5.8	8.7	6	35	7.3	4.9	6.0
45W PAR / CAP / SPL / WFL50 Beam Spread = 50° CBCP = 700 Rated Life = 2,500 Hrs.	2	175	1.8	1.8	8	260	2.1	1.8	4.6	5	222	3.6	2.0	8.7	7	227	2.6	2.0	7.0
	3	78	2.3	2.3	11	138	2.7	2.4	6.4	6	154	4.2	2.3	10.4	9	137	3.2	2.4	9.0
	4	44	2.8	2.8	14	85	3.3	2.9	8.1	7	113	4.9	2.6	12.1	11	92	3.9	2.8	11.0
	5	28	3.2	3.2	17	58	4.0	3.5	9.8	8	87	5.5	2.9	13.9	13	66	4.5	3.3	13.0
60W PAR / CAP / SPL / SP9 Beam Spread = 9° CBCP = 16,000 Rated Life = 3,000 Hrs.	8	250	2.5	2.5	3	292	2.6	2.3	1.7	2	219	5.9	2.5	3.5	3	194	3.9	2.7	3.0
	11	132	3.6	3.6	4	164	3.3	2.9	2.3	3	97	8.6	3.6	5.2	4	109	5.0	3.4	4.0
	14	82	4.7	4.7	5	105	4.1	3.5	2.9	4	55	11.3	4.7	6.9	5	70	6.2	4.2	5.0
	17	55	5.8	5.8	6	73	4.8	4.1	3.5	5	35	14.1	5.8	8.7	6	49	7.3	4.9	6.0
60W PAR / CAP / SPL / NFL25 Beam Spread = 25° CBCP = 3,300 Rated Life = 3,000 Hrs.	4	206	2.5	2.5	4	216	3.3	2.9	2.3	2	288	5.9	2.5	3.5	3	256	3.9	2.7	3.0
	5	132	3.1	3.1	5	138	4.1	3.5	2.9	3	128	8.6	3.6	5.2	4	144	5.0	3.4	4.0
	6	92	3.6	3.6	6	96	4.8	4.1	3.5	4	72	11.3	4.7	6.9	5	92	6.2	4.2	5.0
	7	67	4.1	4.1	7	70	5.5	4.7	4.0	5	46	14.1	5.8	8.7	6	64	7.3	4.9	6.0
60W PAR / CAP / SPL / FL30 Beam Spread = 30° CBCP = 2,500 Rated Life = 3,000 Hrs.	3	278	3.5	3.5	3	167	5.0	4.0	1.7	2	125	44.9	4.6	3.5	2	250	6.1	3.3	2.0
	4	156	4.6	4.6	4	94	6.5	5.2	2.3	3	56	67.2	6.6	5.2	3	111	9.0	4.8	3.0
	5	100	5.6	5.6	5	60	8.0	6.4	2.9	4	31	89.5	8.7	6.9	4	63	11.8	6.3	4.0
	6	69	6.6	6.6	6	42	9.6	7.6	3.5	5	20	112.0	10.8	8.7	5	40	14.7	7.8	5.0
90W PAR / CAP / SPL / SP9 Beam Spread = 9° CBCP = 22,000 Rated Life = 2,500 Hrs.	9	274	2.7	2.7	11	288	3.0	2.6	4.6	7	237	5.4	2.8	12.1	9	287	3.6	2.6	9.0
	12	154	3.5	3.5	15	155	3.9	3.4	8.7	9	144	6.8	3.5	15.6	13	138	5.0	3.6	13.0
	15	99	4.4	4.4	19	97	4.8	4.2	11.0	11	96	8.3	4.2	19.1	17	80	6.4	4.6	17.0
	18	69	5.3	5.6	23	66	5.8	5.0	13.3	13	69	9.7	4.9	22.5	21	53	7.8	5.6	21.0
90W PAR / CAP / SPL / FL30 Beam Spread = 30° CBCP = 3,500 Rated Life = 2,500 Hrs.	4	219	3.6	3.6	5	270	4.1	3.5	2.9	3	250	8.6	3.6	5.2	4	281	5.0	3.4	4.0
	6	97	4.7	4.7	7	138	5.5	4.7	4.0	4	141	11.3	4.7	6.9	5	180	6.2	4.2	5.0
	8	55	5.8	5.8	8	83	7.0	6.0	5.2	5	90	14.1	5.8	8.7	6	125	7.3	4.9	6.0
	10	35	6.8	6.8	11	56	8.4	7.2	6.4	6	63	16.8	6.8	10.4	7	92	8.5	5.7	7.0
120W PAR / CAP / SPL / FL30 Beam Spread = 30° CBCP = 4,600 Rated Life = 3,000 Hrs.	4	288	1.3	1.3	4	469	1.2	1.1	2.3	3	278	2.3	1.3	5.2	5	200	2.0	1.5	5.0
	5	184	1.7	1.7	6	208	1.7	1.5	3.5	4	156	3.0	1.7	6.9	6	139	2.3	1.7	6.0
	6	128	2.0	2.0	8	117	2.1	1.8	4.6	5	100	3.6	2.0	8.7	7	102	2.6	2.0	7.0
	7	94	2.3	2.3	10	75	2.5	2.2	5.8	6	69	4.2	2.3	10.4	8	78	2.9	2.2	8.0
120W PAR / CAP / SPL / WFL50 Beam Spread = 50° CBCP = 2,000 Rated Life = 3,000 Hrs.	3	222	2.0	2.0	2	281	1.9	1.6	1.2	2	64	5.9	2.5	3.5	2	188	2.7	1.9	2.0
	4	125	2.5	2.5	3	125	2.6	2.3	1.7	3	42	8.6	3.6	5.2	3	83	3.9	2.7	3.0
	5	80	3.1	3.1	4	70	3.3	2.9	2.3	4	23	11.3	4.7	6.9	4	47	5.0	3.4	4.0
	6	56	3.6	3.6	5	45	4.1	3.5	2.9	5	15	14.1	5.8	8.7	5	30	6.2	4.2	5.0
250W PAR / CAP / SPL / SP10 Beam Spread = 10° CBCP = 46,500 Rated Life = 4,500 Hrs.	13	275	2.3	2.3	2	131	3.1	2.5	1.2	1	175	11.1	2.3	1.7	2	88	5.2	3.0	2.0
	18	144	3.2	3.2	3	58	4.4	3.6	1.7	2	44	21.9	4.1	3.5	3	39	7.5	4.4	3.0
	23	88	4.1	4.1	4	33	5.8	4.7	2.3	3	19	32.6	6.0	5.2	4	22	9.9	5.7	4.0
	28	59	5.1	5.1	5	21	7.1	5.8	2.9	4	11	43.3	7.9	6.9	5	14	12.3	7.0	5.0
250W PAR / CAP / SPL / FL30 Beam Spread = 30° CBCP = 9,000 Rated Life = 4,500 Hrs.	6	250	1.7	1.7	7	245	1.9	1.7	4.0	4	250	3.0	1.7	6.9	6	222	2.3	1.7	6.0
	8	141	2.1	2.1	9	148	2.3	2.0	5.2	5	160	3.6	2.0	8.7	8	125	2.9	2.2	8.0
	10	90	2.6	2.6	11	99	2.7	2.4	6.4	6	11	4.2	2.3	10.4	10	80	3.6	2.6	10.0
	12	63	3.1	3.1	13	71	3.1	2.8	7.5	7	82	4.9	2.6	12.1	12	56	4.2	3.1	12.0