



Distribution - Goniophotometer

Distribution Test Conditions

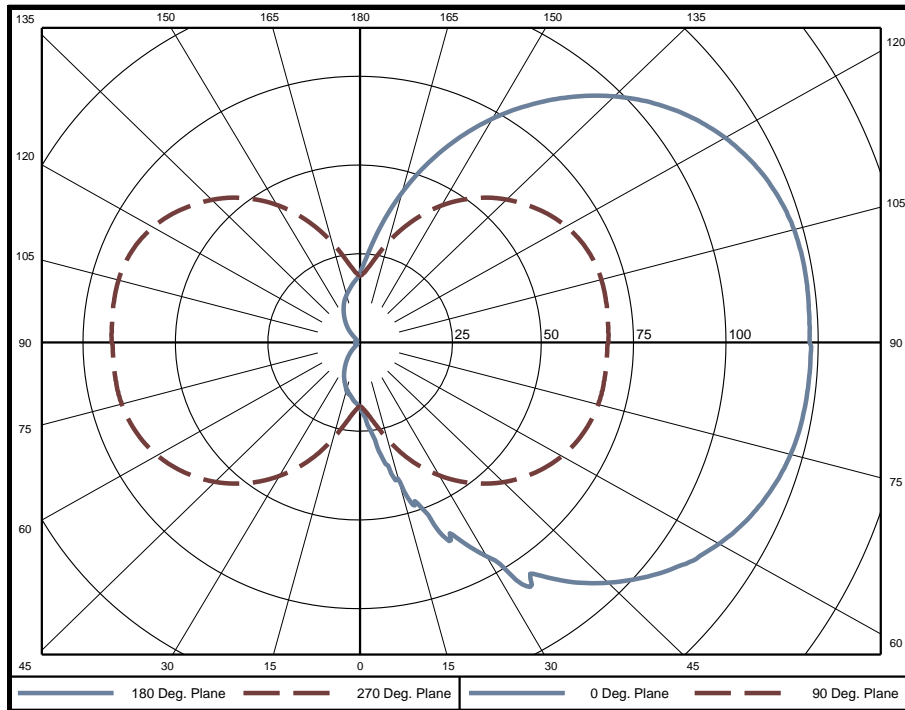
Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.4 °C	120.0 VAC	0.1023 A	12.20 W	0.994	60 Hz	6.13 %

Summary of Results

Spacing Criteria
 0-180: 4.25
 90-270: 3.26

Total Lumen Output: 667.6 Lumens
Luminaire Efficacy: 54.7 lm/w
Maximum Candela: 123 Candela

Polar Plot



Zonal Lumen Summary

Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire
0-5	0.46	0.1%	60-65	28.18	4.2%	120-125	26.39	4.0%
5-10	1.53	0.2%	65-70	30.06	4.5%	125-130	23.82	3.6%
10-15	2.98	0.4%	70-75	31.57	4.7%	130-135	21.09	3.2%
15-20	4.85	0.7%	75-80	32.63	4.9%	135-140	18.29	2.7%
20-25	7.10	1.1%	80-85	33.25	5.0%	140-145	15.42	2.3%
25-30	9.58	1.4%	85-90	33.52	5.0%	145-150	12.58	1.9%
30-35	12.35	1.8%	90-95	33.66	5.0%	150-155	9.83	1.5%
35-40	15.12	2.3%	95-100	33.47	5.0%	155-160	7.27	1.1%
40-45	17.99	2.7%	100-105	32.97	4.9%	160-165	5.00	0.7%
45-50	20.80	3.1%	105-110	32.03	4.8%	165-170	3.08	0.5%
50-55	23.46	3.5%	110-115	30.58	4.6%	170-175	1.59	0.2%
55-60	25.95	3.9%	115-120	28.68	4.3%	175-180	0.47	0.1%

Zone	Lumens	% of Luminaire
0-40	54	8.1%
0-60	142	21.3%
0-90	331	49.6%
90-180	336	50.4%



Candela Tabulation
Horizontal Angle (Degrees)

	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5
0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
5	23.3	23.5	22.3	21.2	19.7	18.3	17.1	16.6	16.7	16.6	17.1	18.3	19.7	21.2	22.3	23.5
10	31.8	31.1	29.2	26.7	23.2	18.9	16.0	15.0	15.0	15.0	16.0	18.9	23.2	26.7	29.2	31.1
15	39.6	40.5	38.3	34.3	27.9	20.4	14.8	13.5	13.8	13.5	14.8	20.4	27.9	34.3	38.3	40.5
20	49.9	50.4	47.8	42.3	33.3	21.8	13.3	11.9	11.8	11.9	13.3	21.8	33.3	42.3	47.8	50.4
25	59.7	60.3	57.1	50.2	38.4	23.3	11.8	10.2	9.9	10.2	11.8	23.3	38.4	50.2	57.1	60.3
30	69.7	69.9	66.0	57.4	43.3	24.6	10.0	8.4	7.9	8.4	10.0	24.6	43.3	57.4	66.0	69.9
35	81.1	79.0	74.2	64.2	47.8	25.8	8.3	6.5	6.0	6.5	8.3	25.8	47.8	64.2	74.2	79.0
40	87.8	87.5	81.8	70.3	51.9	26.9	6.5	4.8	4.3	4.8	6.5	26.9	51.9	70.3	81.8	87.5
45	95.7	95.2	88.7	75.9	55.6	27.9	4.9	3.2	2.7	3.2	4.9	27.9	55.6	75.9	88.7	95.2
50	102.6	102.0	94.8	80.8	58.7	28.6	3.3	1.8	1.4	1.8	3.3	28.6	58.7	80.8	94.8	102.0
55	108.6	107.7	100.0	84.8	61.4	29.1	1.9	0.8	1.0	0.8	1.9	29.1	61.4	84.8	100.0	107.7
60	113.2	112.4	104.2	88.3	63.7	29.6	0.9	0.8	1.0	0.8	0.9	29.6	63.7	88.3	104.2	112.4
65	117.1	115.9	107.4	90.9	65.3	30.0	0.6	0.8	1.0	0.8	0.6	30.0	65.3	90.9	107.4	115.9
70	119.8	118.5	109.7	92.7	66.4	30.5	0.6	0.8	1.0	0.8	0.6	30.5	66.4	92.7	109.7	118.5
75	121.7	120.2	111.2	93.8	67.1	31.0	0.7	0.9	1.0	0.9	0.7	31.0	67.1	93.8	111.2	120.2
80	122.7	121.0	111.9	94.2	67.3	31.2	0.7	0.9	1.0	0.9	0.7	31.2	67.3	94.2	111.9	121.0
85	123.0	121.2	112.0	94.3	67.3	31.3	0.6	0.9	1.1	0.9	0.6	31.3	67.3	94.3	112.0	121.2
90	122.7	121.4	112.3	94.5	67.6	31.3	1.5	0.9	1.2	0.9	1.5	31.3	67.6	94.5	112.3	121.4
95	122.9	121.6	112.4	94.7	67.7	31.4	1.6	0.9	1.2	0.9	1.6	31.4	67.7	94.7	112.4	121.6
100	123.1	121.7	112.6	95.0	67.9	31.4	1.6	0.9	1.2	0.9	1.6	31.4	67.9	95.0	112.6	121.7
105	122.7	121.4	112.3	94.8	68.0	31.3	1.6	0.9	1.2	0.9	1.6	31.3	68.0	94.8	112.3	121.4
110	121.2	120.1	111.2	93.9	67.6	30.9	1.6	0.8	1.1	0.8	1.6	30.9	67.6	93.9	111.2	120.1
115	118.8	117.7	109.0	92.3	66.6	30.4	1.5	0.8	1.1	0.8	1.5	30.4	66.6	92.3	109.0	117.7
120	115.2	114.0	105.7	89.7	65.0	30.0	1.6	0.7	1.0	0.7	1.6	30.0	65.0	89.7	105.7	114.0
125	110.5	109.0	101.2	86.2	62.7	29.6	2.6	0.7	1.0	0.7	2.6	29.6	62.7	86.2	101.2	109.0
130	104.7	103.0	95.9	82.0	60.0	29.0	3.9	1.5	1.1	1.5	3.9	29.0	60.0	82.0	95.9	103.0
135	98.1	96.1	89.7	77.1	56.8	28.4	5.4	2.7	2.2	2.7	5.4	28.4	56.8	77.1	89.7	96.1
140	90.3	88.5	82.9	71.6	53.3	27.5	7.0	4.6	4.5	4.6	7.0	27.5	53.3	71.6	82.9	88.5
145	81.9	80.2	75.4	65.5	49.1	26.5	8.7	6.3	6.3	6.3	8.7	26.5	49.1	65.5	75.4	80.2
150	73.0	71.2	67.2	58.7	44.6	25.3	10.5	8.2	8.2	8.2	10.5	25.3	44.6	58.7	67.2	71.2
155	63.4	61.7	58.4	51.3	39.5	24.0	12.1	10.1	10.2	10.1	12.1	24.0	39.5	51.3	58.4	61.7
160	53.4	51.7	49.1	43.4	34.3	22.5	13.7	11.9	12.1	11.9	13.7	22.5	34.3	43.4	49.1	51.7
165	43.4	41.6	39.6	35.4	29.0	21.0	15.1	13.6	13.8	13.6	15.1	21.0	29.0	35.4	39.6	41.6
170	33.6	32.0	30.5	27.9	24.2	19.7	16.4	15.2	15.4	15.2	16.4	19.7	24.2	27.9	30.5	32.0
175	25.2	24.0	23.2	22.1	20.6	18.8	17.4	16.9	17.2	16.9	17.4	18.8	20.6	22.1	23.2	24.0
180	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0

Average Luminance (cd/m²)
Horizontal Angle (Degrees)

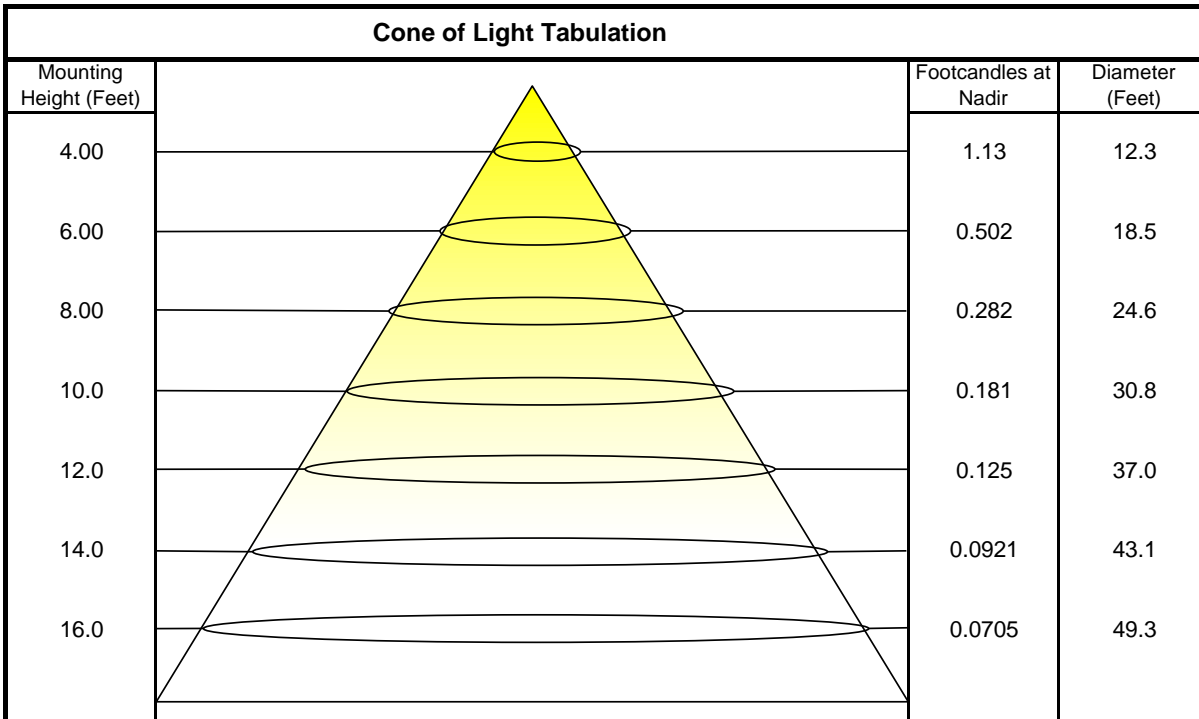
	0	45	90
0	3199	3199	3199
45	2923	2285	2266
55	2974	2293	2274
65	2985	2284	2277
75	2988	2267	2275
85	3001	2260	2286



Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20%																		
Ceiling Cavity Reflectance	80				70				50			30			10			0
Wall Reflectance	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio (RCR)	** Values are expressed as percent of total lumen output delivered to the task surface **																	
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	93	86	80	75	85	79	74	69	65	61	58	53	50	47	41	39	37	31
2	82	72	64	57	75	66	59	53	54	49	44	43	39	35	33	30	27	22
3	74	62	53	45	67	57	48	42	46	40	35	37	32	28	28	24	21	17
4	67	54	44	37	61	49	41	34	40	33	28	32	27	22	24	20	17	13
5	61	47	38	31	55	43	35	28	35	29	23	28	23	19	21	17	14	10
6	56	42	33	26	50	38	30	24	31	25	20	25	20	16	19	15	12	8
7	51	37	28	22	46	34	26	20	28	22	17	22	17	13	17	13	10	7
8	47	34	25	19	43	31	23	18	25	19	15	20	15	11	15	11	9	6
9	44	31	22	17	40	28	20	15	23	17	13	18	14	10	14	10	7	5
10	41	28	20	15	37	25	18	13	21	15	11	17	12	9	13	9	7	4

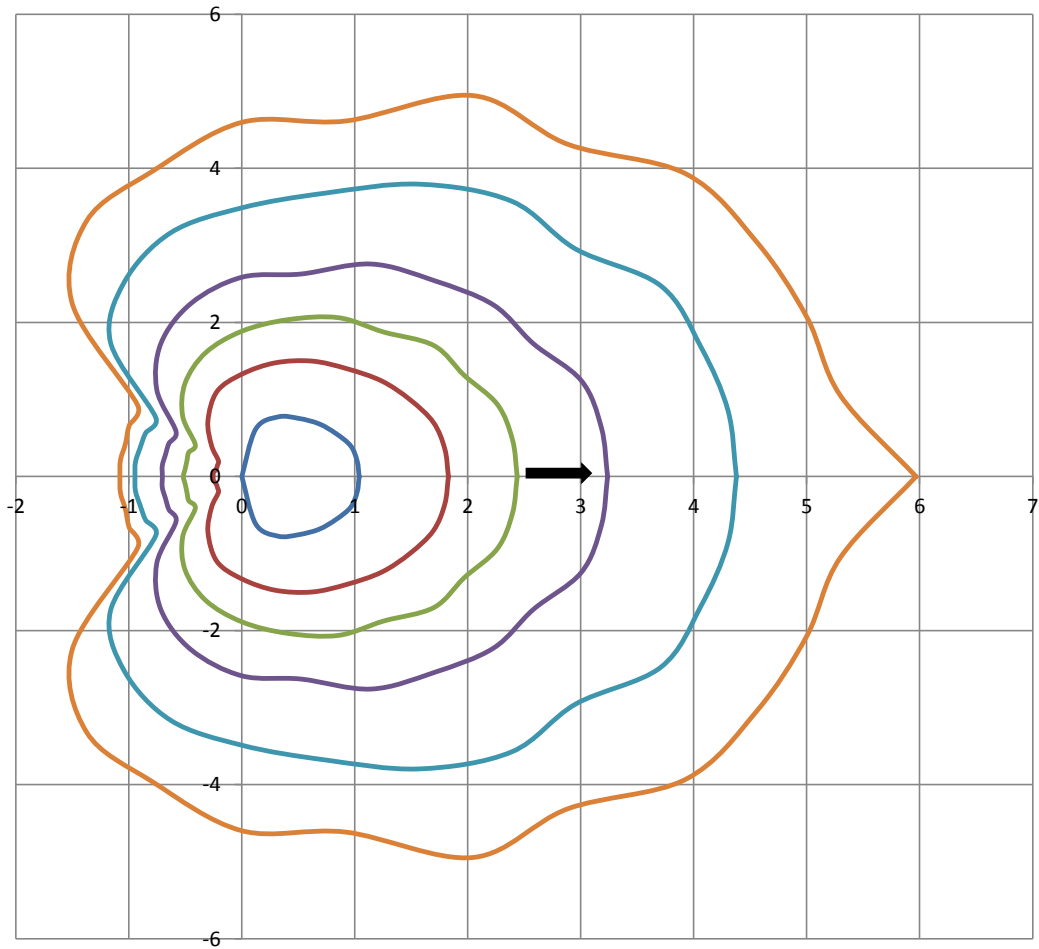
Beam and Field Information	
CIE Type:	Direct/Indirect
Center Beam Intensity:	18.1 Candela
Central Cone Intensity:	19 Candela
Beam Flux:	660.3 Lumens
Beam Angle (0-180):	N/A Degrees
Beam Angle (90-270):	N/A Degrees
Field Angle (0-180):	N/A Degrees
Field Angle (90-270):	N/A Degrees





ISOFootcandle Plot

Mounting Height - 8 Feet



Grid Lines in Units of Mounting Height

