



Distribution - Goniophotometer

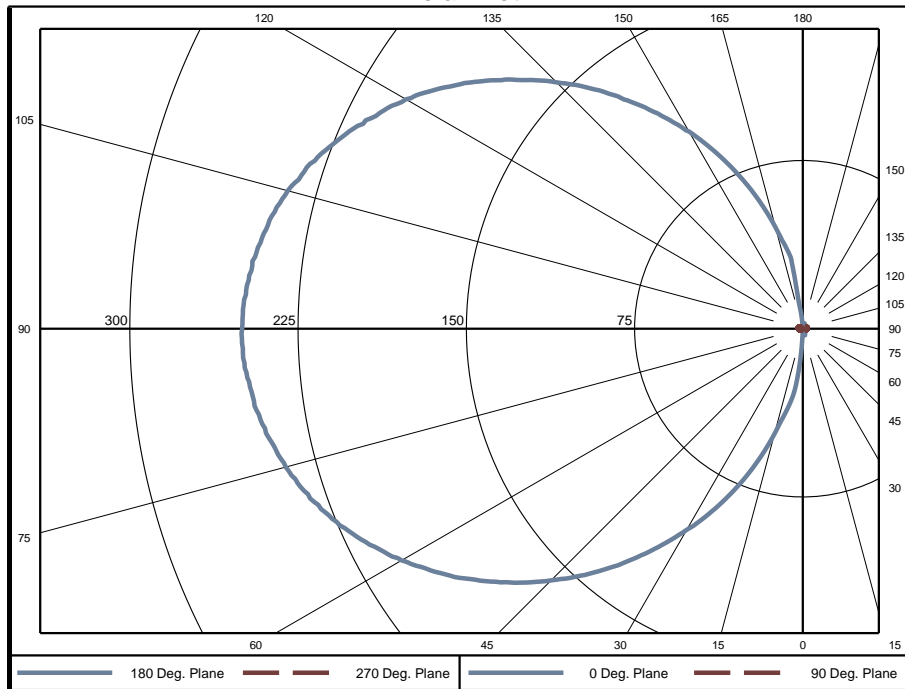
Distribution Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.0 °C	120.0 VAC	0.1261 A	15.02 W	0.993	60 Hz	8.56 %

Summary of Results

Spacing Criteria	Total Lumen Output:	658.0 Lumens
0-180: #N/A	Luminaire Efficacy:	43.8 lm/w
90-270: #N/A	Maximum Candela:	250 Candela
Corrected UGR (Room Dimension: X=4H, Y=8H, Reflectances: 70/50/20%, S/H: 1)		
Crosswise: 0	Endwise: 17.5	

Polar Plot



Zonal Lumen Summary

Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire
0-5	0.04	0.0%	60-65	29.49	4.5%	120-125	24.50	3.7%
5-10	0.55	0.1%	65-70	32.13	4.9%	125-130	22.17	3.4%
10-15	1.63	0.2%	70-75	34.42	5.2%	130-135	19.40	2.9%
15-20	3.15	0.5%	75-80	36.13	5.5%	135-140	16.31	2.5%
20-25	5.19	0.8%	80-85	37.34	5.7%	140-145	13.19	2.0%
25-30	7.59	1.2%	85-90	38.01	5.8%	145-150	10.17	1.5%
30-35	10.31	1.6%	90-95	37.58	5.7%	150-155	7.27	1.1%
35-40	13.36	2.0%	95-100	36.42	5.5%	155-160	4.86	0.7%
40-45	16.62	2.5%	100-105	35.32	5.4%	160-165	2.84	0.4%
45-50	19.94	3.0%	105-110	33.66	5.1%	165-170	1.43	0.2%
50-55	23.26	3.5%	110-115	30.04	4.6%	170-175	0.45	0.1%
55-60	26.51	4.0%	115-120	26.64	4.0%	175-180	0.03	0.0%

Zone	Lumens	% of Luminaire
0-40	42	6.4%
0-60	128	19.5%
0-90	336	51.0%
90-180	322	49.0%



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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	1.8	7.6	11.4	15.8	11.4	7.6	1.8	0.0	0.0	0.0	0.0
10	1.1	1.5	1.0	0.3	0.1	9.5	24.4	30.9	34.3	30.9	24.4	9.5	0.1	0.3	1.0	1.5
15	2.8	3.1	2.9	1.4	0.4	19.1	35.2	43.0	48.3	43.0	35.2	19.1	0.4	1.4	2.9	3.1
20	3.0	3.3	3.7	2.2	0.5	27.3	43.9	59.2	66.9	59.2	43.9	27.3	0.5	2.2	3.7	3.3
25	2.6	3.0	3.9	3.1	0.6	31.8	56.0	76.1	85.5	76.1	56.0	31.8	0.6	3.1	3.9	3.0
30	1.8	2.4	3.8	3.8	0.8	35.5	67.8	92.9	103.5	92.9	67.8	35.5	0.8	3.8	3.8	2.4
35	1.2	1.7	3.3	4.1	1.0	39.9	79.1	108.8	122.4	108.8	79.1	39.9	1.0	4.1	3.3	1.7
40	0.6	1.2	2.6	4.2	1.2	45.2	89.7	124.8	141.0	124.8	89.7	45.2	1.2	4.2	2.6	1.2
45	0.1	0.7	2.0	4.0	1.3	49.9	99.6	140.2	158.7	140.2	99.6	49.9	1.3	4.0	2.0	0.7
50	0.0	0.3	1.4	3.6	1.5	53.8	108.2	154.7	175.9	154.7	108.2	53.8	1.5	3.6	1.4	0.3
55	0.0	0.0	0.9	3.0	1.6	56.8	116.6	168.6	191.9	168.6	116.6	56.8	1.6	3.0	0.9	0.0
60	0.0	0.0	0.5	2.3	1.7	58.5	124.9	181.6	206.5	181.6	124.9	58.5	1.7	2.3	0.5	0.0
65	0.0	0.0	0.1	1.5	1.8	59.0	132.1	192.7	219.4	192.7	132.1	59.0	1.8	1.5	0.1	0.0
70	0.0	0.0	0.0	0.9	1.9	59.7	138.2	201.8	229.8	201.8	138.2	59.7	1.9	0.9	0.0	0.0
75	0.0	0.0	0.0	0.4	2.0	60.1	143.3	209.1	238.6	209.1	143.3	60.1	2.0	0.4	0.0	0.0
80	0.0	0.0	0.0	0.0	2.1	59.2	146.9	214.9	244.7	214.9	146.9	59.2	2.1	0.0	0.0	0.0
85	0.0	0.0	0.0	0.0	2.1	59.8	149.0	218.2	248.6	218.2	149.0	59.8	2.1	0.0	0.0	0.0
90	0.0	0.0	0.0	0.0	2.1	59.3	149.4	219.1	250.0	219.1	149.4	59.3	2.1	0.0	0.0	0.0
95	0.0	0.0	0.0	0.0	2.2	53.9	143.3	218.3	248.0	218.3	143.3	53.9	2.2	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	2.3	57.9	135.6	214.1	244.1	214.1	135.6	57.9	2.3	0.0	0.0	0.0
105	0.0	0.0	0.0	0.5	2.3	58.4	136.8	207.4	237.7	207.4	136.8	58.4	2.3	0.5	0.0	0.0
110	0.0	0.0	0.0	1.2	2.3	51.7	129.6	200.5	228.4	200.5	129.6	51.7	2.3	1.2	0.0	0.0
115	0.0	0.0	0.2	1.9	2.2	45.5	100.9	193.1	216.2	193.1	100.9	45.5	2.2	1.9	0.2	0.0
120	0.0	0.0	0.6	2.6	2.0	43.7	96.5	182.1	204.5	182.1	96.5	43.7	2.0	2.6	0.6	0.0
125	0.0	0.1	0.8	3.3	1.9	45.4	102.4	168.9	189.2	168.9	102.4	45.4	1.9	3.3	0.8	0.1
130	0.0	0.2	0.8	3.5	1.7	46.7	103.0	154.9	172.9	154.9	103.0	46.7	1.7	3.5	0.8	0.2
135	0.4	0.4	0.9	3.1	1.4	46.5	98.8	140.1	155.4	140.1	98.8	46.5	1.4	3.1	0.9	0.4
140	0.8	0.8	1.1	2.6	1.2	44.5	89.4	125.9	137.9	125.9	89.4	44.5	1.2	2.6	1.1	0.8
145	0.6	1.6	1.5	2.2	1.0	39.9	79.7	110.5	119.2	110.5	79.7	39.9	1.0	2.2	1.5	1.6
150	1.7	2.3	1.7	1.9	0.7	34.0	69.4	92.0	101.6	92.0	69.4	34.0	0.7	1.9	1.7	2.3
155	2.2	2.3	1.7	1.4	0.4	24.4	56.2	77.2	83.0	77.2	56.2	24.4	0.4	1.4	1.7	2.3
160	2.5	1.8	1.2	0.9	0.3	19.6	44.5	60.1	64.6	60.1	44.5	19.6	0.3	0.9	1.2	1.8
165	0.7	0.5	0.7	0.3	0.0	13.1	33.1	43.2	46.5	43.2	33.1	13.1	0.0	0.3	0.7	0.5
170	0.0	0.0	0.0	0.0	0.0	7.3	22.0	29.5	33.3	29.5	22.0	7.3	0.0	0.0	0.0	0.0
175	0.0	0.0	0.0	0.0	0.0	2.4	8.4	11.6	4.4	11.6	8.4	2.4	0.0	0.0	0.0	0.0
180	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

	0	45	90
0	0	0	0
45	5	76	83
55	0	36	121
65	0	5	176
75	0	0	288
85	0	0	629

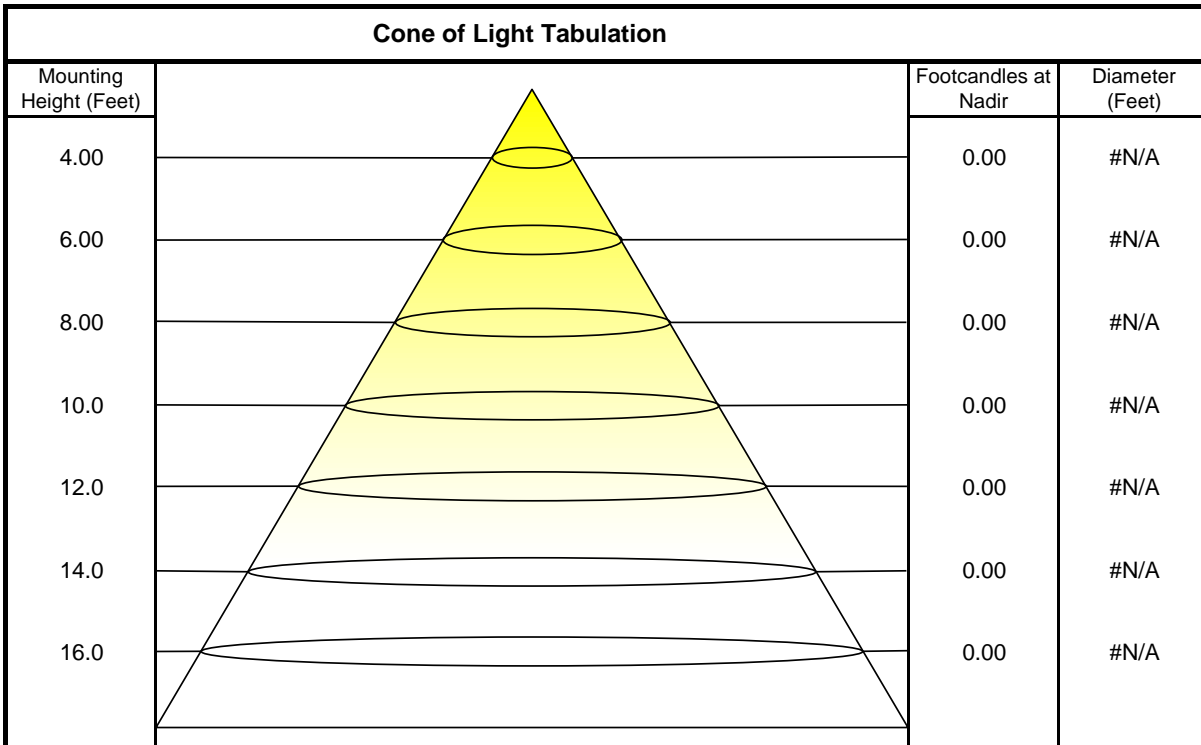


Coefficients of Utilization - Zonal Cavity Method

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	84	84	84	70	70	70	57	57	57	51
1	92	85	79	74	84	78	73	68	65	61	57	52	49	46	41	39	36	31
2	82	71	63	55	74	65	57	51	53	48	42	43	38	34	33	29	26	21
3	73	61	51	44	66	55	47	40	45	39	33	36	31	26	27	23	20	15
4	66	53	43	35	60	48	39	32	39	32	27	31	25	21	23	19	16	12
5	60	46	36	29	54	42	33	27	34	27	22	27	22	17	20	16	13	9
6	55	41	31	24	50	37	29	22	30	23	18	24	19	14	18	14	10	7
7	50	36	27	21	46	33	25	19	27	20	16	22	16	12	16	12	9	6
8	47	33	24	18	42	30	22	16	24	18	13	19	14	10	15	11	7	5
9	43	30	21	15	39	27	19	14	22	16	12	18	13	9	13	9	6	4
10	40	27	19	14	37	25	17	12	20	14	10	16	11	8	12	8	6	3

Beam and Field Information	
CIE Type:	Direct/Indirect
Center Beam Intensity:	0.0 Candela
Central Cone Intensity:	#REF! Candela
Beam Flux:	658.0 Lumens
Beam Angle (0-180):	#REF! Degrees
Beam Angle (90-270):	#REF! Degrees
Field Angle (0-180):	#REF! Degrees
Field Angle (90-270):	#REF! Degrees





ISOFootcandle Plot

Mounting Height - 8 Feet

