



Distribution - Goniophotometer

Distribution Test Conditions

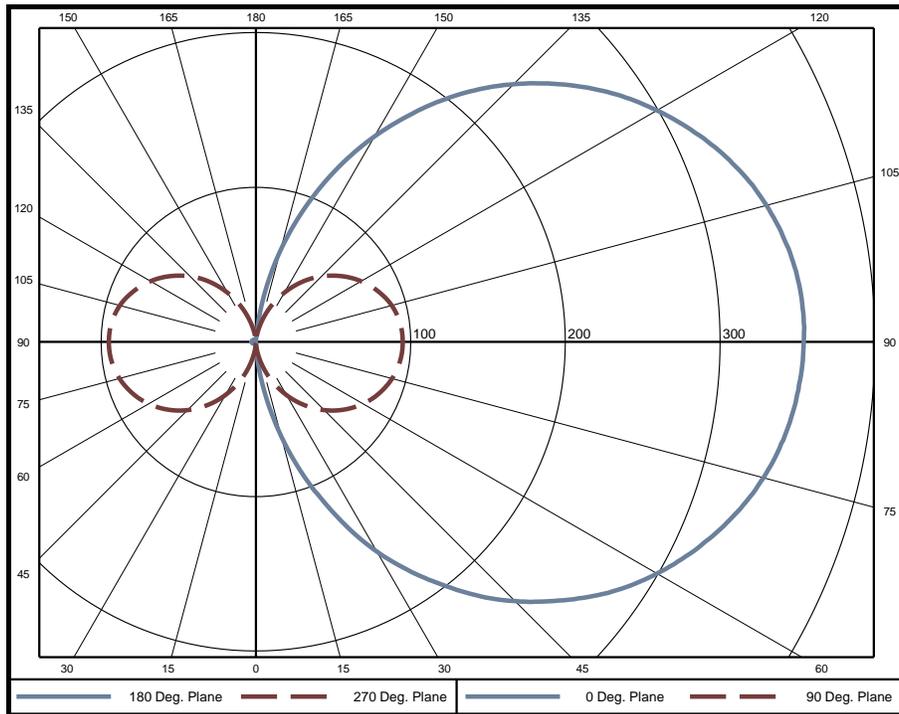
Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.1 °C	120.1 VAC	0.1388 A	15.90 W	0.954	60 Hz	14.4 %

Summary of Results

Spacing Criteria
 0-180: N/A
 90-270: N/A

Total Lumen Output: 1218 Lumens
Luminaire Efficacy: 76.6 lm/w
Maximum Candela: 350 Candela

Polar Plot



Zonal Lumen Summary

Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire
0-5	0.02	0.0%	60-65	54.65	4.5%	120-125	48.24	4.0%
5-10	0.46	0.0%	65-70	59.71	4.9%	125-130	41.96	3.4%
10-15	1.86	0.2%	70-75	64.01	5.3%	130-135	35.50	2.9%
15-20	4.41	0.4%	75-80	67.39	5.5%	135-140	29.12	2.4%
20-25	7.99	0.7%	80-85	69.68	5.7%	140-145	22.86	1.9%
25-30	12.52	1.0%	85-90	70.84	5.8%	145-150	16.99	1.4%
30-35	17.81	1.5%	90-95	70.87	5.8%	150-155	11.78	1.0%
35-40	23.66	1.9%	95-100	69.76	5.7%	155-160	7.38	0.6%
40-45	29.92	2.5%	100-105	67.42	5.5%	160-165	3.93	0.3%
45-50	36.36	3.0%	105-110	63.93	5.2%	165-170	1.56	0.1%
50-55	42.76	3.5%	110-115	59.39	4.9%	170-175	0.28	0.0%
55-60	48.92	4.0%	115-120	54.12	4.4%	175-180	0.00	0.0%

Zone	Lumens	% of Luminaire
0-40	69	5.6%
0-60	227	18.6%
0-90	613	50.3%
90-180	605	49.7%



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	7.3	7.6	4.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	4.8	7.6
10	30.2	29.2	21.4	12.5	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	12.5	21.4	29.2
15	59.2	55.7	42.2	26.2	11.4	1.2	0.0	0.0	0.0	0.0	0.0	1.2	11.4	26.2	42.2	55.7
20	90.1	84.1	64.2	41.1	19.4	4.0	0.0	0.0	0.0	0.0	0.0	4.0	19.4	41.1	64.2	84.1
25	121.0	112.1	86.1	55.8	27.4	7.0	0.0	0.0	0.0	0.0	0.0	7.0	27.4	55.8	86.1	112.1
30	152.6	139.5	107.6	70.5	35.6	10.0	0.0	0.0	0.0	0.0	0.0	10.0	35.6	70.5	107.6	139.5
35	180.4	166.0	128.2	84.6	43.6	12.9	0.0	0.0	0.0	0.0	0.0	12.9	43.6	84.6	128.2	166.0
40	207.5	190.8	147.7	97.8	51.0	15.8	0.0	0.0	0.0	0.0	0.0	15.8	51.0	97.8	147.7	190.8
45	232.8	214.0	165.9	110.3	58.2	18.6	0.0	0.0	0.0	0.0	0.0	18.6	58.2	110.3	165.9	214.0
50	255.7	235.3	183.0	121.8	64.7	21.2	0.0	0.0	0.0	0.0	0.0	21.2	64.7	121.8	183.0	235.3
55	277.1	254.2	198.2	132.2	70.6	23.5	0.1	0.0	0.0	0.0	0.1	23.5	70.6	132.2	198.2	254.2
60	295.3	271.3	211.8	141.5	75.9	25.6	0.4	0.0	0.0	0.0	0.4	25.6	75.9	141.5	211.8	271.3
65	311.1	285.9	223.4	149.4	80.5	27.4	0.7	0.0	0.0	0.0	0.7	27.4	80.5	149.4	223.4	285.9
70	324.4	297.6	232.8	155.9	84.2	28.9	1.0	0.0	0.0	0.0	1.0	28.9	84.2	155.9	232.8	297.6
75	335.5	307.2	240.4	161.1	87.2	30.2	1.3	0.0	0.0	0.0	1.3	30.2	87.2	161.1	240.4	307.2
80	343.1	314.1	245.8	164.8	89.3	31.1	1.6	0.0	0.0	0.0	1.6	31.1	89.3	164.8	245.8	314.1
85	347.9	318.1	248.8	167.0	90.6	31.7	1.7	0.0	0.0	0.0	1.7	31.7	90.6	167.0	248.8	318.1
90	350.0	319.2	250.0	167.7	91.0	31.8	1.7	0.0	0.0	0.0	1.7	31.8	91.0	167.7	250.0	319.2
95	349.5	318.1	249.0	167.0	90.6	31.7	1.7	0.0	0.0	0.0	1.7	31.7	90.6	167.0	249.0	318.1
100	345.3	313.9	245.7	164.8	89.3	31.1	1.6	0.0	0.0	0.0	1.6	31.1	89.3	164.8	245.7	313.9
105	337.5	306.8	239.9	160.9	87.0	30.2	1.4	0.0	0.0	0.0	1.4	30.2	87.0	160.9	239.9	306.8
110	326.3	296.3	231.5	155.0	83.6	28.7	1.0	0.0	0.0	0.0	1.0	28.7	83.6	155.0	231.5	296.3
115	312.0	283.3	221.2	147.9	79.5	27.0	0.7	0.0	0.0	0.0	0.7	27.0	79.5	147.9	221.2	283.3
120	295.2	267.7	208.9	139.4	74.6	25.0	0.3	0.0	0.0	0.0	0.3	25.0	74.6	139.4	208.9	267.7
125	276.4	249.8	194.7	129.7	69.1	22.8	0.1	0.0	0.0	0.0	0.1	22.8	69.1	129.7	194.7	249.8
130	254.9	229.8	178.9	118.8	62.8	20.3	0.0	0.0	0.0	0.0	0.0	20.3	62.8	118.8	178.9	229.8
135	231.5	208.3	161.4	107.1	56.1	17.7	0.0	0.0	0.0	0.0	0.0	17.7	56.1	107.1	161.4	208.3
140	206.3	185.0	143.0	94.5	48.9	14.9	0.0	0.0	0.0	0.0	0.0	14.9	48.9	94.5	143.0	185.0
145	178.5	158.8	122.8	80.7	41.1	11.9	0.0	0.0	0.0	0.0	0.0	11.9	41.1	80.7	122.8	158.8
150	149.4	132.0	101.6	66.1	33.0	8.8	0.0	0.0	0.0	0.0	0.0	8.8	33.0	66.1	101.6	132.0
155	119.1	104.4	79.9	51.4	24.8	5.8	0.0	0.0	0.0	0.0	0.0	5.8	24.8	51.4	79.9	104.4
160	87.9	76.2	58.0	36.6	16.7	2.9	0.0	0.0	0.0	0.0	0.0	2.9	16.7	36.6	58.0	76.2
165	57.2	48.1	36.3	22.2	9.1	0.4	0.0	0.0	0.0	0.0	0.0	0.4	9.1	22.2	36.3	48.1
170	27.2	21.5	16.0	9.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	9.0	16.0	21.5
175	0.7	0.6	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0	0.6
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	2617	1881	1394
55	2786	2011	1577
65	2907	2108	1731
75	3016	2182	1864
85	3103	2241	1986



Coefficients of Utilization - Zonal Cavity Method

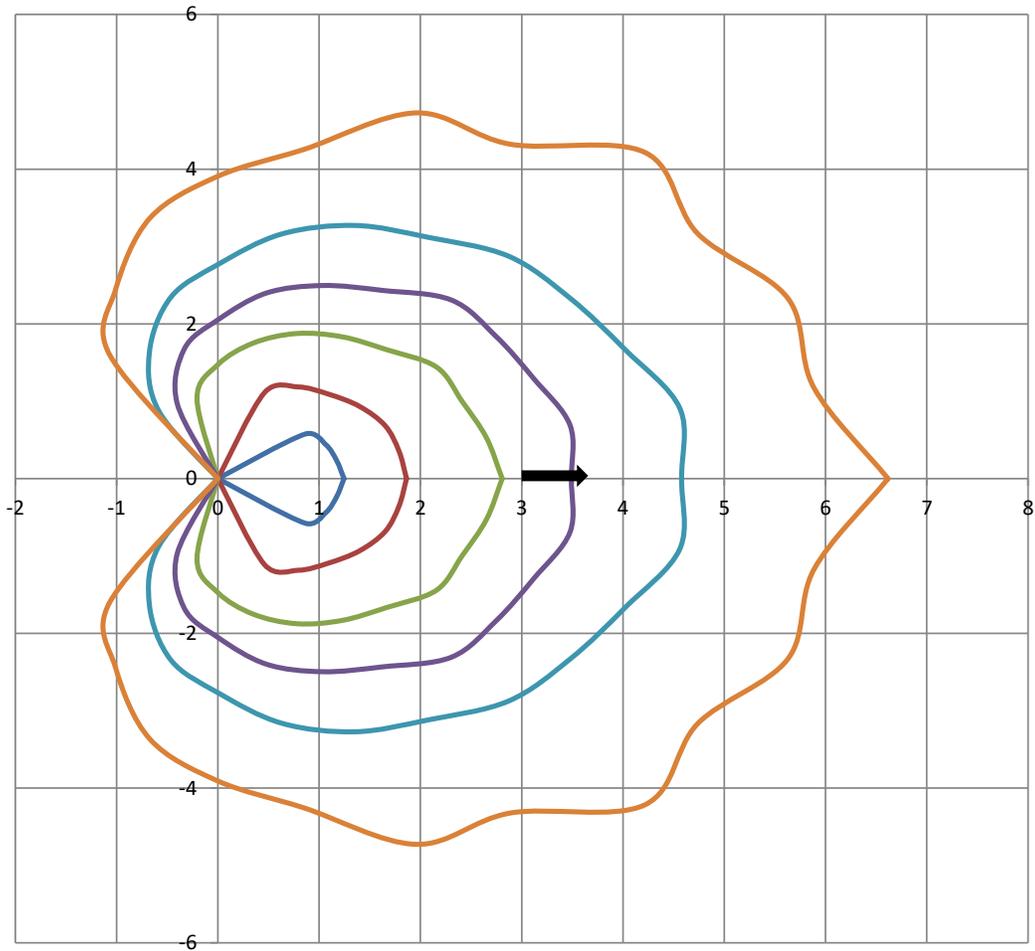
Effective Floor Cavity Reflectance 20%

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	69	69	69	56	56	56	50
1	92	85	79	73	84	78	72	67	64	60	56	52	49	46	40	38	36	30
2	81	71	62	55	74	65	57	51	53	47	42	42	38	34	32	29	26	21
3	73	60	51	43	66	55	46	40	45	38	33	35	30	26	27	23	19	15
4	66	52	42	35	59	48	39	32	39	32	26	30	25	21	23	19	15	11
5	60	46	36	29	54	42	33	26	34	27	21	27	21	17	20	16	12	9
6	55	40	31	24	49	37	28	22	30	23	18	24	18	14	18	13	10	7
7	50	36	27	20	45	33	25	19	27	20	15	21	16	12	16	12	8	5
8	46	32	24	18	42	30	22	16	24	18	13	19	14	10	14	10	7	4
9	43	29	21	15	39	27	19	14	22	16	11	17	12	9	13	9	6	4
10	40	27	19	13	36	24	17	12	20	14	10	16	11	8	12	8	5	3



ISOFootcandle Plot

Mounting Height - 8 Feet



Grid Lines in Units of Mounting Height

