



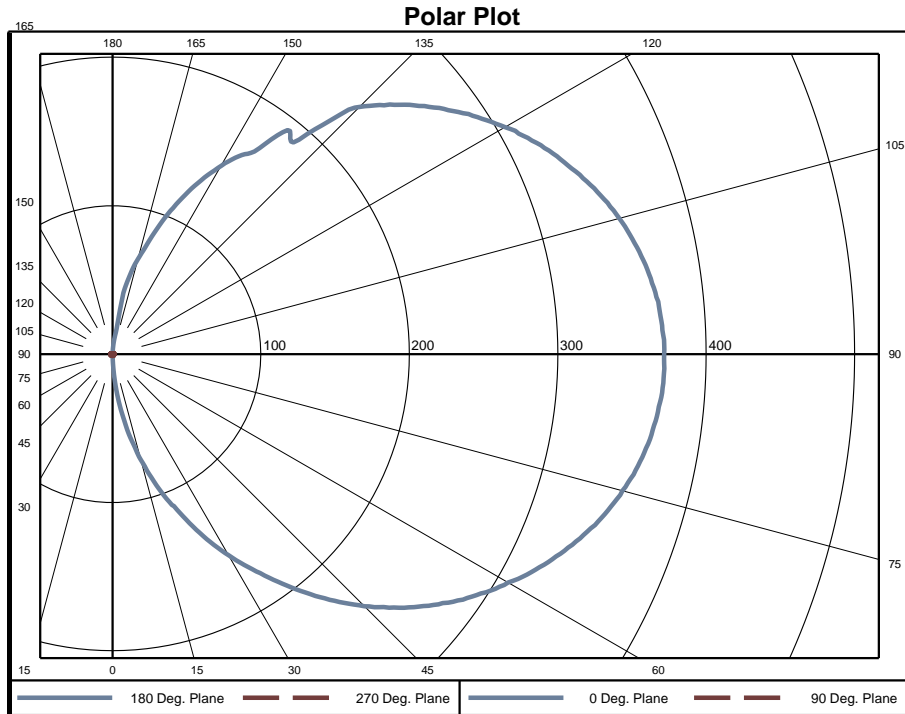
Distribution - Goniophotometer

Distribution Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.0 °C	120.1 VAC	0.1282 A	15.29 W	0.993	60 Hz	8.56 %

Summary of Results

Spacing Criteria	Total Lumen Output:	1029 Lumens
0-180: 18.82	Luminaire Efficacy:	67.3 lm/w
90-270: 1.99	Maximum Candela:	372 Candela
Corrected UGR (Room Dimension: X=4H, Y=8H, Reflectances: 70/50/20%, S/H: 1)		
Crosswise: 32.5	Endwise: 0	



Zonal Lumen Summary

Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire
0-5	0.08	0.0%	60-65	46.23	4.5%	120-125	40.43	3.9%
5-10	0.73	0.1%	65-70	50.61	4.9%	125-130	34.97	3.4%
10-15	2.20	0.2%	70-75	54.35	5.3%	130-135	28.96	2.8%
15-20	4.43	0.4%	75-80	57.28	5.6%	135-140	23.62	2.3%
20-25	7.41	0.7%	80-85	59.27	5.8%	140-145	18.82	1.8%
25-30	11.06	1.1%	85-90	60.27	5.9%	145-150	13.98	1.4%
30-35	15.29	1.5%	90-95	60.23	5.9%	150-155	9.56	0.9%
35-40	20.05	1.9%	95-100	59.08	5.7%	155-160	5.97	0.6%
40-45	25.23	2.5%	100-105	56.96	5.5%	160-165	3.01	0.3%
45-50	30.60	3.0%	105-110	53.91	5.2%	165-170	1.29	0.1%
50-55	36.00	3.5%	110-115	50.01	4.9%	170-175	0.35	0.0%
55-60	41.27	4.0%	115-120	45.53	4.4%	175-180	0.03	0.0%

Zone	Lumens	% of Luminaire
0-40	61	6.0%
0-60	194	18.9%
0-90	522	50.8%
90-180	507	49.2%



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	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
5	19.0	17.9	11.6	3.7	1.0	0.9	0.7	0.6	0.6	0.6	0.7	0.9	1.0	3.7	11.6	17.9
10	45.4	42.8	30.0	12.2	0.7	0.5	0.3	0.3	0.4	0.3	0.3	0.5	0.7	12.2	30.0	42.8
15	73.8	68.6	49.8	22.9	1.3	0.9	0.7	0.5	0.5	0.5	0.7	0.9	1.3	22.9	49.8	68.6
20	101.4	93.6	68.6	32.7	1.1	0.6	0.4	0.3	0.4	0.3	0.4	0.6	1.1	32.7	68.6	93.6
25	128.0	118.6	87.2	42.5	1.1	0.6	0.4	0.3	0.5	0.3	0.4	0.6	1.1	42.5	87.2	118.6
30	156.4	143.8	105.3	51.9	1.2	0.6	0.4	0.3	0.4	0.3	0.4	0.6	1.2	51.9	105.3	143.8
35	183.7	168.8	123.2	60.9	1.2	0.5	0.3	0.3	0.4	0.3	0.3	0.5	1.2	60.9	123.2	168.8
40	212.6	193.8	140.8	69.6	1.2	0.5	0.3	0.2	0.4	0.2	0.3	0.5	1.2	69.6	140.8	193.8
45	240.2	218.0	157.7	77.9	1.2	0.4	0.3	0.2	0.3	0.2	0.3	0.4	1.2	77.9	157.7	218.0
50	265.1	240.4	173.8	85.6	1.2	0.4	0.3	0.2	0.3	0.2	0.3	0.4	1.2	85.6	173.8	240.4
55	288.3	261.5	188.5	92.8	1.3	0.3	0.2	0.2	0.3	0.2	0.2	0.3	1.3	92.8	188.5	261.5
60	307.7	280.5	202.1	99.4	1.3	0.4	0.3	0.2	0.3	0.2	0.3	0.4	1.3	99.4	202.1	280.5
65	326.9	297.3	213.6	104.7	1.3	0.3	0.2	0.2	0.3	0.2	0.2	0.3	1.3	104.7	213.6	297.3
70	342.9	310.7	222.9	109.2	1.3	0.4	0.2	0.2	0.3	0.2	0.2	0.4	1.3	109.2	222.9	310.7
75	355.6	321.2	231.1	112.6	1.3	0.3	0.2	0.2	0.3	0.2	0.2	0.3	1.3	112.6	231.1	321.2
80	365.0	328.7	236.8	115.4	1.2	0.3	0.2	0.2	0.3	0.2	0.2	0.3	1.2	115.4	236.8	328.7
85	370.3	333.4	240.0	117.2	1.2	0.3	0.2	0.2	0.3	0.2	0.2	0.3	1.2	117.2	240.0	333.4
90	371.7	334.8	241.1	117.7	1.2	0.3	0.2	0.2	0.2	0.2	0.2	0.3	1.2	117.7	241.1	334.8
95	369.6	332.9	239.6	117.2	1.2	0.3	0.2	0.2	0.2	0.2	0.2	0.3	1.2	117.2	239.6	332.9
100	363.3	327.5	235.7	115.0	1.2	0.3	0.2	0.2	0.2	0.2	0.2	0.3	1.2	115.0	235.7	327.5
105	353.5	319.1	229.7	112.5	1.2	0.3	0.2	0.2	0.2	0.2	0.2	0.3	1.2	112.5	229.7	319.1
110	340.1	307.0	221.1	108.3	1.2	0.3	0.2	0.2	0.2	0.2	0.2	0.3	1.2	108.3	221.1	307.0
115	324.5	292.6	211.0	103.6	1.1	0.3	0.2	0.2	0.2	0.2	0.2	0.3	1.1	103.6	211.0	292.6
120	305.7	275.4	199.5	96.2	1.0	0.3	0.2	0.2	0.3	0.2	0.2	0.3	1.0	96.2	199.5	275.4
125	284.4	255.6	181.9	89.6	1.0	0.4	0.3	0.3	0.3	0.3	0.3	0.4	1.0	89.6	181.9	255.6
130	261.4	232.3	164.8	78.8	1.0	0.4	0.3	0.3	0.3	0.3	0.3	0.4	1.0	78.8	164.8	232.3
135	235.6	200.7	152.7	67.8	0.9	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.9	67.8	152.7	200.7
140	187.0	184.3	137.5	59.9	0.8	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.8	59.9	137.5	184.3
145	166.7	160.2	119.0	49.9	0.8	0.5	0.3	0.3	0.3	0.3	0.3	0.5	0.8	49.9	119.0	160.2
150	146.6	134.5	94.1	36.3	0.7	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.7	36.3	94.1	134.5
155	120.8	112.7	64.4	26.2	0.6	0.4	0.2	0.2	0.1	0.2	0.2	0.4	0.6	26.2	64.4	112.7
160	92.5	77.2	41.4	16.9	0.5	0.3	0.2	0.1	0.1	0.1	0.2	0.3	0.5	16.9	41.4	77.2
165	66.5	39.5	24.2	11.2	0.6	0.4	0.3	0.2	0.3	0.2	0.3	0.4	0.6	11.2	24.2	39.5
170	41.9	19.7	14.3	7.1	0.4	0.4	0.3	0.2	0.2	0.2	0.3	0.4	0.4	7.1	14.3	19.7
175	7.1	6.0	5.6	2.2	0.4	0.4	0.4	0.2	0.2	0.2	0.4	0.4	0.4	2.2	5.6	6.0
180	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4

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

	0	45	90
0	41	41	41
45	7977	5968	76
55	9721	7426	94
65	11550	9063	125
75	13640	10980	183
85	16060	13430	374

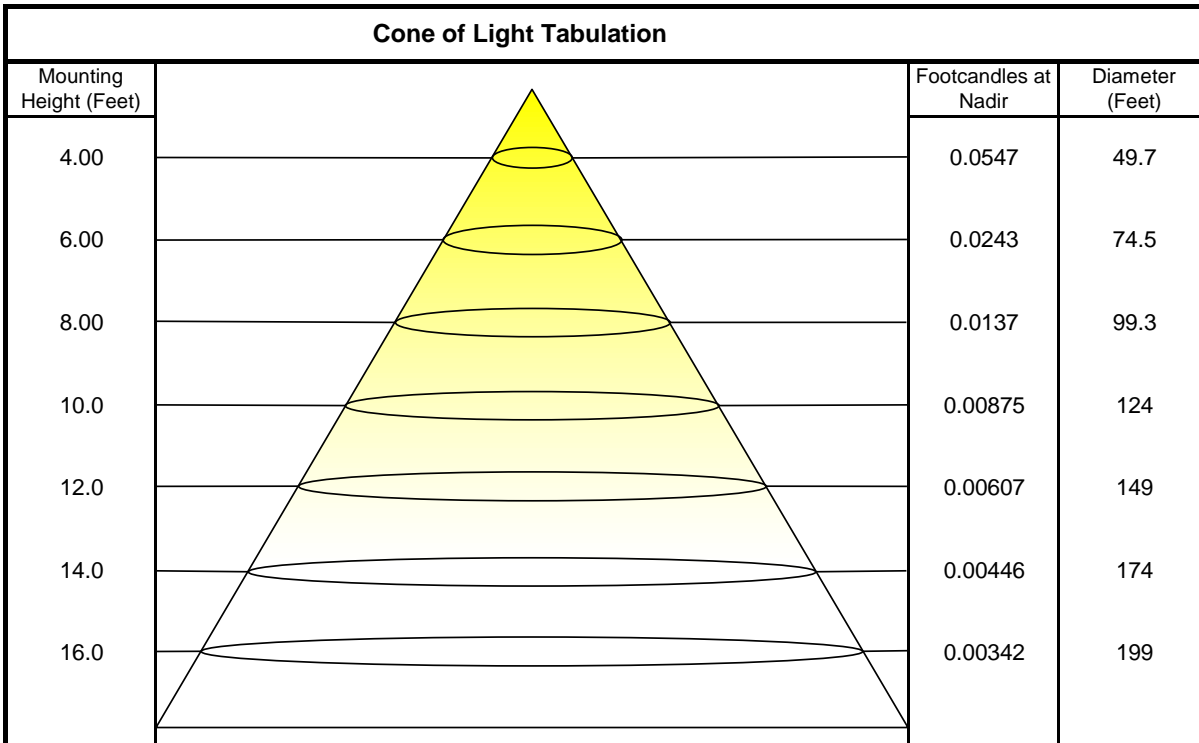


Coefficients of Utilization - Zonal Cavity Method

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	73	84	78	72	67	64	60	56	52	49	46	41	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	47	40	45	38	33	36	30	26	27	23	20	15
4	66	52	42	35	59	48	39	32	39	32	26	31	25	21	23	19	15	11
5	60	46	36	29	54	42	33	26	34	27	22	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	21	46	33	25	19	27	20	15	21	16	12	16	12	9	6
8	46	32	24	18	42	30	22	16	24	18	13	19	14	10	14	10	7	5
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

Beam and Field Information	
CIE Type:	Direct/Indirect
Center Beam Intensity:	0.9 Candela
Central Cone Intensity:	3 Candela
Beam Flux:	1027.6 Lumens
Beam Angle (0-180):	190.9 Degrees
Beam Angle (90-270):	342.1 Degrees
Field Angle (0-180):	#REF! Degrees
Field Angle (90-270):	#REF! Degrees





ISOFootcandle Plot

Mounting Height - 8 Feet

