



Distribution - Goniophotometer

Distribution Test Conditions

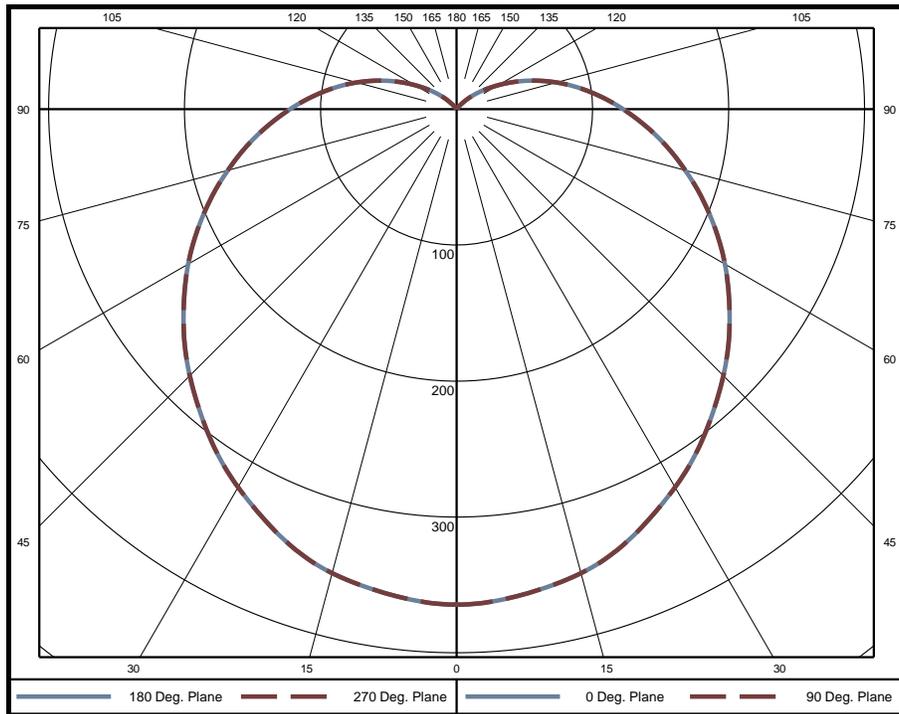
Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.7 °C	120.1 VAC	0.1621 A	19.08 W	0.980	60 Hz	12.5 %

Summary of Results

Spacing Criteria
 0-180: 1.32
 90-270: 1.32

Total Lumen Output: 1733 Lumens
Luminaire Efficacy: 90.8 lm/w
Maximum Candela: 365 Candela

Polar Plot



Zonal Lumen Summary

Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire
0-5	8.7	0.5%	60-65	106.4	6.1%	120-125	13.8	0.8%
5-10	25.8	1.5%	65-70	101.8	5.9%	125-130	8.8	0.5%
10-15	42.2	2.4%	70-75	95.7	5.5%	130-135	4.9	0.3%
15-20	57.6	3.3%	75-80	88.5	5.1%	135-140	1.9	0.1%
20-25	71.2	4.1%	80-85	80.4	4.6%	140-145	0.6	0.0%
25-30	82.8	4.8%	85-90	71.6	4.1%	145-150	0	0.0%
30-35	92.6	5.3%	90-95	62.6	3.6%	150-155	0	0.0%
35-40	100.1	5.8%	95-100	53.6	3.1%	155-160	0	0.0%
40-45	105.5	6.1%	100-105	44.7	2.6%	160-165	0	0.0%
45-50	108.9	6.3%	105-110	35.9	2.1%	165-170	0	0.0%
50-55	110.0	6.3%	110-115	27.6	1.6%	170-175	0	0.0%
55-60	109.2	6.3%	115-120	20.1	1.2%	175-180	0	0.0%

Zone	Lumens	% of Luminaire
0-40	481	27.8%
0-60	915	52.8%
0-90	1459	84.2%
90-180	275	15.8%



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	364.5	364.5	364.5	364.5	364.5	364.5	364.5	364.5	364.5	364.5	364.5	364.5	364.5	364.5	364.5	364.5
5	362.6	362.6	362.6	362.6	362.6	362.6	362.6	362.6	362.6	362.6	362.6	362.6	362.6	362.6	362.6	362.6
10	358.5	358.5	358.5	358.5	358.5	358.5	358.5	358.5	358.5	358.5	358.5	358.5	358.5	358.5	358.5	358.5
15	353.4	353.4	353.4	353.4	353.4	353.4	353.4	353.4	353.4	353.4	353.4	353.4	353.4	353.4	353.4	353.4
20	345.2	345.2	345.2	345.2	345.2	345.2	345.2	345.2	345.2	345.2	345.2	345.2	345.2	345.2	345.2	345.2
25	333.5	333.5	333.5	333.5	333.5	333.5	333.5	333.5	333.5	333.5	333.5	333.5	333.5	333.5	333.5	333.5
30	321.2	321.2	321.2	321.2	321.2	321.2	321.2	321.2	321.2	321.2	321.2	321.2	321.2	321.2	321.2	321.2
35	307.7	307.7	307.7	307.7	307.7	307.7	307.7	307.7	307.7	307.7	307.7	307.7	307.7	307.7	307.7	307.7
40	292.6	292.6	292.6	292.6	292.6	292.6	292.6	292.6	292.6	292.6	292.6	292.6	292.6	292.6	292.6	292.6
45	277.4	277.4	277.4	277.4	277.4	277.4	277.4	277.4	277.4	277.4	277.4	277.4	277.4	277.4	277.4	277.4
50	261.5	261.5	261.5	261.5	261.5	261.5	261.5	261.5	261.5	261.5	261.5	261.5	261.5	261.5	261.5	261.5
55	244.6	244.6	244.6	244.6	244.6	244.6	244.6	244.6	244.6	244.6	244.6	244.6	244.6	244.6	244.6	244.6
60	227.8	227.8	227.8	227.8	227.8	227.8	227.8	227.8	227.8	227.8	227.8	227.8	227.8	227.8	227.8	227.8
65	210.1	210.1	210.1	210.1	210.1	210.1	210.1	210.1	210.1	210.1	210.1	210.1	210.1	210.1	210.1	210.1
70	192.1	192.1	192.1	192.1	192.1	192.1	192.1	192.1	192.1	192.1	192.1	192.1	192.1	192.1	192.1	192.1
75	174.1	174.1	174.1	174.1	174.1	174.1	174.1	174.1	174.1	174.1	174.1	174.1	174.1	174.1	174.1	174.1
80	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6	156.6
85	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2
90	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4	122.4
95	106.4	106.4	106.4	106.4	106.4	106.4	106.4	106.4	106.4	106.4	106.4	106.4	106.4	106.4	106.4	106.4
100	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
105	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
110	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
115	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
120	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
125	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
130	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
135	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
140	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
145	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
150	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
155	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
160	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
165	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
170	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
175	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
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	3947	3947	3947
45	4219	4219	4219
55	3715	3715	3715
65	3299	3299	3299
75	2910	2910	2910
85	2552	2552	2552

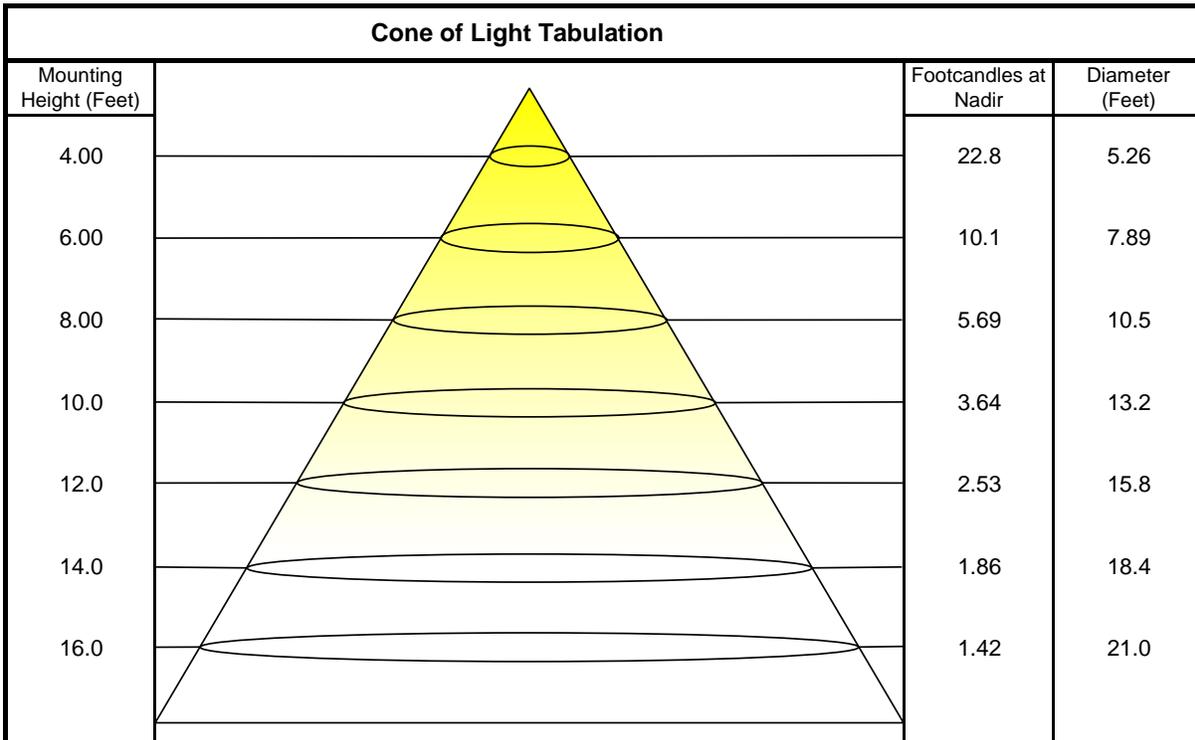


Coefficients of Utilization - Zonal Cavity Method

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	115	115	115	115	111	111	111	111	102	102	102	95	95	95	87	87	87	84
1	101	95	89	84	97	91	86	81	84	80	76	77	74	71	71	68	66	63
2	91	81	73	66	86	78	70	64	71	65	60	66	61	56	60	56	53	49
3	82	70	61	53	78	67	59	52	62	55	49	57	51	46	52	47	43	40
4	75	61	52	44	71	59	50	43	54	47	41	50	44	38	46	41	36	33
5	68	54	45	37	65	52	43	36	48	41	35	45	38	33	41	35	31	28
6	63	49	39	32	60	47	38	31	43	36	30	40	33	28	37	31	27	24
7	58	44	35	28	55	42	34	27	39	32	26	36	30	25	34	28	24	21
8	54	40	31	25	51	38	30	24	36	28	23	33	27	22	31	25	21	19
9	50	36	28	22	48	35	27	22	33	26	21	31	24	20	29	23	19	17
10	47	33	25	20	45	32	25	19	30	23	19	28	22	18	26	21	17	15

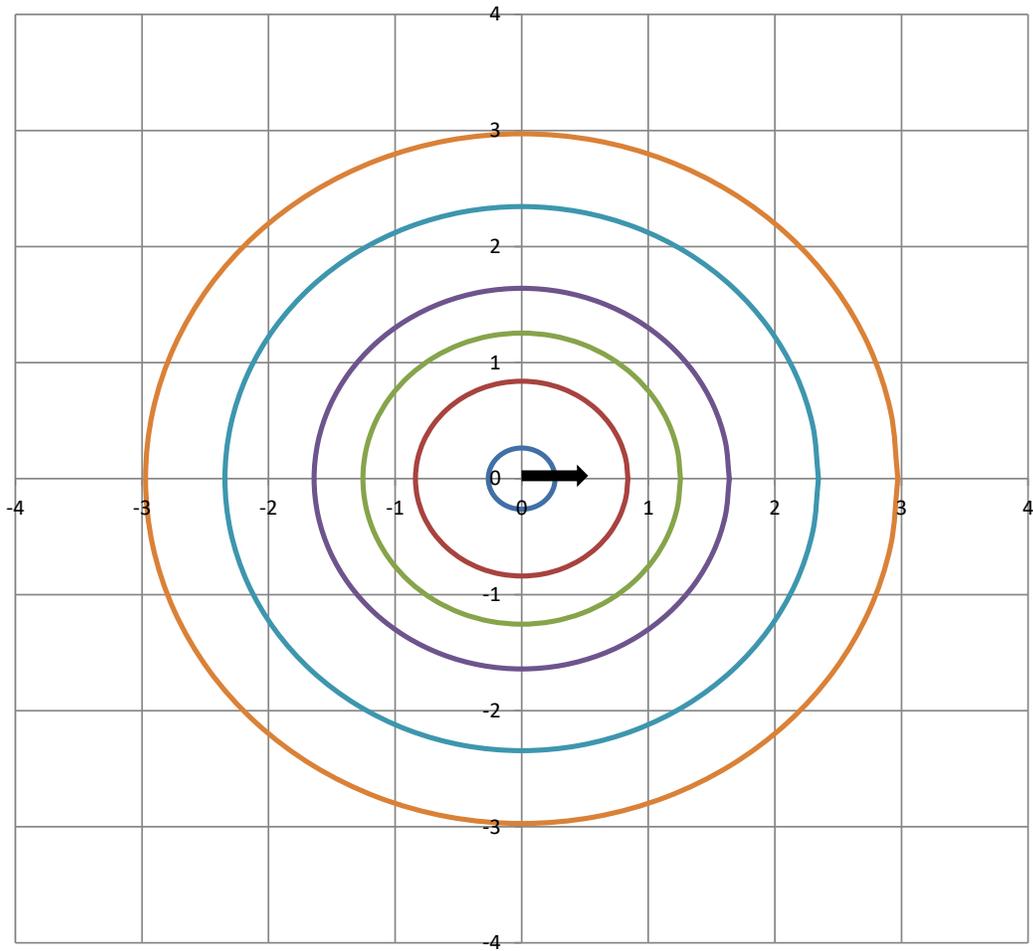
Beam and Field Information	
CIE Type:	Semi-Direct
Center Beam Intensity:	364.5 Candela
Central Cone Intensity:	364 Candela
Beam Flux:	1176.3 Lumens
Beam Angle (0-180):	145.5 Degrees
Beam Angle (90-270):	145.5 Degrees
Field Angle (0-180):	239.0 Degrees
Field Angle (90-270):	239.0 Degrees





ISOFootcandle Plot

Mounting Height - 8 Feet



Grid Lines in Units of Mounting Height

