



Distribution - Goniophotometer

Distribution Test Conditions

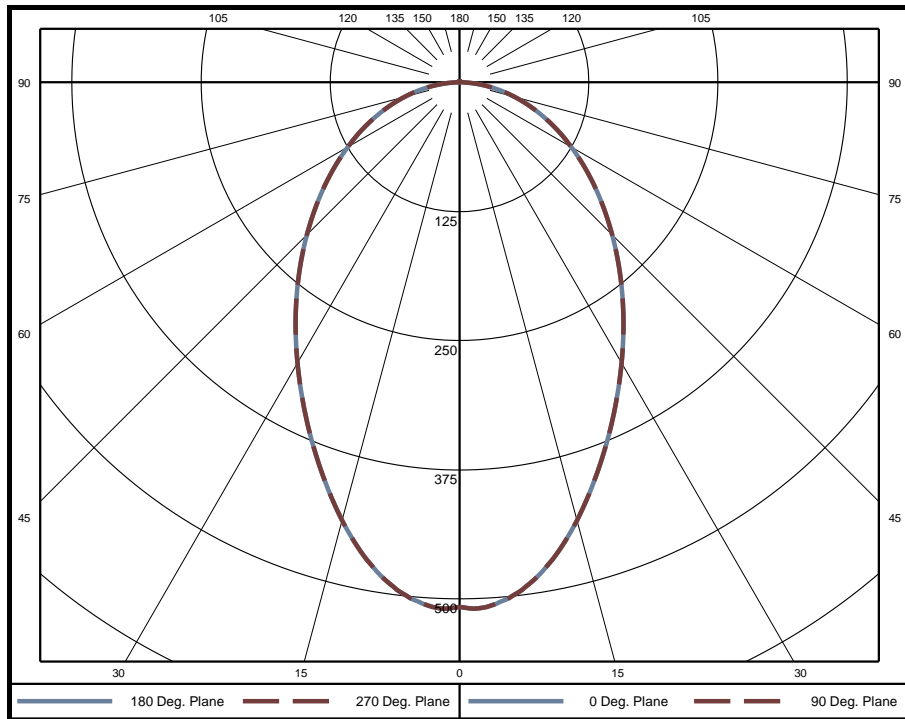
Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.5 °C	120.0 VAC	0.1924 A	22.99 W	0.996	60 Hz	6.30 %

Summary of Results

Spacing Criteria
 0-180: 0.96
 90-270: 0.96

Total Lumen Output: 984.9 Lumens
Luminaire Efficacy: 42.8 lm/w
Maximum Candela: 509 Candela

Polar Plot



Zonal Lumen Summary

Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire
0-5	12.11	1.2%	60-65	54.61	5.5%	120-125	0.46	0.0%
5-10	35.07	3.6%	65-70	44.90	4.6%	125-130	0.35	0.0%
10-15	54.29	5.5%	70-75	34.68	3.5%	130-135	0.26	0.0%
15-20	68.61	7.0%	75-80	24.22	2.5%	135-140	0.18	0.0%
20-25	78.37	8.0%	80-85	13.79	1.4%	140-145	0.11	0.0%
25-30	84.20	8.5%	85-90	4.23	0.4%	145-150	0.06	0.0%
30-35	86.69	8.8%	90-95	1.16	0.1%	150-155	0.03	0.0%
35-40	86.24	8.8%	95-100	1.02	0.1%	155-160	0.01	0.0%
40-45	83.22	8.4%	100-105	0.90	0.1%	160-165	0.00	0.0%
45-50	78.15	7.9%	105-110	0.79	0.1%	165-170	0	0.0%
50-55	71.48	7.3%	110-115	0.68	0.1%	170-175	0	0.0%
55-60	63.48	6.4%	115-120	0.56	0.1%	175-180	0	0.0%

Zone	Lumens	% of Luminaire
0-40	506	51.3%
0-60	802	81.4%
0-90	978	99.3%
90-180	7	0.7%



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	507.6	507.6	507.6	507.6	507.6	507.6	507.6	507.6	507.6	507.6	507.6	507.6	507.6	507.6	507.6	507.6
5	502.8	502.8	502.8	502.8	502.8	502.8	502.8	502.8	502.8	502.8	502.8	502.8	502.8	502.8	502.8	502.8
10	477.3	477.3	477.3	477.3	477.3	477.3	477.3	477.3	477.3	477.3	477.3	477.3	477.3	477.3	477.3	477.3
15	438.9	438.9	438.9	438.9	438.9	438.9	438.9	438.9	438.9	438.9	438.9	438.9	438.9	438.9	438.9	438.9
20	395.6	395.6	395.6	395.6	395.6	395.6	395.6	395.6	395.6	395.6	395.6	395.6	395.6	395.6	395.6	395.6
25	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
30	313.6	313.6	313.6	313.6	313.6	313.6	313.6	313.6	313.6	313.6	313.6	313.6	313.6	313.6	313.6	313.6
35	276.4	276.4	276.4	276.4	276.4	276.4	276.4	276.4	276.4	276.4	276.4	276.4	276.4	276.4	276.4	276.4
40	241.5	241.5	241.5	241.5	241.5	241.5	241.5	241.5	241.5	241.5	241.5	241.5	241.5	241.5	241.5	241.5
45	208.9	208.9	208.9	208.9	208.9	208.9	208.9	208.9	208.9	208.9	208.9	208.9	208.9	208.9	208.9	208.9
50	178.7	178.7	178.7	178.7	178.7	178.7	178.7	178.7	178.7	178.7	178.7	178.7	178.7	178.7	178.7	178.7
55	150.7	150.7	150.7	150.7	150.7	150.7	150.7	150.7	150.7	150.7	150.7	150.7	150.7	150.7	150.7	150.7
60	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5
65	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4
70	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
75	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
80	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
85	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
90	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
95	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
100	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
105	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
110	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
115	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
120	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
125	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
130	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
135	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
140	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
145	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
150	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
155	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
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	1042	1042	1042
45	3294	3294	3294
55	2930	2930	2930
65	462	462	462
75	213	213	213
85	54	54	54

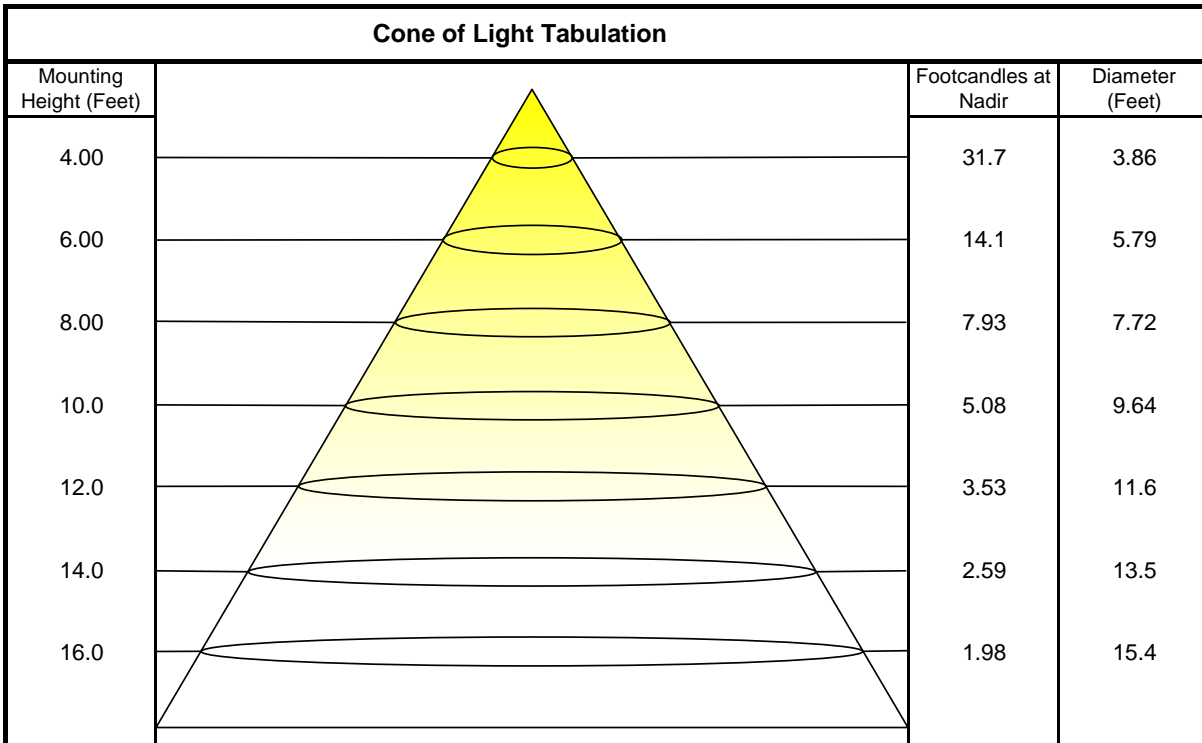


Coefficients of Utilization - Zonal Cavity Method

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	109	105	101	97	106	102	99	95	98	95	92	94	92	89	90	88	87	84
2	100	92	86	80	97	90	84	79	87	82	77	83	79	76	80	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	61
4	85	73	65	58	82	72	64	58	69	63	57	67	61	56	65	60	56	53
5	78	66	57	51	76	65	57	51	63	56	50	61	54	50	59	53	49	47
6	73	60	51	45	71	59	51	45	57	50	45	55	49	44	54	48	44	42
7	68	55	46	41	66	54	46	40	52	45	40	51	44	40	49	44	39	37
8	63	50	42	37	62	50	42	36	48	41	36	47	41	36	46	40	36	34
9	59	46	39	33	58	46	38	33	45	38	33	44	37	33	43	37	33	31
10	56	43	36	30	55	43	35	30	42	35	30	41	34	30	40	34	30	28

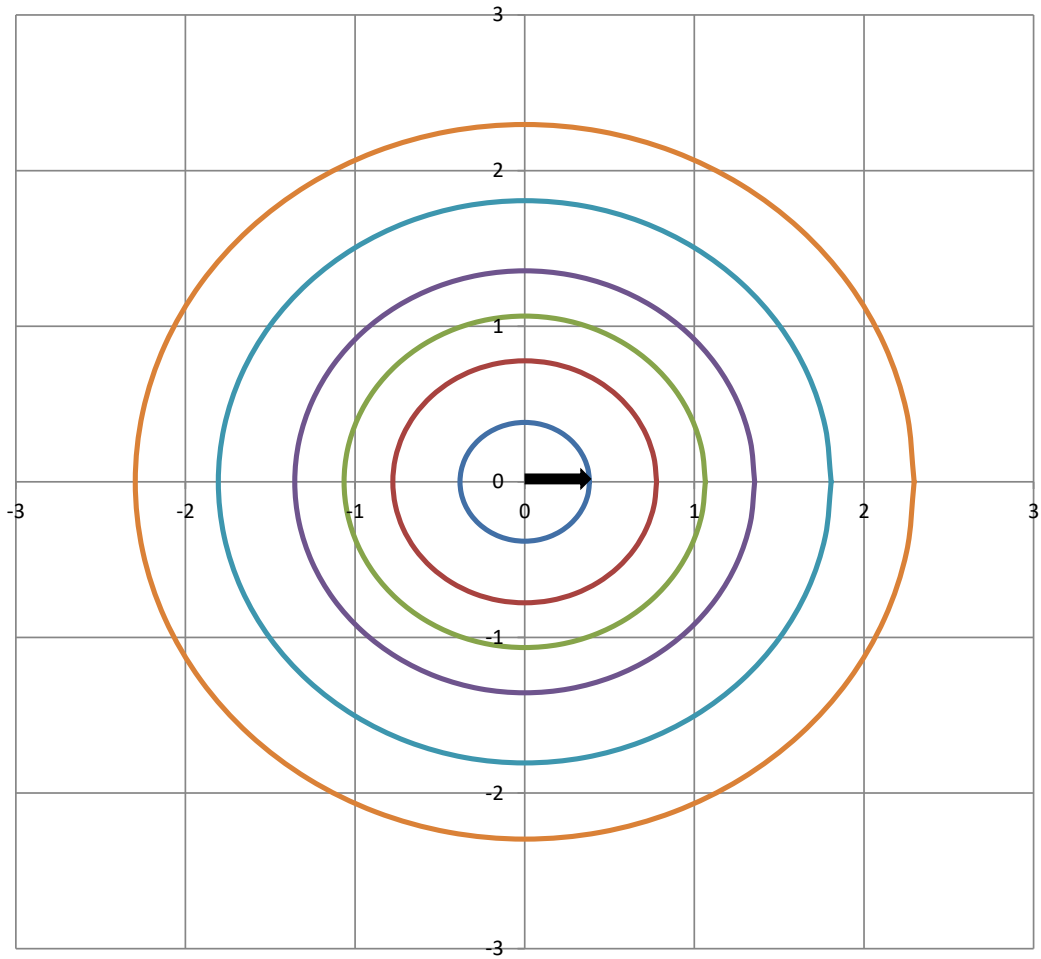
Beam and Field Information	
CIE Type:	Direct
Center Beam Intensity:	507.6 Candela
Central Cone Intensity:	507 Candela
Beam Flux:	475.6 Lumens
Beam Angle (0-180):	76.4 Degrees
Beam Angle (90-270):	76.4 Degrees
Field Angle (0-180):	152.3 Degrees
Field Angle (90-270):	152.3 Degrees





ISOFootcandle Plot

Mounting Height - 8 Feet



Grid Lines in Units of Mounting Height

