



Distribution - Goniophotometer

Distribution Test Conditions

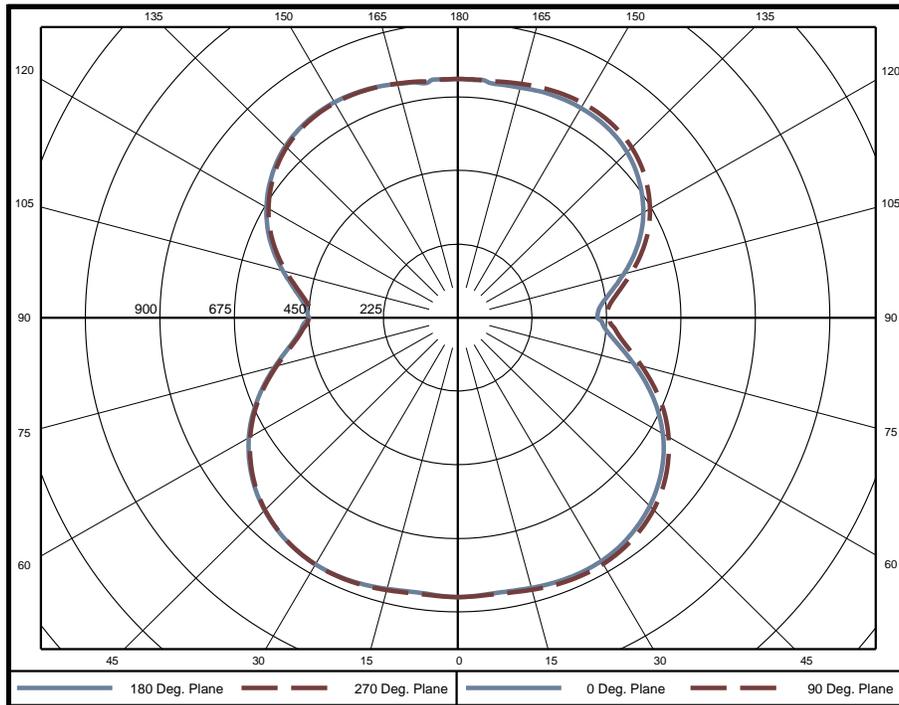
Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.3 °C	120.0 VAC	0.7085 A	84.02 W	0.988	60 Hz	8.10 %

Summary of Results

Spacing Criteria
 0-180: 1.51
 90-270: 1.53

Total Lumen Output: 8326 Lumens
Luminaire Efficacy: 99.1 lm/w
Maximum Candela: 872 Candela

Polar Plot



Zonal Lumen Summary

Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire
0-5	20.4	0.2%	60-65	340.1	4.1%	120-125	312.1	3.7%
5-10	60.9	0.7%	65-70	328.5	3.9%	125-130	305.3	3.7%
10-15	101.5	1.2%	70-75	309.8	3.7%	130-135	292.4	3.5%
15-20	142.1	1.7%	75-80	287.0	3.4%	135-140	273.5	3.3%
20-25	181.9	2.2%	80-85	265.3	3.2%	140-145	249.5	3.0%
25-30	219.6	2.6%	85-90	249.4	3.0%	145-150	221.5	2.7%
30-35	254.1	3.1%	90-95	242.8	2.9%	150-155	190.2	2.3%
35-40	284.2	3.4%	95-100	254.6	3.1%	155-160	156.9	1.9%
40-45	309.1	3.7%	100-105	273.4	3.3%	160-165	122.2	1.5%
45-50	327.8	3.9%	105-110	292.0	3.5%	165-170	87.0	1.0%
50-55	339.5	4.1%	110-115	305.5	3.7%	170-175	52.2	0.6%
55-60	343.7	4.1%	115-120	312.3	3.8%	175-180	17.4	0.2%

Zone	Lumens	% of Luminaire
0-40	1265	15.2%
0-60	2585	31.0%
0-90	4365	52.4%
90-180	3961	47.6%



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	854.4	854.4	854.4	854.4	854.4	854.4	854.4	854.4	854.4	854.4	854.4	854.4	854.4	854.4	854.4	854.4
5	850.9	851.7	852.2	852.6	852.6	852.9	852.6	852.2	850.5	852.2	852.6	852.9	852.6	852.6	852.2	851.7
10	850.1	852.0	852.8	853.8	854.6	854.4	853.0	851.4	850.0	851.4	853.0	854.4	854.6	853.8	852.8	852.0
15	854.8	857.2	858.1	860.1	860.9	860.9	859.1	857.6	857.1	857.6	859.1	860.9	860.9	860.1	858.1	857.2
20	860.0	861.8	863.6	865.9	867.7	867.6	866.2	865.2	864.5	865.2	866.2	867.6	867.7	865.9	863.6	861.8
25	861.9	863.2	865.5	868.4	870.5	871.2	870.4	869.7	869.3	869.7	870.4	871.2	870.5	868.4	865.5	863.2
30	858.9	859.3	862.2	866.0	869.4	870.3	869.7	869.2	868.2	869.2	869.7	870.3	869.4	866.0	862.2	859.3
35	849.6	849.4	853.4	857.5	861.5	863.2	863.2	863.0	861.5	863.0	863.2	863.2	861.5	857.5	853.4	849.4
40	833.5	833.3	837.7	843.0	847.8	850.4	850.9	850.5	848.8	850.5	850.9	850.4	847.8	843.0	837.7	833.3
45	812.2	811.3	816.6	821.9	828.0	831.4	832.3	832.1	829.0	832.1	832.3	831.4	828.0	821.9	816.6	811.3
50	784.0	782.2	787.9	794.7	800.9	805.2	806.7	806.8	803.4	806.8	806.7	805.2	800.9	794.7	787.9	782.2
55	749.8	746.6	752.6	759.8	766.2	771.7	774.2	774.0	770.1	774.0	774.2	771.7	766.2	759.8	752.6	746.6
60	707.4	704.1	711.5	718.9	726.3	732.2	735.1	734.8	730.7	734.8	735.1	732.2	726.3	718.9	711.5	704.1
65	657.8	655.4	662.9	671.2	679.5	686.4	688.9	689.4	682.9	689.4	688.9	686.4	679.5	671.2	662.9	655.4
70	602.0	599.6	608.2	617.3	624.9	632.8	636.6	636.6	628.9	636.6	636.6	632.8	624.9	617.3	608.2	599.6
75	544.5	541.3	550.3	559.3	567.7	576.4	580.2	579.8	572.0	579.8	580.2	576.4	567.7	559.3	550.3	541.3
80	489.5	486.6	495.8	505.5	513.9	522.8	526.1	526.2	518.5	526.2	526.1	522.8	513.9	505.5	495.8	486.6
85	446.2	446.1	455.3	465.7	474.9	482.6	485.2	485.0	479.6	485.0	485.2	482.6	474.9	465.7	455.3	446.1
90	416.9	422.0	430.6	441.5	450.8	456.7	456.6	455.3	449.8	455.3	456.6	456.7	450.8	441.5	430.6	422.0
95	429.6	434.8	440.2	447.7	455.3	461.6	464.0	463.6	465.8	463.6	464.0	461.6	455.3	447.7	440.2	434.8
100	466.2	472.3	477.7	484.1	491.6	497.6	499.5	498.6	501.6	498.6	499.5	497.6	491.6	484.1	477.7	472.3
105	513.7	519.1	523.5	530.7	537.2	545.5	546.6	545.4	547.3	545.4	546.6	545.5	537.2	530.7	523.5	519.1
110	560.6	565.7	570.2	578.3	584.3	591.6	594.2	592.9	593.7	592.9	594.2	591.6	584.3	578.3	570.2	565.7
115	603.3	607.2	612.1	620.3	626.7	634.0	636.8	635.5	634.8	635.5	636.8	634.0	626.7	620.3	612.1	607.2
120	640.0	643.1	647.9	656.2	662.1	670.4	672.8	671.3	669.0	671.3	672.8	670.4	662.1	656.2	647.9	643.1
125	670.4	673.3	677.3	685.5	691.8	700.3	703.0	700.8	698.1	700.8	703.0	700.3	691.8	685.5	677.3	673.3
130	695.8	697.8	701.8	709.6	716.5	724.7	727.2	724.7	721.7	724.7	727.2	724.7	716.5	709.6	701.8	697.8
135	715.6	716.4	720.2	727.7	734.8	742.9	745.1	742.8	739.2	742.8	745.1	742.9	734.8	727.7	720.2	716.4
140	728.9	729.1	732.5	739.7	746.5	754.8	756.5	754.4	750.5	754.4	756.5	754.8	746.5	739.7	732.5	729.1
145	736.3	736.3	740.1	746.1	752.9	760.6	762.2	760.3	756.2	760.3	762.2	760.6	752.9	746.1	740.1	736.3
150	738.9	739.0	743.3	748.5	754.9	761.7	762.9	761.2	757.3	761.2	762.9	761.7	754.9	748.5	743.3	739.0
155	738.3	737.6	742.5	746.9	752.3	758.1	759.0	758.3	754.2	758.3	759.0	758.1	752.3	746.9	742.5	737.6
160	735.0	734.0	738.9	742.6	746.9	751.1	751.9	751.6	748.1	751.6	751.9	751.1	746.9	742.6	738.9	734.0
165	727.6	728.7	733.2	736.4	739.6	740.9	742.8	741.8	739.2	741.8	742.8	740.9	739.6	736.4	733.2	728.7
170	724.2	726.2	727.3	730.3	732.8	730.9	732.8	731.4	730.1	731.4	732.8	730.9	732.8	730.3	727.3	726.2
175	730.5	728.4	729.7	729.9	729.1	729.3	729.1	729.1	731.1	729.1	729.1	729.3	729.1	729.9	729.7	728.4
180	729.8	729.8	729.8	729.8	729.8	729.8	729.8	729.8	729.8	729.8	729.8	729.8	729.8	729.8	729.8	729.8

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

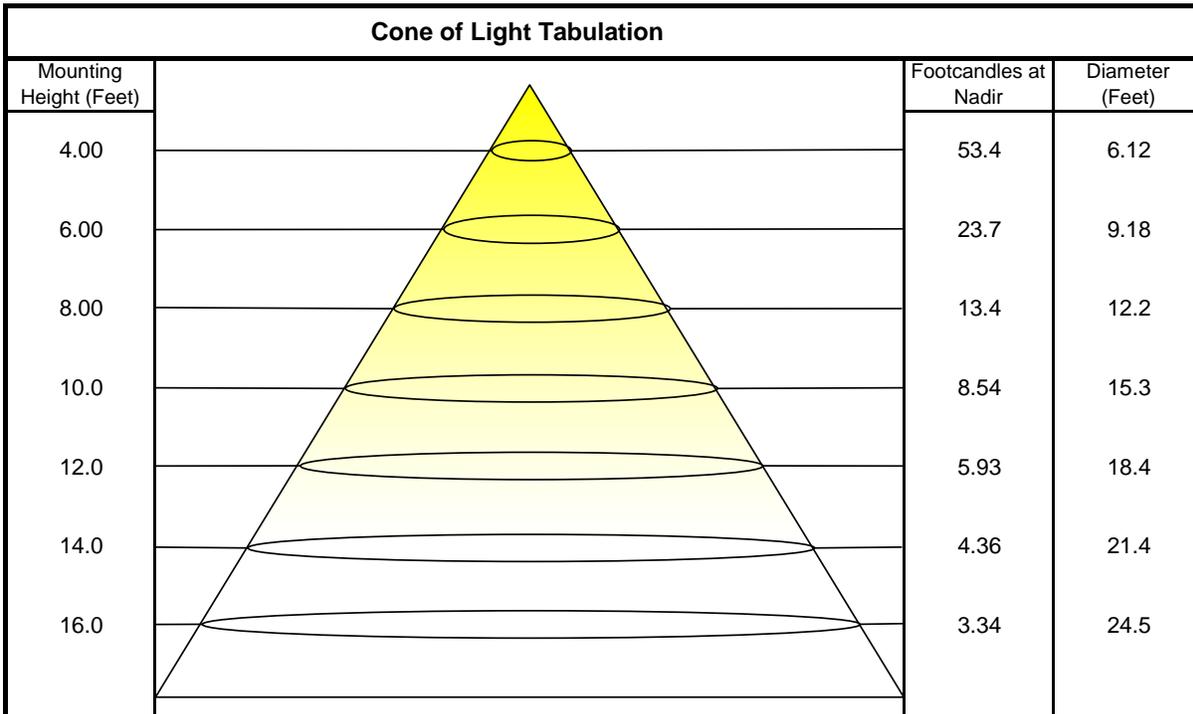
	0	45	90
0	747	747	747
45	3941	3962	4017
55	4485	4502	4583
65	1169	1178	1207
75	838	847	874
85	626	639	667



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	108	108	108	108	100	100	100	100	85	85	85	71	71	71	58	58	58	52
1	95	90	85	80	88	83	78	74	70	66	63	58	55	53	47	45	43	38
2	86	77	69	63	78	71	64	59	59	54	50	49	45	42	39	37	34	29
3	77	66	58	51	71	61	54	48	51	46	41	42	38	34	34	31	28	24
4	70	58	49	42	64	54	46	39	45	39	34	37	32	28	30	26	23	19
5	64	51	42	36	59	47	39	33	40	33	29	33	28	24	26	23	20	16
6	59	46	37	30	54	42	34	28	36	29	24	30	24	21	24	20	17	14
7	54	41	32	26	50	38	30	25	32	26	21	27	22	18	22	18	15	12
8	50	37	29	23	46	34	27	22	29	23	19	24	19	16	20	16	13	10
9	47	34	26	20	43	31	24	19	27	21	16	22	17	14	18	14	11	9
10	44	31	23	18	40	29	22	17	24	19	15	20	16	12	17	13	10	8

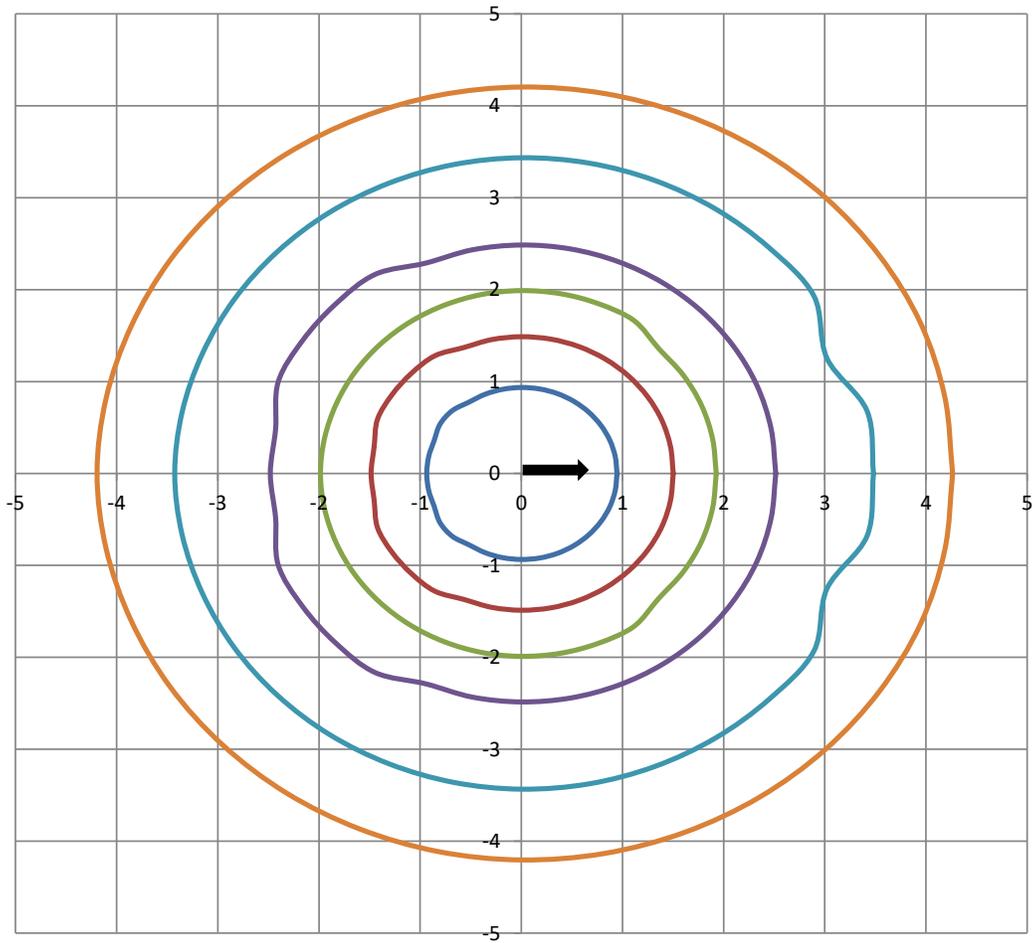
Beam and Field Information	
CIE Type:	Direct/Indirect
Center Beam Intensity:	854.4 Candela
Central Cone Intensity:	N/A Candela
Beam Flux:	8272.8 Lumens
Beam Angle (0-180):	N/A Degrees
Beam Angle (90-270):	N/A Degrees
Field Angle (0-180):	N/A Degrees
Field Angle (90-270):	N/A Degrees





ISOFootcandle Plot

Mounting Height - 8 Feet



Grid Lines in Units of Mounting Height

