

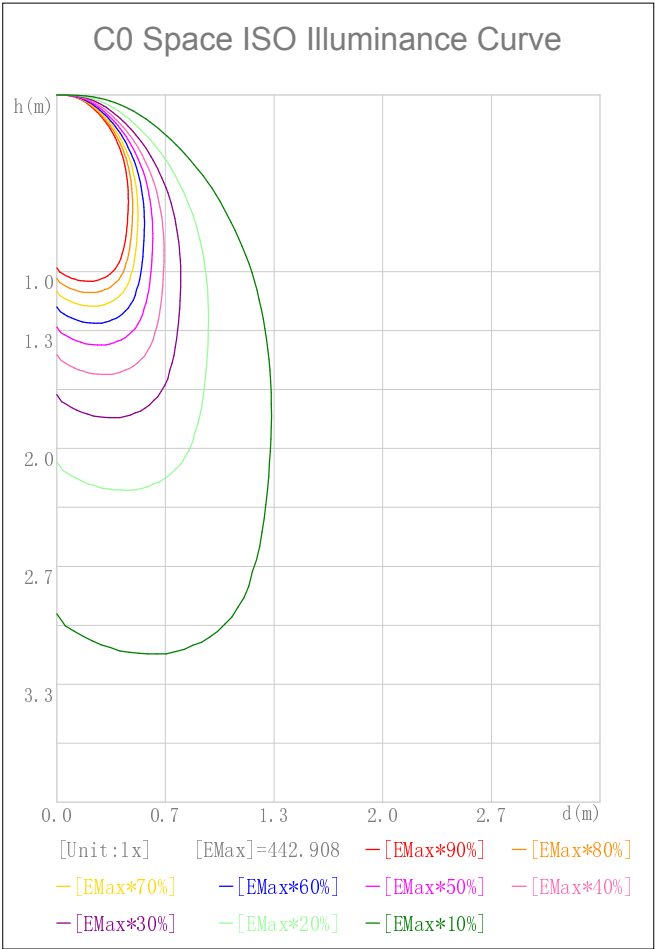
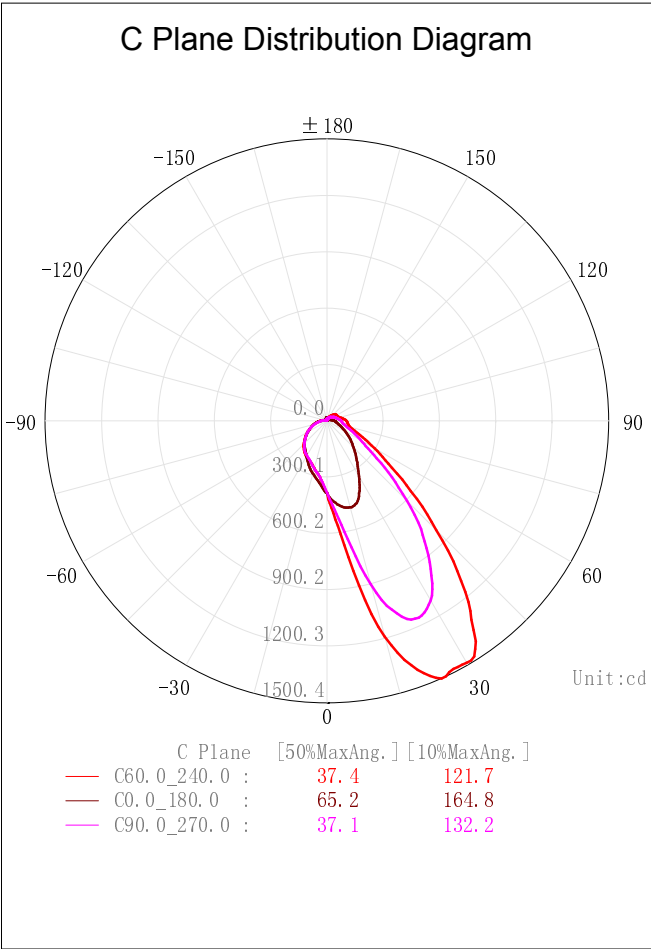
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 55252		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2024/06/03
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency (Hz):	Lamp CCT(K): 6000 Ra: 78.8
Lum. Size(W*L*H):0.045m*1.000m*0.044m		Lum. Area(m2):0.089	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp. (°C): 25	Humidity(%):

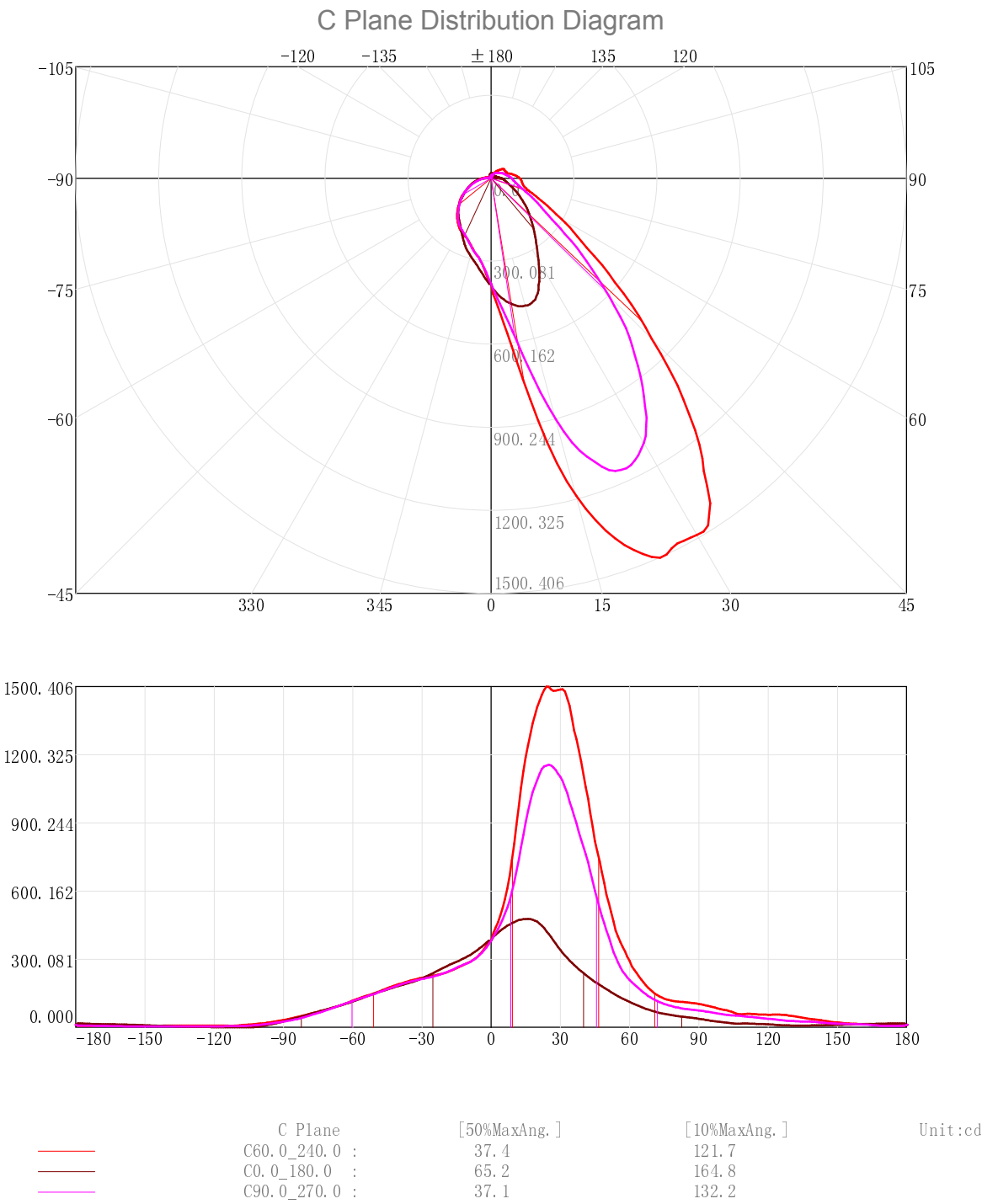
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1434.320	Luminary Flux(lm): 1434.321	Field Angle(10%Imax): 121.7(°)	
Rated Power(W): 24.26	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1324.688lm 92.36%	
Rated Voltage(V): 24	Luminary EER(lm/W): 60.622	Up Lumens&Percent: 109.633lm 7.64%	
Tested Power(W): 23.660	Max. Candela(cd): 1500.406	S/MH: C0_a180=1.065 C90_270=1.422	
Lamps' Inside: 1	Max Cand@Ang. (°): C=60.0 γ=24.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):23.7, 0.998	Beam Angle(50%Imax): 37.4(°)	ErP Φ use(90°): 838.581lm	
Lamp Size(W*L*H):0.045m*1.000m*0.044m	Left=9.2°, Right=46.6°	IRF(%): 199.801	



2D Plane Light Intensity Distribution Curve

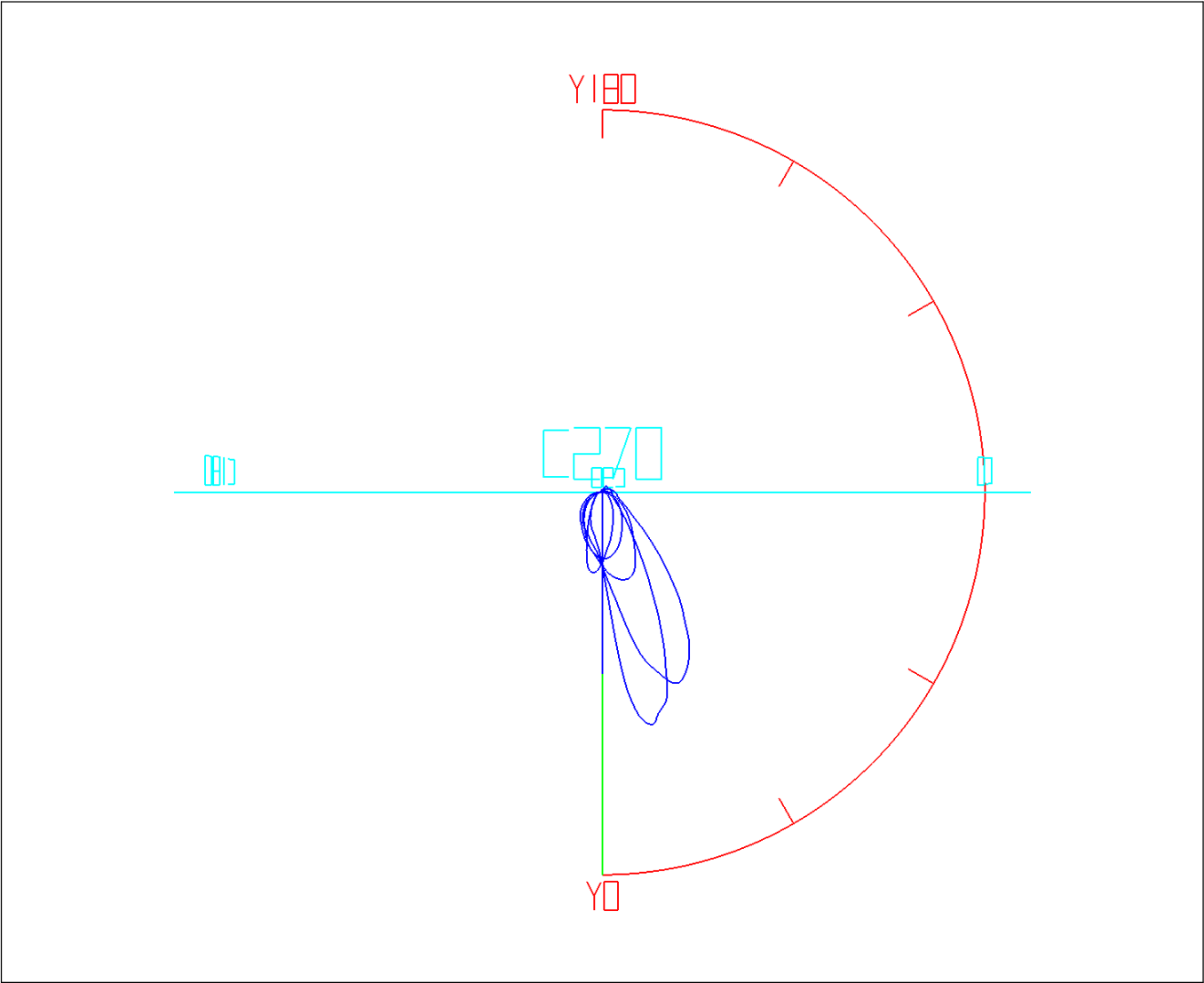
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/06/03



3D Light Intensity Distribution Modal

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2024/06/03

3D Light Intensity Distribution Modal



Curves:

View Angles:

3D Model

Orient:0

Fixture

Tilt:0

Vert. HUD

Roll:0

Hori. HUD

Spin:0

IES Indoor Report

Photometric Filename:SL-T12-2400-A-15X45D-6000K.IES

Zonal Flux Tabulation

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.36	0.36	0.03	0.03	47.0-48.0	21.11	878.35	1.47	61.24
1.0-2.0	1.09	1.46	0.08	0.10	48.0-49.0	20.40	898.75	1.42	62.66
2.0-3.0	1.83	3.29	0.13	0.23	49.0-50.0	19.65	918.41	1.37	64.03
3.0-4.0	2.57	5.86	0.18	0.41	50.0-51.0	18.93	937.34	1.32	65.35
4.0-5.0	3.33	9.19	0.23	0.64	51.0-52.0	18.26	955.60	1.27	66.62
5.0-6.0	4.11	13.30	0.29	0.93	52.0-53.0	17.51	973.11	1.22	67.84
6.0-7.0	4.92	18.22	0.34	1.27	53.0-54.0	16.75	989.87	1.17	69.01
7.0-8.0	5.77	24.00	0.40	1.67	54.0-55.0	16.10	1005.97	1.12	70.14
8.0-9.0	6.68	30.67	0.47	2.14	55.0-56.0	15.52	1021.49	1.08	71.22
9.0-10.0	7.64	38.32	0.53	2.67	56.0-57.0	15.00	1036.49	1.05	72.26
10.0-11.0	8.68	47.00	0.61	3.28	57.0-58.0	14.53	1051.02	1.01	73.28
11.0-12.0	9.79	56.79	0.68	3.96	58.0-59.0	14.07	1065.09	0.98	74.26
12.0-13.0	10.94	67.73	0.76	4.72	59.0-60.0	13.61	1078.70	0.95	75.21
13.0-14.0	12.13	79.85	0.85	5.57	60.0-61.0	13.14	1091.84	0.92	76.12
14.0-15.0	13.32	93.18	0.93	6.50	61.0-62.0	12.69	1104.53	0.88	77.01
15.0-16.0	14.52	107.70	1.01	7.51	62.0-63.0	12.26	1116.79	0.85	77.86
16.0-17.0	15.70	123.40	1.09	8.60	63.0-64.0	11.84	1128.63	0.83	78.69
17.0-18.0	16.86	140.26	1.18	9.78	64.0-65.0	11.42	1140.05	0.80	79.48
18.0-19.0	17.98	158.24	1.25	11.03	65.0-66.0	11.00	1151.05	0.77	80.25
19.0-20.0	19.07	177.32	1.33	12.36	66.0-67.0	10.61	1161.65	0.74	80.99
20.0-21.0	20.16	197.48	1.41	13.77	67.0-68.0	10.23	1171.88	0.71	81.70
21.0-22.0	21.22	218.71	1.48	15.25	68.0-69.0	9.87	1181.75	0.69	82.39
22.0-23.0	22.23	240.94	1.55	16.80	69.0-70.0	9.53	1191.28	0.66	83.06
23.0-24.0	23.14	264.08	1.61	18.41	70.0-71.0	9.18	1200.46	0.64	83.70
24.0-25.0	23.95	288.03	1.67	20.08	71.0-72.0	8.85	1209.31	0.62	84.31
25.0-26.0	24.64	312.68	1.72	21.80	72.0-73.0	8.54	1217.85	0.60	84.91
26.0-27.0	25.24	337.91	1.76	23.56	73.0-74.0	8.24	1226.09	0.57	85.48
27.0-28.0	25.80	363.71	1.80	25.36	74.0-75.0	7.96	1234.05	0.55	86.04
28.0-29.0	26.32	390.04	1.84	27.19	75.0-76.0	7.69	1241.74	0.54	86.57
29.0-30.0	26.81	416.84	1.87	29.06	76.0-77.0	7.44	1249.18	0.52	87.09
30.0-31.0	27.24	444.08	1.90	30.96	77.0-78.0	7.19	1256.36	0.50	87.59
31.0-32.0	27.56	471.64	1.92	32.88	78.0-79.0	6.94	1263.30	0.48	88.08
32.0-33.0	27.74	499.39	1.93	34.82	79.0-80.0	6.70	1270.00	0.47	88.54
33.0-34.0	27.81	527.20	1.94	36.76	80.0-81.0	6.46	1276.47	0.45	88.99
34.0-35.0	27.73	554.93	1.93	38.69	81.0-82.0	6.23	1282.70	0.43	89.43
35.0-36.0	27.50	582.43	1.92	40.61	82.0-83.0	6.01	1288.71	0.42	89.85
36.0-37.0	27.27	609.70	1.90	42.51	83.0-84.0	5.79	1294.50	0.40	90.25
37.0-38.0	27.04	636.74	1.89	44.39	84.0-85.0	5.57	1300.07	0.39	90.64
38.0-39.0	26.73	663.47	1.86	46.26	85.0-86.0	5.35	1305.42	0.37	91.01
39.0-40.0	26.33	689.80	1.84	48.09	86.0-87.0	5.14	1310.55	0.36	91.37
40.0-41.0	25.86	715.65	1.80	49.90	87.0-88.0	4.92	1315.47	0.34	91.71
41.0-42.0	25.32	740.98	1.77	51.66	88.0-89.0	4.71	1320.18	0.33	92.04
42.0-43.0	24.69	765.66	1.72	53.38	89.0-90.0	4.50	1324.69	0.31	92.36
43.0-44.0	23.97	789.63	1.67	55.05	90.0-91.0	4.30	1328.99	0.30	92.66
44.0-45.0	23.24	812.87	1.62	56.67	91.0-92.0	4.10	1333.09	0.29	92.94
45.0-46.0	22.53	835.40	1.57	58.24	92.0-93.0	3.90	1336.98	0.27	93.21
46.0-47.0	21.83	857.23	1.52	59.77	93.0-94.0	3.70	1340.69	0.26	93.47

IES Indoor Report

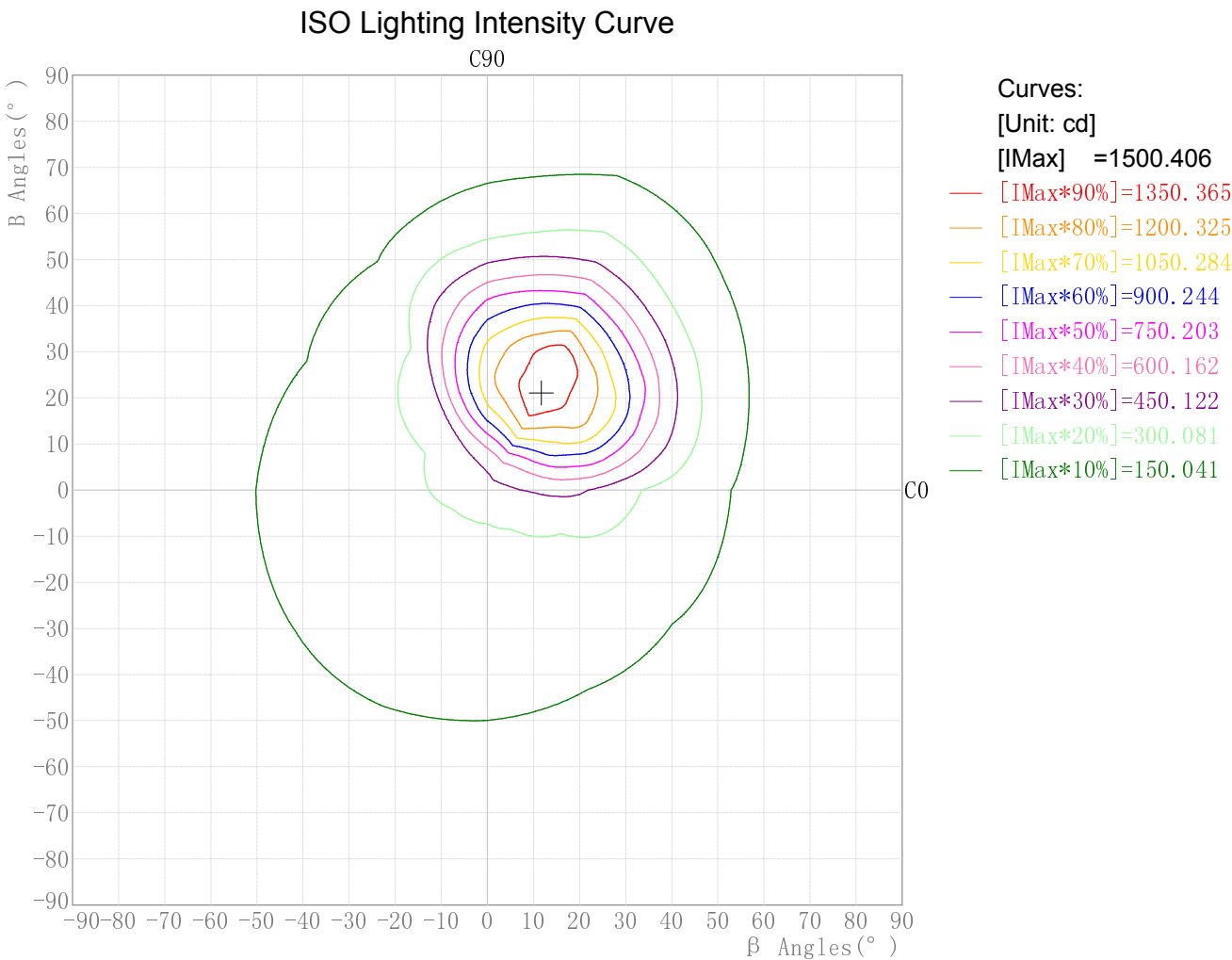
Photometric Filename:SL-T12-2400-A-15X45D-6000K.IES

Zonal Flux Tabulation - (Cont.)

Zone( γ )	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone( γ )	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	3.51	1344.20	0.25	93.72	141.0-142.0	0.75	1421.04	0.05	99.07
95.0-96.0	3.34	1347.54	0.23	93.95	142.0-143.0	0.72	1421.76	0.05	99.12
96.0-97.0	3.16	1350.70	0.22	94.17	143.0-144.0	0.69	1422.45	0.05	99.17
97.0-98.0	3.00	1353.70	0.21	94.38	144.0-145.0	0.67	1423.12	0.05	99.22
98.0-99.0	2.85	1356.56	0.20	94.58	145.0-146.0	0.64	1423.76	0.04	99.26
99.0-100.0	2.71	1359.27	0.19	94.77	146.0-147.0	0.62	1424.38	0.04	99.31
100.0-101.0	2.59	1361.86	0.18	94.95	147.0-148.0	0.60	1424.98	0.04	99.35
101.0-102.0	2.47	1364.32	0.17	95.12	148.0-149.0	0.57	1425.56	0.04	99.39
102.0-103.0	2.36	1366.68	0.16	95.28	149.0-150.0	0.55	1426.11	0.04	99.43
103.0-104.0	2.26	1368.94	0.16	95.44	150.0-151.0	0.53	1426.64	0.04	99.46
104.0-105.0	2.17	1371.11	0.15	95.59	151.0-152.0	0.51	1427.15	0.04	99.50
105.0-106.0	2.08	1373.19	0.15	95.74	152.0-153.0	0.49	1427.63	0.03	99.53
106.0-107.0	2.01	1375.20	0.14	95.88	153.0-154.0	0.47	1428.10	0.03	99.57
107.0-108.0	1.95	1377.15	0.14	96.01	154.0-155.0	0.45	1428.55	0.03	99.60
108.0-109.0	1.91	1379.06	0.13	96.15	155.0-156.0	0.44	1428.99	0.03	99.63
109.0-110.0	1.87	1380.94	0.13	96.28	156.0-157.0	0.42	1429.41	0.03	99.66
110.0-111.0	1.83	1382.77	0.13	96.41	157.0-158.0	0.41	1429.82	0.03	99.69
111.0-112.0	1.79	1384.56	0.12	96.53	158.0-159.0	0.39	1430.21	0.03	99.71
112.0-113.0	1.75	1386.31	0.12	96.65	159.0-160.0	0.37	1430.58	0.03	99.74
113.0-114.0	1.71	1388.02	0.12	96.77	160.0-161.0	0.36	1430.94	0.02	99.76
114.0-115.0	1.67	1389.69	0.12	96.89	161.0-162.0	0.34	1431.29	0.02	99.79
115.0-116.0	1.63	1391.32	0.11	97.00	162.0-163.0	0.33	1431.61	0.02	99.81
116.0-117.0	1.59	1392.91	0.11	97.11	163.0-164.0	0.31	1431.92	0.02	99.83
117.0-118.0	1.56	1394.47	0.11	97.22	164.0-165.0	0.29	1432.21	0.02	99.85
118.0-119.0	1.52	1395.99	0.11	97.33	165.0-166.0	0.27	1432.48	0.02	99.87
119.0-120.0	1.48	1397.47	0.10	97.43	166.0-167.0	0.25	1432.73	0.02	99.89
120.0-121.0	1.45	1398.91	0.10	97.53	167.0-168.0	0.23	1432.96	0.02	99.91
121.0-122.0	1.42	1400.33	0.10	97.63	168.0-169.0	0.21	1433.17	0.01	99.92
122.0-123.0	1.38	1401.71	0.10	97.73	169.0-170.0	0.19	1433.36	0.01	99.93
123.0-124.0	1.34	1403.04	0.09	97.82	170.0-171.0	0.17	1433.53	0.01	99.95
124.0-125.0	1.30	1404.34	0.09	97.91	171.0-172.0	0.16	1433.69	0.01	99.96
125.0-126.0	1.26	1405.60	0.09	98.00	172.0-173.0	0.14	1433.83	0.01	99.97
126.0-127.0	1.22	1406.82	0.09	98.08	173.0-174.0	0.12	1433.96	0.01	99.97
127.0-128.0	1.18	1408.00	0.08	98.17	174.0-175.0	0.11	1434.07	0.01	99.98
128.0-129.0	1.14	1409.14	0.08	98.24	175.0-176.0	0.09	1434.16	0.01	99.99
129.0-130.0	1.10	1410.24	0.08	98.32	176.0-177.0	0.07	1434.23	0.00	99.99
130.0-131.0	1.07	1411.30	0.07	98.40	177.0-178.0	0.05	1434.28	0.00	100.00
131.0-132.0	1.03	1412.34	0.07	98.47	178.0-179.0	0.03	1434.31	0.00	100.00
132.0-133.0	1.00	1413.33	0.07	98.54	179.0-180.0	0.01	1434.32	0.00	100.00
133.0-134.0	0.96	1414.30	0.07	98.60					
134.0-135.0	0.94	1415.23	0.07	98.67					
135.0-136.0	0.91	1416.14	0.06	98.73					
136.0-137.0	0.88	1417.03	0.06	98.79					
137.0-138.0	0.86	1417.88	0.06	98.85					
138.0-139.0	0.83	1418.71	0.06	98.91					
139.0-140.0	0.80	1419.52	0.06	98.97					
140.0-141.0	0.77	1420.29	0.05	99.02					

Rectangle ISO Lighting Intensity Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/06/03

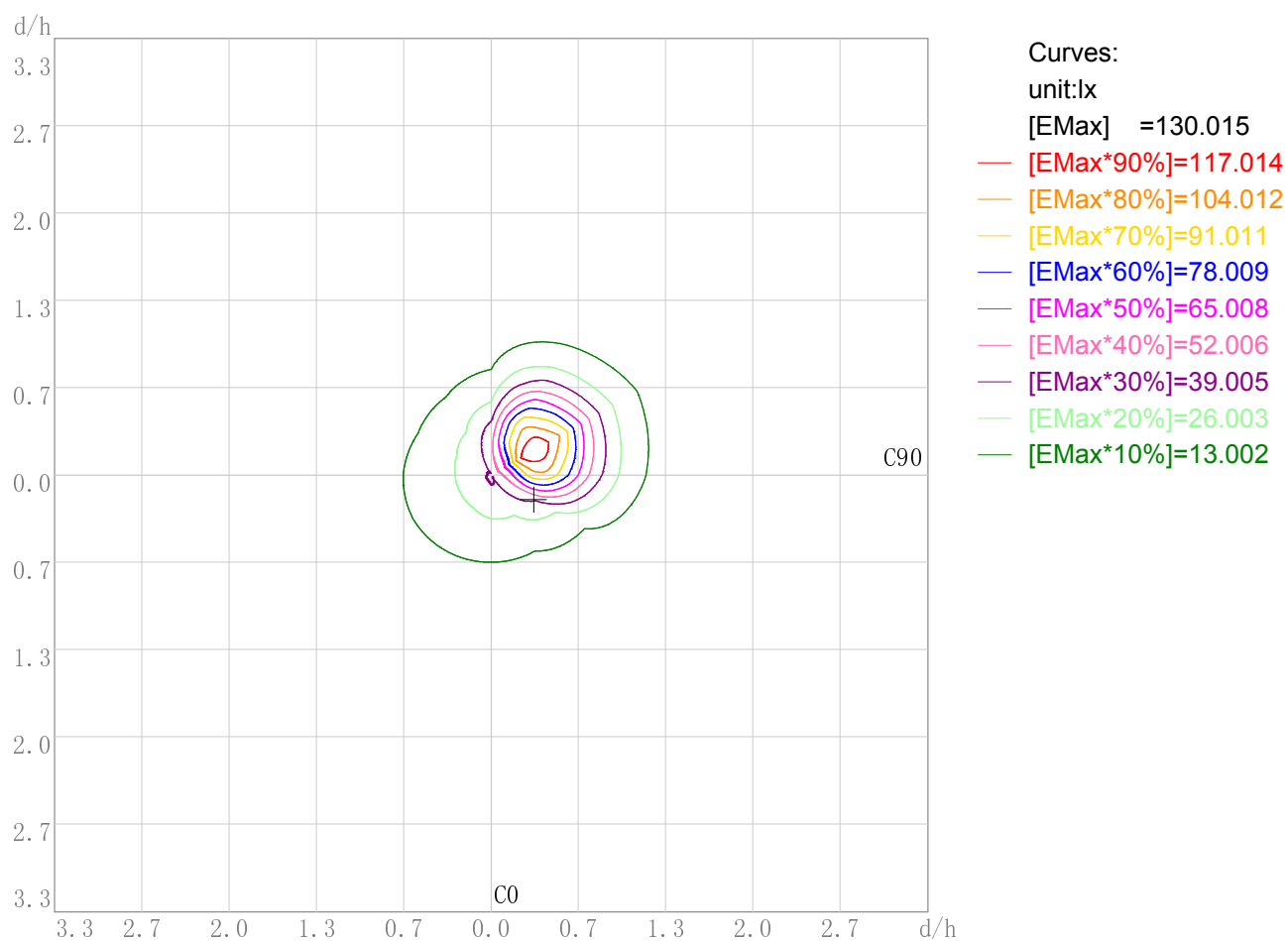


**Photometric Filename:SL-T12-2400-A-15X45D-6000K.IES**

## Plane ISO-Illuminance Diagram

Lum. Name: 55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/06/03

### Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

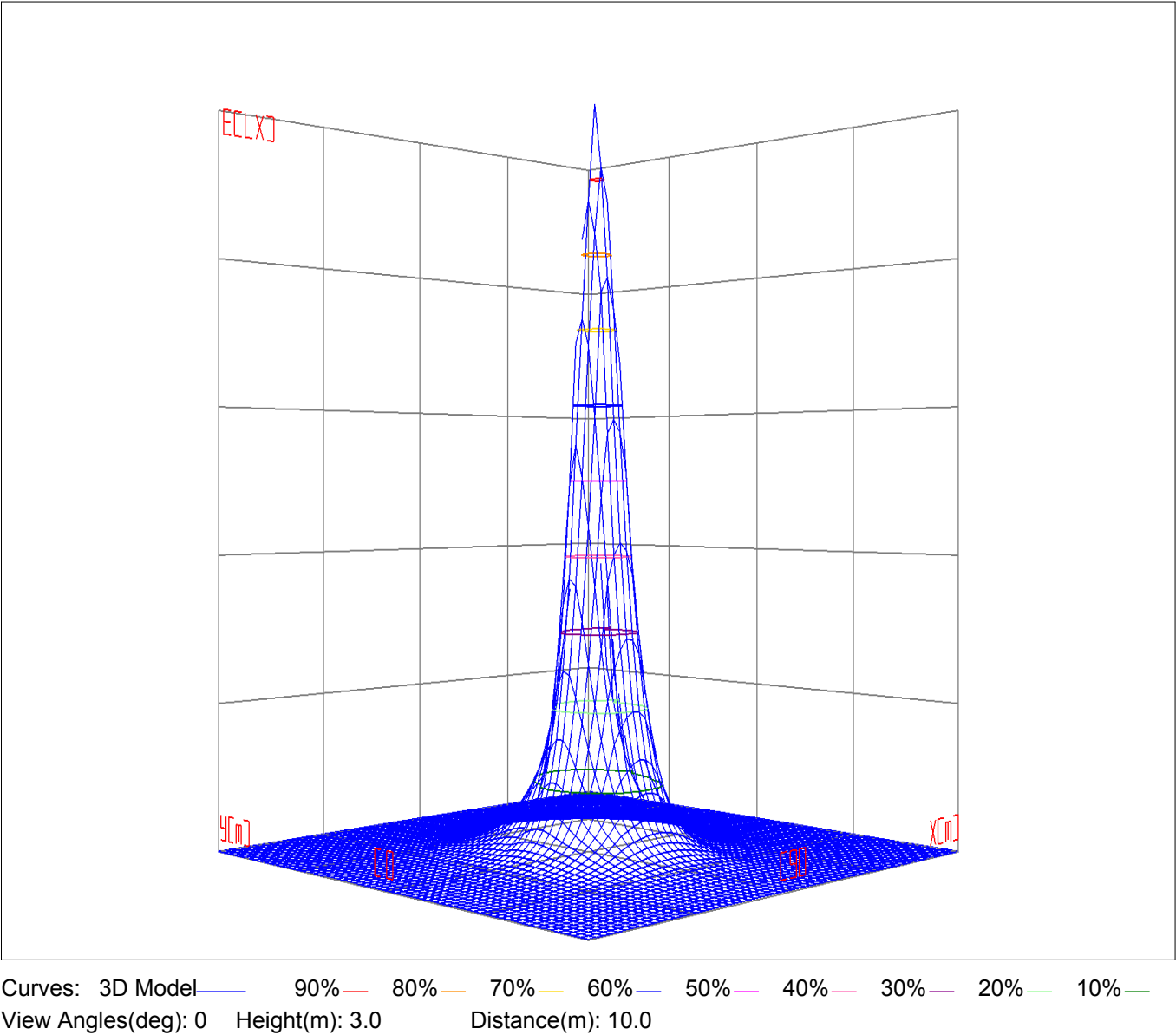
Working Plane Maximum Illuminance(lx): 130.02

Working Plane Maximum Illuminance Position(d/h):H0.3 V0.2

3D Plane ISO Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/06/03

3D Plane Illuminance Modal

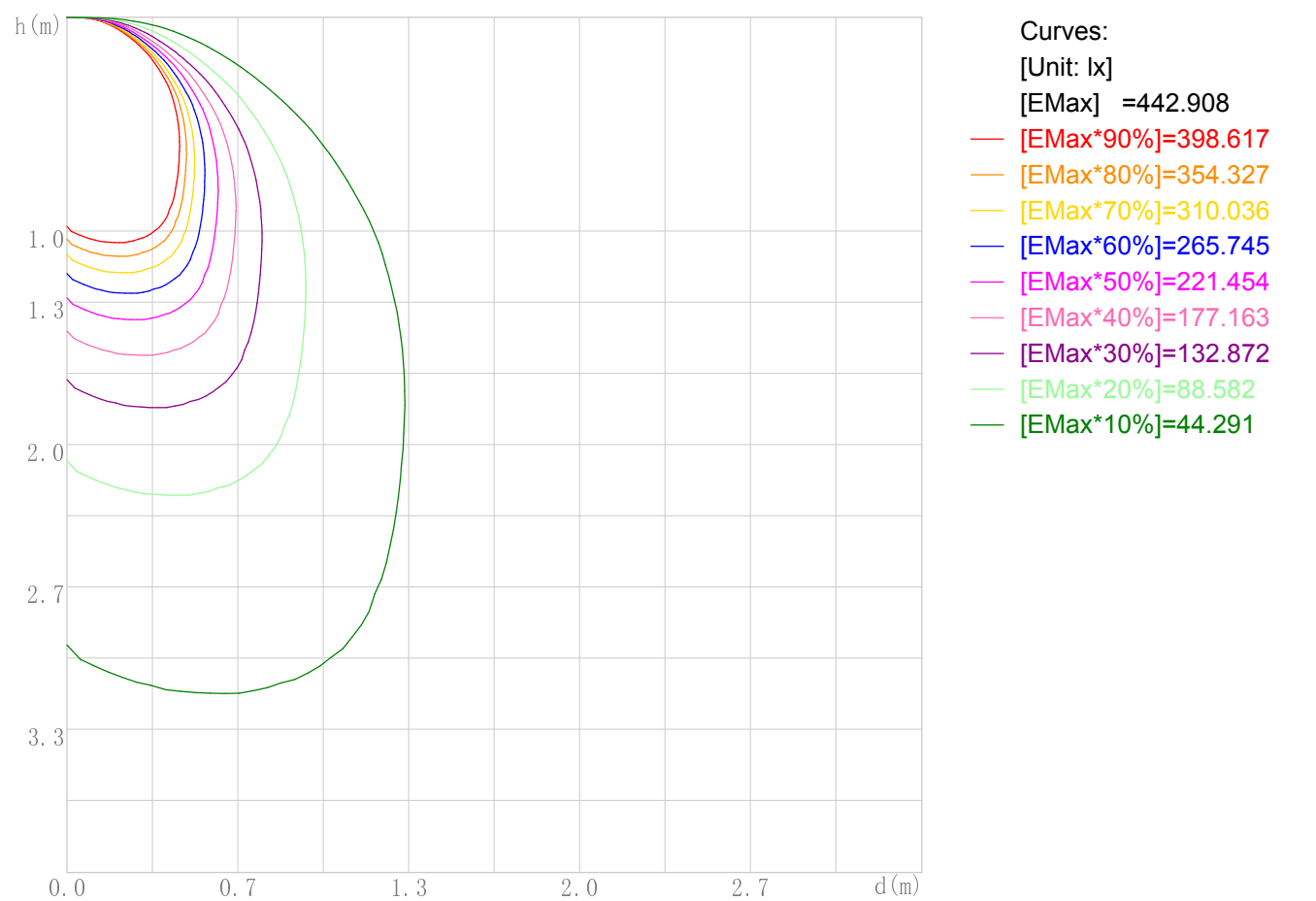




Space ISO Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/06/03

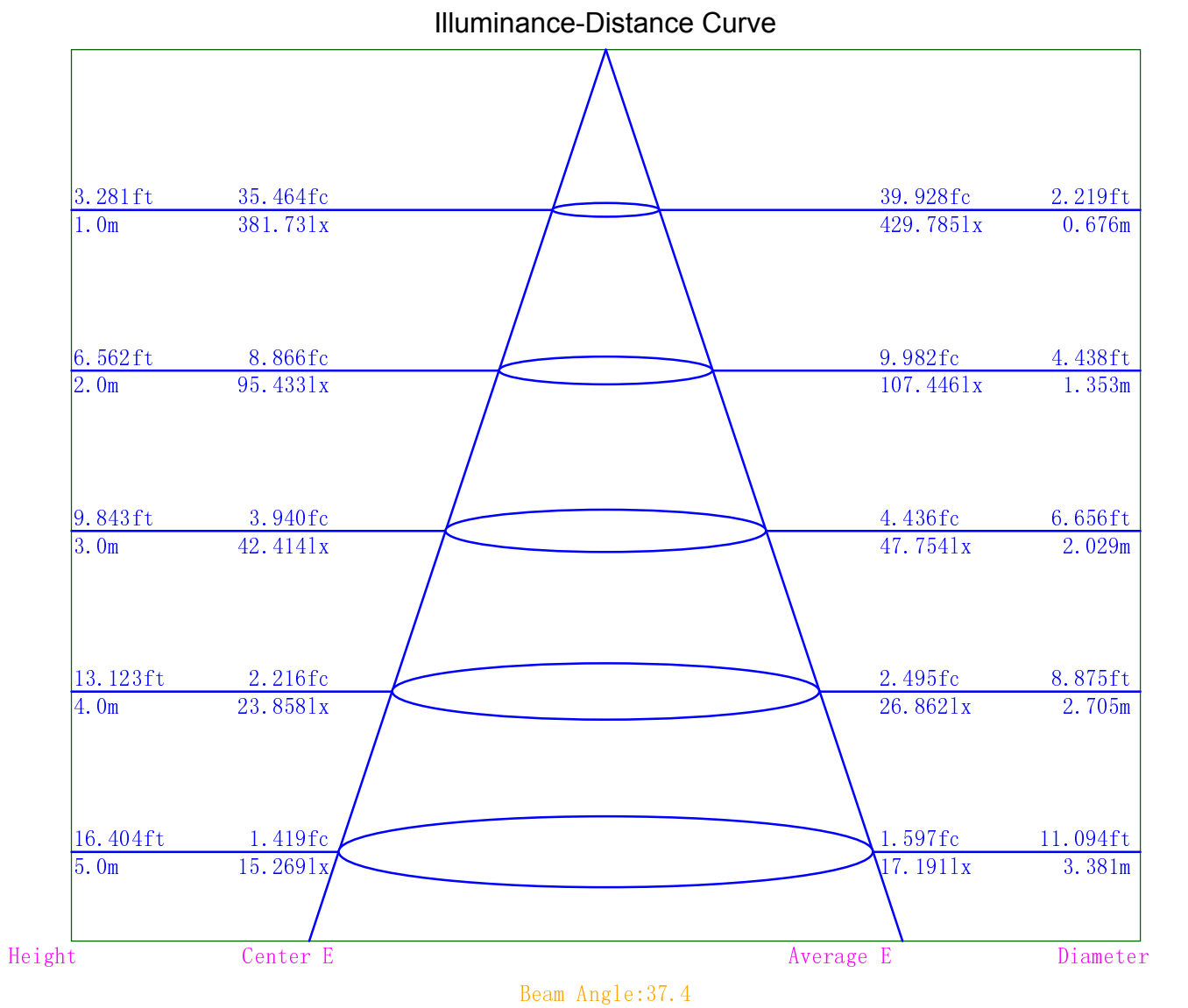
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:442.91lx,11.0deg  
Plane Maximum Lighting Intensity and @Angle:478.321cd,0deg

Illuminance-Distance Diagram

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2024/06/03



Indoor Luminance Limiting Curves

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2024/06/03

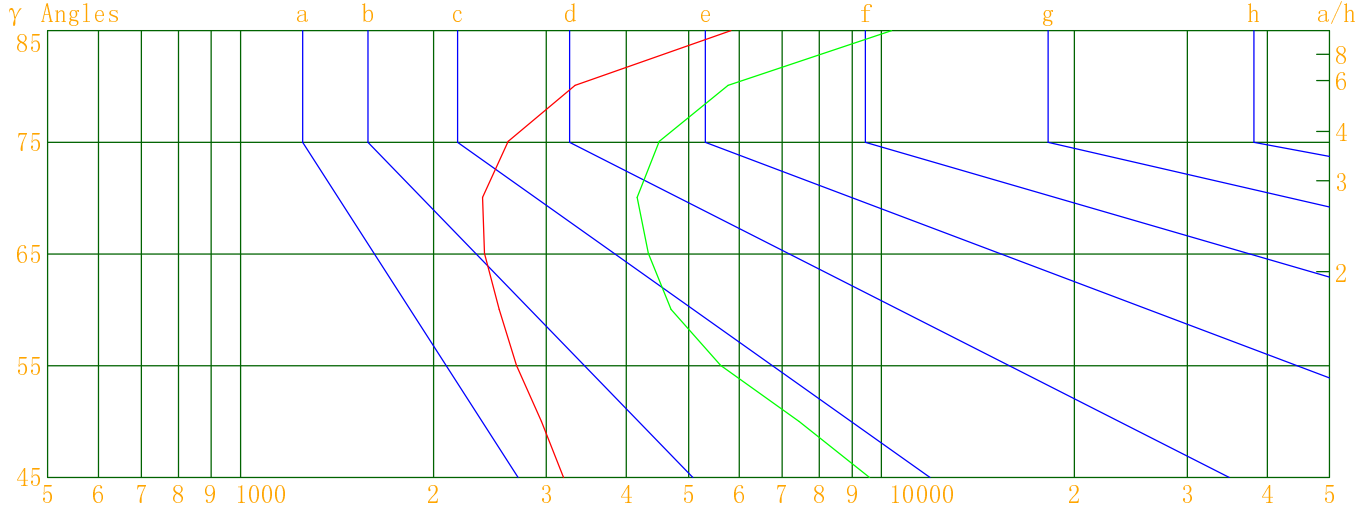
Glare Grade Table

GI	Quality	Using Illuminance							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E	a				2000	1000	500	<=300
			b	c	d	e	f	g	h

Luminance Table

Gama (deg)	45	50	55	60	65	70	75	80	85
C0	3191	2946	2695	2532	2402	2385	2617	3328	5820
C90	9578	7436	5610	4697	4330	4156	4499	5766	10377

Luminance Limiting Curve



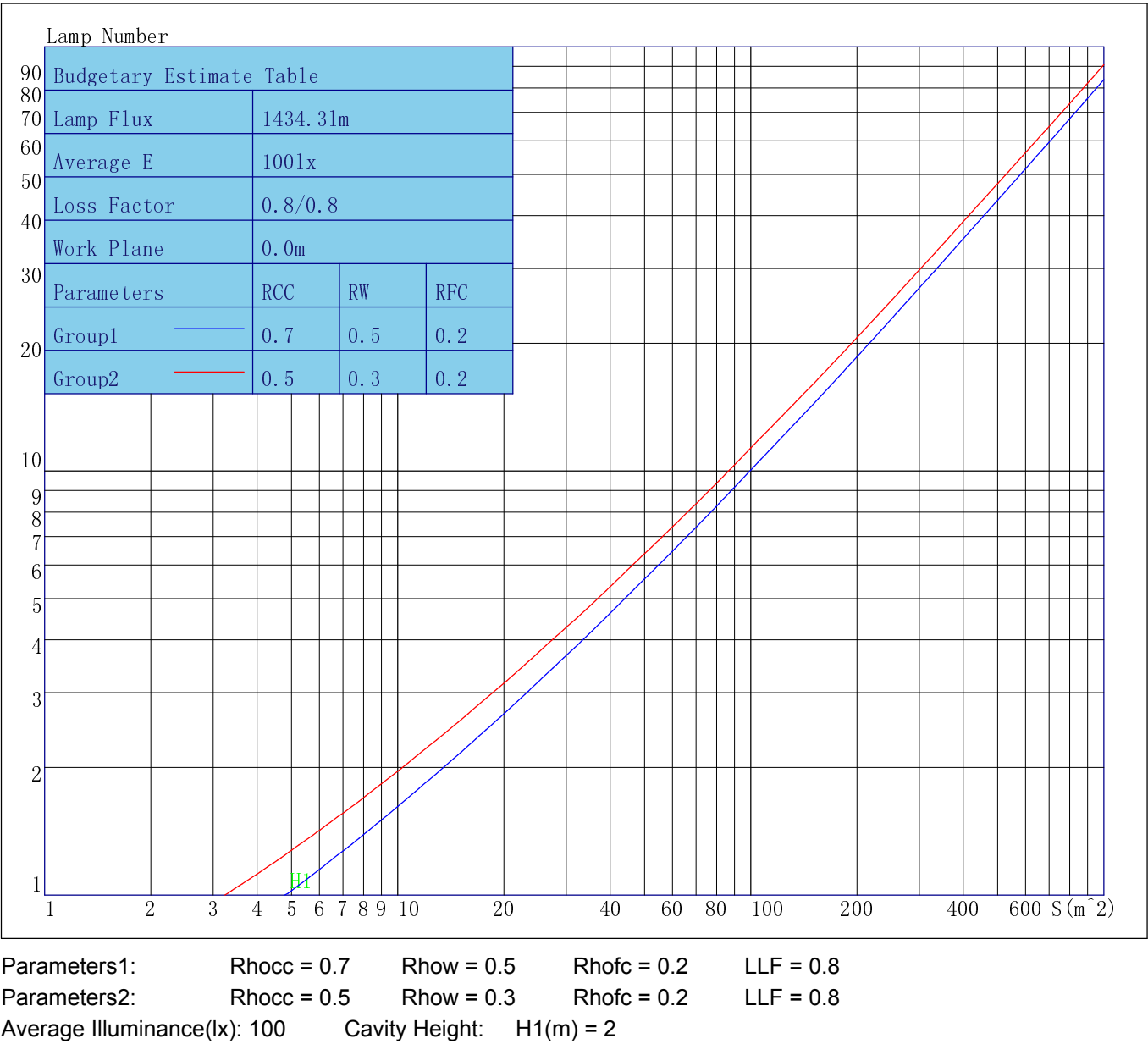
Luminous Size:Length(m)=1.000Width(m)=0.045Height(m)=0.044Area(m^2)=0.089000

Luminous Type:Without Luminous Side

Luminous Curves:C0-C180 Color: C90-C270 Color:

Indoor Budgetary Estimate Table

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/06/03



Indoor Coefficient of Utilization Table

Lum. Name:55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/06/03

Coefficients of Utilization – Zonal Cavity Method																		
Coef.	Effective Floor Cavity Reflectance RFC=0.20																	
RhoCC (%)	80				70				50			30			10			0
RhoW (%)	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	Coefficient of Utilization(%)																	
0	117	117	117	117	114	114	114	114	107	107	107	101	101	101	95	95	95	92
1	107	102	98	94	103	99	95	92	93	90	87	88	86	83	83	81	80	77
2	98	90	83	78	94	87	81	76	83	78	73	78	74	70	74	71	68	65
3	90	80	72	66	87	77	70	64	73	67	62	70	65	60	66	62	58	56
4	83	71	63	56	80	69	61	55	66	59	54	63	57	52	60	55	51	49
5	76	64	55	49	74	62	54	48	59	52	47	57	51	46	54	49	45	43
6	71	58	49	43	68	56	48	43	54	47	42	52	45	41	49	44	40	38
7	66	53	44	38	63	51	43	38	49	42	37	47	41	36	45	40	36	33
8	61	48	40	34	59	47	39	34	45	38	33	43	37	33	42	36	32	30
9	57	44	36	31	55	43	36	31	42	35	30	40	34	29	38	33	29	27
10	53	41	33	28	52	40	33	28	38	32	27	37	31	27	36	30	26	25

Unified Glare Rating Table

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/06/03

Unified Glare Rating Table

Ceiling RCC		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
Wall RW		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
Floor RFC		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room Size		Vewed crosswise					Vewed endwise				
X=2H	Y=2H	16.4	17.7	16.9	18.2	18.7	19.6	21.0	20.1	21.5	22.0
	Y=3H	17.3	18.5	17.8	19.0	19.5	20.5	21.7	21.0	22.2	22.7
	Y=4H	17.8	18.9	18.3	19.4	20.0	21.0	22.1	21.5	22.6	23.2
	Y=6H	18.4	19.5	19.0	20.0	20.6	21.7	22.7	22.2	23.2	23.8
	Y=8H	18.8	19.8	19.4	20.4	20.9	22.1	23.1	22.7	23.6	24.2
	Y=12H	19.3	20.3	19.9	20.8	21.4	22.7	23.7	23.2	24.2	24.8
X=4H	Y=2H	17.2	18.3	17.7	18.8	19.4	19.8	21.0	20.4	21.5	22.0
	Y=3H	18.3	19.3	18.8	19.8	20.4	21.0	21.9	21.5	22.5	23.0
	Y=4H	19.0	19.9	19.5	20.4	21.0	21.7	22.5	22.2	23.1	23.7
	Y=6H	19.8	20.6	20.4	21.2	21.8	22.6	23.4	23.2	23.9	24.6
	Y=8H	20.3	21.1	20.9	21.6	22.3	23.2	23.9	23.8	24.5	25.1
	Y=12H	21.0	21.6	21.6	22.2	22.9	24.0	24.6	24.6	25.2	25.8
X=8H	Y=4H	19.6	20.3	20.2	20.9	21.5	21.9	22.6	22.5	23.2	23.8
	Y=6H	20.7	21.3	21.4	22.0	22.7	23.1	23.7	23.7	24.3	25.1
	Y=8H	21.5	22.0	22.1	22.6	23.3	23.9	24.5	24.6	25.1	25.8
	Y=12H	22.3	22.8	22.9	23.4	24.1	25.0	25.4	25.6	26.1	26.8
X=12H	Y=4H	19.7	20.4	20.3	21.0	21.6	21.9	22.6	22.5	23.2	23.8
	Y=6H	21.1	21.6	21.7	22.2	22.9	23.3	23.8	23.9	24.4	25.1
	Y=8H	21.9	22.4	22.6	23.0	23.7	24.2	24.7	24.8	25.3	26.0
Variations with the objverver position at spacings											
S=1.0H		0.1/-0.2					0.1/-0.2				
S=1.5H		0.3/-0.5					0.2/-0.3				
S=2.0H		0.5/-0.5					0.3/-0.3				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		3.7					3.3				

o the CIE Pub.117, data has been corrected, refers to the lamp's lumens 8.2flm.

**Photometric Filename:SL-T12-2400-A-15X45D-6000K.IES**

## Candela Tabulation

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ 0.0	381.73	381.73	381.73	381.73	381.73	381.73	381.73	381.73	381.73	381.73	381.73	381.73
γ 1.0	399.73	411.42	418.05	399.40	376.61	349.44	381.94	376.77	377.06	366.46	360.04	350.75
γ 2.0	408.39	429.99	439.83	416.14	384.95	348.26	373.16	362.70	360.29	352.42	352.25	350.80
γ 3.0	417.22	448.67	464.03	433.57	392.61	346.59	364.27	348.98	344.94	340.04	344.38	350.30
γ 4.0	425.39	469.30	492.10	452.98	400.09	344.60	356.29	337.08	331.58	328.35	337.17	349.36
γ 5.0	433.56	491.53	526.46	475.55	406.57	342.21	348.13	327.29	320.93	318.64	329.73	348.18
γ 6.0	439.84	517.81	562.86	501.08	412.71	339.42	340.10	317.19	310.39	309.96	322.76	346.52
γ 7.0	448.01	546.50	610.45	527.04	418.95	336.53	333.87	309.57	302.83	301.73	315.66	344.41
γ 8.0	453.34	575.08	667.48	559.19	424.80	333.24	326.08	302.90	295.12	295.52	310.30	341.97
γ 9.0	458.45	612.07	735.58	596.50	430.01	329.67	319.48	296.57	289.16	288.80	303.79	339.22
γ 10.0	463.29	653.78	810.42	640.96	434.89	325.92	314.32	291.02	284.67	283.82	298.77	336.21
γ 11.0	468.25	701.35	892.38	688.23	438.70	321.71	308.67	286.64	280.24	279.93	293.01	332.98
γ 12.0	472.81	750.14	975.47	738.92	440.84	317.39	303.82	281.58	275.74	275.84	287.90	329.32
γ 13.0	474.96	801.44	1056.05	793.80	443.38	312.73	298.65	277.14	271.01	271.48	283.79	325.31
γ 14.0	476.78	851.44	1129.36	847.59	445.41	307.99	293.52	272.39	265.61	267.49	279.52	321.13
γ 15.0	476.22	902.03	1187.92	901.05	447.16	303.11	289.43	267.28	260.45	262.74	274.17	316.71
γ 16.0	478.32	942.20	1241.50	952.22	448.09	297.91	284.28	261.59	256.11	257.64	270.88	311.92
γ 17.0	476.62	976.26	1291.95	997.55	447.80	292.52	280.20	257.48	251.30	252.76	266.29	307.17
γ 18.0	474.11	1003.55	1338.02	1035.25	448.45	286.97	275.81	252.80	247.51	248.84	262.32	302.06
γ 19.0	469.51	1032.20	1375.33	1063.51	443.58	281.25	270.92	247.82	243.67	244.82	257.52	296.76
γ 20.0	465.78	1062.15	1409.91	1089.20	441.42	275.47	266.27	243.40	240.18	240.66	253.36	291.31
γ 21.0	457.14	1094.88	1437.86	1116.14	436.73	269.58	261.13	239.30	237.07	237.17	248.35	285.70
γ 22.0	448.88	1126.44	1463.54	1137.46	430.28	263.68	256.03	235.48	234.37	233.49	243.63	280.04
γ 23.0	437.99	1151.36	1485.62	1148.89	422.39	257.76	249.97	232.17	231.95	230.40	239.06	274.22
γ 24.0	422.21	1165.68	1500.41	1152.76	414.32	251.97	245.64	228.62	229.91	227.56	233.43	268.36
γ 25.0	411.32	1171.97	1499.69	1155.93	403.92	246.23	240.01	225.71	227.99	224.61	228.94	262.26
γ 26.0	397.55	1170.51	1487.05	1152.84	393.61	240.69	234.96	223.33	225.82	222.22	224.21	256.29
γ 27.0	382.89	1159.67	1481.19	1144.09	382.02	235.23	230.17	220.90	224.27	220.02	219.87	250.30
γ 28.0	369.09	1147.13	1483.07	1133.10	371.38	229.95	225.31	218.70	222.64	217.73	215.08	244.47
γ 29.0	354.99	1131.19	1484.74	1117.79	360.24	224.92	220.56	216.00	220.54	215.27	211.27	238.84
γ 30.0	341.91	1113.65	1487.53	1103.37	348.72	220.19	216.05	214.10	218.57	213.26	206.97	233.38
γ 31.0	328.95	1090.26	1489.02	1084.74	337.06	215.54	211.99	211.83	216.51	211.06	203.44	228.03
γ 32.0	316.74	1062.83	1478.90	1056.85	326.34	211.12	208.05	209.24	214.07	208.94	199.63	222.66
γ 33.0	305.55	1034.69	1447.08	1031.15	316.48	206.73	204.28	206.89	211.60	206.63	196.05	217.71
γ 34.0	294.60	1005.74	1416.33	993.46	306.03	202.40	201.01	204.59	209.14	204.31	192.94	212.70
γ 35.0	284.27	963.76	1360.82	962.81	295.94	198.22	197.76	201.74	206.08	201.84	189.43	207.84
γ 36.0	275.22	916.27	1306.63	931.59	285.57	193.97	194.83	199.00	202.90	198.94	186.24	202.97
γ 37.0	265.60	877.65	1267.75	898.01	275.60	189.82	191.66	195.93	199.92	196.05	183.13	198.19
γ 38.0	256.48	845.14	1222.61	861.24	265.75	185.74	188.80	192.76	196.81	193.07	180.20	193.41
γ 39.0	247.61	809.23	1170.87	826.52	256.08	181.52	185.66	189.30	193.53	190.08	177.04	188.74
γ 40.0	239.43	770.47	1111.15	793.27	247.02	177.40	182.90	185.73	190.39	186.70	174.13	184.19
γ 41.0	231.14	723.67	1057.75	763.13	238.42	173.35	179.93	182.28	187.11	183.07	170.97	179.71
γ 42.0	223.34	675.13	1007.14	726.88	230.04	169.13	176.73	178.60	183.81	179.45	167.75	175.37
γ 43.0	215.65	631.97	943.49	685.25	221.99	165.04	173.75	174.85	180.17	175.86	164.69	170.84
γ 44.0	208.08	590.86	882.59	642.36	214.06	161.00	170.60	170.93	176.50	171.92	161.54	166.67
γ 45.0	200.83	554.71	821.23	602.74	206.43	157.01	167.40	167.18	172.66	168.24	158.28	162.34
γ 46.0	193.95	516.34	775.11	563.15	199.12	153.04	164.11	163.64	168.74	164.77	154.96	158.25

IES Indoor Report

Photometric Filename:SL-T12-2400-A-15X45D-6000K.IES

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Candela Tabulation - (Cont.)

V/H	C0. 0	C30. 0	C60. 0	C90. 0	C120. 0	C150. 0	C180. 0	C210. 0	C240. 0	C270. 0	C300. 0	C330. 0
γ 47. 0	187. 33	477. 20	730. 72	522. 71	192. 06	149. 16	160. 93	160. 24	164. 71	160. 71	151. 64	154. 20
γ 48. 0	181. 04	440. 92	682. 71	490. 36	185. 20	145. 35	157. 60	156. 85	160. 71	157. 20	148. 17	150. 14
γ 49. 0	174. 82	409. 28	634. 63	458. 21	178. 42	141. 46	154. 27	153. 47	156. 81	153. 64	144. 67	146. 29
γ 50. 0	168. 54	375. 57	584. 00	425. 39	171. 88	137. 70	150. 81	150. 01	153. 14	149. 93	141. 17	142. 36
γ 51. 0	162. 25	346. 59	546. 40	397. 92	165. 63	133. 83	147. 36	146. 26	149. 64	146. 44	137. 65	138. 48
γ 52. 0	155. 68	323. 67	508. 53	366. 94	159. 56	130. 12	143. 89	142. 59	146. 19	143. 12	134. 03	134. 70
γ 53. 0	149. 28	290. 93	467. 16	331. 71	153. 72	126. 26	140. 35	139. 13	142. 83	139. 91	130. 40	130. 91
γ 54. 0	143. 41	264. 40	427. 10	310. 35	147. 94	122. 52	136. 59	135. 86	139. 60	136. 69	126. 64	127. 22
γ 55. 0	137. 55	245. 19	399. 44	286. 39	142. 04	118. 63	132. 54	132. 62	136. 33	133. 29	122. 73	123. 43
γ 56. 0	132. 01	228. 00	375. 27	264. 32	136. 44	114. 96	128. 60	129. 59	133. 05	130. 08	119. 11	119. 83
γ 57. 0	126. 91	216. 34	354. 07	246. 98	130. 97	111. 24	124. 68	126. 21	129. 62	126. 55	115. 54	116. 06
γ 58. 0	121. 91	205. 38	334. 83	233. 43	125. 57	107. 44	120. 98	122. 99	126. 19	122. 99	112. 07	112. 54
γ 59. 0	117. 24	195. 73	311. 84	220. 41	120. 17	103. 63	117. 45	119. 74	122. 34	119. 45	108. 69	108. 91
γ 60. 0	112. 68	186. 08	293. 27	209. 04	114. 97	99. 75	113. 93	116. 71	118. 19	116. 21	105. 36	105. 13
γ 61. 0	108. 17	176. 76	269. 30	198. 99	110. 05	95. 69	110. 42	113. 86	113. 75	113. 09	102. 01	101. 37
γ 62. 0	103. 66	168. 07	253. 45	189. 51	105. 96	91. 88	106. 99	110. 82	109. 54	109. 56	98. 72	97. 54
γ 63. 0	98. 85	159. 37	239. 67	180. 50	101. 99	87. 92	103. 83	107. 50	105. 06	105. 90	95. 58	93. 66
γ 64. 0	94. 48	150. 94	225. 94	171. 52	98. 24	84. 06	100. 75	103. 91	101. 59	101. 99	92. 48	89. 76
γ 65. 0	90. 34	143. 42	211. 13	162. 87	95. 12	80. 17	97. 68	100. 09	98. 20	98. 16	89. 46	85. 75
γ 66. 0	86. 15	137. 30	198. 75	154. 04	92. 06	76. 35	94. 72	96. 01	95. 00	94. 49	86. 53	81. 92
γ 67. 0	82. 39	131. 70	186. 52	146. 51	89. 01	72. 77	91. 67	92. 61	92. 00	90. 82	83. 78	78. 13
γ 68. 0	79. 01	127. 15	175. 13	139. 05	86. 12	69. 01	88. 85	89. 23	88. 88	87. 31	80. 88	74. 39
γ 69. 0	75. 82	122. 63	166. 24	132. 34	83. 49	65. 45	86. 04	86. 04	85. 76	84. 11	77. 83	70. 70
γ 70. 0	72. 60	117. 88	157. 65	126. 50	80. 94	61. 79	83. 25	83. 02	82. 84	80. 63	75. 03	67. 10
γ 71. 0	69. 73	114. 03	148. 79	120. 72	78. 50	58. 23	80. 41	79. 80	79. 98	77. 22	72. 17	63. 55
γ 72. 0	66. 92	110. 03	141. 87	115. 71	76. 05	54. 67	77. 67	76. 65	77. 14	73. 85	69. 13	60. 07
γ 73. 0	64. 46	106. 58	135. 85	111. 39	73. 74	51. 19	74. 98	73. 54	74. 42	70. 26	65. 99	56. 77
γ 74. 0	62. 26	103. 60	131. 36	107. 54	71. 41	47. 82	72. 09	70. 59	71. 90	66. 88	62. 78	53. 52
γ 75. 0	60. 27	100. 86	127. 27	103. 62	68. 97	44. 62	69. 21	67. 95	69. 35	63. 49	59. 88	50. 24
γ 76. 0	58. 41	98. 77	123. 80	100. 27	66. 59	41. 42	66. 47	65. 41	66. 81	60. 53	57. 13	47. 29
γ 77. 0	56. 60	96. 78	120. 59	97. 21	64. 17	38. 45	63. 60	63. 04	64. 20	57. 53	54. 46	44. 28
γ 78. 0	54. 74	95. 28	118. 37	94. 64	61. 56	35. 65	60. 58	60. 68	61. 38	54. 32	51. 52	41. 28
γ 79. 0	52. 94	93. 99	116. 80	91. 76	58. 90	32. 94	57. 45	58. 34	58. 74	51. 16	48. 59	38. 55
γ 80. 0	51. 43	92. 83	115. 38	89. 11	56. 18	30. 32	54. 28	55. 99	55. 91	48. 26	45. 51	35. 75
γ 81. 0	49. 91	91. 64	114. 23	87. 34	53. 40	27. 72	51. 26	53. 52	53. 33	45. 44	42. 38	33. 10
γ 82. 0	48. 53	90. 65	113. 15	85. 32	51. 07	25. 09	48. 34	50. 89	50. 95	42. 47	39. 44	30. 52
γ 83. 0	47. 35	89. 61	112. 09	83. 18	49. 11	22. 73	45. 51	48. 05	48. 58	39. 67	36. 60	27. 95
γ 84. 0	46. 30	88. 44	111. 19	81. 68	46. 48	20. 43	42. 83	45. 47	46. 22	37. 23	33. 23	25. 28
γ 85. 0	45. 15	87. 14	110. 15	80. 49	43. 80	18. 08	40. 39	42. 93	43. 64	35. 00	29. 81	22. 84
γ 86. 0	43. 81	85. 77	109. 12	79. 45	41. 48	16. 10	37. 80	40. 35	41. 29	32. 91	26. 68	20. 39
γ 87. 0	42. 71	84. 54	107. 98	78. 46	38. 81	14. 02	34. 96	37. 70	38. 91	30. 97	23. 82	17. 94
γ 88. 0	41. 49	83. 24	106. 86	77. 29	35. 85	12. 57	32. 32	34. 82	36. 65	29. 18	21. 26	15. 60
γ 89. 0	39. 88	81. 81	105. 36	76. 25	33. 34	11. 51	29. 49	32. 17	34. 77	27. 48	18. 81	13. 14
γ 90. 0	38. 53	80. 23	103. 68	74. 89	30. 95	10. 48	26. 56	30. 06	32. 88	25. 82	16. 57	11. 02
γ 91. 0	36. 88	78. 65	101. 73	73. 47	28. 48	9. 47	23. 83	27. 89	31. 04	24. 16	14. 64	9. 33
γ 92. 0	35. 12	77. 04	99. 61	72. 08	26. 30	8. 27	21. 28	25. 75	29. 36	22. 67	12. 81	7. 47
γ 93. 0	33. 21	75. 42	97. 46	70. 51	24. 15	7. 14	18. 78	23. 61	27. 50	21. 15	11. 14	5. 93



**Photometric Filename:SL-T12-2400-A-15X45D-6000K.IES**

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ 94.0	31.60	73.64	95.08	68.89	22.59	6.29	16.66	21.40	25.64	19.68	9.48	4.63
γ 95.0	30.00	71.74	92.65	67.25	21.29	5.45	14.58	19.19	23.97	18.33	8.04	3.52
γ 96.0	28.60	69.89	90.10	65.48	20.36	4.66	12.48	17.16	22.38	16.88	6.65	2.70
γ 97.0	27.21	68.01	87.37	63.69	19.45	3.93	10.49	15.33	20.89	15.67	5.65	1.95
γ 98.0	25.84	66.21	84.73	62.02	18.65	3.21	8.53	13.75	19.53	14.36	4.97	1.48
γ 99.0	24.57	64.45	82.18	60.37	18.12	2.59	6.58	12.21	18.33	13.19	4.31	1.12
γ 100.0	23.37	62.67	79.72	58.95	17.66	1.94	4.81	11.16	17.24	12.13	3.72	0.95
γ 101.0	22.26	61.00	77.47	57.45	17.17	1.23	3.24	10.32	16.20	11.16	3.05	0.68
γ 102.0	21.20	59.53	75.39	56.17	16.86	0.38	2.05	9.77	15.26	10.25	2.52	0.45
γ 103.0	19.91	58.19	72.75	55.00	16.55	0.00	1.52	9.31	14.40	9.42	1.97	0.24
γ 104.0	18.49	56.85	69.62	53.90	16.44	0.00	1.21	8.82	13.60	8.70	1.55	0.09
γ 105.0	17.50	55.81	66.22	53.10	16.37	0.00	1.03	8.42	12.97	8.14	1.27	0.00
γ 106.0	16.94	54.55	62.07	52.26	16.21	0.00	1.00	8.08	12.28	7.63	0.92	0.00
γ 107.0	16.68	53.49	59.46	51.60	16.15	0.00	0.94	7.81	11.66	7.25	0.82	0.00
γ 108.0	16.89	52.58	58.46	50.95	16.12	0.00	0.95	7.45	10.94	6.78	0.75	0.00
γ 109.0	17.47	51.53	58.59	50.13	16.09	0.00	0.90	7.15	9.97	6.47	0.72	0.00
γ 110.0	17.71	50.32	59.78	48.89	15.95	0.00	0.96	6.98	8.73	6.15	0.71	0.00
γ 111.0	17.38	48.79	60.19	47.67	15.96	0.00	0.94	6.75	7.93	6.03	0.78	0.00
γ 112.0	17.02	47.55	60.12	46.63	15.96	0.00	0.97	6.66	7.55	5.71	0.75	0.00
γ 113.0	16.66	46.23	59.33	45.76	15.88	0.00	1.00	6.58	7.61	5.58	0.76	0.00
γ 114.0	16.40	44.72	58.85	44.78	15.85	0.00	1.13	6.47	7.91	5.44	0.87	0.00
γ 115.0	15.95	43.56	57.96	44.03	15.83	0.00	1.18	6.45	8.14	5.35	0.83	0.00
γ 116.0	15.68	42.77	57.40	42.94	15.74	0.01	1.16	6.35	8.16	5.19	0.89	0.00
γ 117.0	15.23	41.67	57.32	41.51	15.65	0.21	1.19	6.36	8.06	5.14	0.88	0.06
γ 118.0	14.91	40.33	57.19	40.25	15.66	0.36	1.42	6.42	7.95	5.07	0.99	0.07
γ 119.0	14.54	39.10	56.42	39.11	15.60	0.57	1.49	6.35	7.93	4.96	1.06	0.12
γ 120.0	14.13	37.59	55.97	38.38	15.53	0.68	1.53	6.47	8.05	4.93	1.11	0.22
γ 121.0	13.64	36.61	56.06	37.89	15.29	0.92	1.72	6.50	8.02	4.78	1.20	0.28
γ 122.0	12.89	35.76	56.51	36.82	15.05	1.11	1.89	6.57	7.96	4.77	1.18	0.26
γ 123.0	12.05	33.94	56.72	35.35	14.62	1.20	2.07	6.63	7.92	4.72	1.29	0.43
γ 124.0	11.13	33.23	56.87	33.96	14.09	1.3						

# IES Indoor Report

**Photometric Filename:SL-T12-2400-A-15X45D-6000K.IES**

## Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ 141.0	9.24	21.21	33.91	23.51	7.95	3.87	6.60	9.06	7.73	4.34	2.32	2.46
γ 142.0	9.53	20.31	32.88	22.63	8.03	3.88	6.91	9.23	7.73	4.42	2.41	2.53
γ 143.0	9.73	19.58	31.48	21.80	8.14	4.07	7.32	9.33	7.70	4.47	2.55	2.60
γ 144.0	10.04	18.89	29.70	20.85	8.31	4.17	7.64	9.61	7.58	4.50	2.63	2.70
γ 145.0	10.33	18.28	28.13	20.12	8.32	4.28	8.12	9.75	7.60	4.52	2.80	2.77
γ 146.0	10.56	17.83	26.71	19.46	8.44	4.39	8.51	9.85	7.60	4.51	2.88	2.98
γ 147.0	10.82	17.26	25.29	19.02	8.41	4.46	8.85	10.03	7.54	4.47	2.97	3.02
γ 148.0	11.06	16.76	24.07	18.38	8.49	4.61	9.28	10.22	7.52	4.52	3.03	3.06
γ 149.0	11.35	16.19	23.03	17.77	8.51	4.72	9.64	10.33	7.49	4.49	3.04	3.10
γ 150.0	11.62	15.58	22.06	17.18	8.47	4.76	10.02	10.49	7.45	4.51	3.09	3.30
γ 151.0	11.90	15.00	21.00	16.82	8.43	4.84	10.36	10.58	7.35	4.50	3.14	3.28
γ 152.0	12.12	14.45	19.89	16.46	8.21	4.87	10.72	10.75	7.20	4.61	3.25	3.37
γ 153.0	12.47	14.07	19.11	16.13	8.01	4.90	11.08	10.90	7.16	4.59	3.36	3.45
γ 154.0	12.77	13.89	18.32	15.84	7.71	4.94	11.44	10.94	7.08	4.69	3.48	3.53
γ 155.0	13.06	14.26	17.65	15.63	7.49	5.11	11.70	11.05	7.06	4.77	3.54	3.66
γ 156.0	13.39	14.94	17.17	15.28	7.33	5.19	12.03	11.12	7.13	4.82	3.60	3.68
γ 157.0	13.68	15.43	16.68	15.09	7.12	5.13	12.33	11.19	7.16	4.91	3.67	3.75
γ 158.0	13.96	15.54	16.10	14.76	6.99	5.28	12.66	11.24	7.24	5.16	3.75	3.75
γ 159.0	14.25	15.53	15.55	14.38	6.94	5.41	12.91	11.28	7.36	5.24	3.82	3.88
γ 160.0	14.51	15.54	15.37	13.84	6.83	5.44	13.11	11.23	7.42	5.43	4.06	3.98
γ 161.0	14.76	15.50	15.57	13.64	6.74	5.56	13.44	11.35	7.57	5.66	4.17	4.00
γ 162.0	15.02	15.42	15.59	13.12	6.78	5.60	13.60	11.39	7.73	5.86	4.20	4.09
γ 163.0	15.24	15.44	15.58	12.48	6.71	5.64	13.85	11.50	7.84	6.09	4.21	4.18
γ 164.0	15.52	15.45	15.46	11.71	6.68	5.68	14.05	11.45	8.04	6.16	4.34	4.26
γ 165.0	15.82	15.37	15.22	10.98	6.61	5.68	14.22	11.41	8.16	6.41	4.38	4.30
γ 166.0	16.00	15.31	14.82	10.02	6.63	5.66	14.37	11.30	8.31	6.53	4.51	4.35
γ 167.0	16.18	15.19	14.25	8.91	6.52	5.71	14.51	11.30	8.23	6.63	4.54	4.42
γ 168.0	16.53	15.09	13.92	7.89	6.55	5.68	14.68	11.16	7.99	6.75	4.69	4.46
γ 169.0	16.69	15.08	13.52	7.33	6.47	5.93	14.80	11.10	7.75	6.96	4.88	4.58
γ 170.0	16.96	14.90	13.12	7.20	6.44	6.30	14.89	10.90	7.48	7.14	5.08	4.83
γ 171.0	17.16	14.82	12.81	7.09	6.56	6.79	15.04	10.85	7.29	7.30	5.43	5.17
γ 172.0	17.33	14.78	12.49	6.98	6.76	7.33	15.35	10.80	7.27	7.50	5.75	5.50
γ 173.0	17.58	14.66	12.05	6.83	7.29	7.84	15.75	10.74	7.29	7.73	6.12	5.95
γ 174.0	17.68	14.57	11.54	6.74	7.89	8.31	16.12	10.70	7.27	7.94	6.53	6.45
γ 175.0	17.85	14.44	10.91	6.71	8.49	8.76	16.63	10.84	7.28	8.14	7.02	7.07
γ 176.0	17.97	14.37	10.20	6.79	9.18	9.12	17.09	11.21	7.26	8.31	7.41	7.51
γ 177.0	18.02	14.17	8.84	6.89	9.50	9.26	17.49	11.74	7.19	8.43	7.86	7.93
γ 178.0	18.11	13.98	7.93	7.27	9.50	9.25	17.92	12.30	7.26	8.62	8.28	8.39
γ 179.0	18.14	13.89	7.32	7.82	9.33	9.13	18.14	12.88	7.18	8.50	8.80	8.77
γ 180.0	11.86	11.86	11.86	11.86	11.86	11.86	11.86	11.86	11.86	11.86	11.86	11.86