

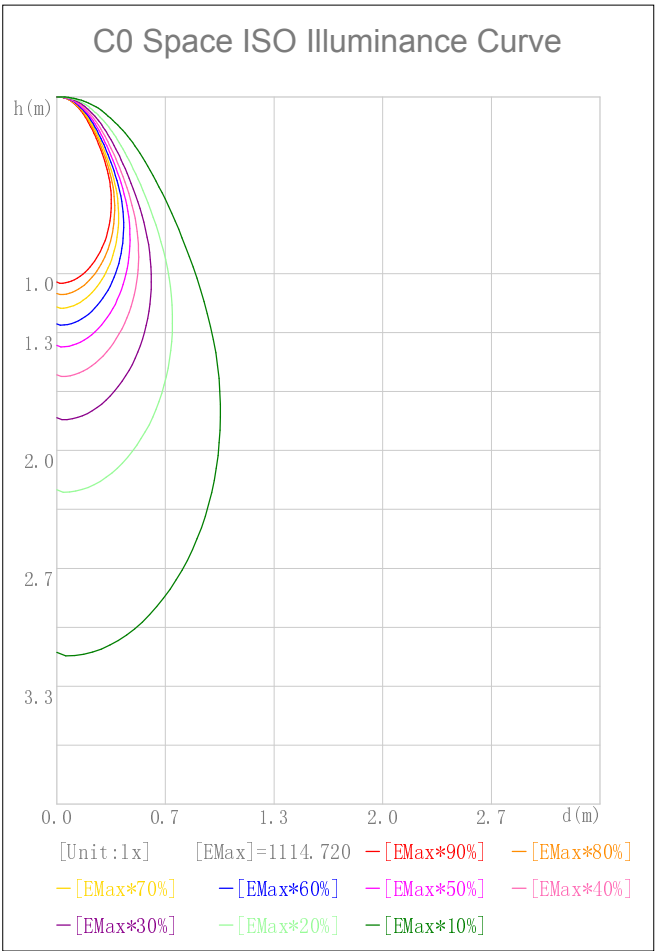
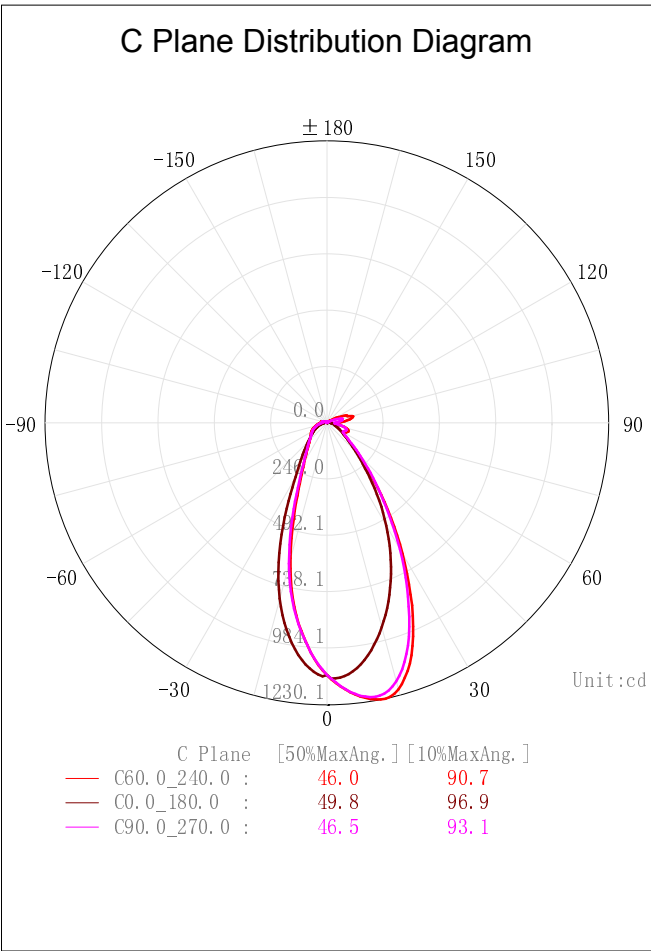
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 55252		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2021/12/27
Manufacture:		Shld. Ang(°):1560	Test Machine:GON-2000
Test Lab:		Frequency (Hz):	Lamp CCT(K): 2700 Ra: 80
Lum. Size(W*L*H):0.050m*-0.050m*0.000m		Lum. Area(m2):0.002	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp. (°C): 25	Humidity(%):

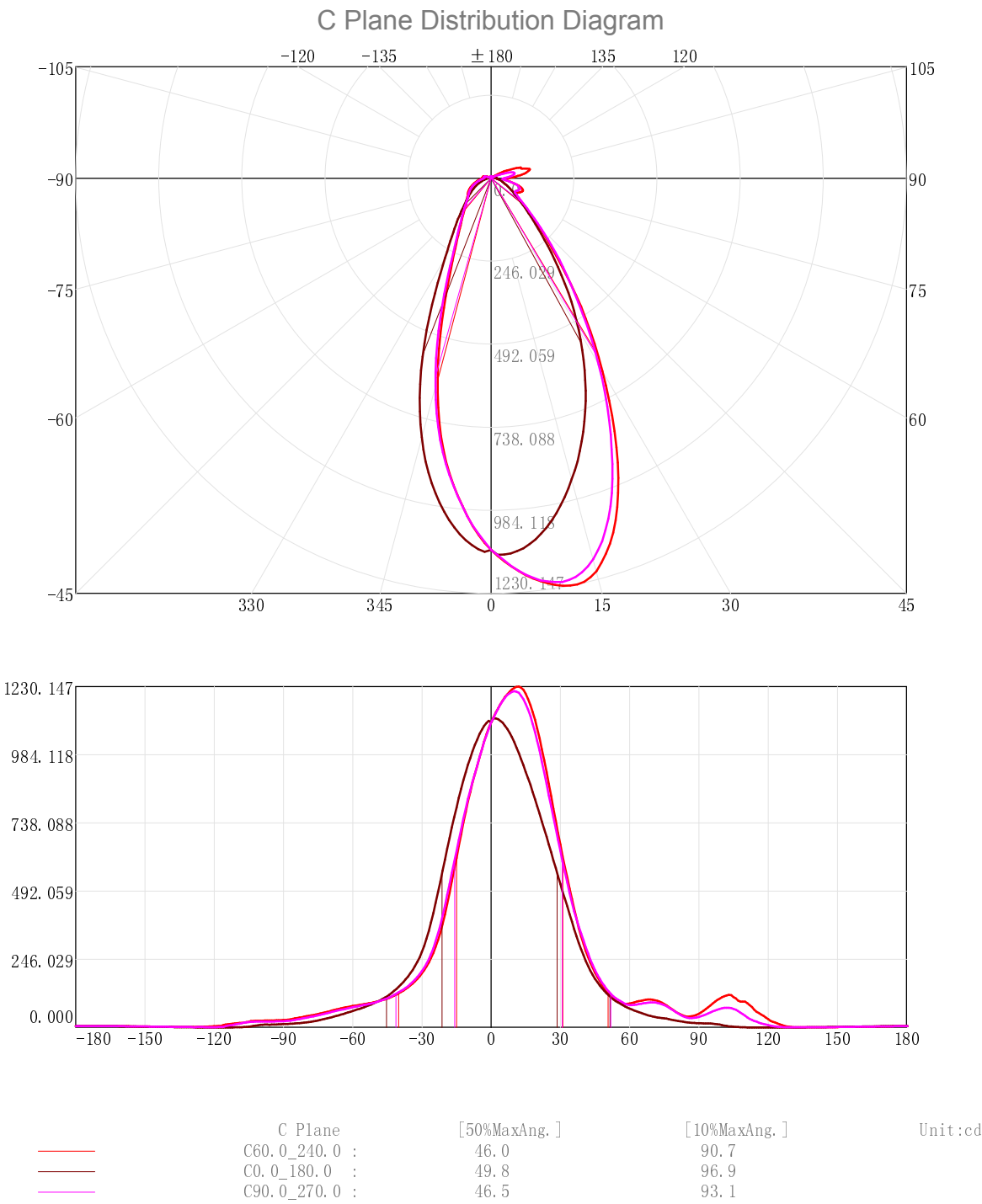
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 1000.000	Luminary Flux(lm): 1181.652	Field Angle(10%Imax): 90.7(°)
Rated Power(W):	Luminary Efficiency: 118.17%	Down Lumens&Percent: 1110.331lm 93.96%
Rated Voltage(V):	Luminary EER(lm/W): 47.022	Up Lumens&Percent: 71.322lm 6.04%
Tested Power(W): 25.130	Max. Candela(cd): 1230.147	S/MH: C0_a180=0.771 C90_270=0.780
Lamps' Inside: 1	Max Cand@Ang. (°): C=60.0 γ=12.0	CIE Type: Semi-Direct
Tested Electrics(V, A, pf):23.7, 1.060	Beam Angle(50%Imax): 46.0(°)	ErP Φ use(90°): 841.741lm
Lamp Size(W*L*H):0.050m*-0.050m*0.000m	Left=-14.9°, Right=31.1°	IRF(%): 249.323



2D Plane Light Intensity Distribution Curve

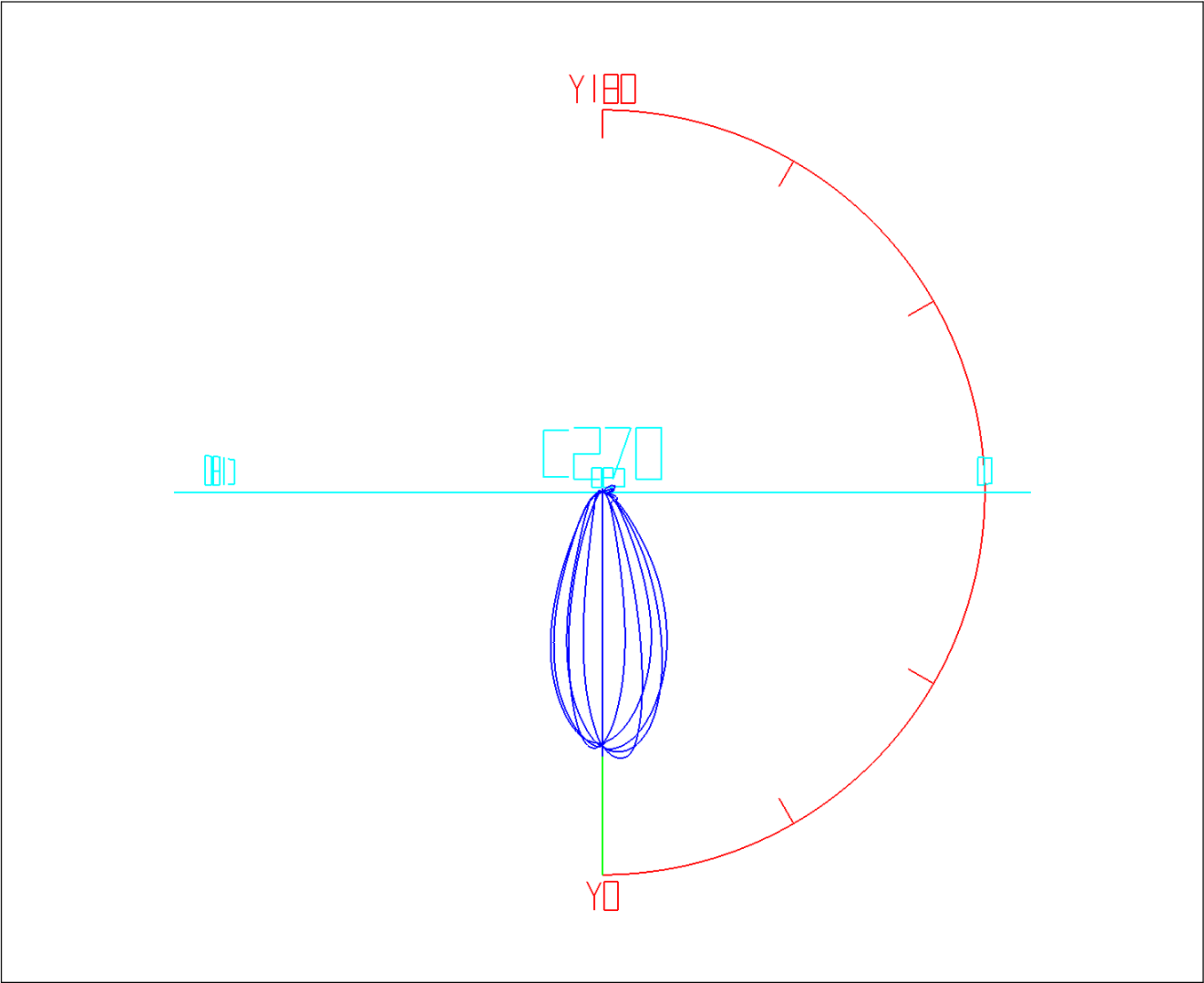
Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2021/12/27



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: 2021/12/27

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-2700K-15x60D.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	1.05	1.05	0.11	0.11	47.0-48.0	10.32	877.81	1.03	87.78
1.0-2.0	3.15	4.20	0.31	0.42	48.0-49.0	9.88	887.69	0.99	88.77
2.0-3.0	5.22	9.42	0.52	0.94	49.0-50.0	9.48	897.16	0.95	89.72
3.0-4.0	7.27	16.69	0.73	1.67	50.0-51.0	9.10	906.27	0.91	90.63
4.0-5.0	9.27	25.96	0.93	2.60	51.0-52.0	8.76	915.02	0.88	91.50
5.0-6.0	11.21	37.17	1.12	3.72	52.0-53.0	8.44	923.47	0.84	92.35
6.0-7.0	13.09	50.26	1.31	5.03	53.0-54.0	8.15	931.62	0.81	93.16
7.0-8.0	14.90	65.16	1.49	6.52	54.0-55.0	7.88	939.50	0.79	93.95
8.0-9.0	16.62	81.78	1.66	8.18	55.0-56.0	7.63	947.13	0.76	94.71
9.0-10.0	18.25	100.03	1.82	10.00	56.0-57.0	7.40	954.53	0.74	95.45
10.0-11.0	19.76	119.79	1.98	11.98	57.0-58.0	7.20	961.73	0.72	96.17
11.0-12.0	21.16	140.95	2.12	14.10	58.0-59.0	7.01	968.74	0.70	96.87
12.0-13.0	22.42	163.37	2.24	16.34	59.0-60.0	6.84	975.58	0.68	97.56
13.0-14.0	23.53	186.90	2.35	18.69	60.0-61.0	6.70	982.28	0.67	98.23
14.0-15.0	24.49	211.39	2.45	21.14	61.0-62.0	6.58	988.86	0.66	98.89
15.0-16.0	25.30	236.69	2.53	23.67	62.0-63.0	6.47	995.33	0.65	99.53
16.0-17.0	25.95	262.64	2.60	26.26	63.0-64.0	6.37	1001.70	0.64	100.17
17.0-18.0	26.44	289.08	2.64	28.91	64.0-65.0	6.28	1007.98	0.63	100.80
18.0-19.0	26.78	315.86	2.68	31.59	65.0-66.0	6.18	1014.16	0.62	101.42
19.0-20.0	26.96	342.82	2.70	34.28	66.0-67.0	6.08	1020.24	0.61	102.02
20.0-21.0	27.00	369.82	2.70	36.98	67.0-68.0	5.96	1026.20	0.60	102.62
21.0-22.0	26.89	396.71	2.69	39.67	68.0-69.0	5.84	1032.04	0.58	103.20
22.0-23.0	26.66	423.37	2.67	42.34	69.0-70.0	5.70	1037.75	0.57	103.77
23.0-24.0	26.31	449.68	2.63	44.97	70.0-71.0	5.55	1043.29	0.55	104.33
24.0-25.0	25.86	475.54	2.59	47.55	71.0-72.0	5.38	1048.67	0.54	104.87
25.0-26.0	25.34	500.88	2.53	50.09	72.0-73.0	5.20	1053.87	0.52	105.39
26.0-27.0	24.76	525.64	2.48	52.56	73.0-74.0	5.01	1058.87	0.50	105.89
27.0-28.0	24.13	549.77	2.41	54.98	74.0-75.0	4.81	1063.68	0.48	106.37
28.0-29.0	23.45	573.23	2.35	57.32	75.0-76.0	4.59	1068.27	0.46	106.83
29.0-30.0	22.73	595.96	2.27	59.60	76.0-77.0	4.35	1072.62	0.44	107.26
30.0-31.0	21.98	617.94	2.20	61.79	77.0-78.0	4.10	1076.72	0.41	107.67
31.0-32.0	21.21	639.15	2.12	63.91	78.0-79.0	3.84	1080.56	0.38	108.06
32.0-33.0	20.42	659.57	2.04	65.96	79.0-80.0	3.58	1084.14	0.36	108.41
33.0-34.0	19.62	679.18	1.96	67.92	80.0-81.0	3.34	1087.48	0.33	108.75
34.0-35.0	18.81	698.00	1.88	69.80	81.0-82.0	3.11	1090.59	0.31	109.06
35.0-36.0	18.01	716.01	1.80	71.60	82.0-83.0	2.89	1093.49	0.29	109.35
36.0-37.0	17.22	733.23	1.72	73.32	83.0-84.0	2.70	1096.18	0.27	109.62
37.0-38.0	16.45	749.67	1.64	74.97	84.0-85.0	2.52	1098.71	0.25	109.87
38.0-39.0	15.70	765.37	1.57	76.54	85.0-86.0	2.39	1101.10	0.24	110.11
39.0-40.0	14.98	780.35	1.50	78.04	86.0-87.0	2.32	1103.42	0.23	110.34
40.0-41.0	14.29	794.64	1.43	79.46	87.0-88.0	2.29	1105.70	0.23	110.57
41.0-42.0	13.61	808.25	1.36	80.83	88.0-89.0	2.30	1108.00	0.23	110.80
42.0-43.0	12.97	821.22	1.30	82.12	89.0-90.0	2.33	1110.33	0.23	111.03
43.0-44.0	12.37	833.60	1.24	83.36	90.0-91.0	2.39	1112.72	0.24	111.27
44.0-45.0	11.81	845.41	1.18	84.54	91.0-92.0	2.46	1115.18	0.25	111.52
45.0-46.0	11.29	856.69	1.13	85.67	92.0-93.0	2.55	1117.73	0.25	111.77
46.0-47.0	10.79	867.48	1.08	86.75	93.0-94.0	2.65	1120.38	0.26	112.04

Base C

IES Indoor Report

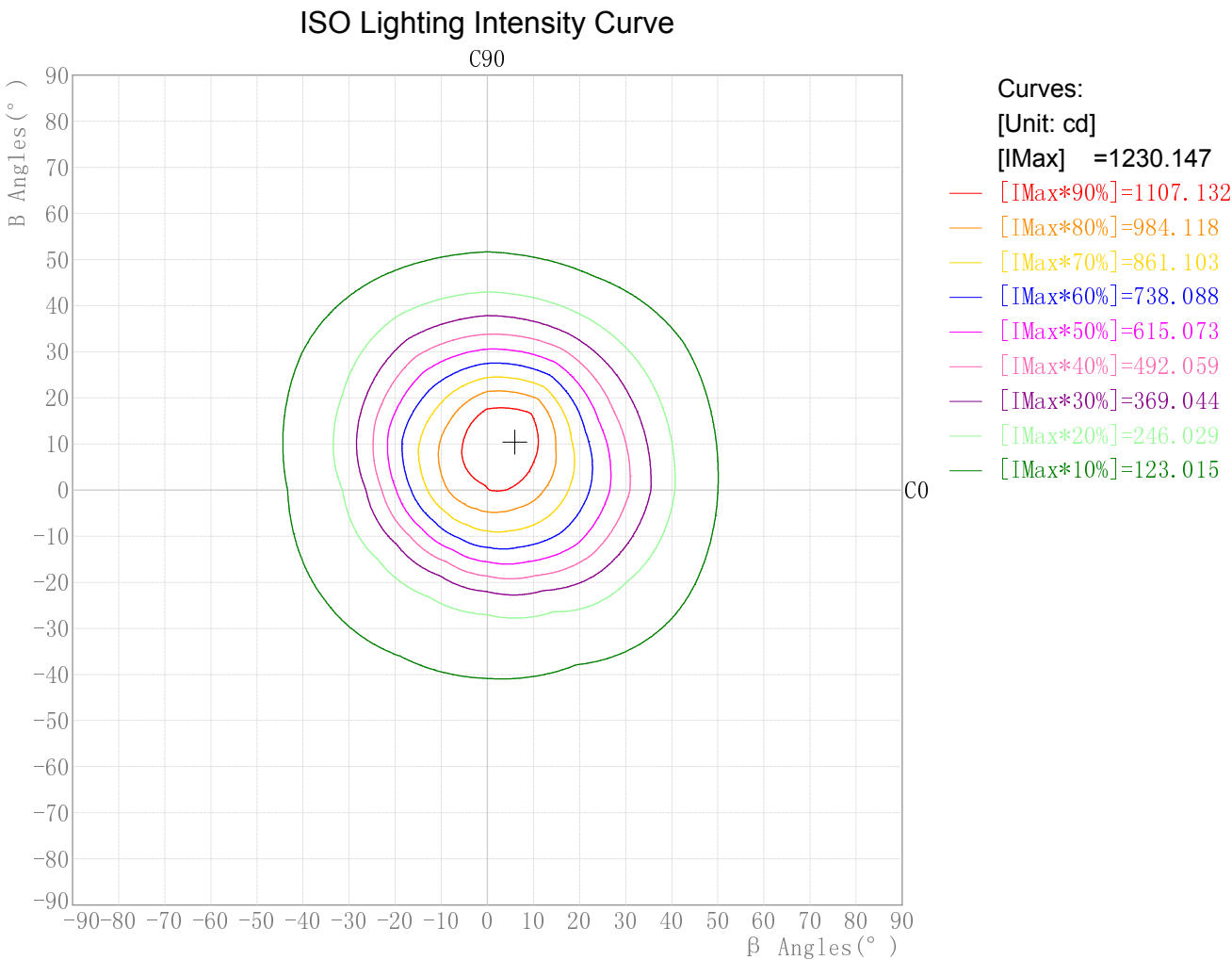
Photometric Filename:SL-T12-2400-A-2700K-15x60D.IES

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	2.75	1123.13	0.28	112.31	141.0-142.0	0.11	1177.68	0.01	117.77
95.0-96.0	2.86	1125.99	0.29	112.60	142.0-143.0	0.11	1177.79	0.01	117.78
96.0-97.0	2.97	1128.96	0.30	112.90	143.0-144.0	0.11	1177.90	0.01	117.79
97.0-98.0	3.06	1132.02	0.31	113.20	144.0-145.0	0.12	1178.02	0.01	117.80
98.0-99.0	3.13	1135.15	0.31	113.51	145.0-146.0	0.12	1178.14	0.01	117.81
99.0-100.0	3.17	1138.32	0.32	113.83	146.0-147.0	0.13	1178.27	0.01	117.83
100.0-101.0	3.18	1141.49	0.32	114.15	147.0-148.0	0.13	1178.39	0.01	117.84
101.0-102.0	3.16	1144.65	0.32	114.46	148.0-149.0	0.13	1178.53	0.01	117.85
102.0-103.0	3.11	1147.76	0.31	114.78	149.0-150.0	0.13	1178.66	0.01	117.87
103.0-104.0	3.02	1150.78	0.30	115.08	150.0-151.0	0.14	1178.80	0.01	117.88
104.0-105.0	2.86	1153.64	0.29	115.36	151.0-152.0	0.14	1178.94	0.01	117.89
105.0-106.0	2.66	1156.30	0.27	115.63	152.0-153.0	0.14	1179.08	0.01	117.91
106.0-107.0	2.45	1158.75	0.25	115.88	153.0-154.0	0.14	1179.22	0.01	117.92
107.0-108.0	2.24	1160.99	0.22	116.10	154.0-155.0	0.14	1179.36	0.01	117.94
108.0-109.0	2.05	1163.04	0.21	116.30	155.0-156.0	0.14	1179.50	0.01	117.95
109.0-110.0	1.90	1164.94	0.19	116.49	156.0-157.0	0.14	1179.64	0.01	117.96
110.0-111.0	1.72	1166.66	0.17	116.67	157.0-158.0	0.14	1179.78	0.01	117.98
111.0-112.0	1.53	1168.19	0.15	116.82	158.0-159.0	0.14	1179.92	0.01	117.99
112.0-113.0	1.35	1169.54	0.13	116.95	159.0-160.0	0.14	1180.06	0.01	118.01
113.0-114.0	1.17	1170.71	0.12	117.07	160.0-161.0	0.13	1180.19	0.01	118.02
114.0-115.0	1.01	1171.72	0.10	117.17	161.0-162.0	0.13	1180.32	0.01	118.03
115.0-116.0	0.86	1172.58	0.09	117.26	162.0-163.0	0.13	1180.45	0.01	118.05
116.0-117.0	0.73	1173.31	0.07	117.33	163.0-164.0	0.12	1180.57	0.01	118.06
117.0-118.0	0.62	1173.93	0.06	117.39	164.0-165.0	0.12	1180.69	0.01	118.07
118.0-119.0	0.53	1174.46	0.05	117.45	165.0-166.0	0.11	1180.81	0.01	118.08
119.0-120.0	0.44	1174.90	0.04	117.49	166.0-167.0	0.11	1180.92	0.01	118.09
120.0-121.0	0.36	1175.26	0.04	117.53	167.0-168.0	0.10	1181.02	0.01	118.10
121.0-122.0	0.30	1175.56	0.03	117.56	168.0-169.0	0.10	1181.11	0.01	118.11
122.0-123.0	0.25	1175.81	0.03	117.58	169.0-170.0	0.09	1181.20	0.01	118.12
123.0-124.0	0.21	1176.02	0.02	117.60	170.0-171.0	0.08	1181.29	0.01	118.13
124.0-125.0	0.17	1176.19	0.02	117.62	171.0-172.0	0.07	1181.36	0.01	118.14
125.0-126.0	0.14	1176.33	0.01	117.63	172.0-173.0	0.07	1181.43	0.01	118.14
126.0-127.0	0.11	1176.44	0.01	117.64	173.0-174.0	0.06	1181.49	0.01	118.15
127.0-128.0	0.09	1176.53	0.01	117.65	174.0-175.0	0.05	1181.54	0.01	118.15
128.0-129.0	0.08	1176.61	0.01	117.66	175.0-176.0	0.04	1181.58	0.00	118.16
129.0-130.0	0.07	1176.68	0.01	117.67	176.0-177.0	0.03	1181.61	0.00	118.16
130.0-131.0	0.07	1176.74	0.01	117.67	177.0-178.0	0.02	1181.63	0.00	118.16
131.0-132.0	0.07	1176.81	0.01	117.68	178.0-179.0	0.01	1181.65	0.00	118.16
132.0-133.0	0.07	1176.88	0.01	117.69	179.0-180.0	0.00	1181.65	0.00	118.17
133.0-134.0	0.07	1176.95	0.01	117.69					
134.0-135.0	0.07	1177.02	0.01	117.70					
135.0-136.0	0.08	1177.10	0.01	117.71					
136.0-137.0	0.08	1177.19	0.01	117.72					
137.0-138.0	0.09	1177.27	0.01	117.73					
138.0-139.0	0.09	1177.37	0.01	117.74					
139.0-140.0	0.10	1177.47	0.01	117.75					
140.0-141.0	0.10	1177.57	0.01	117.76					

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: 2021/12/27



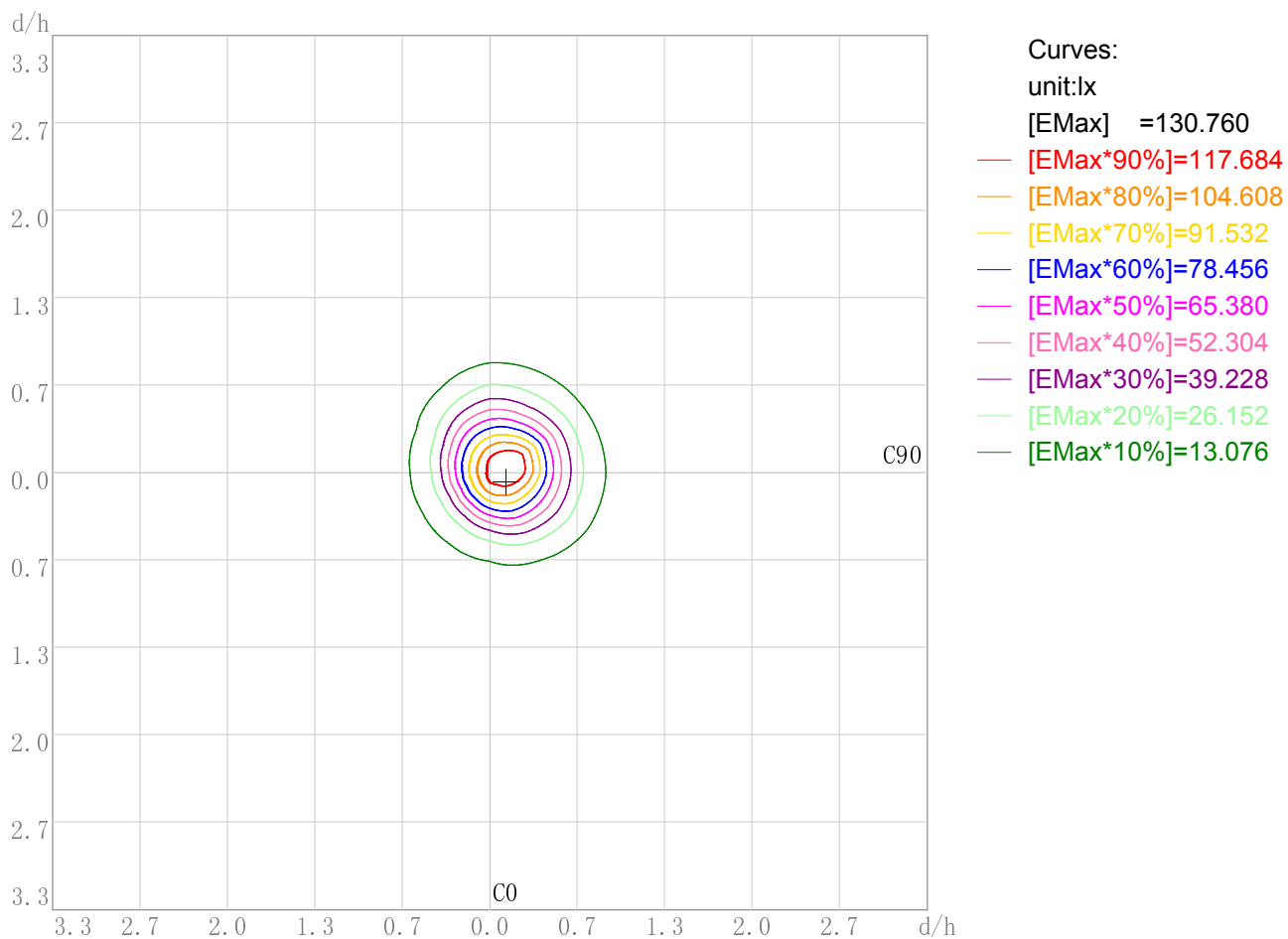
IES Indoor Report

Photometric Filename:SL-T12-2400-A-2700K-15x60D.IES

Plane ISO-Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/12/27

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

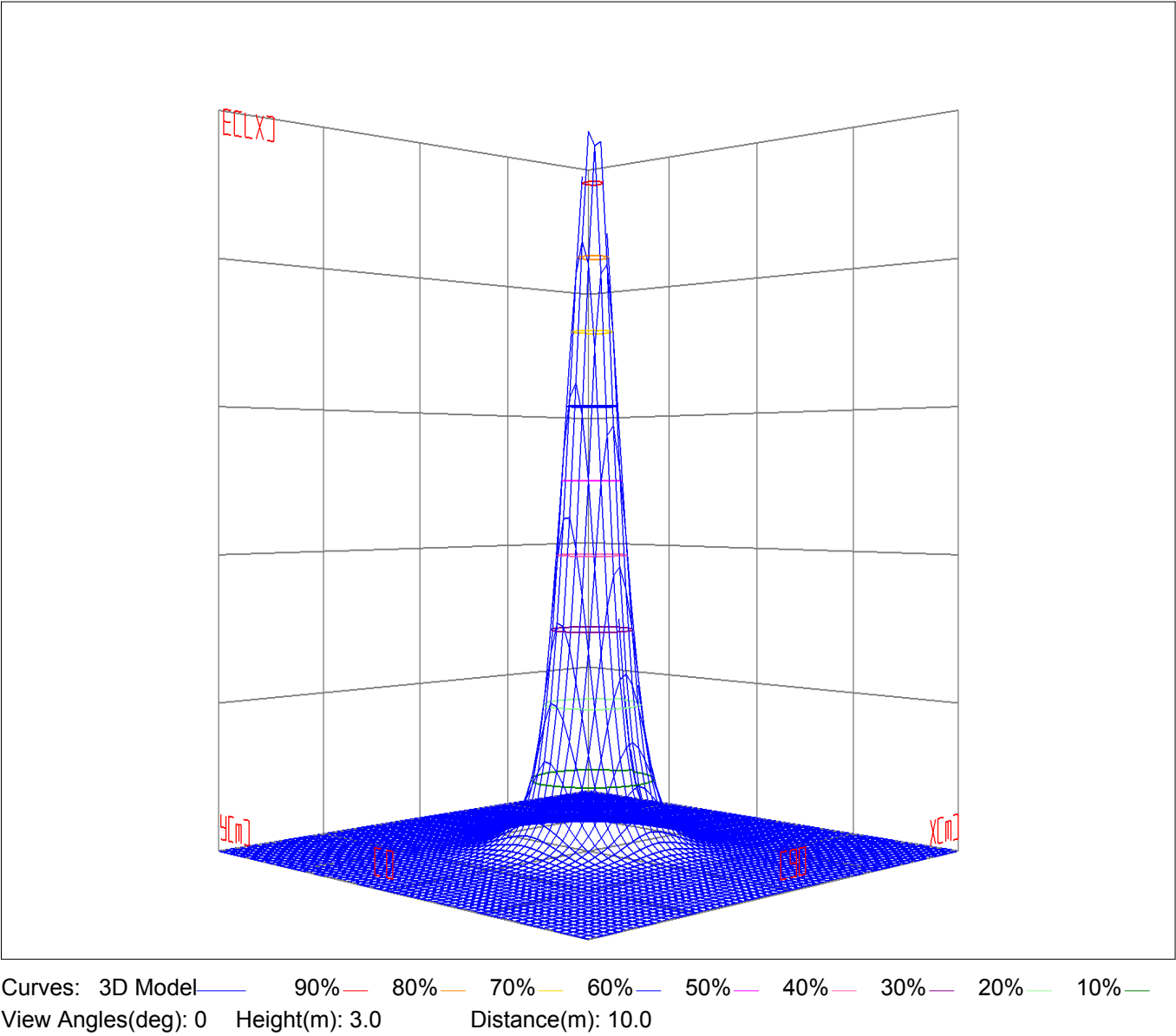
Working Plane Maximum Illuminance(lx): 130.76

Working Plane Maximum Illuminance Position(d/h):H0.1 V0.1

3D Plane ISO Illuminance Diagram

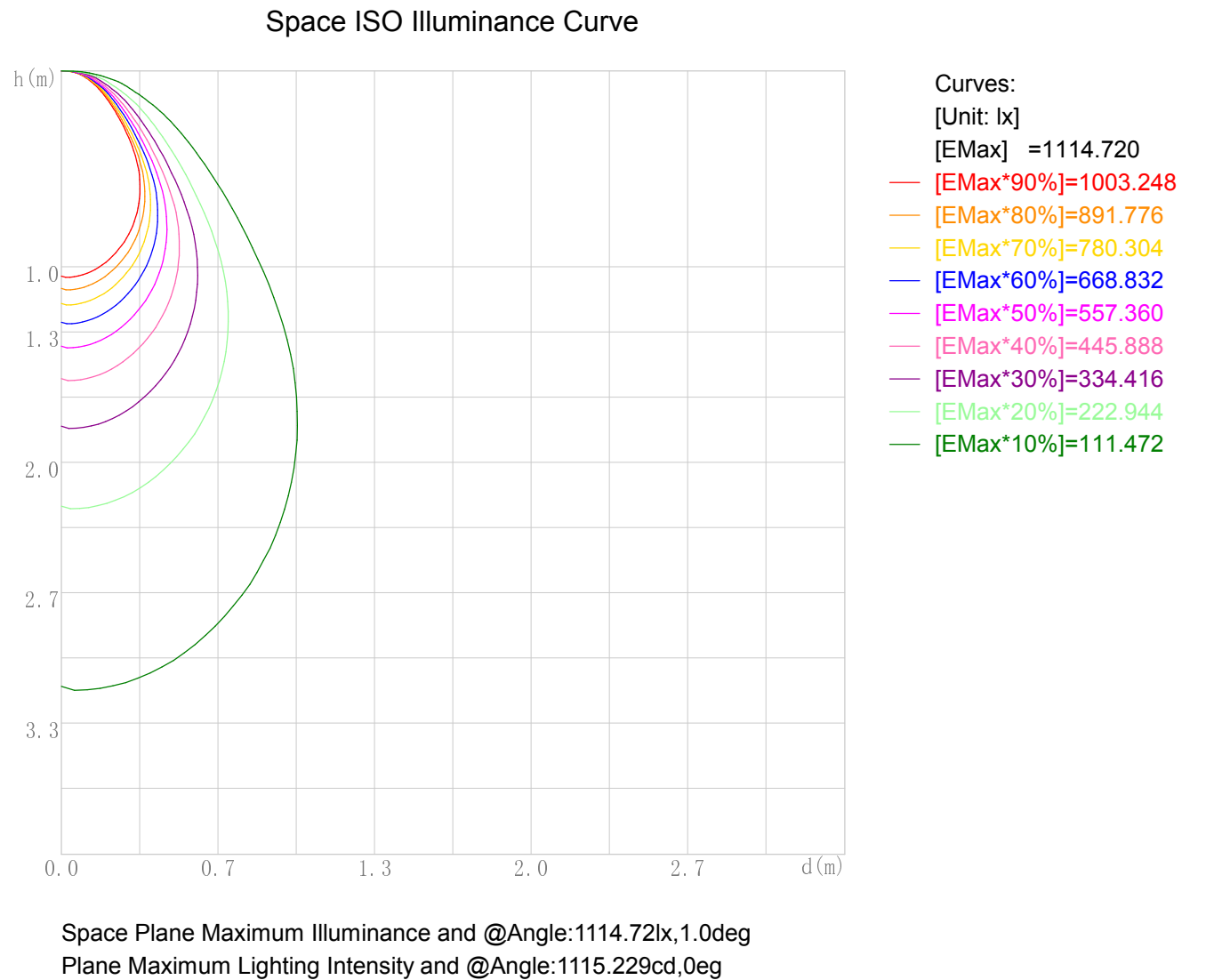
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/12/27

3D Plane Illuminance Modal



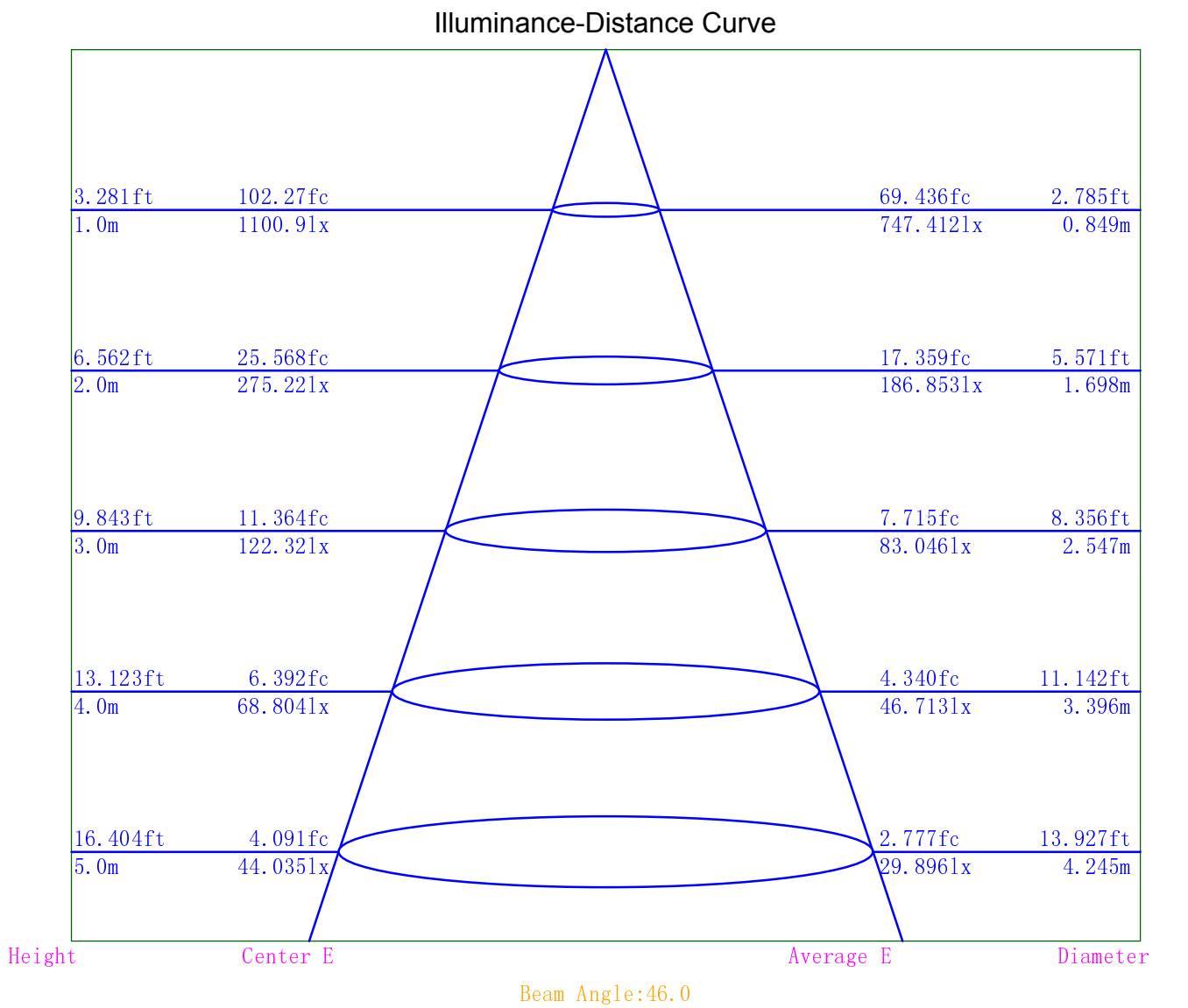
Space ISO Illuminance Diagram

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/12/27



Illuminance-Distance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/12/27



Indoor Luminance Limiting Curves

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/12/27

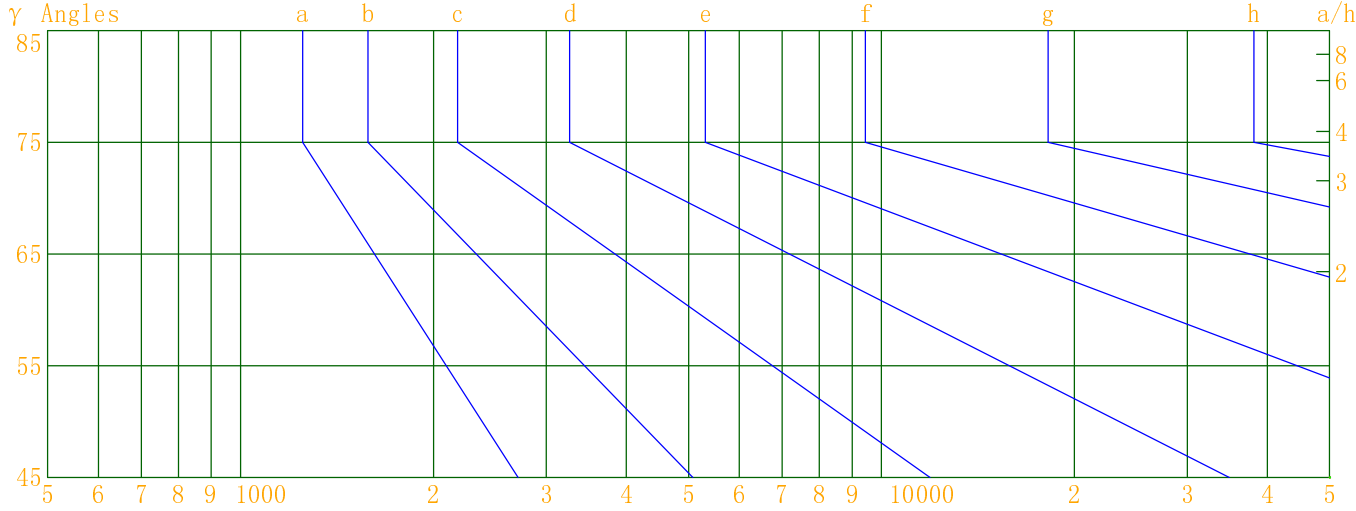
Glare Grade Table

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	127065	97681	80033	69676	63340	59517	65556	74009	106393
C90	149538	110497	88757	82643	103658	135279	158490	162196	204266

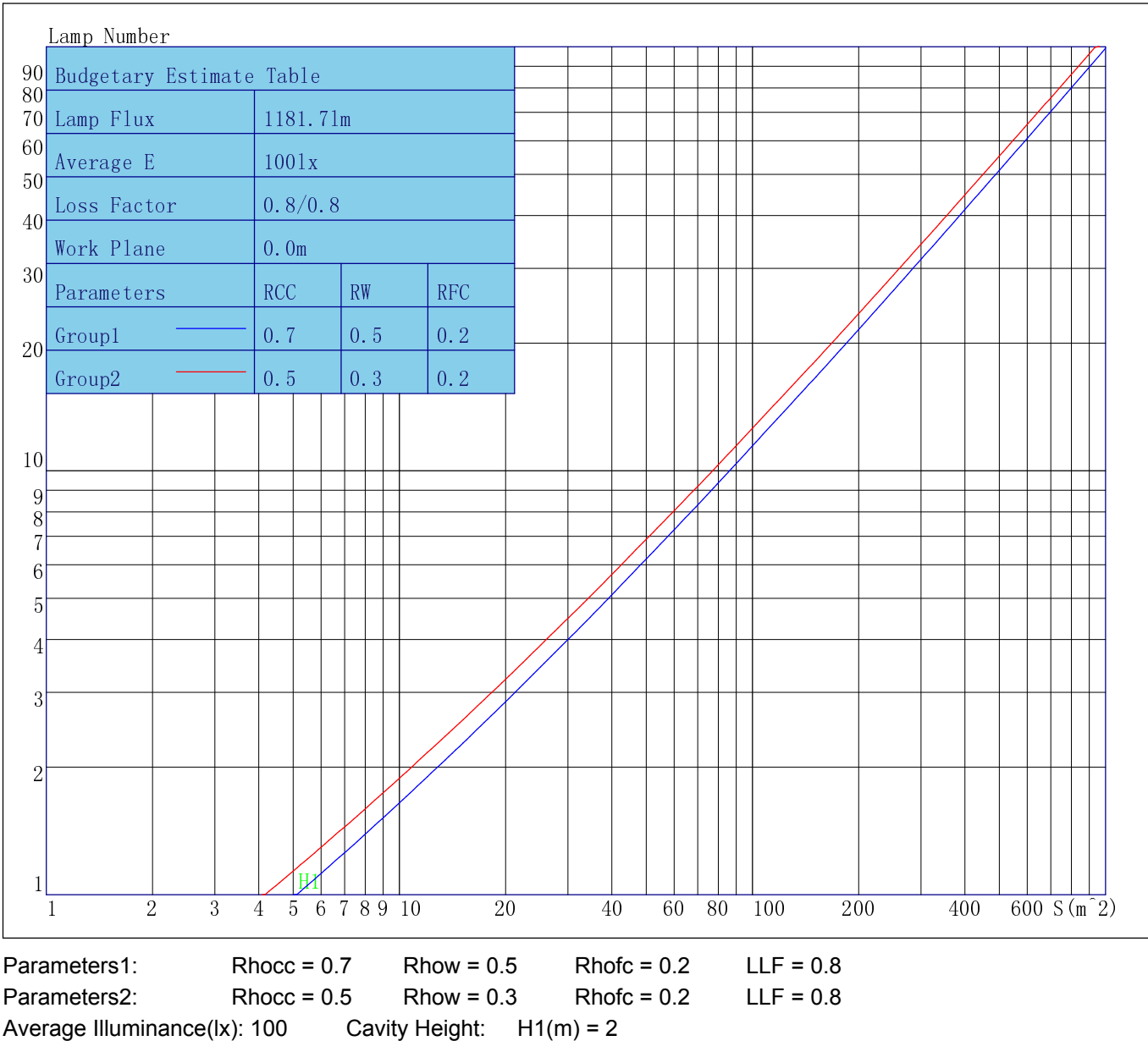
Luminance Limiting Curve



Luminous Size: Length(m)=-0.050 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963
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: 2021/12/27



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: 2021/12/27

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	139	139	139	139	135	135	135	135	127	127	127	120	120	120	114	114	114	111
1	129	125	120	117	125	121	117	114	115	112	109	109	107	105	104	102	100	98
2	120	112	106	101	117	110	104	99	105	100	96	100	96	92	95	92	89	87
3	112	102	95	89	109	100	93	87	96	90	85	92	87	83	88	84	80	78
4	105	94	85	79	102	92	84	78	88	82	76	85	79	75	82	77	73	71
5	99	86	78	72	96	85	77	71	82	75	70	79	73	68	76	71	67	65
6	93	80	71	65	90	79	71	65	76	69	64	74	67	63	71	66	62	59
7	88	74	66	60	85	73	65	60	71	64	59	69	63	58	67	61	57	55
8	83	70	61	56	81	69	61	55	67	60	55	65	58	54	63	57	53	51
9	78	65	57	52	77	64	57	51	63	56	51	61	55	50	59	54	50	48
10	74	61	53	48	73	61	53	48	59	52	48	58	51	47	56	51	47	45

Unified Glare Rating Table

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/12/27

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	25.3	26.6	25.7	27.1	27.5	26.3	27.7	26.8	28.1	28.6
	Y=3H	26.3	27.6	26.8	28.0	28.5	28.3	29.6	28.8	30.1	30.6
	Y=4H	26.9	28.1	27.4	28.6	29.1	29.6	30.8	30.1	31.3	31.8
	Y=6H	27.4	28.6	27.9	29.1	29.6	30.7	31.9	31.2	32.3	32.9
	Y=8H	27.7	28.8	28.2	29.3	29.8	31.1	32.2	31.7	32.7	33.3
	Y=12H	28.0	29.1	28.5	29.6	30.1	31.6	32.6	32.1	33.1	33.7
X=4H	Y=2H	25.8	27.0	26.3	27.5	28.0	26.7	27.9	27.2	28.4	28.9
	Y=3H	27.3	28.4	27.8	28.9	29.4	29.1	30.2	29.6	30.7	31.2
	Y=4H	28.1	29.1	28.6	29.6	30.2	30.6	31.5	31.1	32.1	32.6
	Y=6H	28.8	29.7	29.4	30.3	30.9	31.8	32.7	32.4	33.3	33.8
	Y=8H	29.2	30.0	29.7	30.6	31.2	32.3	33.2	32.9	33.7	34.3
	Y=12H	29.5	30.3	30.1	30.9	31.5	32.8	33.6	33.4	34.2	34.8
X=8H	Y=4H	28.8	29.7	29.3	30.2	30.8	30.9	31.7	31.4	32.3	32.9
	Y=6H	29.7	30.5	30.3	31.1	31.8	32.3	33.0	32.9	33.6	34.4
	Y=8H	30.2	30.9	30.8	31.5	32.1	32.9	33.6	33.5	34.2	34.8
	Y=12H	30.6	31.3	31.2	31.9	32.6	33.6	34.2	34.2	34.8	35.5
X=12H	Y=4H	28.9	29.7	29.5	30.3	30.9	30.9	31.7	31.5	32.3	32.9
	Y=6H	30.0	30.7	30.5	31.2	31.9	32.3	33.1	32.9	33.6	34.3
	Y=8H	30.5	31.1	31.1	31.7	32.4	33.0	33.7	33.6	34.3	35.0
Variations with the objverver position at spacings											
S=1.0H		0.3/-0.4					0.3/-0.4				
S=1.5H		0.6/-0.9					0.4/-0.6				
S=2.0H		0.7/-0.8					0.2/-0.4				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		3.4					4.3				

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

IES Indoor Report

Photometric Filename:SL-T12-2400-A-2700K-15x60D.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	1100. 87	1100. 87	1100. 87	1100. 87	1100. 87	1100. 87	1100. 87	1100. 87	1100. 87	1100. 87	1100. 87	1100. 87
γ 1. 0	1115. 23	1119. 17	1118. 81	1116. 21	1104. 96	1091. 73	1106. 39	1092. 70	1080. 11	1076. 78	1074. 26	1079. 50
γ 2. 0	1115. 10	1128. 51	1135. 73	1133. 52	1116. 74	1094. 15	1098. 82	1075. 74	1057. 68	1054. 55	1056. 89	1069. 81
γ 3. 0	1112. 61	1136. 65	1151. 49	1150. 17	1126. 56	1093. 52	1087. 77	1056. 11	1032. 19	1030. 65	1037. 91	1058. 26
γ 4. 0	1106. 84	1142. 33	1166. 14	1165. 17	1133. 91	1090. 73	1074. 31	1033. 17	1003. 43	1003. 92	1017. 32	1044. 82
γ 5. 0	1099. 83	1145. 79	1179. 99	1179. 00	1138. 45	1085. 02	1058. 70	1007. 27	974. 05	974. 96	995. 13	1029. 95
γ 6. 0	1089. 27	1146. 24	1191. 86	1189. 72	1140. 41	1077. 23	1039. 91	980. 34	944. 78	946. 01	970. 84	1013. 66
γ 7. 0	1077. 59	1145. 03	1202. 21	1199. 65	1139. 68	1067. 19	1019. 66	953. 71	914. 85	916. 38	945. 40	995. 93
γ 8. 0	1063. 28	1140. 84	1211. 88	1206. 29	1135. 78	1055. 20	996. 90	925. 47	883. 67	887. 04	918. 77	977. 22
γ 9. 0	1047. 88	1134. 76	1219. 67	1211. 01	1129. 49	1041. 17	972. 79	895. 80	850. 39	856. 28	891. 75	957. 53
γ 10. 0	1030. 11	1124. 95	1225. 25	1213. 87	1119. 14	1025. 29	947. 68	863. 31	815. 47	824. 17	864. 15	936. 85
γ 11. 0	1010. 84	1113. 36	1229. 17	1211. 57	1106. 21	1007. 52	920. 83	827. 76	778. 34	789. 51	835. 85	915. 18
γ 12. 0	989. 88	1099. 53	1230. 15	1207. 33	1090. 88	987. 91	892. 10	790. 58	738. 81	753. 22	806. 18	892. 93
γ 13. 0	968. 85	1083. 20	1226. 36	1197. 52	1072. 00	967. 43	861. 11	752. 49	697. 28	715. 08	775. 70	870. 20
γ 14. 0	946. 42	1063. 53	1218. 03	1184. 49	1051. 99	945. 20	828. 39	713. 46	654. 47	676. 00	743. 98	846. 37
γ 15. 0	922. 64	1041. 60	1204. 60	1167. 81	1029. 75	921. 86	793. 96	673. 50	611. 47	636. 66	710. 49	822. 14
γ 16. 0	899. 62	1015. 96	1185. 17	1147. 16	1005. 09	897. 16	758. 55	633. 12	569. 18	596. 73	677. 33	797. 43
γ 17. 0	876. 27	989. 41	1162. 59	1124. 01	980. 42	870. 93	721. 81	591. 93	526. 95	556. 95	642. 35	771. 77
γ 18. 0	849. 66	960. 67	1138. 57	1096. 21	952. 22	843. 00	683. 69	551. 02	485. 39	517. 22	606. 94	745. 61
γ 19. 0	823. 67	931. 02	1110. 41	1066. 13	924. 53	814. 08	644. 81	510. 10	445. 77	477. 96	571. 02	718. 25
γ 20. 0	798. 45	899. 36	1078. 33	1033. 92	895. 23	784. 06	605. 75	470. 54	408. 50	439. 55	534. 62	690. 14
γ 21. 0	770. 98	867. 37	1043. 05	998. 60	865. 51	752. 35	566. 19	432. 30	373. 85	403. 37	498. 29	661. 55
γ 22. 0	743. 54	833. 14	1004. 49	959. 90	835. 60	719. 15	526. 77	396. 05	342. 53	370. 01	462. 15	632. 35
γ 23. 0	716. 10	797. 49	964. 26	919. 58	804. 79	684. 29	487. 79	362. 51	314. 69	339. 18	427. 50	602. 13
γ 24. 0	688. 19	761. 23	922. 19	878. 05	772. 29	648. 56	449. 61	332. 15	290. 50	311. 11	393. 94	570. 84
γ 25. 0	660. 11	725. 79	878. 79	837. 74	739. 88	612. 03	413. 11	305. 49	269. 18	286. 30	362. 49	538. 78
γ 26. 0	632. 01	690. 23	834. 04	797. 54	706. 95	575. 40	379. 53	282. 36	250. 41	264. 83	333. 20	506. 50
γ 27. 0	603. 17	655. 58	789. 47	758. 24	675. 50	538. 93	347. 82	262. 19	234. 02	246. 26	306. 65	474. 69
γ 28. 0	575. 56	621. 33	745. 60	718. 12	642. 98	502. 77	319. 77	244. 84	219. 93	229. 81	282. 45	443. 61
γ 29. 0	546. 64	587. 17	701. 98	677. 95	609. 51	466. 95	294. 62	229. 60	206. 82	215. 58	261. 10	413. 01
γ 30. 0	518. 20	554. 36	659. 90	637. 63	576. 55	432. 48	272. 69	215. 87	195. 38	203. 08	242. 14	383. 52
γ 31. 0	490. 28	522. 73	618. 57	598. 07	542. 72	399. 57	253. 12	203. 56	184. 78	192. 14	225. 69	355. 11
γ 32. 0	463. 42	491. 70	577. 89	559. 69	509. 57	368. 64	236. 19	192. 36	175. 13	181. 86	211. 58	328. 39
γ 33. 0	436. 39	461. 36	539. 42	522. 61	476. 49	339. 80	221. 01	182. 23	166. 34	172. 58	198. 65	303. 68
γ 34. 0	409. 00	433. 49	501. 35	485. 17	445. 30	312. 95	207. 50	173. 03	158. 48	164. 05	187. 12	280. 97
γ 35. 0	381. 88	407. 14	464. 33	450. 29	414. 29	288. 56	195. 25	164. 65	151. 31	156. 18	176. 85	260. 18
γ 36. 0	354. 77	379. 88	428. 44	419. 59	385. 36	266. 46	184. 03	157. 08	144. 65	149. 07	167. 08	241. 21
γ 37. 0	329. 09	353. 56	392. 69	391. 35	357. 11	246. 62	174. 13	149. 67	138. 70	142. 99	158. 02	224. 21
γ 38. 0	305. 03	327. 41	359. 24	364. 80	331. 52	229. 00	164. 42	143. 32	133. 33	137. 37	149. 88	208. 99
γ 39. 0	282. 31	302. 84	329. 14	339. 19	307. 22	213. 31	155. 56	137. 38	128. 10	132. 01	142. 27	195. 40
γ 40. 0	260. 51	281. 39	301. 74	314. 08	284. 48	199. 16	147. 16	132. 02	123. 36	127. 31	135. 22	183. 30
γ 41. 0	240. 02	260. 84	276. 66	289. 86	262. 90	186. 47	139. 26	126. 45	118. 77	122. 29	128. 48	172. 39
γ 42. 0	221. 32	241. 18	254. 28	267. 17	242. 37	175. 11	131. 92	121. 33	114. 61	117. 64	122. 24	162. 46
γ 43. 0	204. 73	223. 66	234. 12	245. 53	222. 88	164. 87	125. 23	116. 42	110. 91	113. 03	116. 36	153. 46
γ 44. 0	189. 88	207. 91	215. 52	225. 63	204. 82	155. 61	118. 92	111. 74	107. 44	108. 97	110. 84	145. 23
γ 45. 0	176. 42	193. 33	198. 79	207. 62	188. 26	147. 16	113. 19	107. 64	104. 39	105. 19	105. 80	137. 77
γ 46. 0	163. 86	179. 72	183. 21	190. 82	173. 28	139. 43	107. 93	103. 84	101. 44	101. 88	101. 21	130. 84

IES Indoor Report

Photometric Filename:SL-T12-2400-A-2700K-15x60D.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 47. 0	152. 16	166. 90	168. 30	175. 73	160. 18	132. 22	103. 00	100. 38	98. 94	98. 78	96. 82	124. 38
γ 48. 0	141. 63	155. 06	153. 56	162. 53	148. 67	125. 61	98. 37	97. 24	96. 54	95. 93	92. 74	118. 33
γ 49. 0	132. 00	144. 58	139. 92	150. 46	137. 80	119. 44	94. 10	94. 32	94. 39	93. 25	88. 92	112. 60
γ 50. 0	123. 28	134. 79	128. 74	139. 46	127. 94	113. 63	90. 12	91. 70	92. 38	90. 86	85. 26	107. 20
γ 51. 0	115. 46	125. 69	119. 58	129. 12	119. 38	108. 13	86. 45	89. 19	90. 55	88. 66	81. 85	102. 08
γ 52. 0	108. 18	117. 31	111. 74	120. 12	111. 68	102. 86	82. 94	86. 94	88. 82	86. 71	78. 71	97. 27
γ 53. 0	101. 58	109. 82	104. 64	112. 06	104. 86	97. 82	79. 60	84. 94	87. 20	84. 89	75. 64	92. 61
γ 54. 0	95. 57	103. 44	97. 91	105. 59	98. 54	93. 00	76. 38	83. 00	85. 74	83. 05	72. 78	88. 13
γ 55. 0	90. 13	98. 12	92. 15	99. 96	92. 67	88. 38	73. 31	81. 02	84. 30	81. 34	70. 06	83. 75
γ 56. 0	85. 17	93. 40	88. 01	94. 84	87. 36	83. 95	70. 26	79. 12	82. 89	79. 64	67. 30	79. 56
γ 57. 0	80. 43	89. 01	85. 69	90. 03	82. 54	79. 68	67. 46	77. 21	81. 57	78. 03	64. 65	75. 51
γ 58. 0	76. 05	84. 72	85. 05	85. 92	78. 12	75. 53	64. 67	75. 35	80. 15	76. 25	62. 10	71. 61
γ 59. 0	72. 05	81. 19	85. 65	82. 91	74. 10	71. 48	61. 92	73. 46	78. 85	74. 49	59. 61	67. 82
γ 60. 0	68. 40	78. 41	86. 81	81. 14	70. 18	67. 55	59. 21	71. 50	77. 36	72. 86	57. 21	64. 12
γ 61. 0	65. 03	76. 88	88. 61	80. 78	66. 53	63. 76	56. 62	69. 57	75. 79	71. 06	54. 84	60. 52
γ 62. 0	61. 64	76. 38	90. 80	81. 33	63. 26	60. 11	54. 06	67. 59	74. 23	69. 30	52. 48	57. 07
γ 63. 0	58. 44	76. 73	92. 89	82. 41	60. 34	56. 62	51. 48	65. 72	72. 58	67. 45	50. 09	53. 67
γ 64. 0	55. 44	77. 53	94. 86	84. 12	57. 53	53. 18	48. 96	63. 80	70. 90	65. 57	47. 81	50. 32
γ 65. 0	52. 56	78. 77	96. 67	86. 02	54. 64	49. 79	46. 49	61. 77	69. 12	63. 72	45. 63	47. 06
γ 66. 0	49. 55	79. 97	98. 38	87. 56	52. 06	46. 48	44. 11	59. 76	67. 21	61. 86	43. 48	43. 81
γ 67. 0	46. 67	80. 61	100. 10	88. 64	49. 89	43. 23	41. 84	57. 75	65. 19	59. 97	41. 40	40. 64
γ 68. 0	44. 21	80. 94	101. 18	89. 56	47. 65	40. 10	39. 61	55. 74	63. 05	58. 03	39. 35	37. 53
γ 69. 0	42. 10	81. 05	101. 13	90. 43	45. 33	36. 98	37. 40	53. 68	60. 85	56. 09	37. 39	34. 50
γ 70. 0	39. 97	80. 89	99. 98	90. 85	43. 23	33. 95	35. 26	51. 65	58. 72	53. 94	35. 50	31. 56
γ 71. 0	37. 98	80. 07	98. 34	90. 08	41. 62	31. 03	33. 13	49. 54	56. 60	51. 84	33. 65	28. 70
γ 72. 0	36. 34	78. 36	95. 96	88. 52	40. 64	28. 17	31. 06	47. 51	54. 49	49. 78	31. 78	25. 96
γ 73. 0	35. 06	76. 00	92. 89	86. 25	40. 04	25. 43	29. 08	45. 56	52. 48	47. 66	29. 93	23. 29
γ 74. 0	34. 14	73. 50	89. 15	83. 70	39. 58	22. 84	27. 17	43. 69	50. 56	45. 67	28. 18	20. 74
γ 75. 0	33. 31	70. 57	84. 51	80. 54	38. 85	20. 36	25. 31	41. 85	48. 72	43. 68	26. 53	18. 28
γ 76. 0	32. 15	67. 42	79. 39	77. 00	37. 83	17. 92	23. 64	40. 08	47. 00	41. 86	24. 99	15. 94
γ 77. 0	30. 50	63. 53	73. 81	71. 80	36. 69	15. 54	22. 06	38. 50	45. 10	40. 20	23. 55	13. 67
γ 78. 0	28. 60	59. 12	67. 92	66. 56	35. 15	13. 26	20. 66	36. 96	43. 57	38. 41	22. 22	11. 53
γ 79. 0	26. 72	54. 73	61. 81	60. 94	33. 27	11. 18	19. 46	35. 39	42. 03	36. 87	21. 07	9. 56
γ 80. 0	25. 23	50. 02	56. 81	55. 30	31. 13	9. 26	18. 42	34. 13	40. 41	35. 24	20. 11	7. 75
γ 81. 0	23. 81	45. 98	51. 99	50. 64	29. 30	7. 51	17. 52	32. 74	38. 82	33. 67	19. 29	6. 12
γ 82. 0	22. 40	41. 92	47. 26	45. 87	27. 38	5. 87	16. 69	31. 40	37. 38	32. 07	18. 49	4. 67
γ 83. 0	20. 97	38. 02	43. 58	41. 07	25. 57	4. 36	15. 89	30. 03	35. 99	30. 63	17. 77	3. 32
γ 84. 0	19. 50	35. 00	40. 87	37. 57	23. 81	2. 97	15. 18	28. 72	34. 40	29. 17	17. 09	2. 15
γ 85. 0	18. 21	32. 66	39. 17	34. 96	22. 26	1. 79	14. 47	27. 22	32. 72	27. 50	16. 51	1. 23
γ 86. 0	17. 16	31. 55	39. 56	33. 82	20. 93	0. 88	13. 79	25. 87	30. 92	26. 00	15. 96	0. 48
γ 87. 0	16. 37	31. 56	40. 97	34. 01	20. 07	0. 21	13. 19	24. 84	29. 49	24. 76	15. 46	0. 00
γ 88. 0	16. 05	32. 14	43. 02	34. 63	19. 58	0. 00	12. 95	24. 10	28. 37	23. 90	15. 25	0. 00
γ 89. 0	15. 87	33. 28	45. 93	36. 03	19. 35	0. 00	12. 80	23. 58	27. 59	23. 28	14. 93	0. 00
γ 90. 0	15. 77	34. 93	49. 85	38. 01	19. 19	0. 00	12. 50	23. 16	26. 90	22. 79	14. 52	0. 00
γ 91. 0	15. 49	37. 13	54. 67	40. 60	19. 19	0. 00	12. 06	22. 87	26. 46	22. 45	14. 03	0. 00
γ 92. 0	15. 05	39. 81	60. 25	43. 71	19. 21	0. 00	11. 44	22. 62	26. 15	22. 16	13. 49	0. 00
γ 93. 0	14. 77	42. 89	66. 37	47. 10	19. 13	0. 00	10. 97	22. 37	25. 91	21. 91	12. 99	0. 00

IES Indoor Report

Photometric Filename:SL-T12-2400-A-2700K-15x60D.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 94. 0	14. 53	46. 06	72. 89	50. 77	19. 20	0. 00	10. 55	22. 16	25. 73	21. 73	12. 57	0. 00
γ 95. 0	14. 29	49. 10	79. 53	54. 59	19. 19	0. 00	10. 26	22. 01	25. 57	21. 54	12. 37	0. 00
γ 96. 0	13. 83	52. 15	86. 31	58. 20	19. 21	0. 00	10. 19	21. 92	25. 38	21. 40	12. 33	0. 00
γ 97. 0	13. 00	55. 12	92. 88	61. 47	19. 14	0. 00	10. 26	21. 89	25. 19	21. 28	12. 46	0. 00
γ 98. 0	11. 78	57. 75	98. 81	64. 39	18. 77	0. 00	10. 26	21. 96	24. 97	21. 19	12. 59	0. 00
γ 99. 0	10. 31	59. 84	104. 04	66. 96	18. 00	0. 00	10. 02	22. 08	24. 75	21. 15	12. 46	0. 00
γ 100. 0	8. 57	61. 42	108. 54	69. 12	16. 70	0. 00	9. 34	22. 27	24. 54	21. 17	12. 00	0. 00
γ 101. 0	6. 94	62. 24	112. 33	70. 58	14. 92	0. 00	8. 00	22. 41	24. 28	21. 12	10. 92	0. 00
γ 102. 0	5. 51	62. 15	115. 55	71. 15	13. 03	0. 00	6. 71	22. 45	24. 04	21. 01	9. 40	0. 00
γ 103. 0	4. 35	61. 10	118. 10	70. 86	11. 07	0. 00	5. 52	22. 23	23. 70	20. 77	7. 95	0. 00
γ 104. 0	3. 41	58. 98	116. 44	69. 74	9. 23	0. 00	4. 12	21. 75	22. 87	20. 34	6. 78	0. 00
γ 105. 0	2. 59	55. 63	109. 97	67. 44	7. 68	0. 00	3. 00	20. 88	20. 76	19. 68	5. 51	0. 00
γ 106. 0	1. 99	51. 19	104. 57	63. 78	6. 24	0. 00	2. 23	19. 64	19. 18	18. 71	4. 26	0. 00
γ 107. 0	1. 48	45. 97	97. 68	59. 06	4. 86	0. 00	1. 69	18. 17	17. 79	17. 50	3. 30	0. 00
γ 108. 0	1. 07	40. 59	93. 77	53. 82	3. 63	0. 00	1. 29	16. 60	16. 94	16. 00	2. 42	0. 00
γ 109. 0	0. 82	35. 43	93. 09	48. 34	2. 68	0. 00	0. 98	14. 95	16. 22	13. 73	1. 80	0. 00
γ 110. 0	0. 58	30. 75	93. 09	42. 81	1. 99	0. 00	0. 73	13. 35	15. 45	12. 19	1. 33	0. 00
γ 111. 0	0. 36	26. 51	87. 34	35. 99	1. 47	0. 00	0. 53	11. 88	14. 48	10. 70	0. 95	0. 00
γ 112. 0	0. 25	21. 79	80. 65	31. 05	1. 07	0. 00	0. 36	10. 60	13. 45	9. 08	0. 69	0. 00
γ 113. 0	0. 13	17. 83	73. 66	27. 45	0. 80	0. 00	0. 25	8. 87	12. 41	8. 06	0. 54	0. 00
γ 114. 0	0. 05	15. 21	64. 36	23. 69	0. 59	0. 00	0. 19	7. 34	11. 36	7. 02	0. 37	0. 00
γ 115. 0	0. 00	12. 62	56. 54	21. 30	0. 46	0. 00	0. 13	6. 14	10. 30	5. 16	0. 28	0. 00
γ 116. 0	0. 00	9. 50	52. 17	17. 47	0. 36	0. 00	0. 11	4. 79	9. 00	2. 05	0. 20	0. 00
γ 117. 0	0. 00	7. 35	46. 97	15. 07	0. 26	0. 00	0. 09	3. 79	6. 30	2. 06	0. 20	0. 00
γ 118. 0	0. 00	6. 04	41. 79	12. 86	0. 19	0. 00	0. 10	3. 29	5. 48	1. 60	0. 18	0. 00
γ 119. 0	0. 00	4. 43	36. 37	10. 55	0. 11	0. 00	0. 10	2. 65	4. 76	1. 21	0. 17	0. 00
γ 120. 0	0. 00	3. 03	30. 06	8. 45	0. 06	0. 00	0. 11	2. 26	4. 87	1. 21	0. 20	0. 00
γ 121. 0	0. 00	2. 72	24. 19	6. 65	0. 03	0. 00	0. 13	1. 99	4. 26	1. 05	0. 23	0. 00
γ 122. 0	0. 00	2. 35	20. 32	5. 32	0. 00	0. 00	0. 15	1. 83	3. 66	1. 21	0. 26	0. 00
γ 123. 0	0. 00	1. 49	18. 06	4. 01	0. 00	0. 00	0. 19	1. 60	3. 34	1. 13	0. 30	0. 00
γ 124. 0	0. 00	1. 00	15. 00	2. 93	0. 00	0. 00	0. 20	1. 40	2. 81	1. 25	0. 36	0. 00
γ 125. 0	0. 00	0. 68	11. 69	2. 02	0. 00	0. 00	0. 24	1. 28	2. 81	1. 53	0. 41	0. 00
γ 126. 0	0. 00	0. 61	8. 60	1. 49	0. 00	0. 00	0. 31	1. 17	2. 60	1. 56	0. 47	0. 00
γ 127. 0	0. 00	0. 51	5. 94	1. 16	0. 00	0. 00	0. 36	1. 10	2. 43	1. 50	0. 54	0. 00
γ 128. 0	0. 00	0. 49	3. 92	0. 93	0. 00	0. 00	0. 43	1. 15	2. 33	1. 45	0. 61	0. 05
γ 129. 0	0. 00	0. 46	2. 54	0. 80	0. 00	0. 00	0. 51	1. 21	2. 21	1. 44	0. 68	0. 13
γ 130. 0	0. 01	0. 42	1. 87	0. 70	0. 00	0. 00	0. 60	1. 28	2. 06	1. 51	0. 78	0. 20
γ 131. 0	0. 07	0. 47	1. 45	0. 74	0. 02	0. 09	0. 69	1. 36	1. 94	1. 58	0. 87	0. 30
γ 132. 0	0. 14	0. 44	1. 26	0. 70	0. 06	0. 15	0. 80	1. 45	1. 93	1. 63	0. 98	0. 39
γ 133. 0	0. 22	0. 45	1. 13	0. 66	0. 13	0. 24	0. 90	1. 53	1. 92	1. 74	1. 08	0. 49
γ 134. 0	0. 29	0. 40	1. 01	0. 56	0. 19	0. 33	1. 00	1. 62	1. 98	1. 84	1. 21	0. 58
γ 135. 0	0. 37	0. 39	0. 95	0. 55	0. 26	0. 41	1. 12	1. 72	2. 09	1. 94	1. 31	0. 68
γ 136. 0	0. 46	0. 42	0. 93	0. 60	0. 32	0. 51	1. 23	1. 83	2. 17	2. 03	1. 43	0. 79
γ 137. 0	0. 54	0. 55	0. 90	0. 68	0. 41	0. 61	1. 35	1. 93	2. 28	2. 14	1. 55	0. 90
γ 138. 0	0. 64	0. 65	0. 86	0. 70	0. 48	0. 69	1. 47	2. 06	2. 37	2. 27	1. 68	1. 02
γ 139. 0	0. 74	0. 75	0. 79	0. 74	0. 56	0. 80	1. 58	2. 17	2. 46	2. 37	1. 81	1. 13
γ 140. 0	0. 84	0. 84	0. 80	0. 78	0. 65	0. 90	1. 71	2. 29	2. 57	2. 50	1. 93	1. 25

IES Indoor Report

Photometric Filename:SL-T12-2400-A-2700K-15x60D.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	0.95	0.91	0.87	0.83	0.75	1.00	1.84	2.41	2.68	2.61	2.05	1.37
γ 142.0	1.06	0.98	0.92	0.85	0.82	1.11	1.96	2.53	2.77	2.71	2.18	1.49
γ 143.0	1.17	1.02	0.96	0.89	0.92	1.21	2.09	2.64	2.88	2.80	2.30	1.61
γ 144.0	1.29	1.04	1.00	0.94	1.02	1.34	2.22	2.73	2.99	2.89	2.45	1.74
γ 145.0	1.41	1.11	1.05	1.00	1.13	1.45	2.36	2.84	3.11	3.01	2.57	1.87
γ 146.0	1.53	1.21	1.12	1.09	1.23	1.56	2.50	2.96	3.21	3.11	2.70	2.00
γ 147.0	1.66	1.31	1.20	1.17	1.33	1.67	2.64	3.07	3.32	3.22	2.82	2.12
γ 148.0	1.78	1.42	1.26	1.28	1.45	1.79	2.77	3.20	3.42	3.34	2.93	2.23
γ 149.0	1.92	1.53	1.36	1.39	1.55	1.91	2.89	3.32	3.54	3.45	3.06	2.37
γ 150.0	2.05	1.65	1.45	1.49	1.66	2.04	3.02	3.44	3.66	3.55	3.17	2.49
γ 151.0	2.20	1.79	1.55	1.61	1.77	2.16	3.15	3.58	3.77	3.67	3.29	2.61
γ 152.0	2.33	1.90	1.65	1.72	1.88	2.28	3.28	3.68	3.88	3.78	3.40	2.73
γ 153.0	2.46	2.01	1.78	1.84	1.99	2.39	3.40	3.80	3.98	3.88	3.49	2.85
γ 154.0	2.61	2.14	1.91	1.95	2.11	2.51	3.51	3.91	4.09	3.98	3.61	2.98
γ 155.0	2.73	2.28	2.04	2.06	2.23	2.64	3.64	4.02	4.20	4.07	3.71	3.07
γ 156.0	2.85	2.43	2.17	2.19	2.34	2.76	3.76	4.13	4.30	4.17	3.80	3.20
γ 157.0	3.00	2.56	2.29	2.31	2.46	2.89	3.88	4.23	4.39	4.25	3.89	3.29
γ 158.0	3.12	2.71	2.43	2.43	2.59	3.00	3.98	4.33	4.48	4.33	3.98	3.40
γ 159.0	3.27	2.84	2.56	2.54	2.69	3.12	4.11	4.42	4.57	4.41	4.06	3.49
γ 160.0	3.39	2.97	2.70	2.67	2.81	3.23	4.20	4.51	4.66	4.49	4.15	3.59
γ 161.0	3.52	3.10	2.83	2.79	2.93	3.35	4.29	4.58	4.74	4.54	4.22	3.70
γ 162.0	3.64	3.24	2.95	2.90	3.06	3.47	4.39	4.66	4.80	4.61	4.30	3.79
γ 163.0	3.77	3.37	3.10	3.03	3.17	3.58	4.48	4.73	4.86	4.68	4.36	3.87
γ 164.0	3.87	3.48	3.22	3.14	3.28	3.67	4.57	4.81	4.92	4.73	4.43	3.96
γ 165.0	3.98	3.61	3.35	3.26	3.40	3.79	4.66	4.87	4.98	4.79	4.48	4.05
γ 166.0	4.10	3.73	3.48	3.39	3.51	3.90	4.74	4.93	5.03	4.84	4.54	4.13
γ 167.0	4.20	3.84	3.59	3.51	3.62	4.01	4.82	4.98	5.07	4.88	4.60	4.21
γ 168.0	4.31	3.97	3.73	3.63	3.74	4.10	4.88	5.03	5.08	4.93	4.65	4.29
γ 169.0	4.41	4.09	3.84	3.74	3.85	4.19	4.94	5.07	5.12	4.95	4.68	4.36
γ 170.0	4.49	4.20	3.95	3.86	3.95	4.27	5.00	5.10	5.14	4.97	4.73	4.42
γ 171.0	4.58	4.31	4.05	3.99	4.06	4.35	5.07	5.14	5.16	5.00	4.77	4.49
γ 172.0	4.66	4.41	4.17	4.09	4.16	4.43	5.10	5.15	5.16	5.01	4.81	4.54
γ 173.0	4.74	4.51	4.28	4.21	4.26	4.50	5.13	5.16	5.17	5.03	4.82	4.58
γ 174.0	4.81	4.62	4.40	4.33	4.36	4.56	5.18	5.16	5.17	5.04	4.85	4.64
γ 175.0	4.89	4.72	4.49	4.43	4.44	4.61	5.20	5.17	5.12	5.03	4.88	4.68
γ 176.0	4.95	4.81	4.59	4.53	4.52	4.67	5.22	5.16	5.11	5.01	4.88	4.72
γ 177.0	5.01	4.88	4.67	4.62	4.61	4.73	5.24	5.14	5.07	4.99	4.88	4.74
γ 178.0	5.06	4.96	4.75	4.70	4.67	4.76	5.23	5.13	5.03	4.96	4.89	4.78
γ 179.0	5.11	5.03	4.83	4.79	4.73	4.79	5.22	5.10	4.98	4.91	4.86	4.80
γ 180.0	4.97	4.97	4.97	4.97	4.97	4.97	4.97	4.97	4.97	4.97	4.97	4.97