

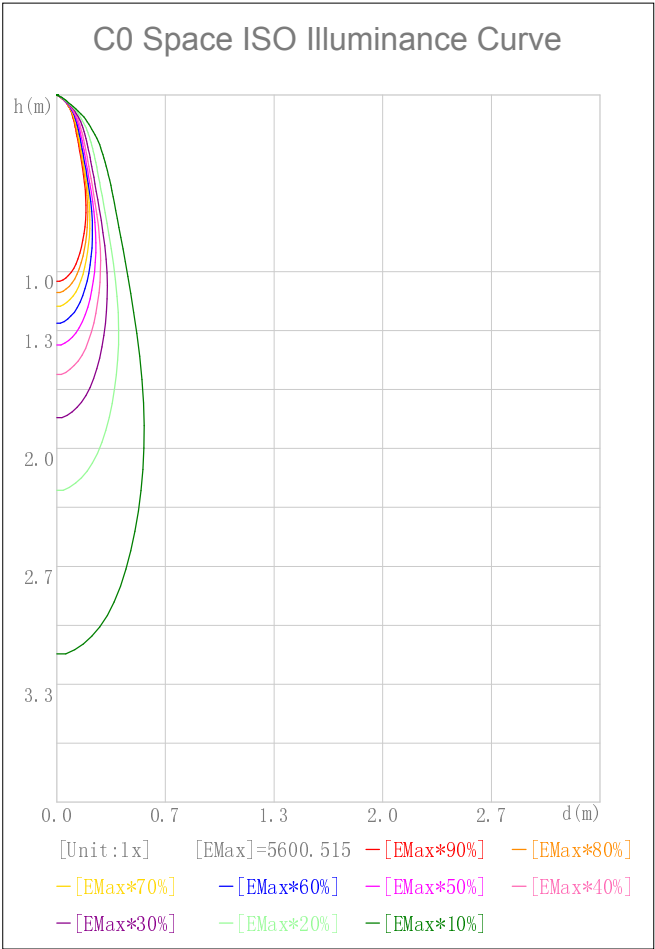
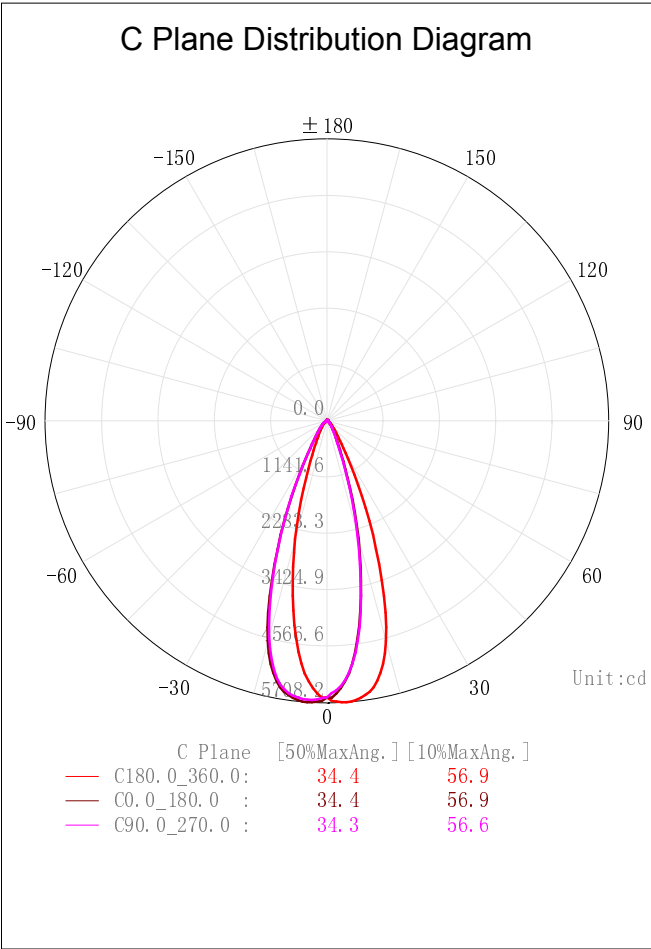
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 55252		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2024/03/27
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency (Hz):	Lamp CCT(K): 3000 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(%): 50.0

Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 2312.120	Luminary Flux(lm): 2312.116	Field Angle(10%Imax): 56.9(°)	
Rated Power(W): 25	Luminary Efficiency: 100.00%	Down Lumens&Percent: 2303.388lm 99.62%	
Rated Voltage(V): 220	Luminary EER(lm/W): 101.275	Up Lumens&Percent: 8.728lm 0.38%	
Tested Power(W): 22.830	Max. Candela(cd): 5708.215	S/MH: C0_a180=0.581 C90_270=0.575	
Lamps' Inside: 1	Max Cand@Ang.(°): C=180.0 γ=4.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):230.5, 0.103, 0.954	Beam Angle(50%Imax): 34.4(°)	ErP Φ use(90°): 2206.099lm	
Lamp Size(W*L*H):0.050m*-0.050m*0.000m	Left=-13.6°, Right=20.8°	IRF(%): 539.977	

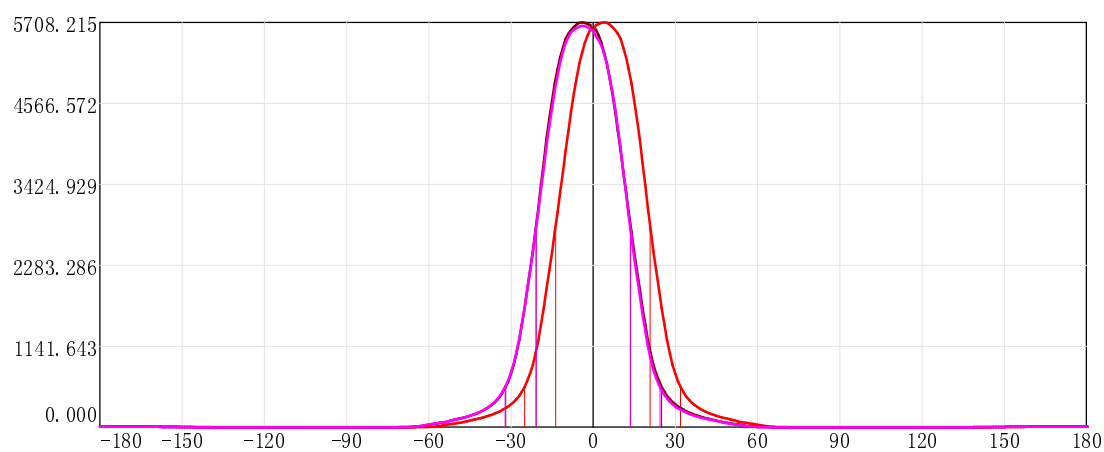
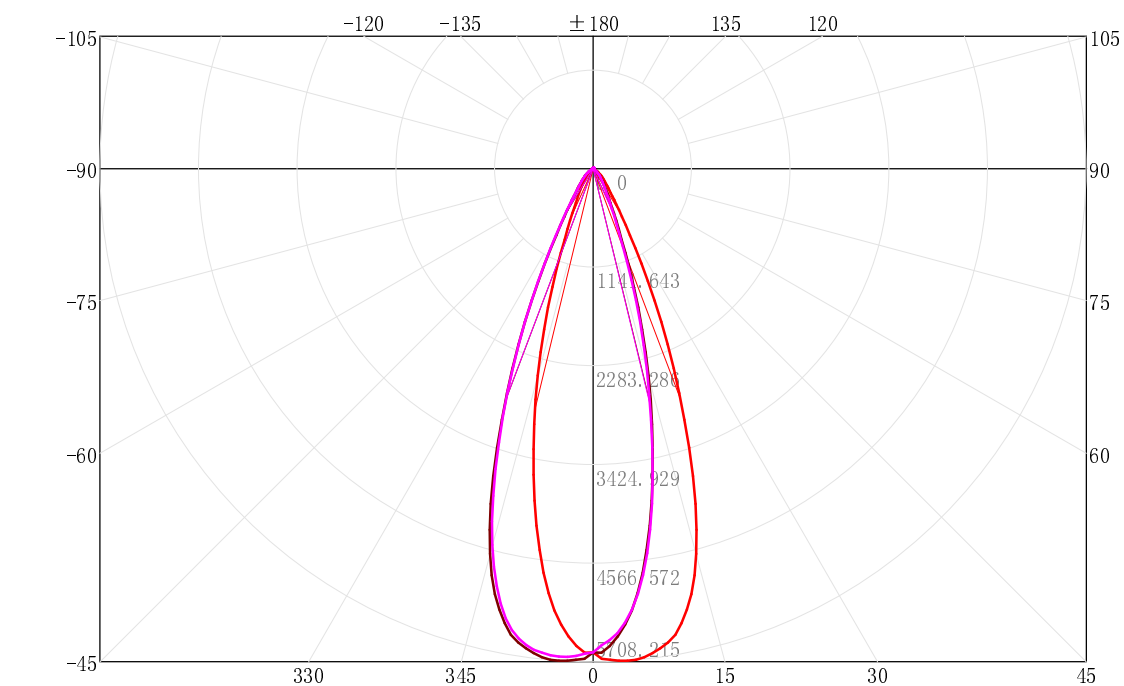



**Photometric Filename:DL-25W-COB-2500-BH-36D.IES**

## 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: 2024/03/27

### C Plane Distribution Diagram

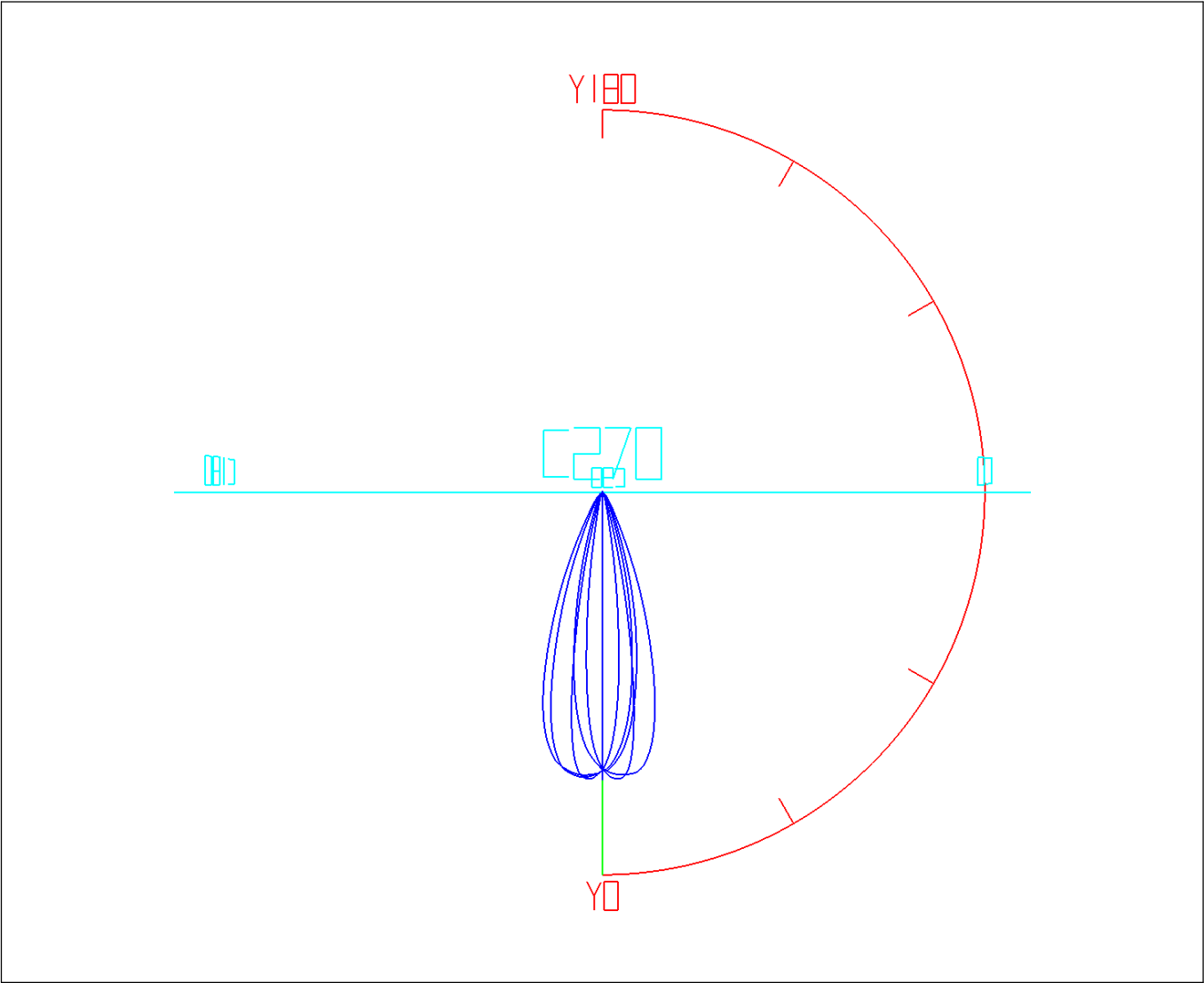


	C Plane	[50%MaxAng. ]	[10%MaxAng. ]	Unit:cd
	C180.0_360.0:	34.4	56.9	
	C0.0_180.0 :	34.4	56.9	
	C90.0_270.0 :	34.3	56.6	

3D Light Intensity Distribution Modal

Lum. Name:55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2024/03/27

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:DL-25W-COB-2500-BH-36D.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	5.35	5.35	0.23	0.23	47.0-48.0	8.24	2236.76	0.36	96.74
1.0-2.0	15.99	21.34	0.69	0.92	48.0-49.0	7.72	2244.48	0.33	97.07
2.0-3.0	26.50	47.85	1.15	2.07	49.0-50.0	7.23	2251.71	0.31	97.39
3.0-4.0	36.77	84.61	1.59	3.66	50.0-51.0	6.76	2258.46	0.29	97.68
4.0-5.0	46.66	131.27	2.02	5.68	51.0-52.0	6.22	2264.69	0.27	97.95
5.0-6.0	56.06	187.33	2.42	8.10	52.0-53.0	5.62	2270.31	0.24	98.19
6.0-7.0	64.82	252.16	2.80	10.91	53.0-54.0	5.03	2275.34	0.22	98.41
7.0-8.0	72.85	325.01	3.15	14.06	54.0-55.0	4.46	2279.80	0.19	98.60
8.0-9.0	80.03	405.04	3.46	17.52	55.0-56.0	3.94	2283.75	0.17	98.77
9.0-10.0	86.21	491.25	3.73	21.25	56.0-57.0	3.48	2287.22	0.15	98.92
10.0-11.0	91.16	582.41	3.94	25.19	57.0-58.0	3.05	2290.28	0.13	99.06
11.0-12.0	94.86	677.27	4.10	29.29	58.0-59.0	2.66	2292.94	0.12	99.17
12.0-13.0	97.40	774.67	4.21	33.50	59.0-60.0	2.30	2295.24	0.10	99.27
13.0-14.0	98.76	873.43	4.27	37.78	60.0-61.0	1.93	2297.17	0.08	99.35
14.0-15.0	98.88	972.31	4.28	42.05	61.0-62.0	1.54	2298.71	0.07	99.42
15.0-16.0	97.79	1070.10	4.23	46.28	62.0-63.0	1.20	2299.91	0.05	99.47
16.0-17.0	95.46	1165.56	4.13	50.41	63.0-64.0	0.92	2300.83	0.04	99.51
17.0-18.0	91.94	1257.50	3.98	54.39	64.0-65.0	0.69	2301.53	0.03	99.54
18.0-19.0	87.43	1344.93	3.78	58.17	65.0-66.0	0.51	2302.03	0.02	99.56
19.0-20.0	82.30	1427.23	3.56	61.73	66.0-67.0	0.37	2302.40	0.02	99.58
20.0-21.0	76.85	1504.08	3.32	65.05	67.0-68.0	0.28	2302.69	0.01	99.59
21.0-22.0	71.32	1575.40	3.08	68.14	68.0-69.0	0.22	2302.91	0.01	99.60
22.0-23.0	65.78	1641.18	2.85	70.98	69.0-70.0	0.17	2303.08	0.01	99.61
23.0-24.0	60.28	1701.46	2.61	73.59	70.0-71.0	0.13	2303.22	0.01	99.61
24.0-25.0	54.82	1756.29	2.37	75.96	71.0-72.0	0.09	2303.31	0.00	99.62
25.0-26.0	49.41	1805.70	2.14	78.10	72.0-73.0	0.05	2303.36	0.00	99.62
26.0-27.0	44.18	1849.88	1.91	80.01	73.0-74.0	0.02	2303.38	0.00	99.62
27.0-28.0	39.33	1889.21	1.70	81.71	74.0-75.0	0.00	2303.39	0.00	99.62
28.0-29.0	35.00	1924.21	1.51	83.22	75.0-76.0	0.00	2303.39	0.00	99.62
29.0-30.0	31.29	1955.50	1.35	84.58	76.0-77.0	0.00	2303.39	0.00	99.62
30.0-31.0	28.15	1983.66	1.22	85.79	77.0-78.0	0.00	2303.39	0.00	99.62
31.0-32.0	25.49	2009.15	1.10	86.90	78.0-79.0	0.00	2303.39	0.00	99.62
32.0-33.0	23.21	2032.36	1.00	87.90	79.0-80.0	0.00	2303.39	0.00	99.62
33.0-34.0	21.24	2053.60	0.92	88.82	80.0-81.0	0.00	2303.39	0.00	99.62
34.0-35.0	19.56	2073.15	0.85	89.66	81.0-82.0	0.00	2303.39	0.00	99.62
35.0-36.0	18.10	2091.26	0.78	90.45	82.0-83.0	0.00	2303.39	0.00	99.62
36.0-37.0	16.85	2108.10	0.73	91.18	83.0-84.0	0.00	2303.39	0.00	99.62
37.0-38.0	15.74	2123.85	0.68	91.86	84.0-85.0	0.00	2303.39	0.00	99.62
38.0-39.0	14.75	2138.60	0.64	92.50	85.0-86.0	0.00	2303.39	0.00	99.62
39.0-40.0	13.84	2152.43	0.60	93.09	86.0-87.0	0.00	2303.39	0.00	99.62
40.0-41.0	12.99	2165.43	0.56	93.66	87.0-88.0	0.00	2303.39	0.00	99.62
41.0-42.0	12.23	2177.66	0.53	94.18	88.0-89.0	0.00	2303.39	0.00	99.62
42.0-43.0	11.53	2189.18	0.50	94.68	89.0-90.0	0.00	2303.39	0.00	99.62
43.0-44.0	10.88	2200.06	0.47	95.15	90.0-91.0	0.00	2303.39	0.00	99.62
44.0-45.0	10.19	2210.25	0.44	95.59	91.0-92.0	0.00	2303.39	0.00	99.62
45.0-46.0	9.46	2219.71	0.41	96.00	92.0-93.0	0.00	2303.39	0.00	99.62
46.0-47.0	8.81	2228.52	0.38	96.38	93.0-94.0	0.00	2303.39	0.00	99.62

IES Indoor Report

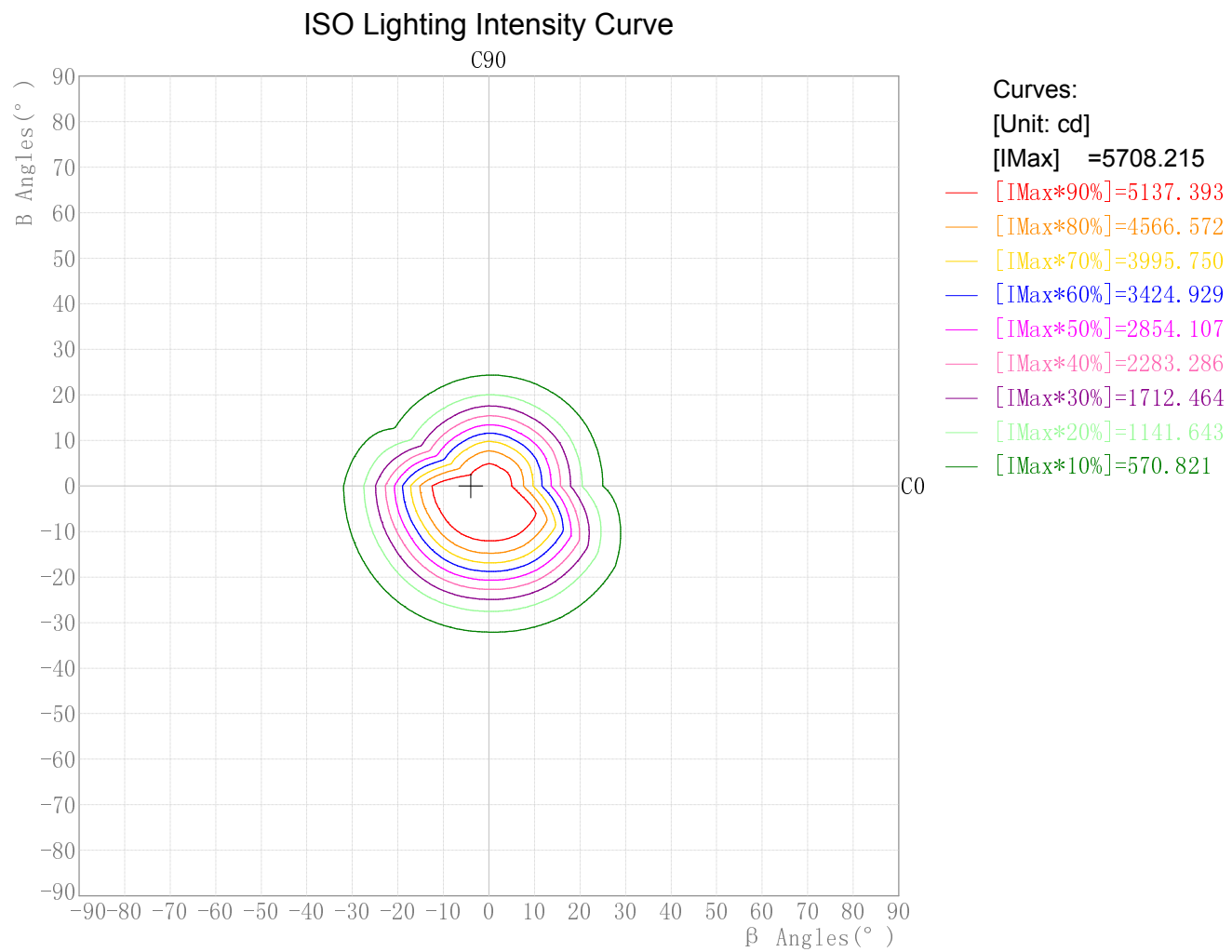
Photometric Filename:DL-25W-COB-2500-BH-36D.IES

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	0.00	2303.39	0.00	99.62	141.0-142.0	0.13	2303.98	0.01	99.65
95.0-96.0	0.00	2303.39	0.00	99.62	142.0-143.0	0.15	2304.14	0.01	99.65
96.0-97.0	0.00	2303.39	0.00	99.62	143.0-144.0	0.17	2304.31	0.01	99.66
97.0-98.0	0.00	2303.39	0.00	99.62	144.0-145.0	0.19	2304.50	0.01	99.67
98.0-99.0	0.00	2303.39	0.00	99.62	145.0-146.0	0.21	2304.72	0.01	99.68
99.0-100.0	0.00	2303.39	0.00	99.62	146.0-147.0	0.23	2304.95	0.01	99.69
100.0-101.0	0.00	2303.39	0.00	99.62	147.0-148.0	0.25	2305.20	0.01	99.70
101.0-102.0	0.00	2303.39	0.00	99.62	148.0-149.0	0.26	2305.46	0.01	99.71
102.0-103.0	0.00	2303.39	0.00	99.62	149.0-150.0	0.28	2305.74	0.01	99.72
103.0-104.0	0.00	2303.39	0.00	99.62	150.0-151.0	0.29	2306.02	0.01	99.74
104.0-105.0	0.00	2303.39	0.00	99.62	151.0-152.0	0.30	2306.32	0.01	99.75
105.0-106.0	0.00	2303.39	0.00	99.62	152.0-153.0	0.31	2306.63	0.01	99.76
106.0-107.0	0.00	2303.39	0.00	99.62	153.0-154.0	0.31	2306.94	0.01	99.78
107.0-108.0	0.00	2303.39	0.00	99.62	154.0-155.0	0.32	2307.26	0.01	99.79
108.0-109.0	0.00	2303.39	0.00	99.62	155.0-156.0	0.32	2307.58	0.01	99.80
109.0-110.0	0.00	2303.39	0.00	99.62	156.0-157.0	0.32	2307.90	0.01	99.82
110.0-111.0	0.00	2303.39	0.00	99.62	157.0-158.0	0.32	2308.21	0.01	99.83
111.0-112.0	0.00	2303.39	0.00	99.62	158.0-159.0	0.31	2308.52	0.01	99.84
112.0-113.0	0.00	2303.39	0.00	99.62	159.0-160.0	0.31	2308.83	0.01	99.86
113.0-114.0	0.00	2303.39	0.00	99.62	160.0-161.0	0.30	2309.13	0.01	99.87
114.0-115.0	0.00	2303.39	0.00	99.62	161.0-162.0	0.29	2309.42	0.01	99.88
115.0-116.0	0.00	2303.39	0.00	99.62	162.0-163.0	0.28	2309.70	0.01	99.90
116.0-117.0	0.00	2303.39	0.00	99.62	163.0-164.0	0.27	2309.97	0.01	99.91
117.0-118.0	0.00	2303.39	0.00	99.62	164.0-165.0	0.25	2310.22	0.01	99.92
118.0-119.0	0.00	2303.39	0.00	99.62	165.0-166.0	0.24	2310.46	0.01	99.93
119.0-120.0	0.00	2303.39	0.00	99.62	166.0-167.0	0.22	2310.69	0.01	99.94
120.0-121.0	0.00	2303.39	0.00	99.62	167.0-168.0	0.21	2310.89	0.01	99.95
121.0-122.0	0.00	2303.39	0.00	99.62	168.0-169.0	0.19	2311.09	0.01	99.96
122.0-123.0	0.00	2303.39	0.00	99.62	169.0-170.0	0.18	2311.27	0.01	99.96
123.0-124.0	0.00	2303.39	0.00	99.62	170.0-171.0	0.16	2311.43	0.01	99.97
124.0-125.0	0.00	2303.39	0.00	99.62	171.0-172.0	0.14	2311.57	0.01	99.98
125.0-126.0	0.00	2303.39	0.00	99.62	172.0-173.0	0.13	2311.70	0.01	99.98
126.0-127.0	0.00	2303.39	0.00	99.62	173.0-174.0	0.11	2311.81	0.00	99.99
127.0-128.0	0.00	2303.39	0.00	99.62	174.0-175.0	0.09	2311.90	0.00	99.99
128.0-129.0	0.00	2303.39	0.00	99.62	175.0-176.0	0.08	2311.98	0.00	99.99
129.0-130.0	0.00	2303.39	0.00	99.62	176.0-177.0	0.06	2312.04	0.00	100.00
130.0-131.0	0.00	2303.39	0.00	99.62	177.0-178.0	0.04	2312.08	0.00	100.00
131.0-132.0	0.00	2303.39	0.00	99.62	178.0-179.0	0.03	2312.11	0.00	100.00
132.0-133.0	0.00	2303.39	0.00	99.62	179.0-180.0	0.01	2312.12	0.00	100.00
133.0-134.0	0.01	2303.40	0.00	99.62					
134.0-135.0	0.02	2303.43	0.00	99.62					
135.0-136.0	0.04	2303.46	0.00	99.63					
136.0-137.0	0.05	2303.52	0.00	99.63					
137.0-138.0	0.06	2303.58	0.00	99.63					
138.0-139.0	0.08	2303.66	0.00	99.63					
139.0-140.0	0.09	2303.75	0.00	99.64					
140.0-141.0	0.11	2303.85	0.00	99.64					

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: 2024/03/27



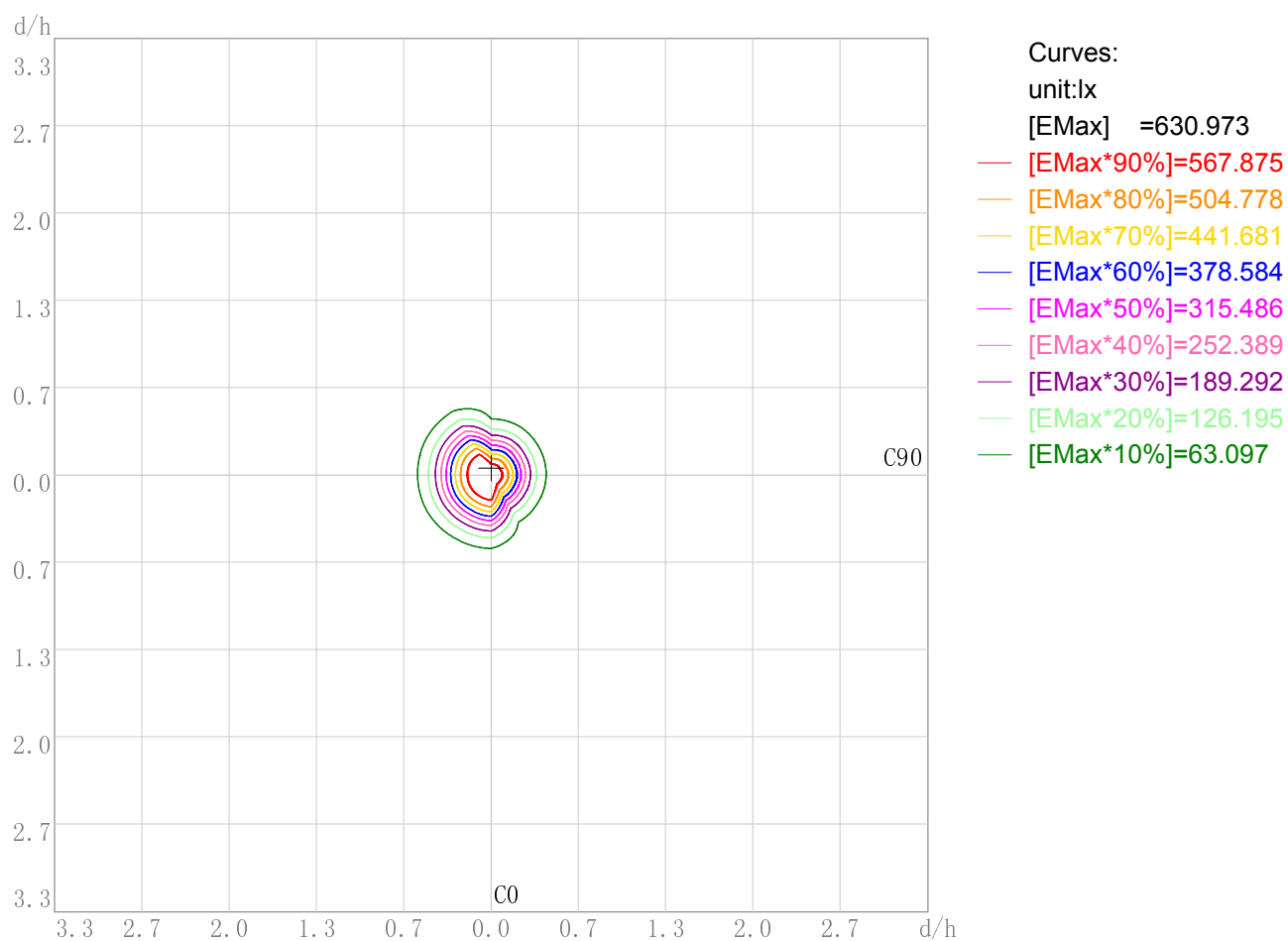
Maximum Light Intensity(cd): 5708.21  
Maximum Cand.@Angle: H=-4.0°,V=0.0°

**Photometric Filename:DL-25W-COB-2500-BH-36D.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: 2024/03/27

### Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

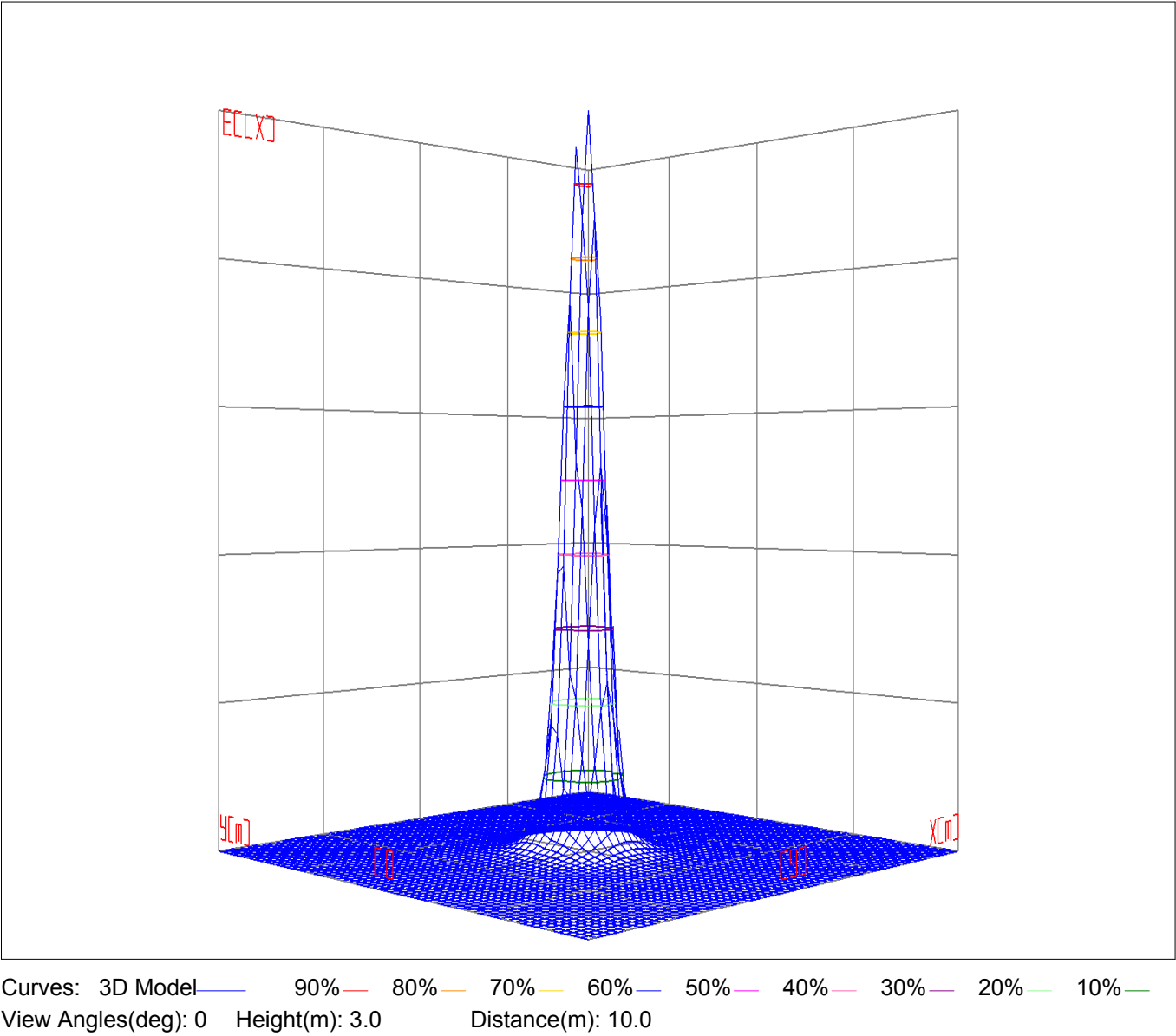
Working Plane Maximum Illuminance(lx): 630.97

Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.1

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: 2024/03/27

3D Plane Illuminance Modal

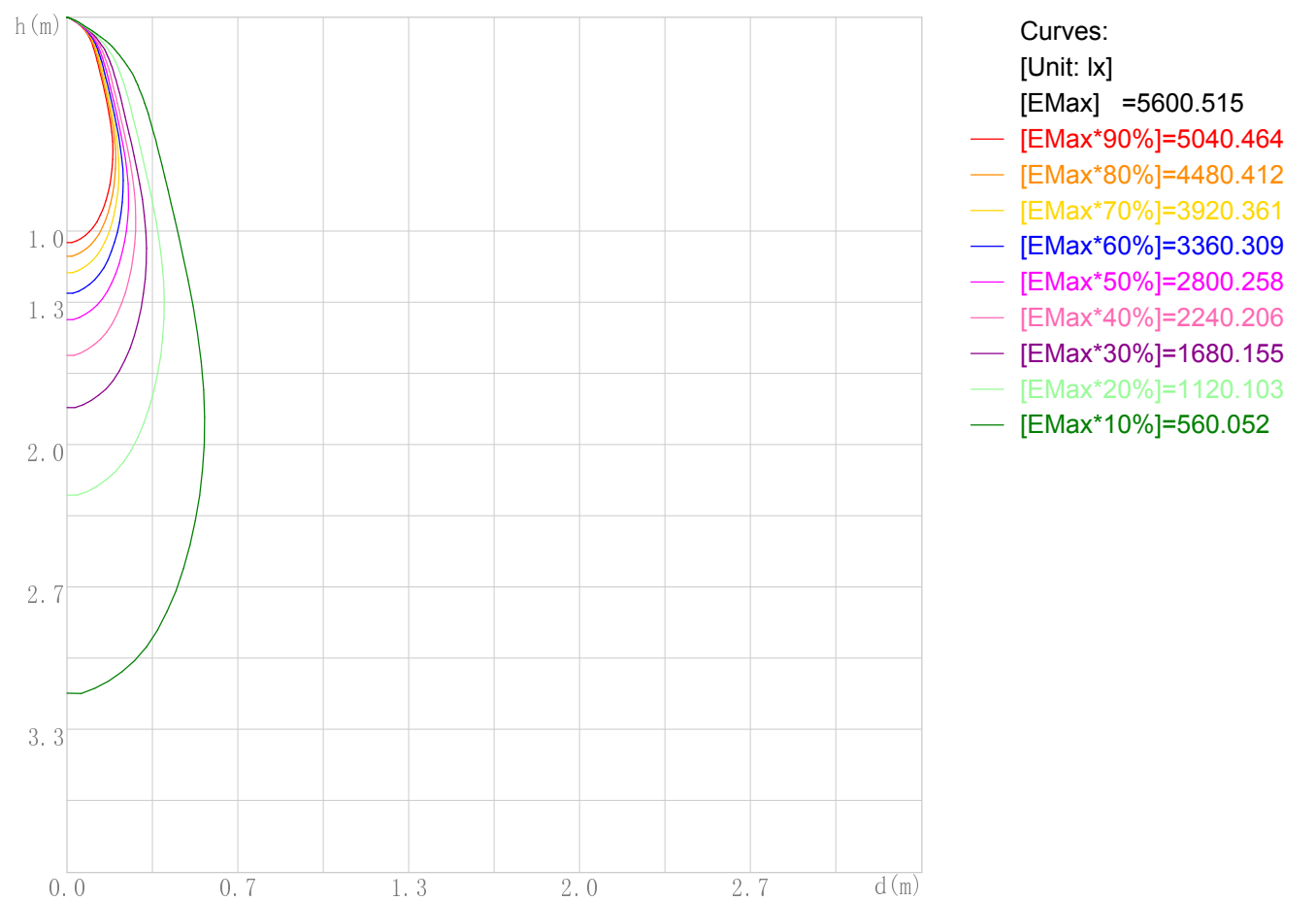




Space ISO Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/03/27

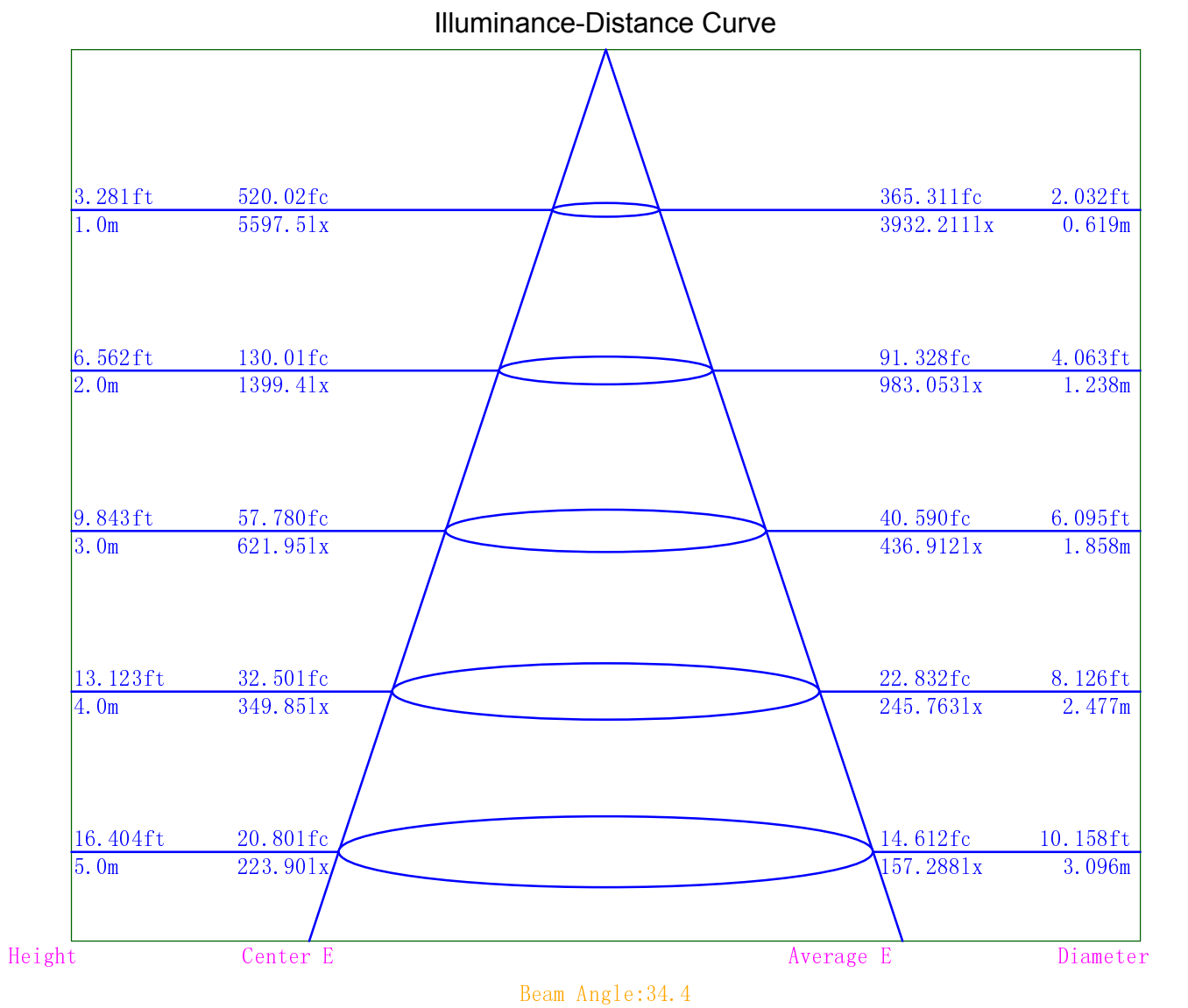
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:5600.52lx,1.0deg  
Plane Maximum Lighting Intensity and @Angle:5603.075cd,0eg

Illuminance-Distance Diagram

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/03/27



Indoor Luminance Limiting Curves

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/03/27

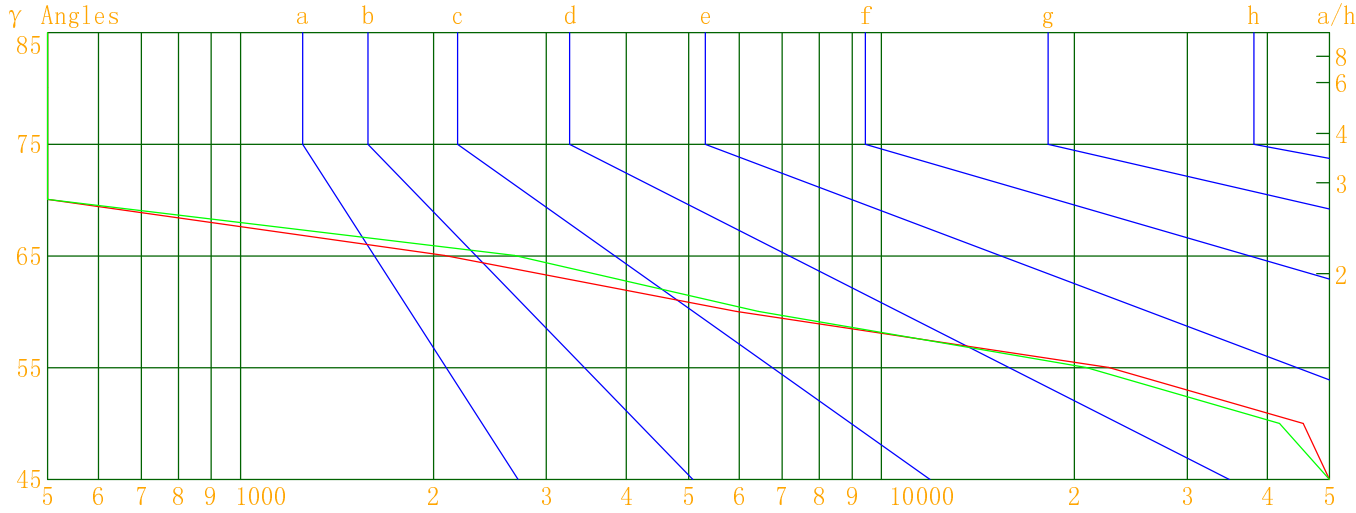
Glare Grade Table

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	68397	45512	22620	5937	2079	0	0	0	0
C90	64444	41779	20838	6428	2674	0	0	0	0

Luminance Limiting Curve



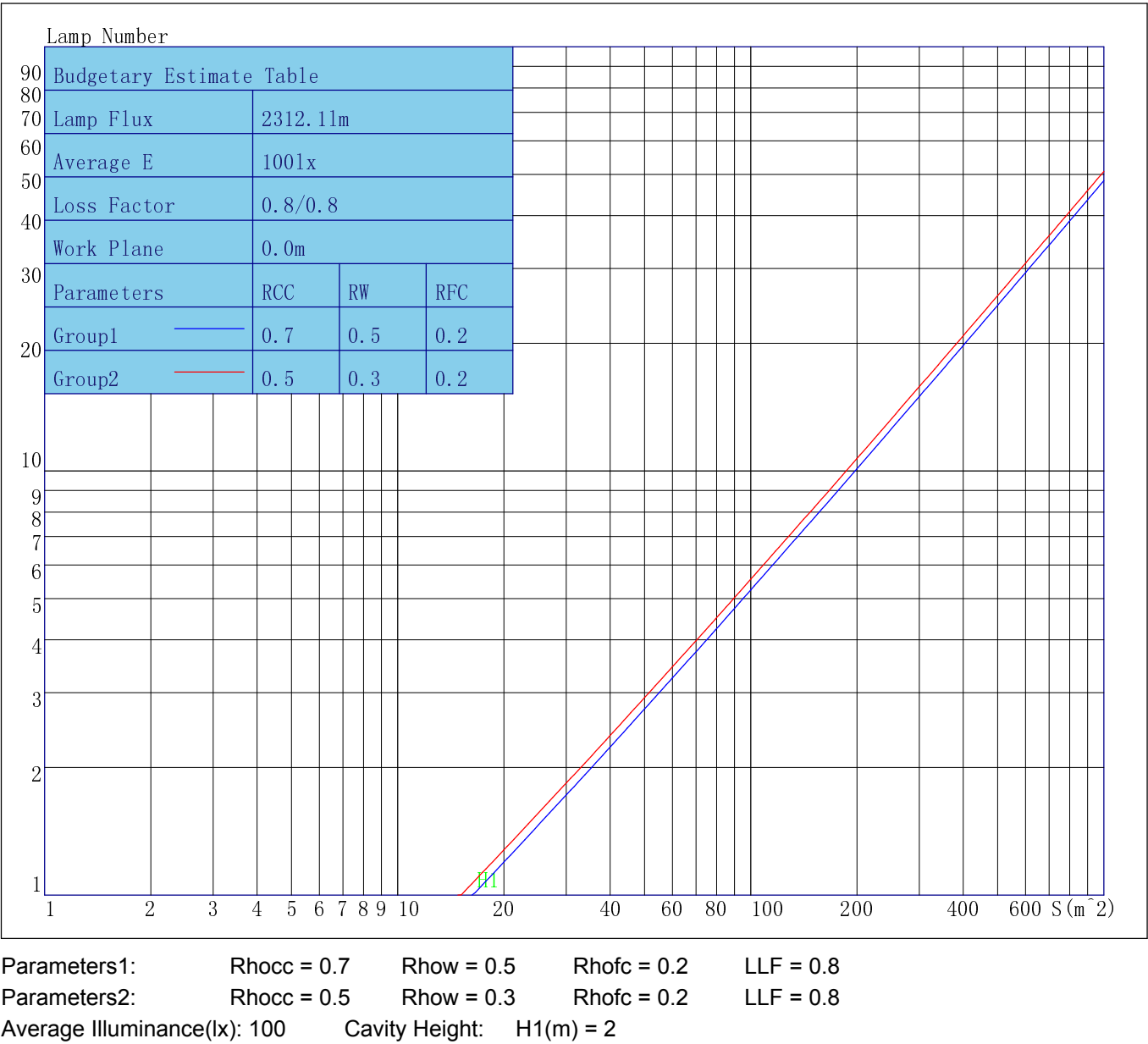
Luminous Size: Length(m)=-0.050 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963

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: 2024/03/27



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: 2024/03/27

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	114	112	109	108	112	110	108	106	105	104	102	102	100	99	98	97	96	95
2	109	105	102	99	107	103	100	98	100	98	95	97	95	93	94	93	91	90
3	105	99	95	92	103	98	94	91	95	92	89	93	90	88	91	88	87	85
4	101	94	89	86	99	93	89	85	91	87	84	89	86	83	87	84	82	81
5	97	89	84	81	95	89	84	80	87	83	80	85	82	79	84	81	78	77
6	93	85	80	77	91	84	80	76	83	79	76	82	78	75	80	77	75	73
7	89	81	76	73	88	81	76	73	80	75	72	78	75	72	77	74	71	70
8	86	78	73	69	85	77	73	69	76	72	69	75	72	69	74	71	68	67
9	83	75	70	66	82	74	70	66	73	69	66	73	69	66	72	68	66	64
10	80	72	67	64	79	71	67	64	71	66	63	70	66	63	69	66	63	62

Unified Glare Rating Table

Lum. Name:55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/03/27

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	20.9	21.8	21.2	22.1	22.5	18.1	19.1	18.5	19.4	19.7
	Y=3H	20.7	21.5	21.1	21.9	22.2	17.9	18.7	18.3	19.1	19.5
	Y=4H	20.6	21.3	21.0	21.7	22.1	17.8	18.6	18.2	18.9	19.3
	Y=6H	20.5	21.2	20.9	21.5	22.0	17.7	18.4	18.1	18.8	19.2
	Y=8H	20.4	21.1	20.8	21.5	21.9	17.6	18.3	18.1	18.7	19.1
	Y=12H	20.3	21.0	20.8	21.4	21.8	17.6	18.2	18.0	18.6	19.0
X=4H	Y=2H	20.7	21.5	21.1	21.9	22.3	17.8	18.6	18.3	19.0	19.4
	Y=3H	20.5	21.2	20.9	21.6	22.0	17.6	18.3	18.1	18.7	19.1
	Y=4H	20.4	21.0	20.8	21.4	21.9	17.5	18.1	17.9	18.5	19.0
	Y=6H	20.3	20.8	20.8	21.2	21.7	17.4	17.9	17.9	18.3	18.8
	Y=8H	20.2	20.7	20.7	21.1	21.6	17.3	17.8	17.8	18.2	18.7
	Y=12H	20.1	20.5	20.6	21.0	21.5	17.2	17.6	17.7	18.1	18.6
X=8H	Y=4H	20.2	20.7	20.7	21.1	21.6	17.3	17.8	17.8	18.2	18.7
	Y=6H	20.1	20.4	20.6	21.0	21.5	17.2	17.5	17.7	18.1	18.6
	Y=8H	20.0	20.3	20.6	20.9	21.4	17.1	17.4	17.7	18.0	18.5
	Y=12H	20.0	20.2	20.5	20.7	21.3	17.1	17.3	17.6	17.8	18.4
X=12H	Y=4H	20.1	20.5	20.6	21.0	21.5	17.2	17.6	17.7	18.1	18.6
	Y=6H	20.0	20.3	20.6	20.8	21.4	17.1	17.4	17.7	17.9	18.5
	Y=8H	20.0	20.2	20.5	20.7	21.3	17.1	17.3	17.6	17.8	18.4
Variations with the objverver position at spacings											
S=1.0H		0.0/0.0					0.0/0.0				
S=1.5H		7.5/0.0					0.0/0.0				
S=2.0H		7.8/0.0					8.3/0.0				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		0.1					0.0				

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

IES Indoor Report

Photometric Filename:DL-25W-COB-2500-BH-36D.IES

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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	5597. 54	5597. 54	5597. 54	5597. 54	5597. 54	5597. 54	5597. 54	5597. 54	5597. 54	5597. 54	5597. 54	5597. 54
γ 1. 0	5603. 08	5592. 40	5529. 36	5515. 90	5498. 77	5508. 95	5671. 10	5648. 99	5606. 91	5611. 46	5595. 54	5594. 69
γ 2. 0	5526. 83	5526. 80	5460. 51	5459. 72	5429. 23	5442. 11	5684. 95	5664. 38	5634. 20	5642. 71	5628. 44	5623. 63
γ 3. 0	5420. 27	5425. 22	5364. 25	5381. 04	5341. 44	5354. 77	5702. 17	5681. 51	5654. 08	5656. 64	5646. 16	5634. 33
γ 4. 0	5287. 90	5296. 08	5235. 40	5269. 93	5223. 52	5245. 34	5708. 21	5683. 87	5658. 64	5657. 26	5647. 52	5636. 54
γ 5. 0	5132. 01	5150. 76	5082. 79	5124. 28	5068. 79	5095. 96	5703. 81	5674. 26	5651. 79	5650. 20	5646. 14	5628. 18
γ 6. 0	4937. 36	4975. 85	4901. 98	4946. 20	4880. 60	4911. 73	5681. 97	5647. 22	5632. 02	5631. 76	5632. 95	5614. 06
γ 7. 0	4711. 26	4771. 13	4688. 74	4735. 89	4655. 88	4692. 85	5645. 61	5610. 85	5601. 85	5608. 87	5613. 82	5595. 46
γ 8. 0	4453. 55	4536. 49	4452. 59	4491. 35	4397. 64	4448. 47	5601. 94	5565. 64	5561. 62	5566. 49	5578. 37	5565. 01
γ 9. 0	4182. 92	4274. 50	4190. 29	4225. 50	4119. 64	4176. 46	5551. 69	5515. 87	5504. 86	5504. 01	5526. 04	5509. 77
γ 10. 0	3899. 25	3989. 56	3899. 92	3933. 02	3818. 87	3872. 21	5476. 37	5428. 58	5419. 43	5418. 62	5452. 76	5420. 19
γ 11. 0	3607. 53	3690. 05	3588. 09	3618. 52	3498. 79	3548. 84	5358. 00	5291. 56	5299. 39	5301. 24	5350. 54	5298. 20
γ 12. 0	3316. 64	3391. 20	3274. 87	3298. 60	3174. 94	3221. 67	5214. 18	5133. 83	5155. 60	5143. 63	5204. 66	5153. 68
γ 13. 0	3031. 96	3105. 58	2968. 83	2986. 13	2861. 68	2901. 73	5051. 51	4945. 98	4979. 57	4957. 77	5032. 33	4981. 35
γ 14. 0	2753. 58	2821. 51	2680. 01	2686. 13	2564. 98	2593. 27	4847. 12	4726. 07	4760. 82	4746. 64	4828. 98	4774. 70
γ 15. 0	2478. 04	2542. 82	2399. 60	2399. 44	2278. 39	2298. 63	4612. 71	4478. 73	4526. 03	4507. 54	4596. 02	4533. 33
γ 16. 0	2206. 68	2270. 36	2128. 81	2123. 90	2005. 83	2020. 27	4346. 31	4205. 99	4259. 07	4245. 93	4340. 52	4277. 25
γ 17. 0	1944. 49	2002. 70	1862. 23	1857. 00	1746. 11	1758. 30	4057. 40	3905. 74	3970. 11	3958. 04	4060. 53	4007. 97
γ 18. 0	1687. 41	1739. 19	1607. 39	1601. 69	1499. 13	1513. 46	3737. 41	3589. 22	3670. 02	3653. 31	3766. 43	3718. 07
γ 19. 0	1446. 40	1488. 55	1369. 80	1362. 17	1271. 92	1287. 45	3414. 12	3279. 40	3360. 05	3347. 08	3469. 96	3425. 49
γ 20. 0	1229. 42	1258. 18	1157. 45	1145. 94	1072. 51	1084. 57	3090. 88	2977. 16	3057. 68	3051. 74	3172. 93	3136. 98
γ 21. 0	1041. 95	1059. 85	977. 98	962. 91	905. 02	914. 33	2781. 90	2684. 00	2765. 36	2758. 04	2884. 79	2854. 35
γ 22. 0	884. 99	896. 82	829. 12	813. 34	766. 40	777. 28	2491. 23	2404. 25	2482. 79	2475. 08	2600. 52	2574. 91
γ 23. 0	756. 77	763. 57	708. 90	693. 34	654. 78	667. 50	2209. 10	2132. 29	2210. 64	2199. 76	2325. 82	2302. 88
γ 24. 0	654. 00	657. 22	613. 04	597. 49	564. 95	578. 91	1940. 06	1870. 84	1950. 73	1937. 08	2055. 98	2041. 14
γ 25. 0	569. 96	570. 02	533. 80	520. 29	493. 19	505. 72	1685. 27	1622. 14	1703. 84	1685. 67	1796. 44	1786. 11
γ 26. 0	501. 30	498. 61	468. 21	456. 23	435. 22	446. 15	1444. 60	1391. 09	1468. 51	1450. 08	1546. 65	1540. 98
γ 27. 0	444. 43	441. 10	413. 93	404. 41	387. 96	397. 19	1228. 62	1183. 25	1249. 78	1237. 26	1321. 05	1315. 06
γ 28. 0	396. 82	393. 86	368. 96	360. 75	347. 75	356. 83	1039. 02	1004. 60	1056. 82	1053. 99	1121. 91	1114. 15
γ 29. 0	357. 15	354. 31	331. 34	324. 31	314. 48	322. 64	881. 88	854. 22	896. 20	899. 78	954. 60	947. 37
γ 30. 0	323. 91	321. 21	300. 40	294. 11	286. 67	293. 94	752. 88	731. 70	764. 03	771. 03	817. 91	810. 78
γ 31. 0	294. 63	292. 65	273. 72	268. 26	262. 38	269. 00	648. 34	633. 65	657. 68	665. 47	706. 03	699. 78
γ 32. 0	269. 21	267. 48	250. 35	246. 25	241. 16	246. 62	563. 05	553. 62	569. 59	577. 02	613. 90	608. 79
γ 33. 0	246. 71	244. 84	229. 73	225. 63	221. 26	225. 98	492. 37	487. 07	497. 85	503. 42	537. 86	533. 52
γ 34. 0	226. 27	224. 64	211. 07	207. 68	203. 56	208. 19	434. 47	430. 75	439. 52	443. 31	475. 26	471. 27
γ 35. 0	208. 49	206. 73	194. 57	191. 40	187. 86	192. 28	387. 18	383. 96	391. 08	394. 56	422. 42	419. 73
γ 36. 0	192. 37	190. 58	179. 54	176. 71	173. 65	177. 70	347. 58	345. 14	350. 60	354. 33	378. 54	376. 00
γ 37. 0	178. 04	176. 16	166. 29	163. 78	161. 20	164. 79	315. 16	311. 75	317. 89	320. 38	341. 03	339. 38
γ 38. 0	164. 91	162. 94	154. 23	152. 01	149. 73	152. 57	287. 47	283. 63	289. 35	291. 22	308. 75	307. 65
γ 39. 0	152. 55	150. 61	142. 85	141. 16	138. 95	141. 52	262. 97	259. 10	264. 87	265. 48	280. 88	280. 19
γ 40. 0	141. 13	139. 64	132. 56	131. 32	128. 75	131. 09	241. 10	237. 26	242. 20	242. 65	256. 06	255. 64
γ 41. 0	131. 07	129. 75	123. 00	122. 37	119. 87	121. 81	221. 05	217. 82	222. 36	222. 50	234. 23	233. 72
γ 42. 0	121. 75	120. 64	114. 58	114. 08	111. 85	113. 47	203. 80	200. 59	204. 79	204. 29	214. 56	214. 48
γ 43. 0	113. 33	112. 41	107. 10	106. 45	104. 54	105. 80	188. 23	184. 77	188. 83	188. 62	197. 10	197. 54
γ 44. 0	105. 64	105. 27	100. 17	99. 90	97. 11	97. 87	174. 48	170. 82	174. 49	173. 91	181. 46	182. 13
γ 45. 0	94. 96	95. 58	89. 41	89. 47	85. 43	86. 24	161. 61	157. 95	161. 44	160. 72	167. 43	167. 97
γ 46. 0	84. 89	85. 18	79. 55	79. 14	75. 94	76. 28	149. 78	146. 24	149. 51	148. 76	154. 70	155. 38

# IES Indoor Report

## Candela Tabulation - (Cont.)

[illegible]



IES Indoor Report

Photometric Filename:DL-25W-COB-2500-BH-36D.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 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 133.0	0.09	0.00	0.08	0.01	0.22	0.22	0.00	0.00	0.00	0.00	0.00	0.00
γ 134.0	0.50	0.38	0.44	0.44	0.54	0.59	0.00	0.00	0.00	0.00	0.00	0.00
γ 135.0	0.75	0.66	0.69	0.74	0.88	0.95	0.00	0.00	0.00	0.00	0.00	0.00
γ 136.0	1.14	1.03	1.19	1.18	1.22	1.34	0.00	0.00	0.00	0.00	0.00	0.00
γ 137.0	1.49	1.45	1.54	1.50	1.67	1.65	0.00	0.00	0.00	0.00	0.00	0.00
γ 138.0	1.95	1.83	1.90	1.88	2.09	2.02	0.00	0.00	0.00	0.00	0.00	0.00
γ 139.0	2.34	2.16	2.23	2.28	2.36	2.41	0.00	0.00	0.00	0.00	0.00	0.00
γ 140.0	2.71	2.65	2.63	2.66	2.87	2.82	0.04	0.10	0.00	0.00	0.00	0.00

**Photometric Filename:DL-25W-COB-2500-BH-36D.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	3.09	3.06	3.02	3.05	3.22	3.22	0.40	0.42	0.22	0.31	0.20	0.22
γ 142.0	3.56	3.42	3.46	3.56	3.66	3.68	0.75	0.74	0.61	0.69	0.56	0.54
γ 143.0	3.88	3.77	3.79	3.87	4.05	4.03	1.09	1.09	0.92	0.92	0.99	0.93
γ 144.0	4.33	4.15	4.16	4.25	4.40	4.44	1.52	1.50	1.33	1.39	1.28	1.32
γ 145.0	4.75	4.63	4.62	4.66	4.82	4.82	1.90	1.84	1.67	1.75	1.67	1.66
γ 146.0	5.19	4.95	4.94	5.13	5.23	5.28	2.28	2.35	2.13	2.11	2.04	2.08
γ 147.0	5.58	5.39	5.36	5.44	5.63	5.62	2.68	2.69	2.43	2.49	2.48	2.51
γ 148.0	5.96	5.75	5.74	5.81	6.02	6.01	3.10	3.06	2.82	2.93	2.86	2.85
γ 149.0	6.34	6.13	6.10	6.22	6.43	6.41	3.40	3.40	3.23	3.26	3.27	3.30
γ 150.0	6.68	6.55	6.43	6.63	6.63	6.74	3.87	3.80	3.58	3.61	3.63	3.69
γ 151.0	7.04	6.88	6.76	6.87	7.06	7.09	4.29	4.23	3.95	4.07	4.00	4.11
γ 152.0	7.42	7.19	7.12	7.24	7.37	7.45	4.70	4.59	4.31	4.46	4.49	4.45
γ 153.0	7.64	7.45	7.41	7.45	7.67	7.72	5.13	5.05	4.71	4.79	4.89	4.84
γ 154.0	7.95	7.80	7.69	7.77	7.86	7.96	5.52	5.35	5.04	5.19	5.19	5.24
γ 155.0	8.19	7.96	7.98	7.97	8.18	8.22	5.85	5.72	5.38	5.54	5.58	5.62
γ 156.0	8.46	8.17	8.19	8.23	8.41	8.42	6.19	6.11	5.82	5.86	5.93	5.96
γ 157.0	8.62	8.44	8.36	8.44	8.58	8.64	6.58	6.44	6.08	6.22	6.20	6.31
γ 158.0	8.80	8.57	8.52	8.61	8.67	8.71	6.97	6.75	6.36	6.51	6.61	6.73
γ 159.0	8.97	8.72	8.63	8.71	8.81	8.82	7.30	7.07	6.72	6.79	6.95	6.97
γ 160.0	9.03	8.84	8.80	8.83	8.94	8.98	7.64	7.31	7.01	7.07	7.23	7.29
γ 161.0	9.18	9.00	8.91	8.85	8.97	9.07	7.80	7.62	7.27	7.37	7.54	7.64
γ 162.0	9.18	9.03	8.97	8.94	9.01	9.16	8.10	7.84	7.53	7.61	7.77	7.88
γ 163.0	9.31	9.12	8.96	9.01	9.09	9.15	8.35	8.05	7.66	7.80	7.91	8.09
γ 164.0	9.26	9.21	9.02	9.06	9.04	9.16	8.47	8.23	7.83	7.93	8.11	8.26
γ 165.0	9.34	9.18	9.06	9.04	9.05	9.13	8.71	8.38	8.01	8.05	8.28	8.38
γ 166.0	9.25	9.14	8.99	9.01	8.97	9.13	8.86	8.47	8.14	8.17	8.35	8.55
γ 167.0	9.30	9.14	9.02	8.97	8.95	9.11	8.83	8.59	8.27	8.25	8.53	8.73
γ 168.0	9.23	9.09	8.96	8.94	8.95	9.14	9.00	8.58	8.37	8.44	8.66	8.79
γ 169.0	9.26	9.13	8.85	8.89	8.95	9.14	9.05	8.63	8.43	8.41	8.67	8.92
γ 170.0	9.22	9.14	8.92	8.90	8.83	9.10	9.15	8.73	8.51	8.43	8.67	8.88
γ 171.0	9.25	9.10	8.94	8.88	8.93	9.10	9.09	8.73	8.53	8.49	8.71	8.95
γ 172.0	9.24	9.05	8.91	8.86	8.82	9.07	9.09	8.72	8.62	8.49	8.75	8.94