

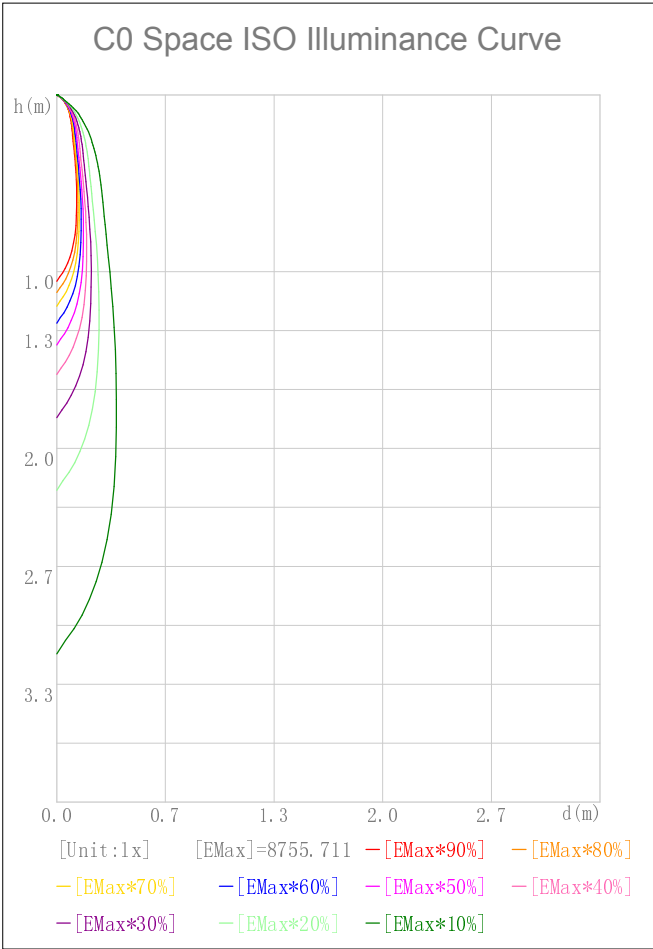
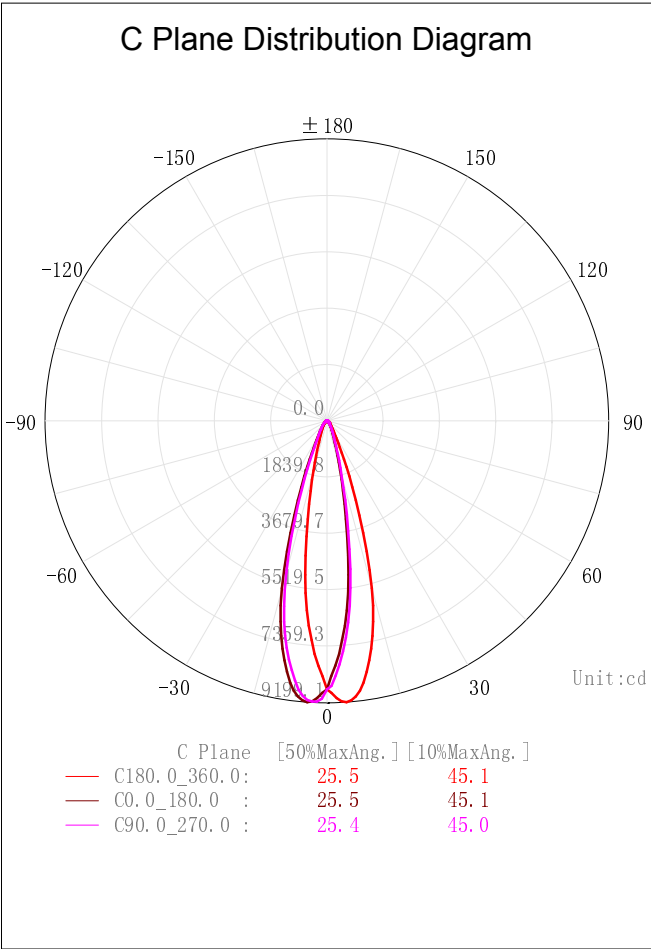
Indoor Luminaire Photometric Data

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

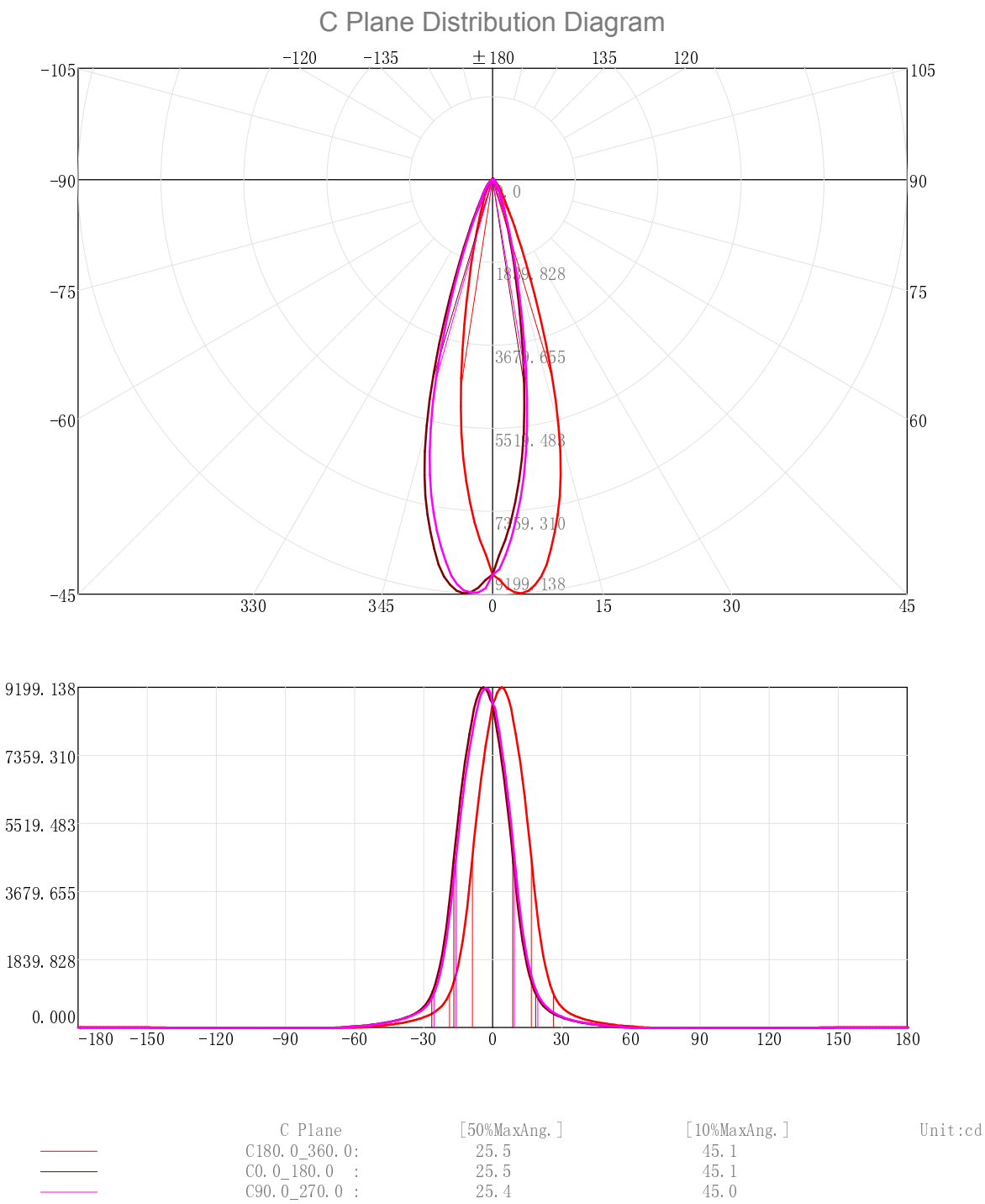
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 2346.720	Luminary Flux(lm): 2346.723	Field Angle(10%Imax): 45.1(°)	
Rated Power(W): 25	Luminary Efficiency: 100.00%	Down Lumens&Percent: 2337.466lm 99.61%	
Rated Voltage(V): 220	Luminary EER(lm/W): 102.567	Up Lumens&Percent: 9.258lm 0.39%	
Tested Power(W): 22.880	Max. Candela(cd): 9199.138	S/MH: C0_a180=0.447 C90_270=0.443	
Lamps' Inside: 1	Max Cand@Ang.(°): C=180.0 γ=4.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):230.4, 0.104, 0.955	Beam Angle(50%Imax): 25.5(°)	ErP Φ use(90°): 2260.398lm	
Lamp Size(W*L*H):0.050m*-0.050m*0.000m	Left=-8.8°, Right=16.8°	IRF(%): 889.865	



2D Plane Light Intensity Distribution Curve

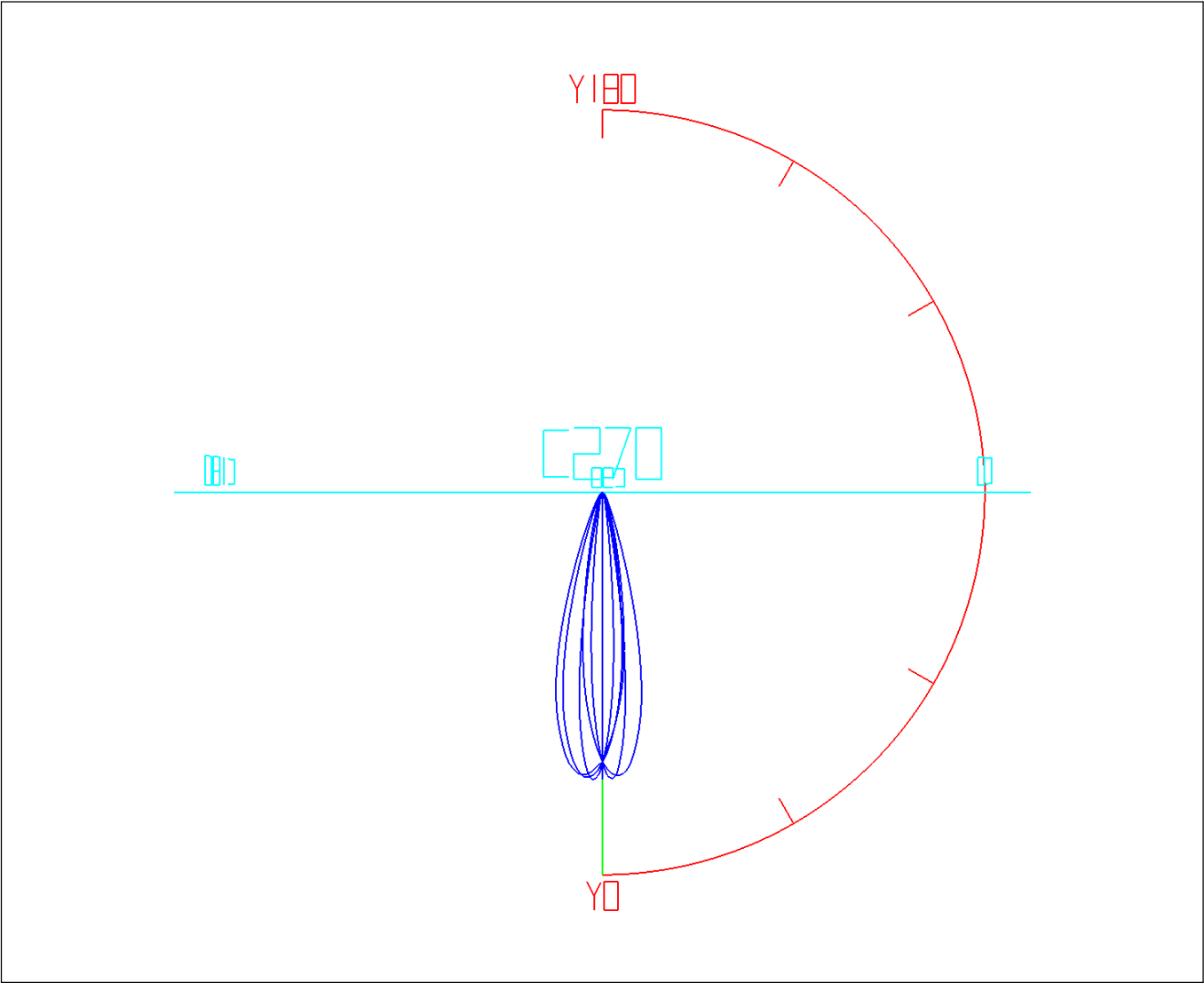
Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2024/03/27



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: 2024/03/27

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-24D.IES**

## Zonal Flux Tabulation

Zone( $\gamma$ )	Zone Flux (1m)	Sums Flux (1m)	Zone%Lamp	Sums%Lamp	Zone( $\gamma$ )	Zone Flux (1m)	Sums Flux (1m)	Zone%Lamp	Sums%Lamp
0.0-1.0	8.37	8.37	0.36	0.36	47.0-48.0	7.50	2280.19	0.32	97.16
1.0-2.0	24.95	33.32	1.06	1.42	48.0-49.0	6.99	2287.18	0.30	97.46
2.0-3.0	40.96	74.28	1.75	3.17	49.0-50.0	6.50	2293.68	0.28	97.74
3.0-4.0	56.07	130.34	2.39	5.55	50.0-51.0	6.02	2299.70	0.26	98.00
4.0-5.0	69.98	200.33	2.98	8.54	51.0-52.0	5.49	2305.19	0.23	98.23
5.0-6.0	82.37	282.70	3.51	12.05	52.0-53.0	4.94	2310.13	0.21	98.44
6.0-7.0	92.86	375.55	3.96	16.00	53.0-54.0	4.40	2314.53	0.19	98.63
7.0-8.0	101.15	476.70	4.31	20.31	54.0-55.0	3.85	2318.38	0.16	98.79
8.0-9.0	107.19	583.89	4.57	24.88	55.0-56.0	3.33	2321.71	0.14	98.93
9.0-10.0	110.99	694.88	4.73	29.61	56.0-57.0	2.89	2324.59	0.12	99.06
10.0-11.0	112.80	807.68	4.81	34.42	57.0-58.0	2.51	2327.11	0.11	99.16
11.0-12.0	112.94	920.62	4.81	39.23	58.0-59.0	2.19	2329.29	0.09	99.26
12.0-13.0	111.50	1032.12	4.75	43.98	59.0-60.0	1.90	2331.19	0.08	99.34
13.0-14.0	108.47	1140.58	4.62	48.60	60.0-61.0	1.60	2332.79	0.07	99.41
14.0-15.0	103.88	1244.47	4.43	53.03	61.0-62.0	1.28	2334.07	0.05	99.46
15.0-16.0	97.91	1342.37	4.17	57.20	62.0-63.0	0.97	2335.04	0.04	99.50
16.0-17.0	90.81	1433.19	3.87	61.07	63.0-64.0	0.72	2335.77	0.03	99.53
17.0-18.0	82.93	1516.11	3.53	64.61	64.0-65.0	0.52	2336.29	0.02	99.56
18.0-19.0	74.75	1590.86	3.19	67.79	65.0-66.0	0.37	2336.66	0.02	99.57
19.0-20.0	66.82	1657.68	2.85	70.64	66.0-67.0	0.25	2336.91	0.01	99.58
20.0-21.0	59.47	1717.15	2.53	73.17	67.0-68.0	0.19	2337.10	0.01	99.59
21.0-22.0	52.79	1769.94	2.25	75.42	68.0-69.0	0.14	2337.24	0.01	99.60
22.0-23.0	46.80	1816.74	1.99	77.42	69.0-70.0	0.10	2337.34	0.00	99.60
23.0-24.0	41.52	1858.26	1.77	79.19	70.0-71.0	0.07	2337.41	0.00	99.60
24.0-25.0	36.98	1895.24	1.58	80.76	71.0-72.0	0.04	2337.45	0.00	99.60
25.0-26.0	33.15	1928.40	1.41	82.17	72.0-73.0	0.01	2337.46	0.00	99.61
26.0-27.0	29.97	1958.37	1.28	83.45	73.0-74.0	0.00	2337.47	0.00	99.61
27.0-28.0	27.35	1985.72	1.17	84.62	74.0-75.0	0.00	2337.47	0.00	99.61
28.0-29.0	25.19	2010.90	1.07	85.69	75.0-76.0	0.00	2337.47	0.00	99.61
29.0-30.0	23.38	2034.29	1.00	86.69	76.0-77.0	0.00	2337.47	0.00	99.61
30.0-31.0	21.81	2056.10	0.93	87.62	77.0-78.0	0.00	2337.47	0.00	99.61
31.0-32.0	20.40	2076.49	0.87	88.48	78.0-79.0	0.00	2337.47	0.00	99.61
32.0-33.0	19.13	2095.63	0.82	89.30	79.0-80.0	0.00	2337.47	0.00	99.61
33.0-34.0	18.00	2113.63	0.77	90.07	80.0-81.0	0.00	2337.47	0.00	99.61
34.0-35.0	16.98	2130.61	0.72	90.79	81.0-82.0	0.00	2337.47	0.00	99.61
35.0-36.0	16.05	2146.66	0.68	91.47	82.0-83.0	0.00	2337.47	0.00	99.61
36.0-37.0	15.18	2161.84	0.65	92.12	83.0-84.0	0.00	2337.47	0.00	99.61
37.0-38.0	14.34	2176.18	0.61	92.73	84.0-85.0	0.00	2337.47	0.00	99.61
38.0-39.0	13.51	2189.70	0.58	93.31	85.0-86.0	0.00	2337.47	0.00	99.61
39.0-40.0	12.74	2202.44	0.54	93.85	86.0-87.0	0.00	2337.47	0.00	99.61
40.0-41.0	12.03	2214.47	0.51	94.36	87.0-88.0	0.00	2337.47	0.00	99.61
41.0-42.0	11.36	2225.82	0.48	94.85	88.0-89.0	0.00	2337.47	0.00	99.61
42.0-43.0	10.70	2236.52	0.46	95.30	89.0-90.0	0.00	2337.47	0.00	99.61
43.0-44.0	10.04	2246.57	0.43	95.73	90.0-91.0	0.00	2337.47	0.00	99.61
44.0-45.0	9.37	2255.94	0.40	96.13	91.0-92.0	0.00	2337.47	0.00	99.61
45.0-46.0	8.69	2264.63	0.37	96.50	92.0-93.0	0.00	2337.47	0.00	99.61
46.0-47.0	8.06	2272.69	0.34	96.85	93.0-94.0	0.00	2337.47	0.00	99.61

IES Indoor Report

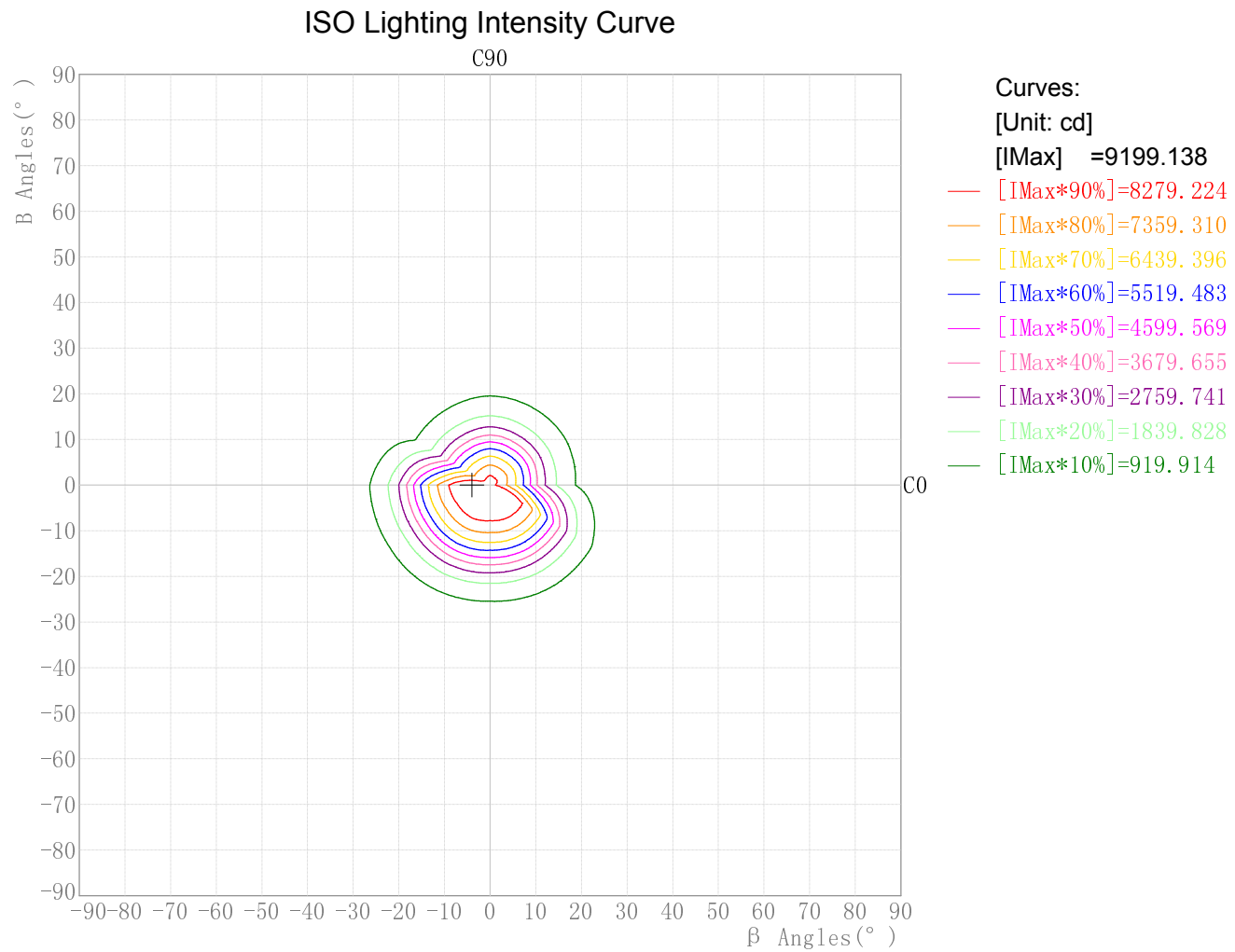
Photometric Filename:DL-25W-COB-2500-BH-24D.IES

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	2337.47	0.00	99.61	141.0-142.0	0.12	2337.98	0.01	99.63
95.0-96.0	0.00	2337.47	0.00	99.61	142.0-143.0	0.15	2338.13	0.01	99.63
96.0-97.0	0.00	2337.47	0.00	99.61	143.0-144.0	0.18	2338.30	0.01	99.64
97.0-98.0	0.00	2337.47	0.00	99.61	144.0-145.0	0.20	2338.50	0.01	99.65
98.0-99.0	0.00	2337.47	0.00	99.61	145.0-146.0	0.23	2338.73	0.01	99.66
99.0-100.0	0.00	2337.47	0.00	99.61	146.0-147.0	0.25	2338.98	0.01	99.67
100.0-101.0	0.00	2337.47	0.00	99.61	147.0-148.0	0.27	2339.25	0.01	99.68
101.0-102.0	0.00	2337.47	0.00	99.61	148.0-149.0	0.29	2339.54	0.01	99.69
102.0-103.0	0.00	2337.47	0.00	99.61	149.0-150.0	0.31	2339.85	0.01	99.71
103.0-104.0	0.00	2337.47	0.00	99.61	150.0-151.0	0.32	2340.17	0.01	99.72
104.0-105.0	0.00	2337.47	0.00	99.61	151.0-152.0	0.33	2340.50	0.01	99.73
105.0-106.0	0.00	2337.47	0.00	99.61	152.0-153.0	0.34	2340.84	0.01	99.75
106.0-107.0	0.00	2337.47	0.00	99.61	153.0-154.0	0.35	2341.19	0.01	99.76
107.0-108.0	0.00	2337.47	0.00	99.61	154.0-155.0	0.35	2341.55	0.02	99.78
108.0-109.0	0.00	2337.47	0.00	99.61	155.0-156.0	0.36	2341.90	0.02	99.79
109.0-110.0	0.00	2337.47	0.00	99.61	156.0-157.0	0.35	2342.26	0.02	99.81
110.0-111.0	0.00	2337.47	0.00	99.61	157.0-158.0	0.35	2342.61	0.01	99.82
111.0-112.0	0.00	2337.47	0.00	99.61	158.0-159.0	0.35	2342.96	0.01	99.84
112.0-113.0	0.00	2337.47	0.00	99.61	159.0-160.0	0.34	2343.29	0.01	99.85
113.0-114.0	0.00	2337.47	0.00	99.61	160.0-161.0	0.33	2343.62	0.01	99.87
114.0-115.0	0.00	2337.47	0.00	99.61	161.0-162.0	0.32	2343.94	0.01	99.88
115.0-116.0	0.00	2337.47	0.00	99.61	162.0-163.0	0.30	2344.24	0.01	99.89
116.0-117.0	0.00	2337.47	0.00	99.61	163.0-164.0	0.29	2344.53	0.01	99.91
117.0-118.0	0.00	2337.47	0.00	99.61	164.0-165.0	0.27	2344.80	0.01	99.92
118.0-119.0	0.00	2337.47	0.00	99.61	165.0-166.0	0.25	2345.06	0.01	99.93
119.0-120.0	0.00	2337.47	0.00	99.61	166.0-167.0	0.24	2345.29	0.01	99.94
120.0-121.0	0.00	2337.47	0.00	99.61	167.0-168.0	0.22	2345.51	0.01	99.95
121.0-122.0	0.00	2337.47	0.00	99.61	168.0-169.0	0.20	2345.71	0.01	99.96
122.0-123.0	0.00	2337.47	0.00	99.61	169.0-170.0	0.18	2345.89	0.01	99.96
123.0-124.0	0.00	2337.47	0.00	99.61	170.0-171.0	0.16	2346.05	0.01	99.97
124.0-125.0	0.00	2337.47	0.00	99.61	171.0-172.0	0.14	2346.19	0.01	99.98
125.0-126.0	0.00	2337.47	0.00	99.61	172.0-173.0	0.13	2346.32	0.01	99.98
126.0-127.0	0.00	2337.47	0.00	99.61	173.0-174.0	0.11	2346.43	0.00	99.99
127.0-128.0	0.00	2337.47	0.00	99.61	174.0-175.0	0.09	2346.52	0.00	99.99
128.0-129.0	0.00	2337.47	0.00	99.61	175.0-176.0	0.07	2346.59	0.00	99.99
129.0-130.0	0.00	2337.47	0.00	99.61	176.0-177.0	0.06	2346.65	0.00	100.00
130.0-131.0	0.00	2337.47	0.00	99.61	177.0-178.0	0.04	2346.69	0.00	100.00
131.0-132.0	0.00	2337.47	0.00	99.61	178.0-179.0	0.02	2346.72	0.00	100.00
132.0-133.0	0.00	2337.47	0.00	99.61	179.0-180.0	0.01	2346.72	0.00	100.00
133.0-134.0	0.00	2337.47	0.00	99.61					
134.0-135.0	0.01	2337.48	0.00	99.61					
135.0-136.0	0.03	2337.50	0.00	99.61					
136.0-137.0	0.04	2337.54	0.00	99.61					
137.0-138.0	0.05	2337.60	0.00	99.61					
138.0-139.0	0.07	2337.67	0.00	99.61					
139.0-140.0	0.08	2337.75	0.00	99.62					
140.0-141.0	0.10	2337.85	0.00	99.62					

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



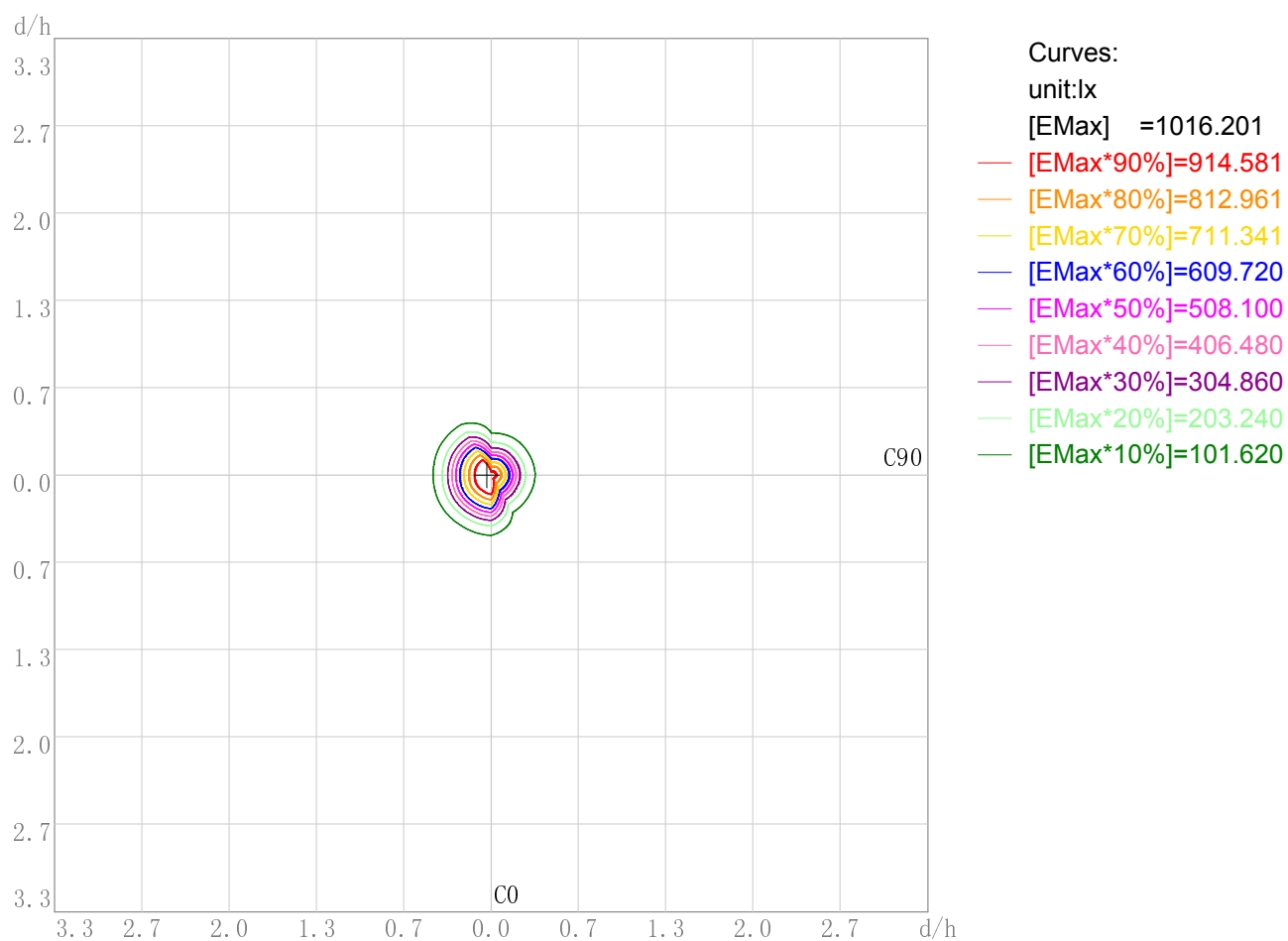
Maximum Light Intensity(cd): 9199.14  
Maximum Cand.@Angle: H=-4.0°,V=0.0°

**Photometric Filename:DL-25W-COB-2500-BH-24D.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): 1016.20

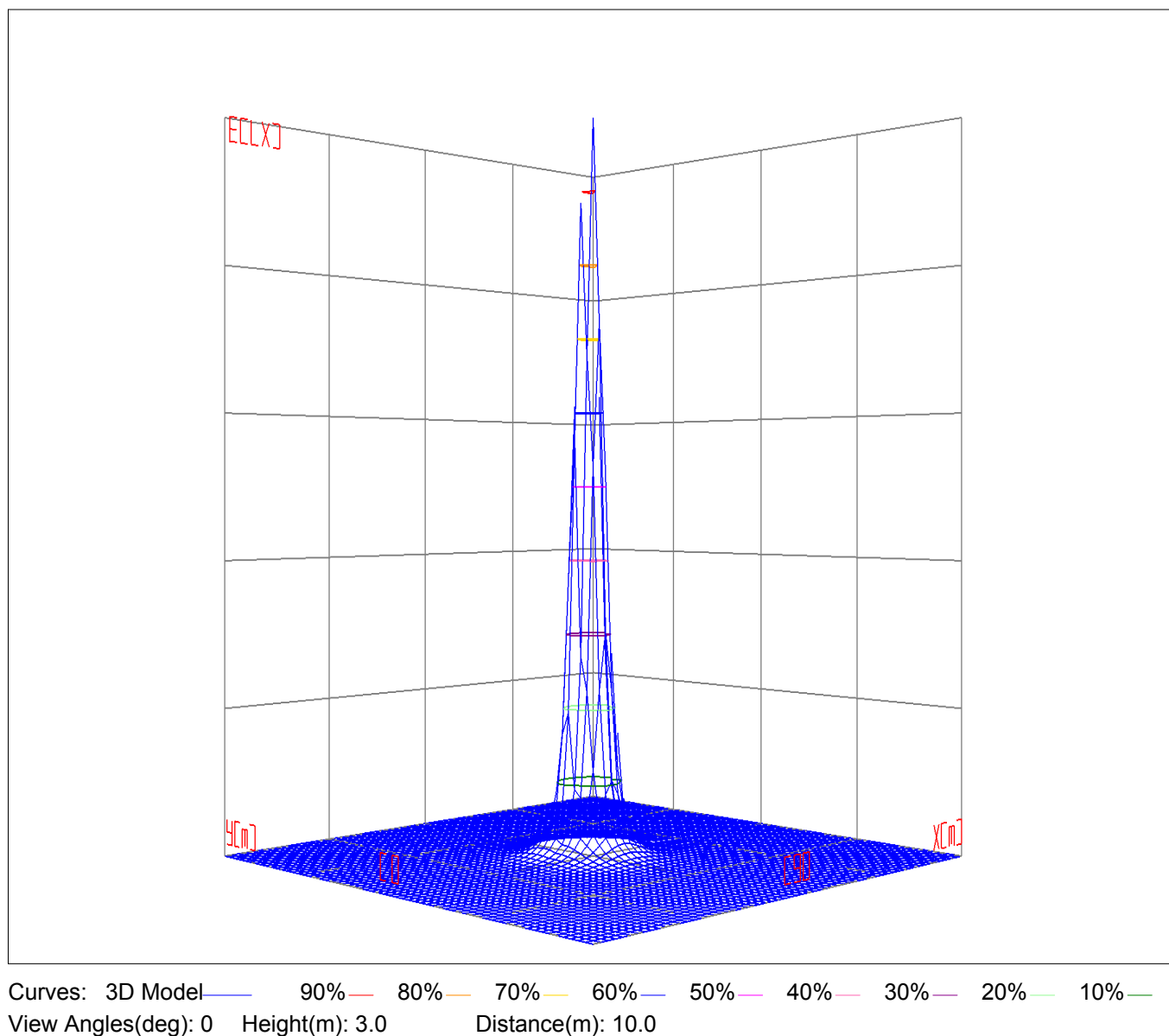
Working Plane Maximum Illuminance Position(d/h):H-0.0 V-0.0

**Photometric Filename:DL-25W-COB-2500-BH-24D.IES**

### 3D Plane ISO Illuminance Diagram

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

### 3D Plane Illuminance Modal

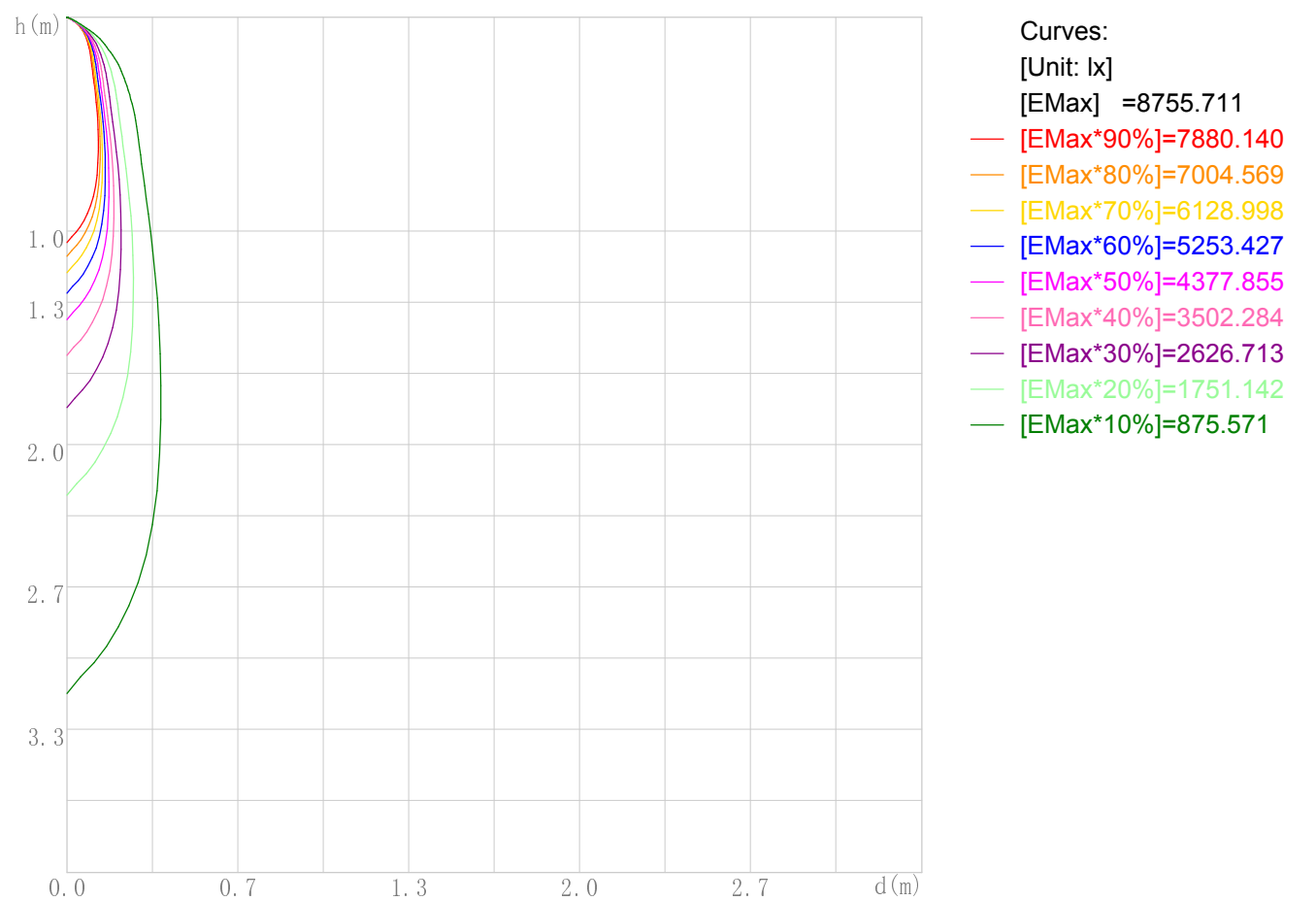




Space ISO Illuminance Diagram

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

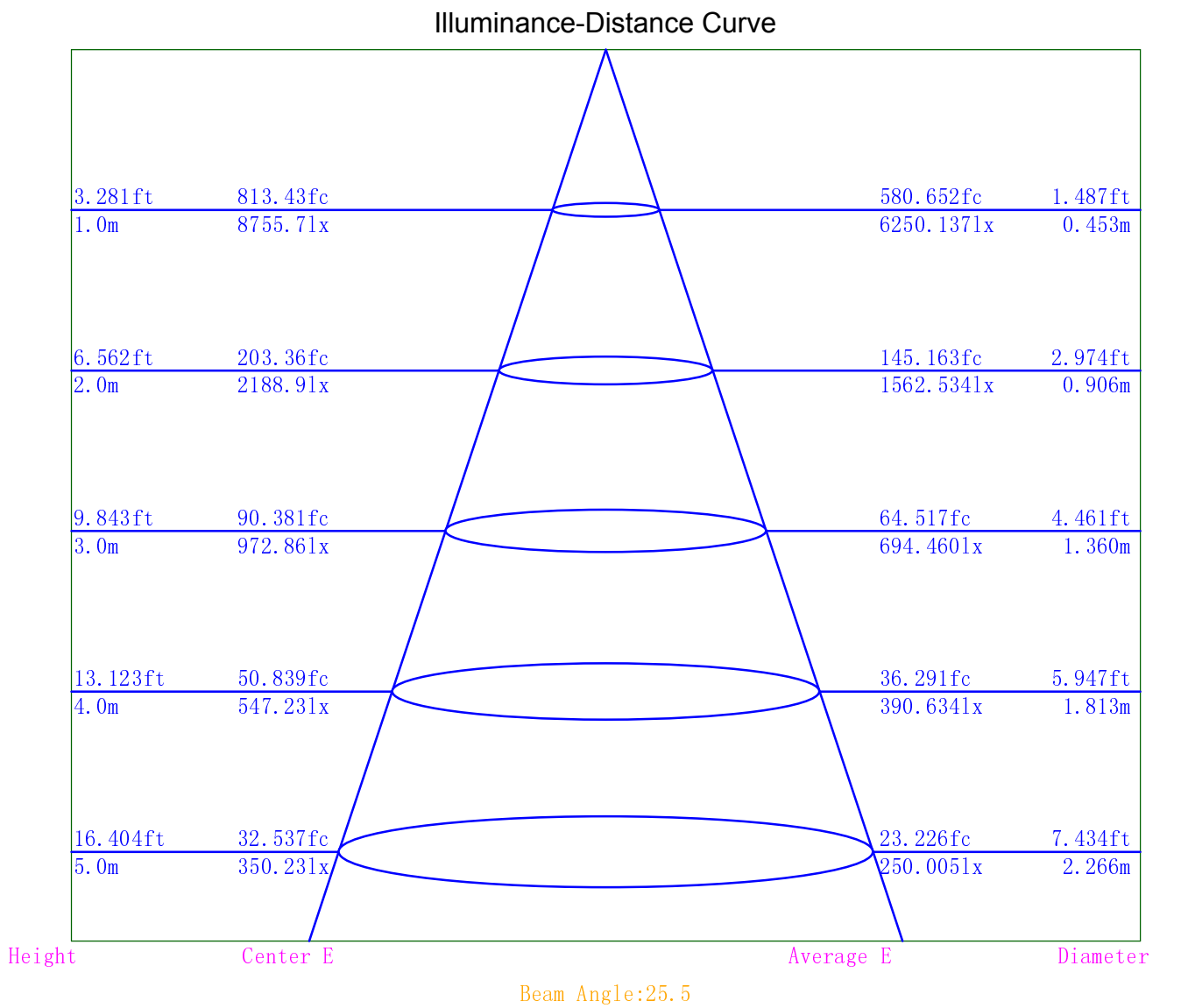
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:8755.71lx,0.0deg  
Plane Maximum Lighting Intensity and @Angle:8755.711cd,0deg

Illuminance-Distance Diagram

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



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

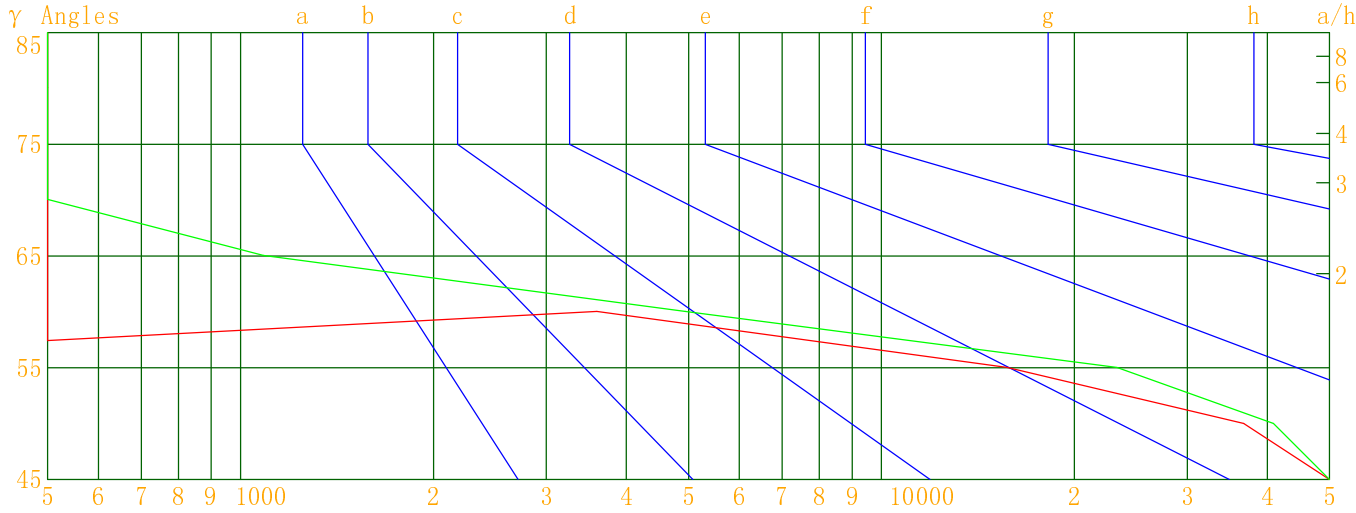
Glare Grade Table

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	56197	36757	15709	3595	86	0	0	0	0
C90	63781	40883	23307	4941	1086	0	0	0	0

Luminance Limiting Curve



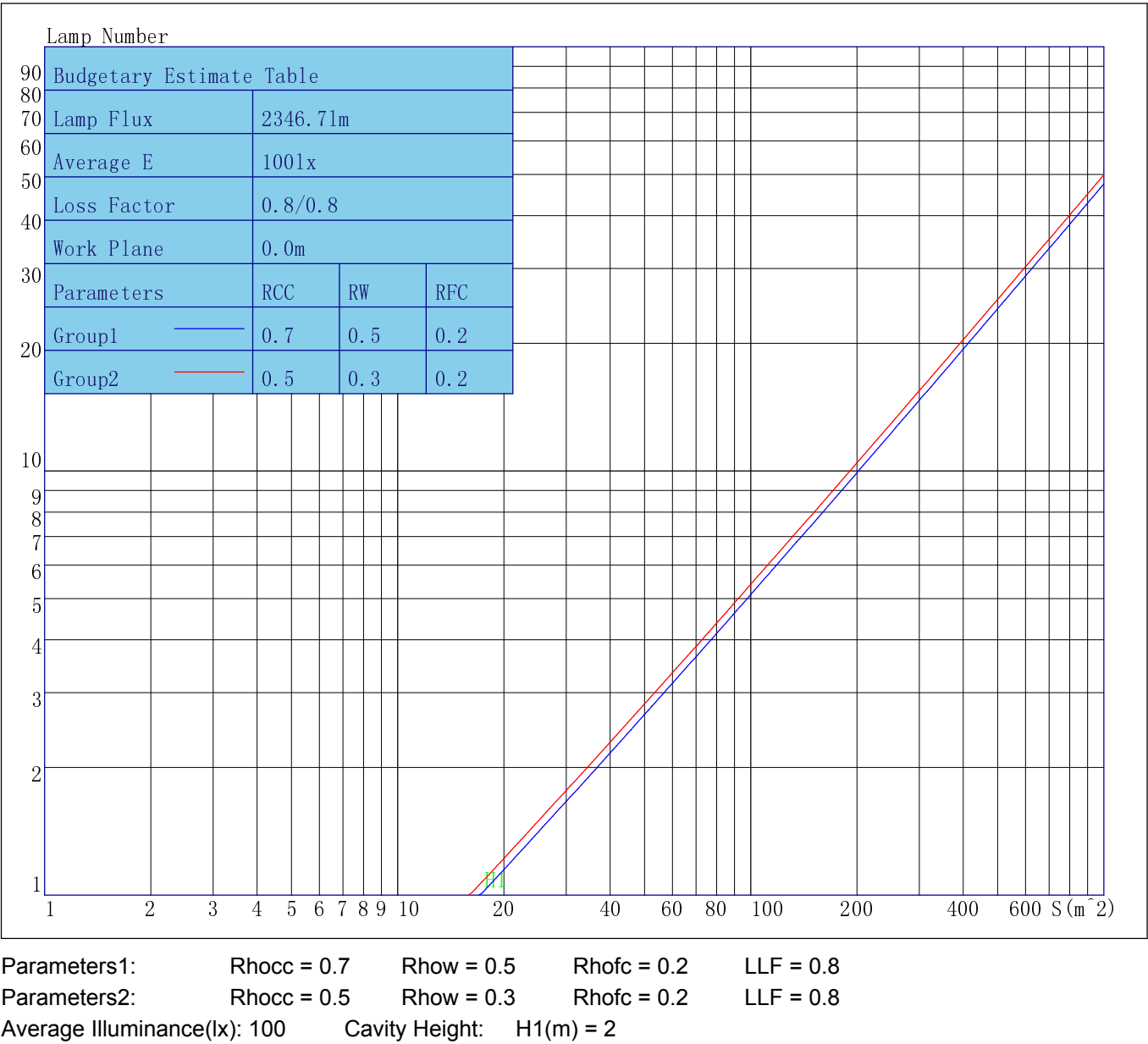
Luminous Size:Length(m)=-0.050Width(m)=-0.050Height(m)=0.000Area(m^2)=0.001963

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

Unified Glare Rating Table

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

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	19.6	20.6	20.0	20.9	21.2	18.0	19.0	18.4	19.3	19.6
	Y=3H	19.4	20.2	19.8	20.6	21.0	17.8	18.6	18.2	19.0	19.4
	Y=4H	19.3	20.1	19.7	20.4	20.8	17.7	18.5	18.1	18.8	19.2
	Y=6H	19.2	19.9	19.6	20.3	20.7	17.6	18.3	18.0	18.7	19.1
	Y=8H	19.1	19.8	19.6	20.2	20.6	17.5	18.2	18.0	18.6	19.0
	Y=12H	19.1	19.7	19.5	20.1	20.5	17.5	18.1	17.9	18.5	18.9
X=4H	Y=2H	19.4	20.2	19.9	20.6	21.0	17.8	18.5	18.2	18.9	19.3
	Y=3H	19.2	19.8	19.6	20.3	20.7	17.5	18.2	18.0	18.6	19.0
	Y=4H	19.1	19.7	19.5	20.1	20.5	17.4	18.0	17.9	18.4	18.9
	Y=6H	19.0	19.5	19.5	19.9	20.4	17.3	17.8	17.8	18.2	18.7
	Y=8H	18.9	19.3	19.4	19.8	20.3	17.2	17.7	17.7	18.1	18.6
	Y=12H	18.8	19.2	19.3	19.7	20.2	17.2	17.5	17.7	18.0	18.5
X=8H	Y=4H	18.9	19.3	19.4	19.8	20.3	17.2	17.7	17.7	18.1	18.6
	Y=6H	18.8	19.1	19.3	19.6	20.2	17.1	17.4	17.6	18.0	18.5
	Y=8H	18.7	19.0	19.2	19.5	20.0	17.0	17.3	17.6	17.9	18.4
	Y=12H	18.6	18.9	19.2	19.4	20.0	17.0	17.2	17.5	17.7	18.3
X=12H	Y=4H	18.8	19.2	19.3	19.7	20.2	17.2	17.5	17.7	18.0	18.5
	Y=6H	18.7	19.0	19.3	19.5	20.1	17.0	17.3	17.6	17.8	18.4
	Y=8H	18.6	18.9	19.2	19.4	20.0	17.0	17.2	17.5	17.7	18.3
Variations with the objverver position at spacings											
S=1.0H		0.0/0.0					0.0/0.0				
S=1.5H		9.9/0.0					0.0/0.0				
S=2.0H		8.5/0.0					10.0/0.0				
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-24D.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	8755.71	8755.71	8755.71	8755.71	8755.71	8755.71	8755.71	8755.71	8755.71	8755.71	8755.71	8755.71
γ 1.0	8335.46	8544.14	8537.71	8643.27	8509.26	8459.89	8878.09	8992.08	9029.75	9062.99	8957.95	8934.58
γ 2.0	7997.33	8226.06	8216.95	8320.51	8180.30	8134.24	9053.02	9122.88	9142.15	9162.54	9105.47	9063.47
γ 3.0	7613.90	7858.79	7856.01	7953.66	7785.89	7760.74	9157.17	9175.72	9176.29	9166.47	9143.95	9117.18
γ 4.0	7175.14	7450.93	7443.22	7536.86	7373.83	7351.77	9199.14	9168.72	9160.27	9129.47	9130.29	9109.52
γ 5.0	6713.63	6995.06	6985.47	7094.33	6945.29	6910.81	9152.93	9065.24	9059.62	9007.29	9037.03	9019.19
γ 6.0	6220.77	6495.81	6493.44	6620.86	6442.61	6433.96	9035.85	8891.02	8878.89	8821.99	8882.61	8878.27
γ 7.0	5666.05	5963.29	5949.18	6087.11	5887.73	5903.71	8865.35	8664.72	8641.40	8532.66	8614.12	8647.67
γ 8.0	5076.03	5381.41	5359.60	5509.34	5291.12	5334.06	8622.05	8372.61	8349.83	8217.82	8315.30	8346.04
γ 9.0	4456.33	4765.16	4740.86	4894.66	4690.45	4732.29	8289.92	8034.72	8012.88	7887.05	8008.03	8019.28
γ 10.0	3834.98	4146.09	4108.04	4258.59	4075.78	4119.29	7935.12	7689.71	7653.85	7519.51	7640.51	7664.95
γ 11.0	3272.75	3553.87	3510.26	3660.64	3491.39	3526.64	7569.84	7317.92	7278.77	7130.89	7235.61	7272.00
γ 12.0	2774.27	3018.63	2978.02	3118.29	2962.67	2991.76	7171.23	6901.37	6864.41	6701.29	6836.56	6841.73
γ 13.0	2347.44	2555.10	2524.91	2646.17	2508.71	2536.47	6720.08	6435.38	6394.77	6211.32	6350.19	6352.48
γ 14.0	1988.29	2156.87	2138.20	2239.65	2126.65	2142.68	6212.35	5905.69	5877.15	5683.19	5820.14	5813.29
γ 15.0	1677.41	1817.17	1804.77	1893.92	1793.02	1806.67	5651.39	5338.92	5302.94	5110.29	5266.96	5237.41
γ 16.0	1412.23	1529.16	1520.49	1604.76	1512.67	1522.79	5067.21	4746.66	4707.18	4525.78	4684.27	4647.82
γ 17.0	1196.36	1296.82	1287.43	1361.53	1276.99	1281.35	4456.57	4137.28	4115.24	3929.67	4101.73	4056.29
γ 18.0	1021.34	1108.09	1104.09	1157.93	1082.43	1082.10	3843.01	3546.94	3548.56	3368.76	3511.23	3482.14
γ 19.0	876.88	951.70	952.76	991.95	926.07	919.02	3264.42	3008.09	3008.15	2855.25	2981.26	2966.80
γ 20.0	760.84	822.85	828.43	857.62	802.24	789.10	2756.65	2530.90	2535.13	2403.59	2515.42	2503.89
γ 21.0	667.89	719.64	726.77	750.45	702.08	686.97	2323.41	2118.51	2124.08	2014.64	2123.84	2097.46
γ 22.0	590.86	636.45	644.36	663.84	620.85	605.47	1951.98	1767.91	1772.09	1685.25	1780.03	1750.61
γ 23.0	528.44	566.40	574.36	590.58	552.99	540.01	1635.53	1470.57	1472.75	1404.41	1491.89	1465.22
γ 24.0	476.37	508.25	514.61	528.53	495.28	485.89	1372.27	1226.65	1228.38	1170.71	1254.05	1234.39
γ 25.0	431.63	458.71	465.64	474.50	445.92	438.32	1154.99	1029.71	1030.58	985.88	1059.01	1048.26
γ 26.0	393.81	416.34	423.51	428.80	404.40	397.08	975.07	876.41	874.66	842.33	902.89	895.97
γ 27.0	359.85	379.93	386.47	390.20	368.09	361.40	833.50	753.22	754.11	729.57	779.47	774.28
γ 28.0	330.38	348.64	352.80	357.02	337.42	330.31	721.78	654.97	659.00	640.45	680.60	678.18
γ 29.0	304.72	321.16	324.52	328.48	310.61	304.25	633.74	577.87	584.84	568.99	601.01	600.19
γ 30.0	280.84	296.67	299.26	303.53	286.19	281.37	561.68	516.40	523.87	510.65	536.34	535.71
γ 31.0	257.91	272.68	275.55	279.41	263.37	258.90	501.90	464.65	472.07	461.32	481.80	482.79
γ 32.0	236.76	250.26	253.40	256.76	241.85	237.93	451.02	420.94	428.47	420.05	436.41	437.26
γ 33.0	217.96	229.67	232.90	235.77	222.50	219.16	409.06	383.17	391.10	384.32	398.57	398.26
γ 34.0	201.46	211.54	214.68	216.96	205.21	202.49	372.88	351.26	358.79	352.82	365.14	363.46
γ 35.0	185.74	195.17	197.93	199.96	189.68	187.30	341.35	323.72	330.23	325.15	335.22	332.78
γ 36.0	170.94	180.00	182.14	184.37	174.74	173.35	313.82	299.73	306.18	302.24	309.61	306.66
γ 37.0	157.21	165.72	167.59	170.11	161.52	160.33	290.09	278.18	284.30	279.52	285.57	282.79
γ 38.0	144.94	152.46	154.49	156.80	149.40	148.28	267.28	257.21	262.32	257.73	262.47	259.34
γ 39.0	133.89	140.76	142.36	144.56	138.00	137.07	245.53	237.28	241.55	237.59	241.29	238.52
γ 40.0	124.20	130.50	131.76	133.54	127.94	127.39	226.35	218.99	223.40	219.40	222.19	219.34
γ 41.0	115.03	120.98	121.99	123.78	118.45	118.52	209.20	202.70	206.79	202.98	205.33	202.55
γ 42.0	106.13	111.92	112.90	114.80	109.61	110.05	193.95	188.11	191.43	187.53	189.88	186.85
γ 43.0	97.54	103.17	104.19	106.43	101.31	101.69	179.87	173.68	176.88	172.35	174.33	172.17
γ 44.0	87.77	94.45	95.62	97.68	93.25	93.66	166.23	160.02	163.13	158.63	160.71	157.90
γ 45.0	78.02	84.05	85.64	88.55	84.38	85.00	153.61	147.72	150.43	145.97	147.34	145.58
γ 46.0	69.79	75.05	76.10	78.72	74.99	75.29	142.04	136.14	138.57	134.29	135.48	134.15

# IES Indoor Report

## Candela Tabulation - (Cont.)

[illegible]



**Photometric Filename:DL-25W-COB-2500-BH-24D.IES**

## Candela Tabulation - (Cont.)

[illegible]

**Photometric Filename:DL-25W-COB-2500-BH-24D.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	3.39	3.08	3.02	2.92	2.95	2.95	0.03	0.21	0.11	0.23	0.14	0.05
γ 142.0	3.84	3.62	3.53	3.34	3.45	3.48	0.43	0.61	0.52	0.65	0.49	0.38
γ 143.0	4.34	4.07	3.99	3.85	3.89	3.92	0.83	1.17	0.94	1.05	0.85	0.88
γ 144.0	4.78	4.52	4.46	4.26	4.40	4.31	1.26	1.47	1.49	1.52	1.38	1.29
γ 145.0	5.28	5.01	4.86	4.76	4.90	4.81	1.75	2.02	1.94	2.01	1.81	1.75
γ 146.0	5.76	5.45	5.33	5.20	5.27	5.23	2.24	2.47	2.38	2.52	2.36	2.26
γ 147.0	6.26	5.90	5.76	5.70	5.73	5.70	2.73	3.05	2.83	3.01	2.73	2.81
γ 148.0	6.64	6.34	6.26	6.07	6.10	6.18	3.30	3.48	3.33	3.53	3.38	3.31
γ 149.0	7.09	6.78	6.60	6.51	6.62	6.53	3.69	3.99	3.92	4.03	3.78	3.76
γ 150.0	7.51	7.17	7.00	6.88	6.99	6.89	4.30	4.62	4.36	4.51	4.35	4.29
γ 151.0	7.88	7.57	7.36	7.33	7.33	7.30	4.85	5.03	4.87	4.99	4.84	4.75
γ 152.0	8.25	7.88	7.61	7.66	7.68	7.61	5.36	5.52	5.30	5.51	5.37	5.26
γ 153.0	8.54	8.15	7.99	8.00	7.99	7.93	5.84	6.02	5.84	6.00	5.81	5.70
γ 154.0	8.71	8.39	8.26	8.20	8.24	8.28	6.34	6.49	6.31	6.43	6.21	6.23
γ 155.0	8.98	8.66	8.38	8.42	8.43	8.44	6.82	6.96	6.72	6.82	6.74	6.66
γ 156.0	9.16	8.89	8.62	8.67	8.65	8.64	7.27	7.32	7.08	7.17	7.18	7.06
γ 157.0	9.33	9.01	8.78	8.80	8.84	8.76	7.74	7.78	7.36	7.54	7.55	7.47
γ 158.0	9.51	9.16	8.95	8.93	8.98	8.97	8.09	8.14	7.71	7.89	7.91	7.78
γ 159.0	9.54	9.23	9.11	9.05	9.06	9.09	8.51	8.49	8.04	8.19	8.12	8.10
γ 160.0	9.65	9.28	9.13	9.12	9.09	9.18	8.85	8.77	8.25	8.49	8.50	8.39
γ 161.0	9.69	9.41	9.18	9.19	9.17	9.16	9.13	8.97	8.47	8.55	8.71	8.69
γ 162.0	9.69	9.39	9.22	9.19	9.16	9.17	9.39	9.21	8.70	8.82	8.85	8.86
γ 163.0	9.69	9.42	9.26	9.20	9.17	9.14	9.59	9.34	8.86	8.94	9.02	9.07
γ 164.0	9.52	9.42	9.28	9.17	9.15	9.12	9.76	9.46	8.93	9.01	9.12	9.22
γ 165.0	9.53	9.38	9.24	9.12	9.02	9.09	9.92	9.50	9.03	9.04	9.21	9.30
γ 166.0	9.41	9.33	9.14	9.06	8.92	8.93	9.95	9.64	9.11	9.00	9.22	9.31
γ 167.0	9.34	9.17	9.01	8.93	8.84	8.86	10.03	9.60	9.11	9.03	9.17	9.28
γ 168.0	9.26	9.11	8.90	8.77	8.64	8.66	10.02	9.63	9.02	9.04	9.06	9.37
γ 169.0	9.20	9.00	8.78	8.68	8.51	8.55	10.01	9.63	9.07	8.94	9.06	9.18
γ 170.0	9.09	8.89	8.77	8.58	8.45	8.49	10.02	9.55	9.09	8.86	8.94	9.23
γ 171.0	8.97	8.82	8.67	8.52	8.40	8.35	9.92	9.48	8.97	8.73	8.89	9.10
γ 172.0	8.95	8.73	8.59	8.36	8.28	8.24	9.74	9.38	8.93	8.68	8.71	8.92