

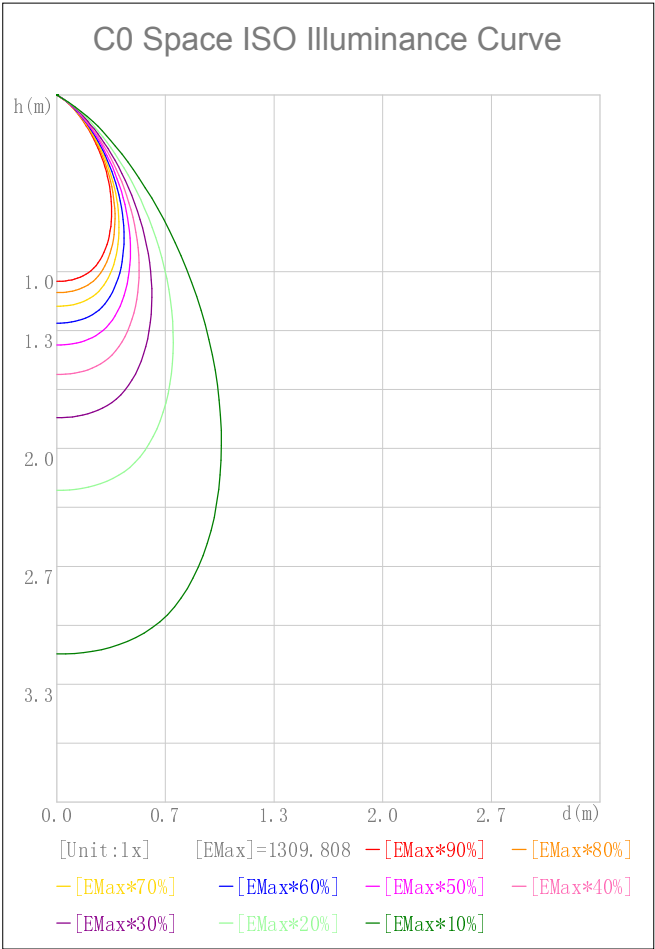
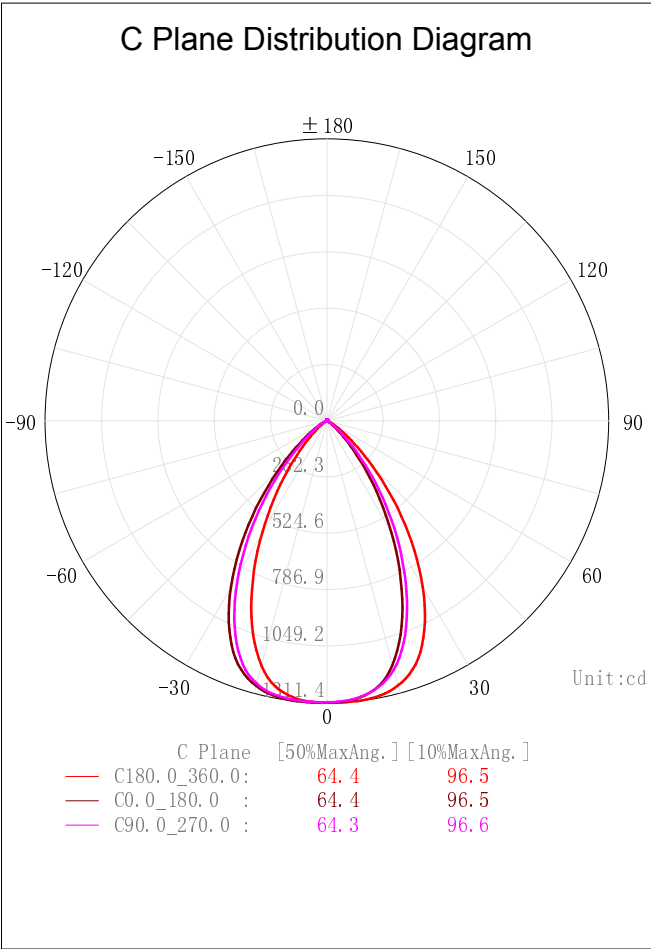
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 55252		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2024/03/12
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

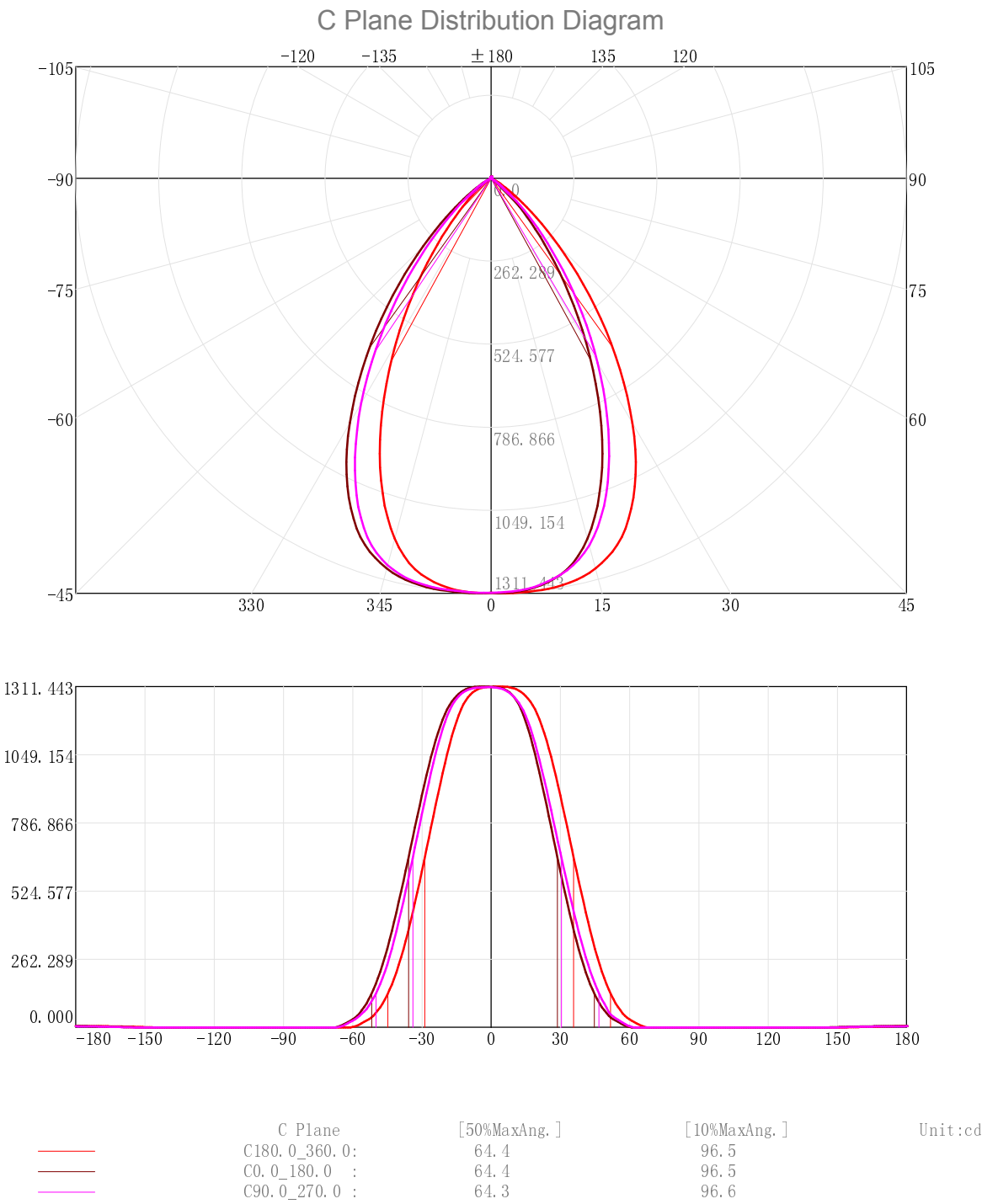
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1449.950	Luminary Flux(lm): 1449.950	Field Angle(10%Imax): 96.5(°)	
Rated Power(W): 15	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1448.100lm 99.87%	
Rated Voltage(V): 220	Luminary EER(lm/W): 98.502	Up Lumens&Percent: 1.850lm 0.13%	
Tested Power(W): 14.720	Max. Candela(cd): 1311.443	S/MH: C0_a180=0.982 C90_270=0.980	
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=4.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):221.1, 0.070, 0.947	Beam Angle(50%Imax): 64.4(°)	ErP Φ use(90°): 1337.919lm	
Lamp Size(W*L*H):0.050m*-0.050m*0.000m	Left=-28.7°, Right=35.7°	IRF(%): 197.989	



2D Plane Light Intensity Distribution Curve

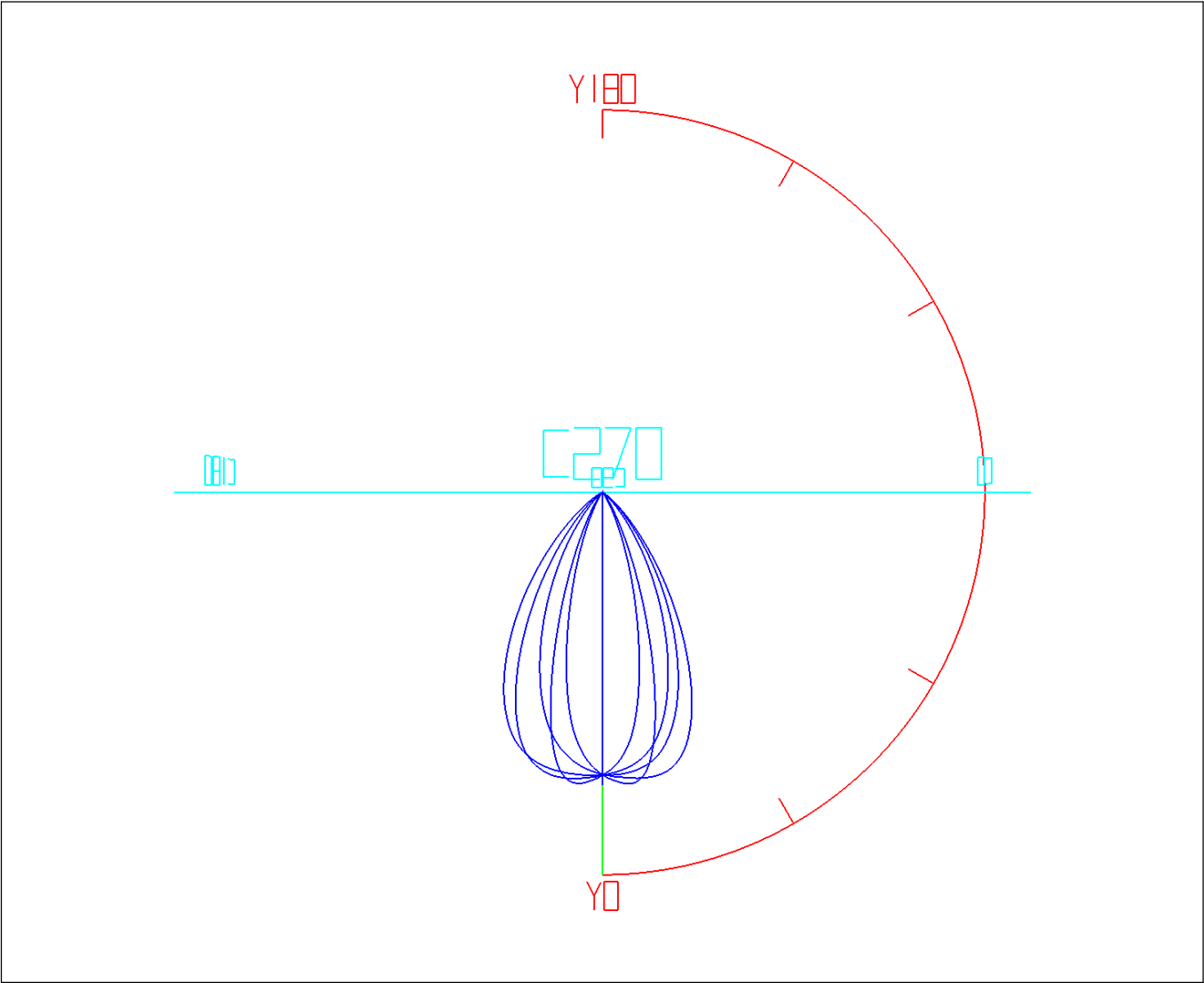
Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2024/03/12



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: 2024/03/12

3D Light Intensity Distribution Modal



Curves: 3D Model — Fixture — Vert. HUD — Hori. HUD —

View Angles: Orient:0 Tilt:0 Roll:0 Spin:0

**Photometric Filename:DL-15W-COB-1500-BH-60D.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	1.25	1.25	0.09	0.09	47.0-48.0	12.20	1378.13	0.84	95.05
1.0-2.0	3.76	5.01	0.26	0.35	48.0-49.0	10.81	1388.95	0.75	95.79
2.0-3.0	6.26	11.26	0.43	0.78	49.0-50.0	9.48	1398.43	0.65	96.45
3.0-4.0	8.75	20.01	0.60	1.38	50.0-51.0	8.19	1406.62	0.57	97.01
4.0-5.0	11.23	31.24	0.77	2.15	51.0-52.0	7.09	1413.71	0.49	97.50
5.0-6.0	13.70	44.94	0.94	3.10	52.0-53.0	6.17	1419.88	0.43	97.93
6.0-7.0	16.15	61.09	1.11	4.21	53.0-54.0	5.33	1425.21	0.37	98.29
7.0-8.0	18.57	79.66	1.28	5.49	54.0-55.0	4.59	1429.80	0.32	98.61
8.0-9.0	20.96	100.61	1.45	6.94	55.0-56.0	3.92	1433.72	0.27	98.88
9.0-10.0	23.30	123.92	1.61	8.55	56.0-57.0	3.28	1437.00	0.23	99.11
10.0-11.0	25.59	149.51	1.77	10.31	57.0-58.0	2.67	1439.67	0.18	99.29
11.0-12.0	27.82	177.33	1.92	12.23	58.0-59.0	2.15	1441.82	0.15	99.44
12.0-13.0	29.97	207.30	2.07	14.30	59.0-60.0	1.72	1443.54	0.12	99.56
13.0-14.0	32.01	239.31	2.21	16.50	60.0-61.0	1.36	1444.90	0.09	99.65
14.0-15.0	33.94	273.25	2.34	18.85	61.0-62.0	1.06	1445.96	0.07	99.73
15.0-16.0	35.73	308.98	2.46	21.31	62.0-63.0	0.80	1446.77	0.06	99.78
16.0-17.0	37.37	346.35	2.58	23.89	63.0-64.0	0.58	1447.35	0.04	99.82
17.0-18.0	38.86	385.21	2.68	26.57	64.0-65.0	0.39	1447.73	0.03	99.85
18.0-19.0	40.17	425.38	2.77	29.34	65.0-66.0	0.23	1447.97	0.02	99.86
19.0-20.0	41.29	466.66	2.85	32.18	66.0-67.0	0.11	1448.07	0.01	99.87
20.0-21.0	42.20	508.87	2.91	35.10	67.0-68.0	0.03	1448.10	0.00	99.87
21.0-22.0	42.91	551.78	2.96	38.05	68.0-69.0	0.00	1448.10	0.00	99.87
22.0-23.0	43.41	595.19	2.99	41.05	69.0-70.0	0.00	1448.10	0.00	99.87
23.0-24.0	43.71	638.90	3.01	44.06	70.0-71.0	0.00	1448.10	0.00	99.87
24.0-25.0	43.80	682.70	3.02	47.08	71.0-72.0	0.00	1448.10	0.00	99.87
25.0-26.0	43.69	726.39	3.01	50.10	72.0-73.0	0.00	1448.10	0.00	99.87
26.0-27.0	43.38	769.77	2.99	53.09	73.0-74.0	0.00	1448.10	0.00	99.87
27.0-28.0	42.88	812.65	2.96	56.05	74.0-75.0	0.00	1448.10	0.00	99.87
28.0-29.0	42.21	854.86	2.91	58.96	75.0-76.0	0.00	1448.10	0.00	99.87
29.0-30.0	41.36	896.22	2.85	61.81	76.0-77.0	0.00	1448.10	0.00	99.87
30.0-31.0	40.36	936.58	2.78	64.59	77.0-78.0	0.00	1448.10	0.00	99.87
31.0-32.0	39.20	975.78	2.70	67.30	78.0-79.0	0.00	1448.10	0.00	99.87
32.0-33.0	37.89	1013.66	2.61	69.91	79.0-80.0	0.00	1448.10	0.00	99.87
33.0-34.0	36.45	1050.12	2.51	72.42	80.0-81.0	0.00	1448.10	0.00	99.87
34.0-35.0	34.91	1085.03	2.41	74.83	81.0-82.0	0.00	1448.10	0.00	99.87
35.0-36.0	33.28	1118.31	2.30	77.13	82.0-83.0	0.00	1448.10	0.00	99.87
36.0-37.0	31.59	1149.90	2.18	79.31	83.0-84.0	0.00	1448.10	0.00	99.87
37.0-38.0	29.82	1179.72	2.06	81.36	84.0-85.0	0.00	1448.10	0.00	99.87
38.0-39.0	27.99	1207.71	1.93	83.29	85.0-86.0	0.00	1448.10	0.00	99.87
39.0-40.0	26.13	1233.84	1.80	85.10	86.0-87.0	0.00	1448.10	0.00	99.87
40.0-41.0	24.25	1258.09	1.67	86.77	87.0-88.0	0.00	1448.10	0.00	99.87
41.0-42.0	22.39	1280.48	1.54	88.31	88.0-89.0	0.00	1448.10	0.00	99.87
42.0-43.0	20.57	1301.05	1.42	89.73	89.0-90.0	0.00	1448.10	0.00	99.87
43.0-44.0	18.79	1319.84	1.30	91.03	90.0-91.0	0.00	1448.10	0.00	99.87
44.0-45.0	17.04	1336.88	1.18	92.20	91.0-92.0	0.00	1448.10	0.00	99.87
45.0-46.0	15.34	1352.22	1.06	93.26	92.0-93.0	0.00	1448.10	0.00	99.87
46.0-47.0	13.71	1365.93	0.95	94.21	93.0-94.0	0.00	1448.10	0.00	99.87

IES Indoor Report

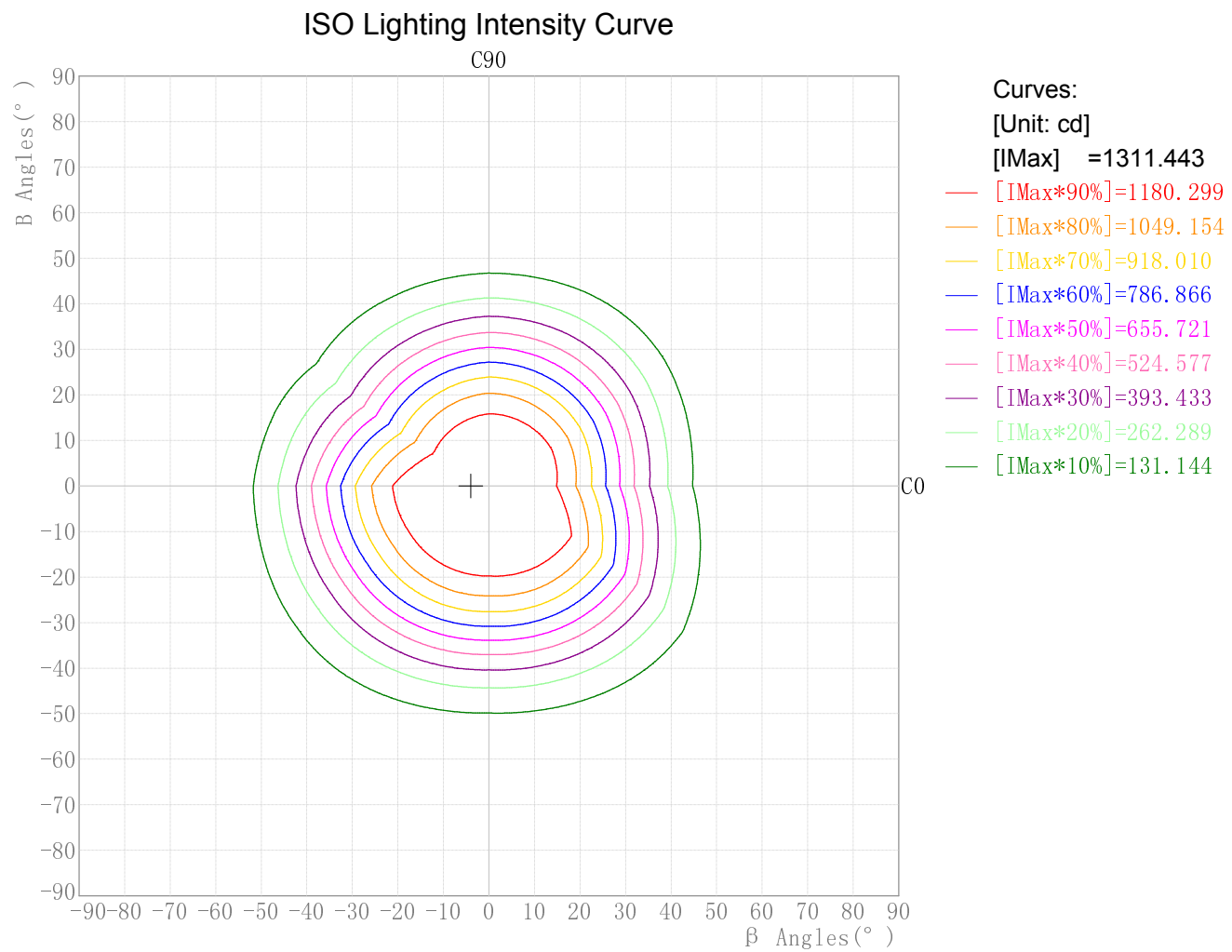
Photometric Filename:DL-15W-COB-1500-BH-60D.IES

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	1448.10	0.00	99.87	141.0-142.0	0.00	1448.10	0.00	99.87
95.0-96.0	0.00	1448.10	0.00	99.87	142.0-143.0	0.00	1448.10	0.00	99.87
96.0-97.0	0.00	1448.10	0.00	99.87	143.0-144.0	0.00	1448.10	0.00	99.87
97.0-98.0	0.00	1448.10	0.00	99.87	144.0-145.0	0.00	1448.10	0.00	99.87
98.0-99.0	0.00	1448.10	0.00	99.87	145.0-146.0	0.00	1448.10	0.00	99.87
99.0-100.0	0.00	1448.10	0.00	99.87	146.0-147.0	0.00	1448.11	0.00	99.87
100.0-101.0	0.00	1448.10	0.00	99.87	147.0-148.0	0.01	1448.12	0.00	99.87
101.0-102.0	0.00	1448.10	0.00	99.87	148.0-149.0	0.01	1448.13	0.00	99.87
102.0-103.0	0.00	1448.10	0.00	99.87	149.0-150.0	0.02	1448.15	0.00	99.88
103.0-104.0	0.00	1448.10	0.00	99.87	150.0-151.0	0.02	1448.17	0.00	99.88
104.0-105.0	0.00	1448.10	0.00	99.87	151.0-152.0	0.03	1448.20	0.00	99.88
105.0-106.0	0.00	1448.10	0.00	99.87	152.0-153.0	0.04	1448.23	0.00	99.88
106.0-107.0	0.00	1448.10	0.00	99.87	153.0-154.0	0.04	1448.28	0.00	99.88
107.0-108.0	0.00	1448.10	0.00	99.87	154.0-155.0	0.05	1448.33	0.00	99.89
108.0-109.0	0.00	1448.10	0.00	99.87	155.0-156.0	0.06	1448.38	0.00	99.89
109.0-110.0	0.00	1448.10	0.00	99.87	156.0-157.0	0.06	1448.45	0.00	99.90
110.0-111.0	0.00	1448.10	0.00	99.87	157.0-158.0	0.07	1448.51	0.00	99.90
111.0-112.0	0.00	1448.10	0.00	99.87	158.0-159.0	0.07	1448.59	0.01	99.91
112.0-113.0	0.00	1448.10	0.00	99.87	159.0-160.0	0.08	1448.67	0.01	99.91
113.0-114.0	0.00	1448.10	0.00	99.87	160.0-161.0	0.08	1448.75	0.01	99.92
114.0-115.0	0.00	1448.10	0.00	99.87	161.0-162.0	0.09	1448.84	0.01	99.92
115.0-116.0	0.00	1448.10	0.00	99.87	162.0-163.0	0.09	1448.93	0.01	99.93
116.0-117.0	0.00	1448.10	0.00	99.87	163.0-164.0	0.09	1449.02	0.01	99.94
117.0-118.0	0.00	1448.10	0.00	99.87	164.0-165.0	0.09	1449.11	0.01	99.94
118.0-119.0	0.00	1448.10	0.00	99.87	165.0-166.0	0.09	1449.20	0.01	99.95
119.0-120.0	0.00	1448.10	0.00	99.87	166.0-167.0	0.09	1449.29	0.01	99.95
120.0-121.0	0.00	1448.10	0.00	99.87	167.0-168.0	0.09	1449.37	0.01	99.96
121.0-122.0	0.00	1448.10	0.00	99.87	168.0-169.0	0.08	1449.46	0.01	99.97
122.0-123.0	0.00	1448.10	0.00	99.87	169.0-170.0	0.08	1449.53	0.01	99.97
123.0-124.0	0.00	1448.10	0.00	99.87	170.0-171.0	0.07	1449.61	0.01	99.98
124.0-125.0	0.00	1448.10	0.00	99.87	171.0-172.0	0.07	1449.68	0.00	99.98
125.0-126.0	0.00	1448.10	0.00	99.87	172.0-173.0	0.06	1449.74	0.00	99.99
126.0-127.0	0.00	1448.10	0.00	99.87	173.0-174.0	0.05	1449.79	0.00	99.99
127.0-128.0	0.00	1448.10	0.00	99.87	174.0-175.0	0.05	1449.84	0.00	99.99
128.0-129.0	0.00	1448.10	0.00	99.87	175.0-176.0	0.04	1449.88	0.00	100.00
129.0-130.0	0.00	1448.10	0.00	99.87	176.0-177.0	0.03	1449.91	0.00	100.00
130.0-131.0	0.00	1448.10	0.00	99.87	177.0-178.0	0.02	1449.93	0.00	100.00
131.0-132.0	0.00	1448.10	0.00	99.87	178.0-179.0	0.01	1449.95	0.00	100.00
132.0-133.0	0.00	1448.10	0.00	99.87	179.0-180.0	0.00	1449.95	0.00	100.00
133.0-134.0	0.00	1448.10	0.00	99.87					
134.0-135.0	0.00	1448.10	0.00	99.87					
135.0-136.0	0.00	1448.10	0.00	99.87					
136.0-137.0	0.00	1448.10	0.00	99.87					
137.0-138.0	0.00	1448.10	0.00	99.87					
138.0-139.0	0.00	1448.10	0.00	99.87					
139.0-140.0	0.00	1448.10	0.00	99.87					
140.0-141.0	0.00	1448.10	0.00	99.87					

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: 2024/03/12

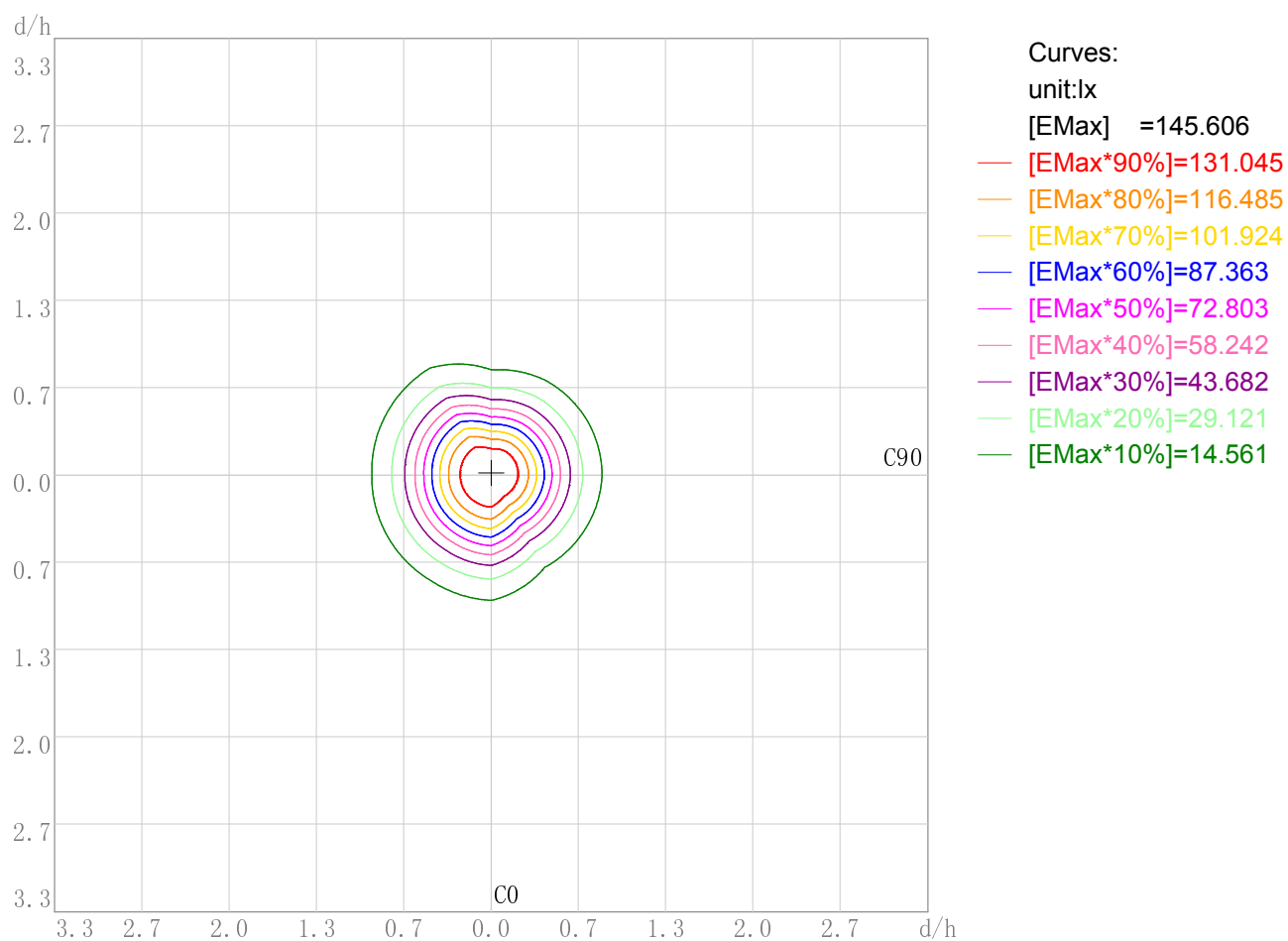


**Photometric Filename:DL-15W-COB-1500-BH-60D.IES**

## Plane ISO-Illuminance Diagram

Lum. Name: 55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/03/12

### Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

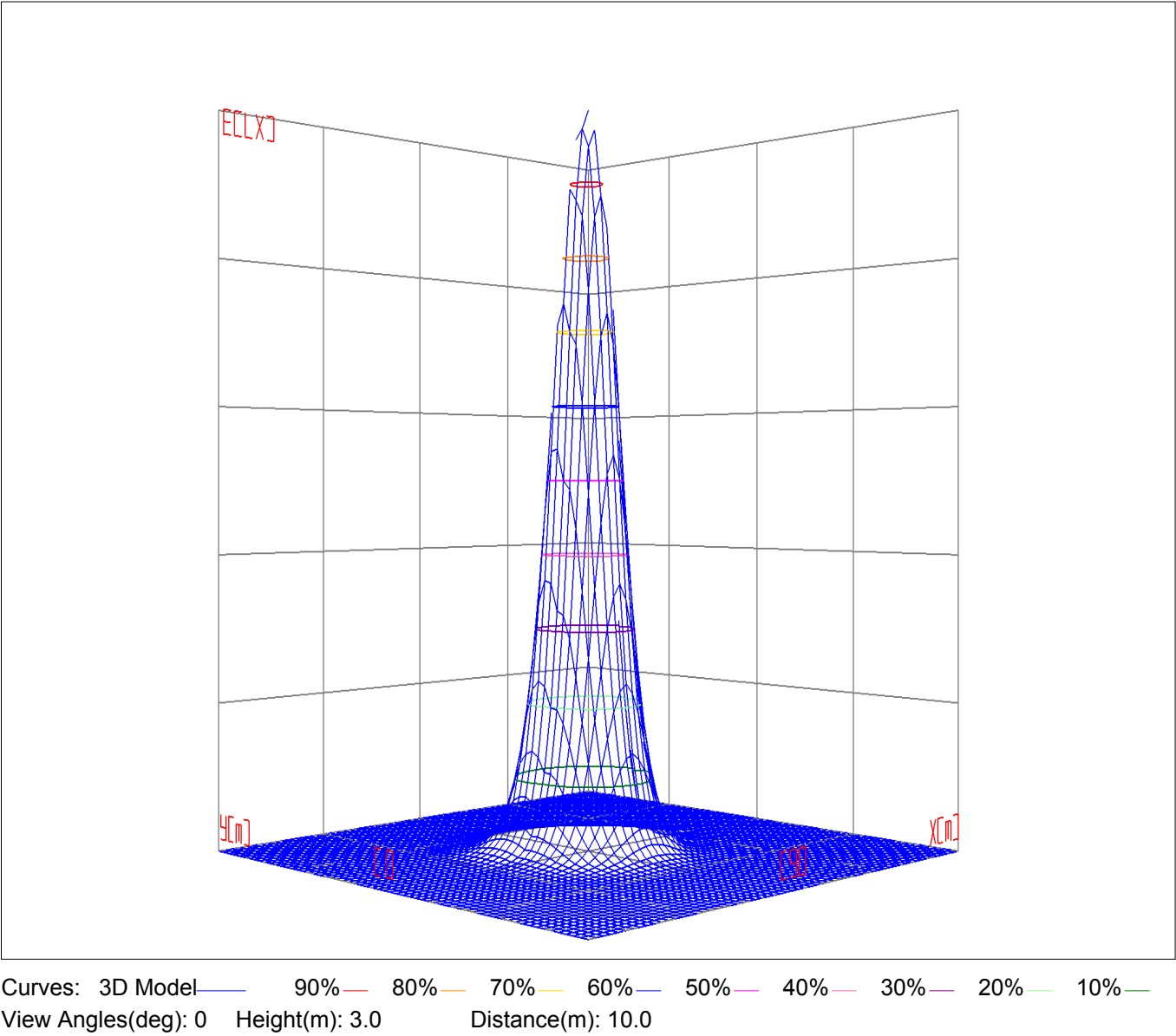
Working Plane Maximum Illuminance(lx): 145.61

Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

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: 2024/03/12

3D Plane Illuminance Modal

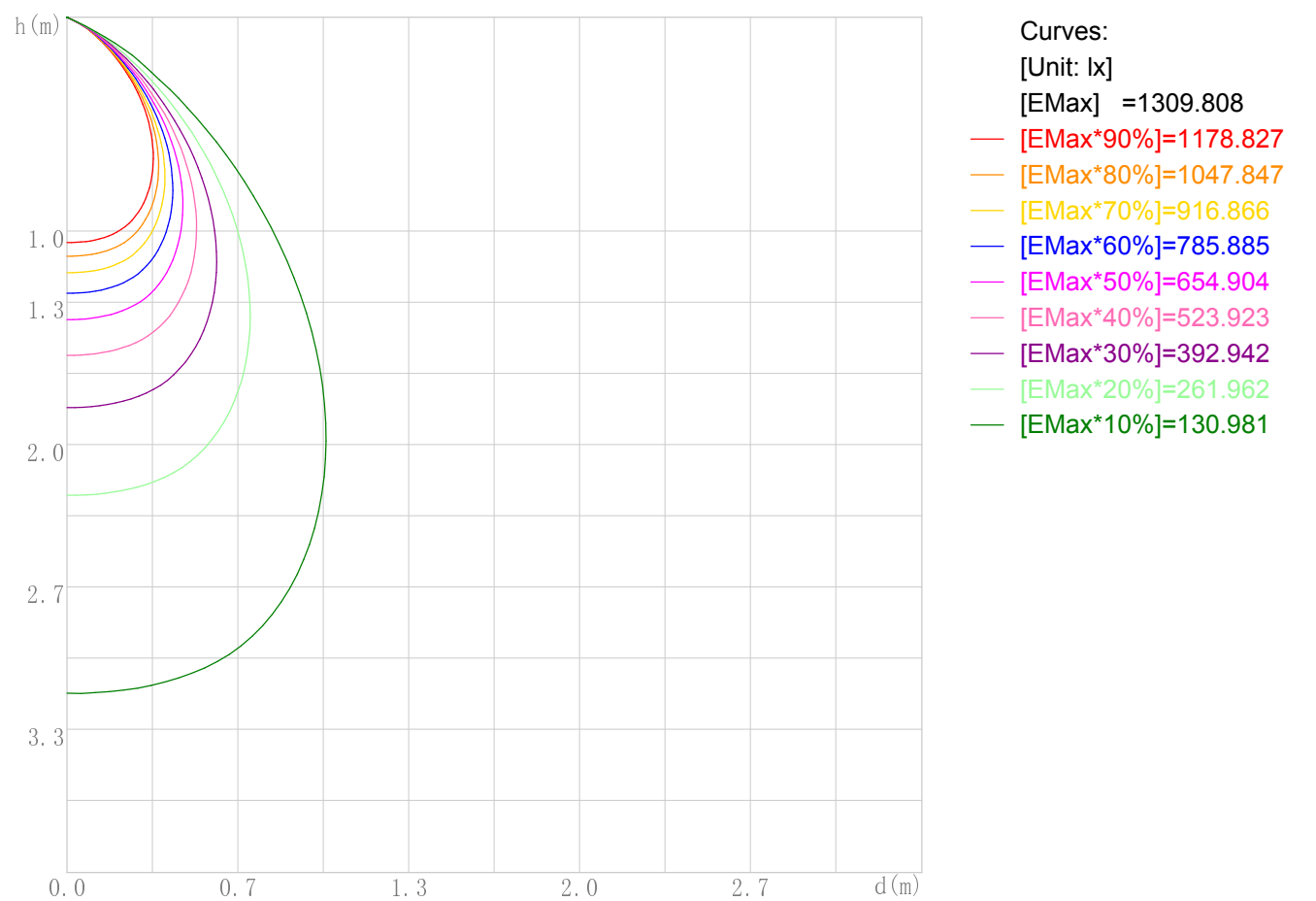




Space ISO Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/03/12

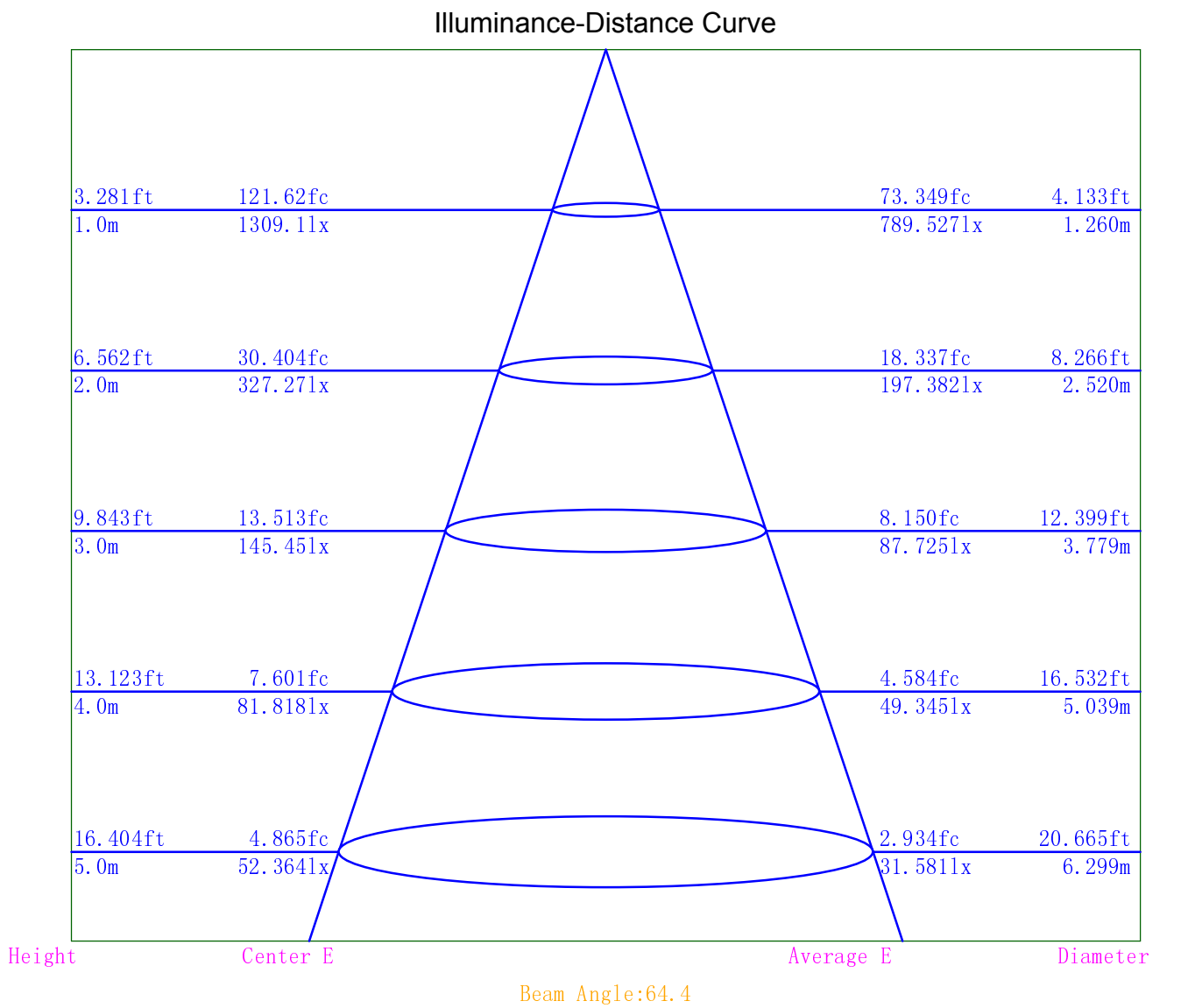
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1309.81lx,1.0deg  
Plane Maximum Lighting Intensity and @Angle:1310.407cd,0eg

Illuminance-Distance Diagram

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/03/12



Indoor Luminance Limiting Curves

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2024/03/12

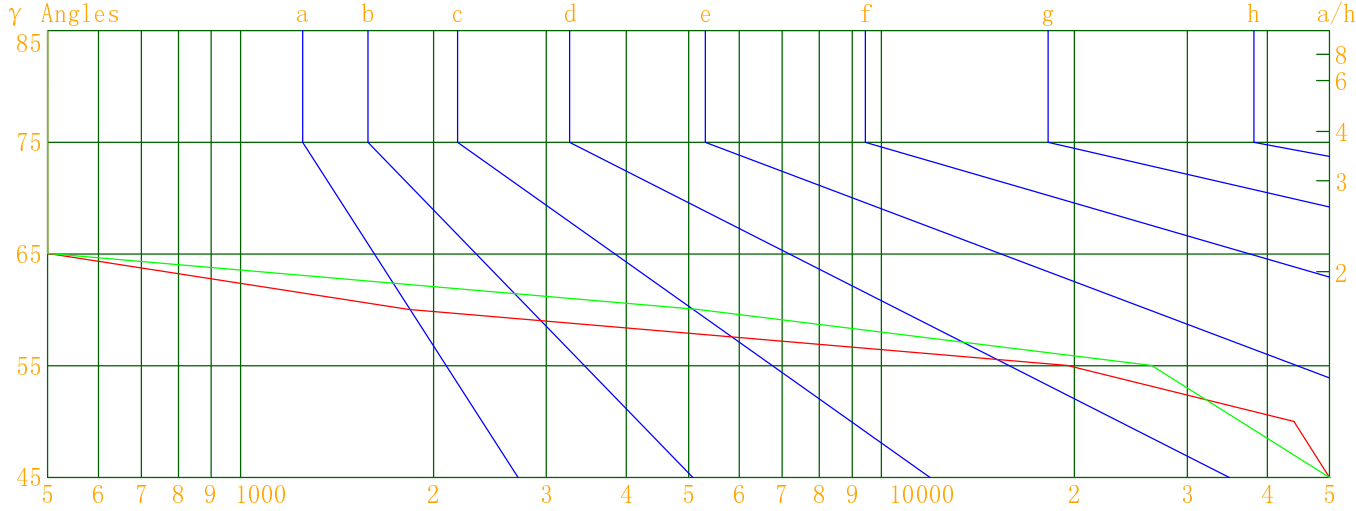
Glare Grade Table

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	90616	44010	19502	1829	0	0	0	0	0
C90	121366	60454	26380	5164	0	0	0	0	0

Luminance Limiting Curve



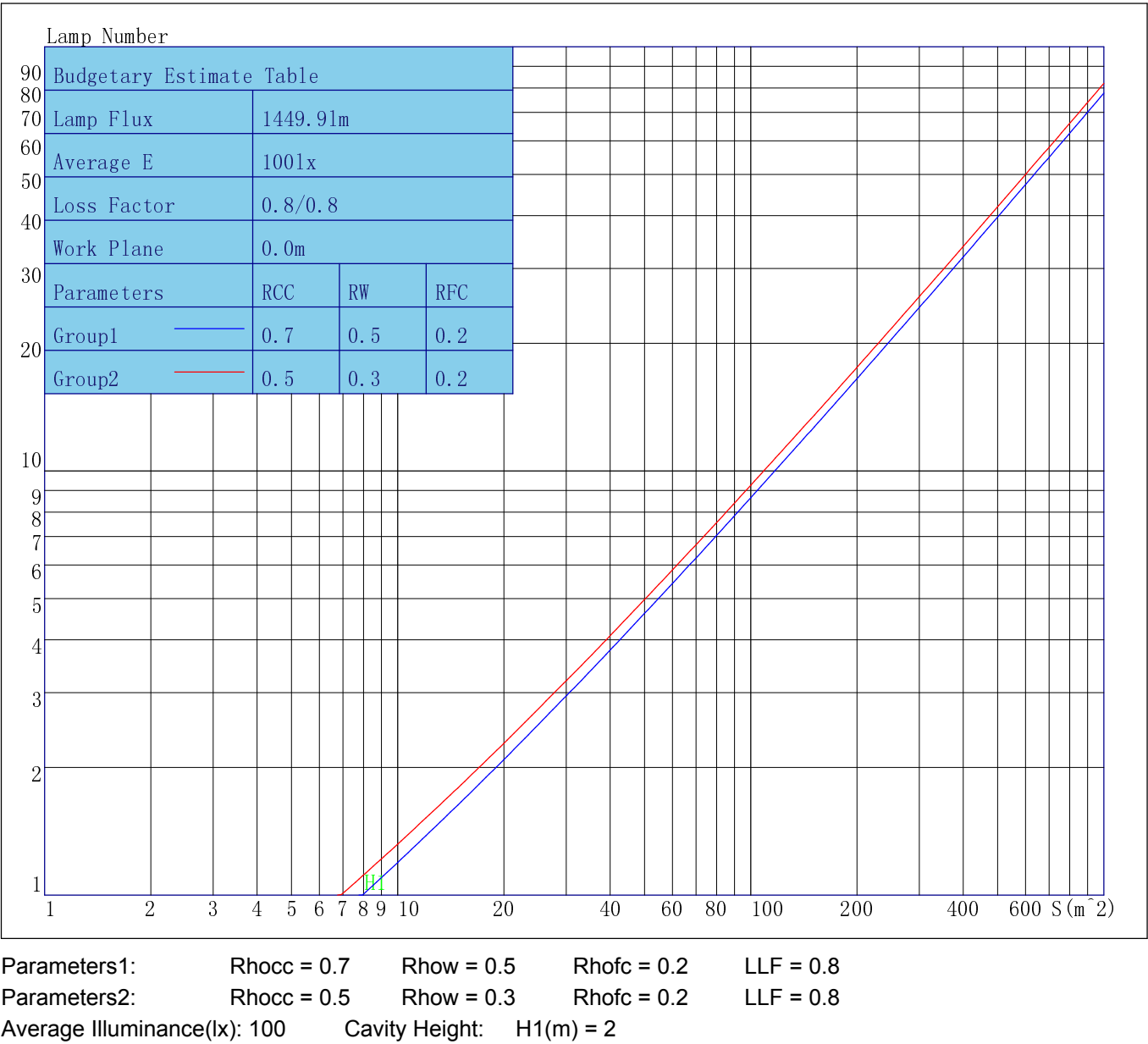
Luminous Size: Length(m)=-0.050 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963

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: 2024/03/12



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: 2024/03/12

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	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	94	93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	82	80	78
4	95	87	81	77	94	86	81	76	84	79	75	82	78	75	80	76	74	72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66
6	85	76	69	64	84	75	69	64	73	68	64	72	67	63	70	66	63	61
7	80	70	64	60	79	70	64	59	68	63	59	67	62	59	66	62	58	57
8	76	66	60	55	75	65	59	55	64	59	55	63	58	55	62	58	54	53
9	72	62	56	51	71	61	55	51	60	55	51	59	54	51	59	54	51	49
10	69	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46

Unified Glare Rating Table

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/03/12

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	25.4	26.5	25.8	26.8	27.1	24.3	25.4	24.7	25.7	26.0
	Y=3H	25.2	26.2	25.6	26.5	26.9	24.2	25.1	24.6	25.4	25.8
	Y=4H	25.1	26.0	25.6	26.4	26.7	24.1	24.9	24.5	25.3	25.7
	Y=6H	25.0	25.8	25.5	26.2	26.6	24.0	24.8	24.4	25.1	25.5
	Y=8H	25.0	25.7	25.4	26.1	26.5	23.9	24.7	24.4	25.0	25.5
	Y=12H	24.9	25.6	25.4	26.0	26.5	23.9	24.6	24.3	25.0	25.4
X=4H	Y=2H	25.2	26.1	25.6	26.4	26.8	24.1	24.9	24.5	25.3	25.7
	Y=3H	25.0	25.7	25.4	26.1	26.5	23.9	24.6	24.3	25.0	25.4
	Y=4H	24.9	25.5	25.3	25.9	26.4	23.8	24.4	24.2	24.8	25.3
	Y=6H	24.8	25.3	25.3	25.8	26.2	23.7	24.2	24.1	24.7	25.1
	Y=8H	24.7	25.2	25.2	25.7	26.1	23.6	24.1	24.1	24.5	25.0
	Y=12H	24.7	25.1	25.1	25.6	26.0	23.5	24.0	24.0	24.5	24.9
X=8H	Y=4H	24.7	25.2	25.2	25.7	26.1	23.6	24.1	24.1	24.5	25.0
	Y=6H	24.6	25.0	25.1	25.5	26.0	23.5	23.9	24.0	24.4	24.9
	Y=8H	24.5	24.9	25.1	25.4	25.9	23.4	23.8	23.9	24.3	24.8
	Y=12H	24.5	24.8	25.0	25.3	25.8	23.3	23.7	23.9	24.2	24.7
X=12H	Y=4H	24.7	25.1	25.1	25.6	26.0	23.5	24.0	24.0	24.5	24.9
	Y=6H	24.5	24.9	25.1	25.3	25.9	23.4	23.8	23.9	24.2	24.8
	Y=8H	24.5	24.8	25.0	25.3	25.8	23.3	23.7	23.9	24.2	24.7
Variations with the objverver position at spacings											
S=1.0H		0.0/0.0					0.0/0.0				
S=1.5H		0.0/0.0					0.0/0.0				
S=2.0H		11.1/0.0					0.0/0.0				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		0.0					0.0				

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

**Photometric Filename:DL-15W-COB-1500-BH-60D.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	1309.09	1309.09	1309.09	1309.09	1309.09	1309.09	1309.09	1309.09	1309.09	1309.09	1309.09	1309.09
γ 1.0	1310.41	1309.63	1309.38	1308.29	1305.91	1304.14	1311.05	1310.71	1310.44	1309.49	1307.90	1305.71
γ 2.0	1309.58	1309.28	1308.82	1307.21	1303.75	1302.19	1311.16	1310.51	1309.99	1309.48	1308.14	1306.32
γ 3.0	1308.63	1309.43	1308.58	1306.27	1301.39	1299.78	1311.30	1310.28	1309.50	1308.75	1308.05	1306.88
γ 4.0	1306.56	1308.41	1307.33	1304.54	1299.36	1296.48	1311.44	1310.17	1309.15	1307.96	1307.35	1306.34
γ 5.0	1304.09	1306.24	1305.10	1302.07	1295.74	1292.17	1311.14	1309.22	1308.17	1307.26	1306.41	1305.71
γ 6.0	1300.10	1303.75	1301.82	1297.85	1290.43	1286.49	1310.49	1308.70	1307.68	1306.85	1306.34	1305.82
γ 7.0	1294.96	1300.05	1297.52	1292.52	1284.02	1279.80	1310.06	1307.43	1306.91	1306.03	1305.88	1305.54
γ 8.0	1288.47	1295.04	1292.04	1286.05	1277.04	1271.54	1308.62	1305.97	1305.33	1304.38	1304.76	1305.51
γ 9.0	1279.93	1288.71	1285.04	1278.88	1268.06	1261.20	1306.71	1303.45	1303.42	1301.89	1303.79	1304.20
γ 10.0	1270.17	1280.62	1276.65	1270.67	1257.58	1249.61	1304.22	1300.24	1300.01	1298.89	1301.25	1302.64
γ 11.0	1257.70	1270.26	1266.30	1260.43	1245.85	1236.98	1300.72	1296.19	1295.71	1295.20	1298.34	1300.37
γ 12.0	1242.65	1258.02	1253.50	1248.85	1233.22	1221.76	1296.16	1290.59	1290.44	1290.04	1294.53	1297.33
γ 13.0	1223.85	1242.84	1238.76	1234.93	1218.19	1203.98	1290.67	1283.52	1283.68	1283.13	1288.95	1293.09
γ 14.0	1201.92	1224.79	1220.56	1218.68	1200.24	1183.14	1283.76	1274.53	1275.14	1274.60	1281.73	1287.24
γ 15.0	1177.21	1202.88	1199.57	1199.23	1178.82	1159.71	1275.04	1264.52	1264.44	1264.46	1272.74	1279.54
γ 16.0	1149.66	1178.23	1175.65	1176.99	1154.16	1133.60	1264.69	1252.95	1252.11	1251.93	1262.19	1269.45
γ 17.0	1119.16	1151.02	1148.87	1151.47	1126.89	1105.16	1253.06	1239.44	1237.89	1237.27	1248.98	1257.57
γ 18.0	1086.85	1121.67	1119.99	1123.39	1097.57	1074.46	1239.88	1223.87	1220.96	1219.38	1232.70	1243.07
γ 19.0	1052.08	1089.76	1089.15	1094.18	1065.95	1041.99	1224.12	1205.45	1201.20	1198.55	1213.66	1226.07
γ 20.0	1015.81	1055.40	1055.91	1062.00	1032.12	1007.78	1205.56	1183.42	1178.26	1174.44	1191.85	1206.38
γ 21.0	977.68	1018.51	1020.72	1027.25	996.28	970.92	1183.95	1158.40	1152.81	1148.01	1166.91	1183.70
γ 22.0	938.36	980.34	983.88	990.79	959.08	933.46	1159.69	1131.08	1124.83	1119.00	1139.96	1157.50
γ 23.0	897.12	941.58	946.48	953.34	920.77	894.98	1132.94	1101.43	1094.38	1087.15	1110.51	1128.60
γ 24.0	855.22	901.37	907.41	915.15	881.84	855.18	1103.91	1069.95	1060.92	1052.95	1078.84	1097.44
γ 25.0	812.98	860.87	866.81	875.57	841.88	815.31	1073.42	1036.35	1026.02	1017.63	1044.61	1063.88
γ 26.0	770.66	819.39	825.98	835.45	801.16	774.91	1041.03	1000.70	989.61	980.48	1008.34	1027.95
γ 27.0	728.16	777.29	785.14	794.63	760.27	733.94	1006.02	963.37	951.66	941.61	970.95	990.41
γ 28.0	685.21	735.60	744.34	753.59	719.90	692.82	969.36	924.42	911.98	901.41	931.72	952.20
γ 29.0	642.53	693.86	703.72	712.96	678.69	652.10	931.51	884.39	871.41	861.09	891.38	911.88
γ 30.0	600.73	652.73	663.67	673.09	637.96	611.48	892.10	843.94	829.98	820.05	850.57	870.61
γ 31.0	559.66	611.75	623.89	633.16	597.46	571.67	851.71	802.24	788.52	778.41	808.78	828.76
γ 32.0	519.30	571.10	584.03	592.64	557.34	532.02	810.71	760.81	746.15	735.54	766.03	786.84
γ 33.0	479.48	530.85	544.71	552.66	518.07	492.99	769.22	718.87	703.67	692.45	723.02	744.37
γ 34.0	440.40	491.89	505.66	513.44	479.53	454.85	727.61	676.81	661.73	649.47	680.36	702.03
γ 35.0	403.03	453.86	467.73	475.51	441.89	417.84	685.74	634.84	619.80	607.40	637.67	659.93
γ 36.0	367.44	417.22	431.32	438.69	405.25	382.88	644.09	594.23	578.33	565.97	595.33	618.26
γ 37.0	333.26	381.80	396.17	402.37	369.73	349.00	603.65	553.75	537.42	525.14	553.98	577.64
γ 38.0	300.55	347.41	361.73	367.33	335.70	315.94	563.02	513.11	497.17	484.90	513.48	537.03
γ 39.0	269.59	314.57	328.45	333.34	303.58	284.47	522.58	473.24	457.88	445.54	473.63	497.12
γ 40.0	240.33	283.04	296.43	301.12	272.79	254.99	482.79	434.47	419.82	407.62	434.60	457.89
γ 41.0	212.99	253.57	266.26	270.75	243.43	227.12	444.08	397.52	383.04	370.98	396.80	419.93
γ 42.0	188.10	226.04	238.48	242.30	216.21	201.38	406.79	361.61	347.36	336.18	360.71	383.79
γ 43.0	165.29	200.53	212.68	215.83	191.44	177.64	371.07	327.20	313.71	303.03	326.35	349.19
γ 44.0	144.64	176.85	188.69	191.23	168.54	156.04	336.13	294.17	281.50	271.58	293.35	315.90
γ 45.0	125.81	155.02	165.98	168.50	146.93	135.94	302.75	263.00	251.31	241.87	262.11	283.78
γ 46.0	107.38	134.15	143.38	145.99	125.90	116.36	271.35	234.39	223.60	214.63	233.09	253.78

# IES Indoor Report

## Candela Tabulation - (Cont.)

[illegible]



**Photometric Filename:DL-15W-COB-1500-BH-60D.IES**

## Candela Tabulation - (Cont.)

[illegible]

# IES Indoor Report

### 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 142.0	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 143.0	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 144.0	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 145.0	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 146.0	0.48	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 147.0	0.74	0.29	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 148.0	0.98	0.64	0.45	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 149.0	1.24	0.75	0.63	0.36	0.18	0.21	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	1.41	1.07	0.86	0.48	0.36	0.33	0.00	0.00	0.00	0.00	0.00	0.00
γ 151.0	1.72	1.34	1.01	0.70	0.63	0.60	0.00	0.00	0.00	0.00	0.00	0.00
γ 152.0	1.94	1.60	1.29	0.96	0.88	0.81	0.00	0.00	0.00	0.00	0.00	0.00
γ 153.0	2.18	1.85	1.54	1.18	1.06	0.99	0.10	0.19	0.10	0.00	0.00	0.00
γ 154.0	2.37	1.99	1.75	1.42	1.29	1.19	0.33	0.54	0.27	0.17	0.00	0.00
γ 155.0	2.68	2.30	1.93	1.58	1.48	1.47	0.55	0.74	0.55	0.34	0.00	0.00
γ 156.0	2.88	2.41	2.19	1.81	1.70	1.62	0.81	1.03	0.83	0.58	0.28	0.00
γ 157.0	3.04	2.66	2.43	2.04	1.90	1.80	1.09	1.25	1.00	0.81	0.50	0.14
γ 158.0	3.22	2.84	2.61	2.24	2.03	1.94	1.28	1.50	1.23	1.05	0.63	0.38
γ 159.0	3.44	3.11	2.80	2.35	2.25	2.19	1.52	1.67	1.52	1.26	0.93	0.57
γ 160.0	3.69	3.32	2.94	2.67	2.44	2.38	1.81	1.97	1.71	1.52	1.16	0.83
γ 161.0	3.90	3.47	3.22	2.83	2.61	2.58	2.00	2.19	2.00	1.72	1.35	1.00
γ 162.0	4.07	3.61	3.41	3.07	2.83	2.75	2.25	2.38	2.14	1.99	1.58	1.19
γ 163.0	4.28	3.90	3.53	3.21	3.01	2.94	2.46	2.62	2.38	2.13	1.75	1.50
γ 164.0	4.42	4.08	3.81	3.38	3.13	3.04	2.73	2.84	2.63	2.38	2.04	1.55
γ 165.0	4.56	4.24	3.96	3.51	3.29	3.24	2.93	3.03	2.67	2.58	2.19	1.83
γ 166.0	4.78	4.35	4.12	3.68	3.49	3.38	3.12	3.25	2.98	2.73	2.38	2.06
γ 167.0	4.84	4.52	4.17	3.87	3.55	3.53	3.31	3.39	3.22	2.96	2.56	2.29
γ 168.0	5.01	4.62	4.35	3.93	3.64	3.65	3.59	3.64	3.40	3.11	2.75	2.42
γ 169.0	5.15	4.80	4.45	4.04	3.84	3.71	3.76	3.87	3.54	3.29	2.95	2.63
γ 170.0	5.21	4.86	4.61	4.23	3.89	3.93	3.88	3.97	3.74	3.47	3.08	2.89
γ 171.0	5.21	4.97	4.71	4.32	4.04	3.91	4.16	4.16	3.96	3.65	3.28	3.00
γ 172.0	5.30	5.06	4.76	4.40	4.10	4.01	4.32	4.32	4.09	3.83	3.46	3.16