

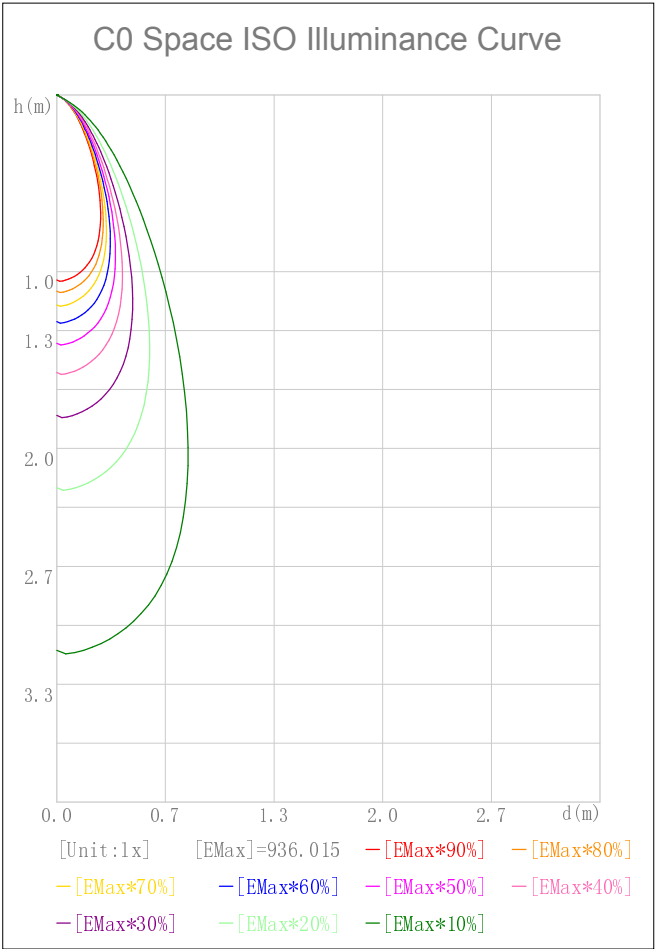
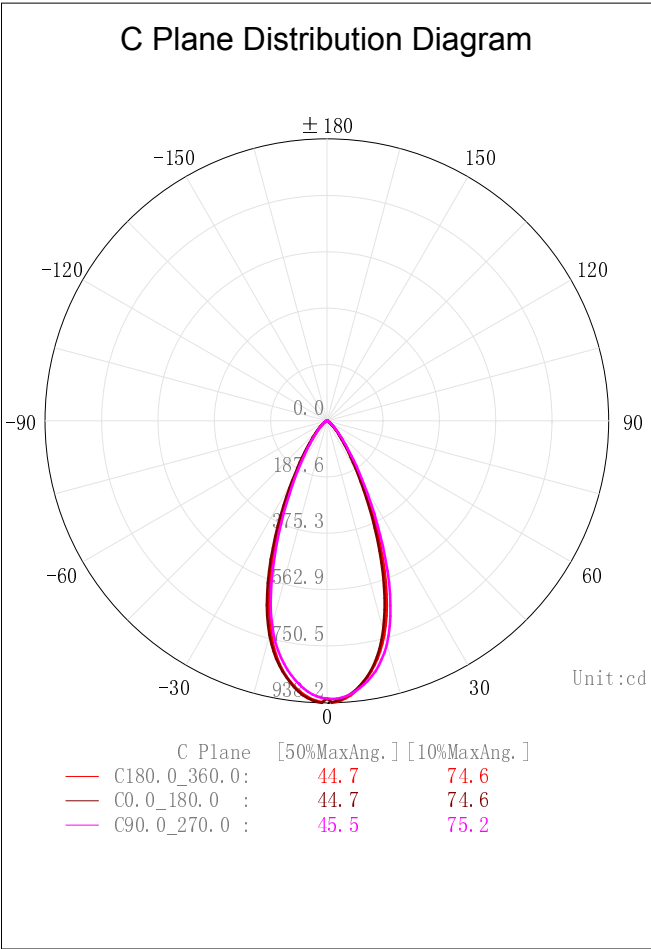
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 55252		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2024/11/25
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency (Hz):	Lamp CCT (K): Ra:
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

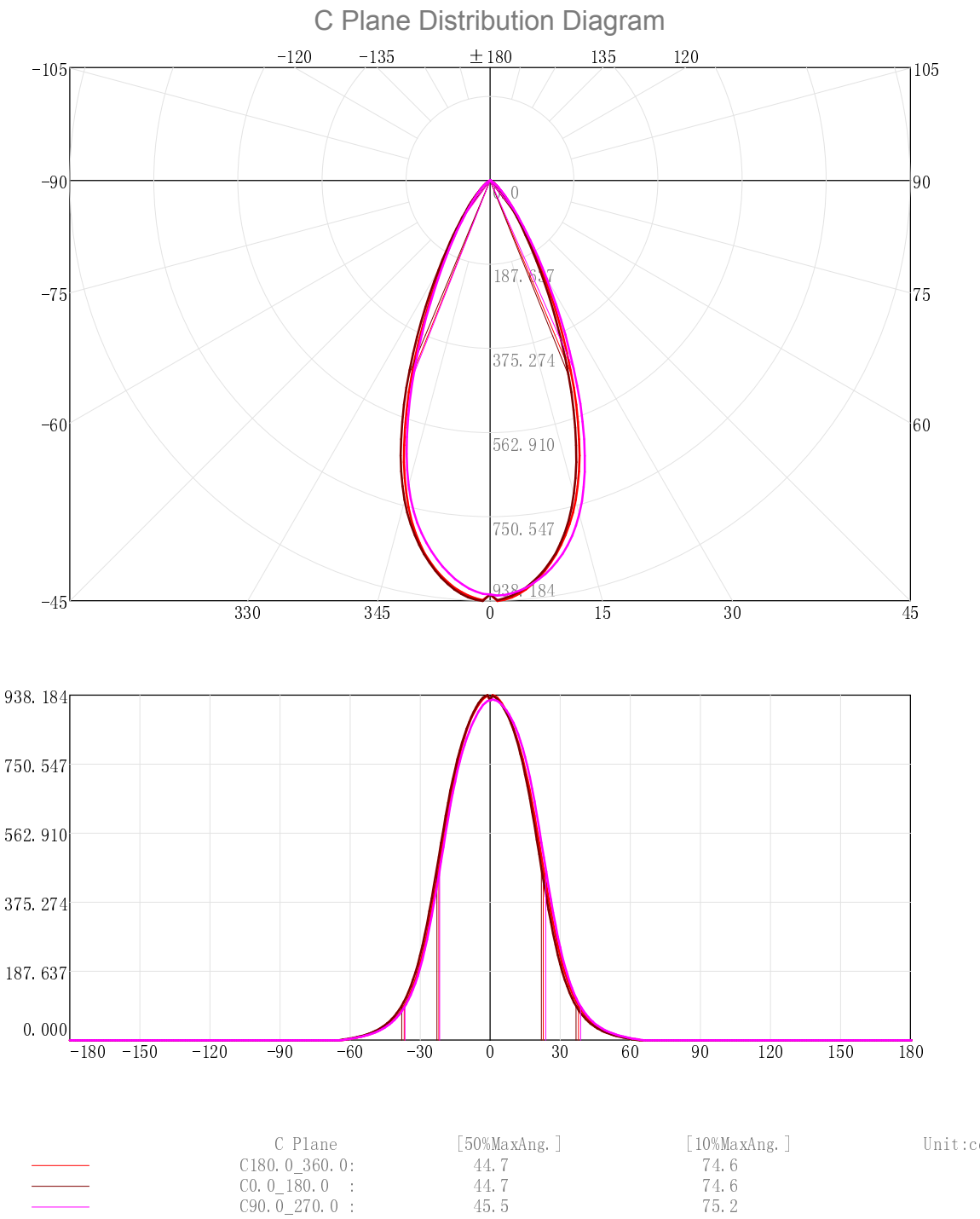
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 579.620	Luminary Flux(lm): 579.615	Field Angle(10%Imax): 74.6(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 579.615lm 100.00%	
Rated Voltage(V):	Luminary EER(lm/W): 75.353	Up Lumens&Percent: 0.000lm 0.00%	
Tested Power(W): 7.692	Max. Candela(cd): 938.184	S/MH: C0_a180=0.730 C90_270=0.739	
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):230.0, 0.038, 0.874	Beam Angle(50%Imax): 44.7(°)	ErP Φ use(90°): 554.820lm	
Lamp Size(W*L*H):0.050m*-0.050m*0.000m	Left=-21.9°, Right=22.8°	IRF(%): 330.307	



2D Plane Light Intensity Distribution Curve

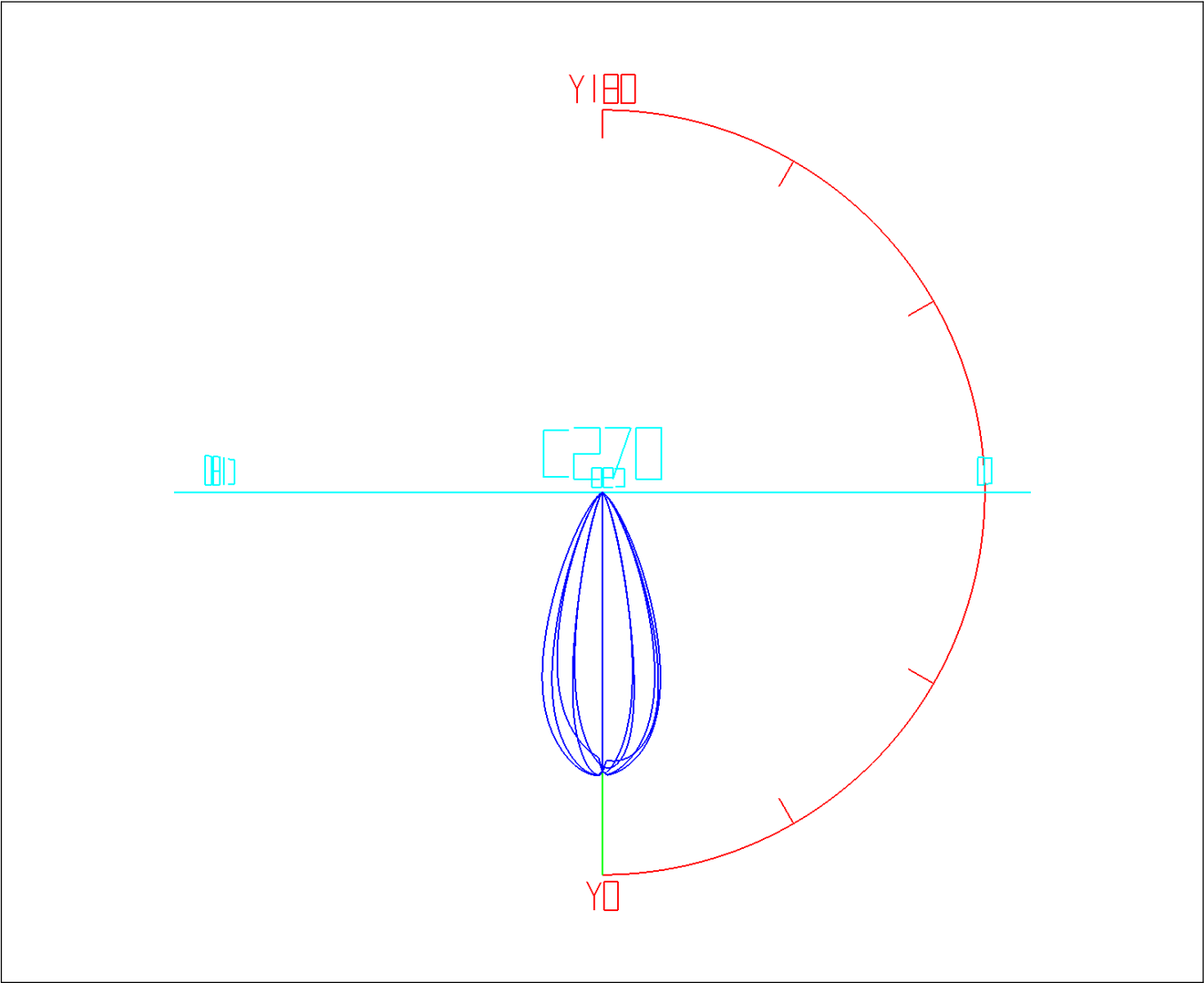
Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/11/25



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: 2024/11/25

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:LL-8W-COB-0800-MH(F)-20D.IES

Zonal Flux Tabulation									
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.88	0.88	0.15	0.15	47.0-48.0	2.40	563.62	0.41	97.24
1.0-2.0	2.64	3.52	0.45	0.61	48.0-49.0	2.17	565.79	0.37	97.61
2.0-3.0	4.38	7.90	0.76	1.36	49.0-50.0	1.96	567.74	0.34	97.95
3.0-4.0	6.09	13.98	1.05	2.41	50.0-51.0	1.76	569.51	0.30	98.26
4.0-5.0	7.76	21.75	1.34	3.75	51.0-52.0	1.58	571.09	0.27	98.53
5.0-6.0	9.39	31.14	1.62	5.37	52.0-53.0	1.41	572.50	0.24	98.77
6.0-7.0	10.96	42.10	1.89	7.26	53.0-54.0	1.26	573.76	0.22	98.99
7.0-8.0	12.47	54.57	2.15	9.41	54.0-55.0	1.11	574.87	0.19	99.18
8.0-9.0	13.91	68.48	2.40	11.81	55.0-56.0	0.97	575.84	0.17	99.35
9.0-10.0	15.27	83.75	2.63	14.45	56.0-57.0	0.85	576.69	0.15	99.49
10.0-11.0	16.53	100.28	2.85	17.30	57.0-58.0	0.73	577.41	0.13	99.62
11.0-12.0	17.69	117.97	3.05	20.35	58.0-59.0	0.61	578.02	0.11	99.72
12.0-13.0	18.73	136.69	3.23	23.58	59.0-60.0	0.50	578.52	0.09	99.81
13.0-14.0	19.62	156.32	3.39	26.97	60.0-61.0	0.40	578.92	0.07	99.88
14.0-15.0	20.37	176.68	3.51	30.48	61.0-62.0	0.30	579.23	0.05	99.93
15.0-16.0	20.94	197.62	3.61	34.10	62.0-63.0	0.21	579.43	0.04	99.97
16.0-17.0	21.32	218.94	3.68	37.77	63.0-64.0	0.12	579.55	0.02	99.99
17.0-18.0	21.51	240.45	3.71	41.48	64.0-65.0	0.05	579.60	0.01	100.00
18.0-19.0	21.49	261.94	3.71	45.19	65.0-66.0	0.01	579.61	0.00	100.00
19.0-20.0	21.28	283.21	3.67	48.86	66.0-67.0	0.00	579.62	0.00	100.00
20.0-21.0	20.89	304.10	3.60	52.47	67.0-68.0	0.00	579.62	0.00	100.00
21.0-22.0	20.33	324.43	3.51	55.97	68.0-69.0	0.00	579.62	0.00	100.00
22.0-23.0	19.62	344.05	3.39	59.36	69.0-70.0	0.00	579.62	0.00	100.00
23.0-24.0	18.80	362.84	3.24	62.60	70.0-71.0	0.00	579.62	0.00	100.00
24.0-25.0	17.87	380.72	3.08	65.68	71.0-72.0	0.00	579.62	0.00	100.00
25.0-26.0	16.88	397.59	2.91	68.60	72.0-73.0	0.00	579.62	0.00	100.00
26.0-27.0	15.85	413.44	2.73	71.33	73.0-74.0	0.00	579.62	0.00	100.00
27.0-28.0	14.80	428.24	2.55	73.88	74.0-75.0	0.00	579.62	0.00	100.00
28.0-29.0	13.75	441.99	2.37	76.26	75.0-76.0	0.00	579.62	0.00	100.00
29.0-30.0	12.72	454.71	2.19	78.45	76.0-77.0	0.00	579.62	0.00	100.00
30.0-31.0	11.72	466.43	2.02	80.47	77.0-78.0	0.00	579.62	0.00	100.00
31.0-32.0	10.77	477.20	1.86	82.33	78.0-79.0	0.00	579.62	0.00	100.00
32.0-33.0	9.87	487.07	1.70	84.03	79.0-80.0	0.00	579.62	0.00	100.00
33.0-34.0	9.04	496.11	1.56	85.59	80.0-81.0	0.00	579.62	0.00	100.00
34.0-35.0	8.26	504.36	1.42	87.02	81.0-82.0	0.00	579.62	0.00	100.00
35.0-36.0	7.54	511.90	1.30	88.32	82.0-83.0	0.00	579.62	0.00	100.00
36.0-37.0	6.87	518.77	1.19	89.50	83.0-84.0	0.00	579.62	0.00	100.00
37.0-38.0	6.26	525.03	1.08	90.58	84.0-85.0	0.00	579.62	0.00	100.00
38.0-39.0	5.70	530.74	0.98	91.57	85.0-86.0	0.00	579.62	0.00	100.00
39.0-40.0	5.19	535.93	0.90	92.46	86.0-87.0	0.00	579.62	0.00	100.00
40.0-41.0	4.73	540.66	0.82	93.28	87.0-88.0	0.00	579.62	0.00	100.00
41.0-42.0	4.30	544.96	0.74	94.02	88.0-89.0	0.00	579.62	0.00	100.00
42.0-43.0	3.91	548.87	0.67	94.69	89.0-90.0	0.00	579.62	0.00	100.00
43.0-44.0	3.55	552.42	0.61	95.31	90.0-91.0	0.00	579.62	0.00	100.00
44.0-45.0	3.22	555.64	0.56	95.86	91.0-92.0	0.00	579.62	0.00	100.00
45.0-46.0	2.93	558.57	0.50	96.37	92.0-93.0	0.00	579.62	0.00	100.00
46.0-47.0	2.65	561.22	0.46	96.83	93.0-94.0	0.00	579.62	0.00	100.00

IES Indoor Report

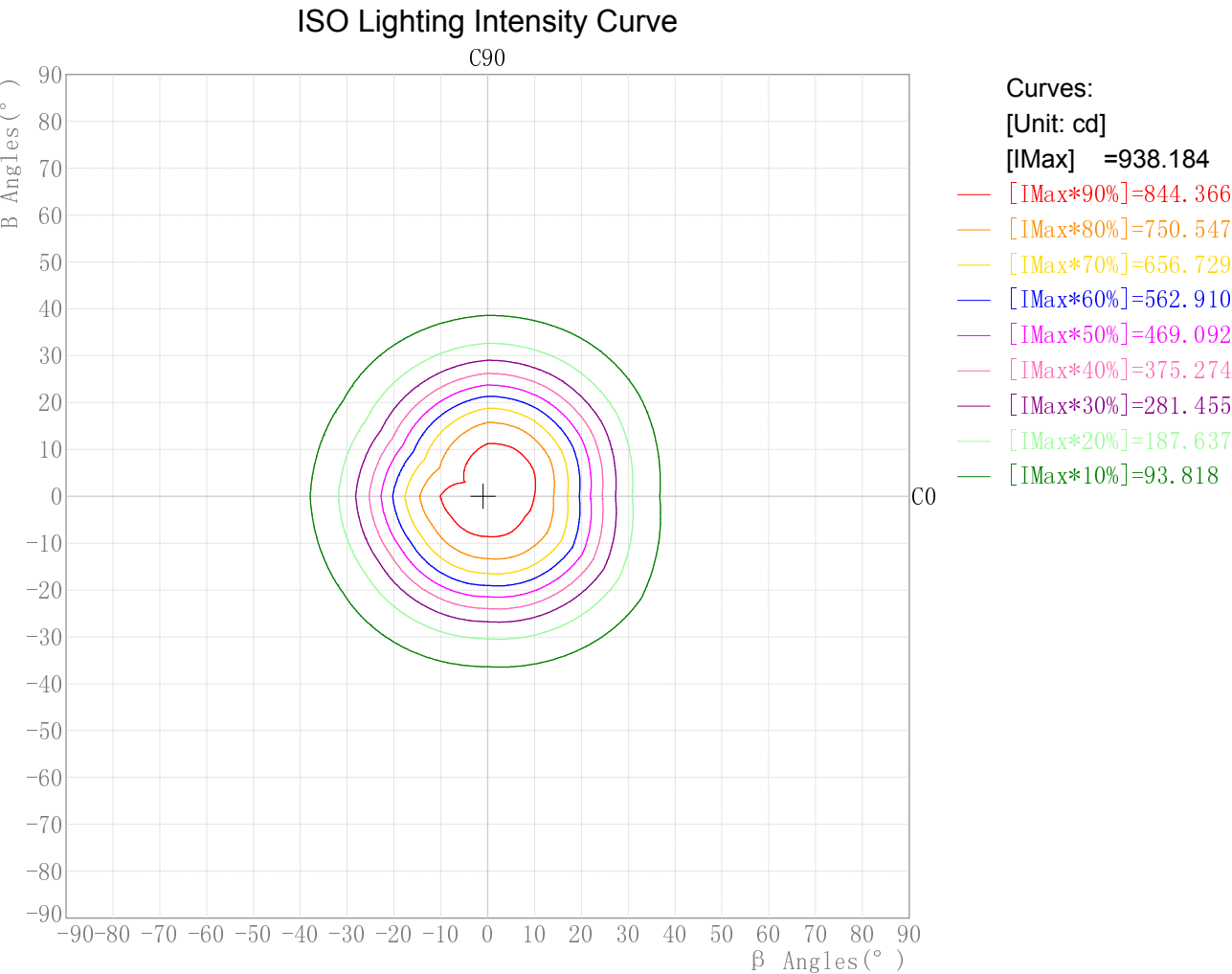
Photometric Filename:LL-8W-COB-0800-MH(F)-20D.IES

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	579.62	0.00	100.00	141.0-142.0	0.00	579.62	0.00	100.00
95.0-96.0	0.00	579.62	0.00	100.00	142.0-143.0	0.00	579.62	0.00	100.00
96.0-97.0	0.00	579.62	0.00	100.00	143.0-144.0	0.00	579.62	0.00	100.00
97.0-98.0	0.00	579.62	0.00	100.00	144.0-145.0	0.00	579.62	0.00	100.00
98.0-99.0	0.00	579.62	0.00	100.00	145.0-146.0	0.00	579.62	0.00	100.00
99.0-100.0	0.00	579.62	0.00	100.00	146.0-147.0	0.00	579.62	0.00	100.00
100.0-101.0	0.00	579.62	0.00	100.00	147.0-148.0	0.00	579.62	0.00	100.00
101.0-102.0	0.00	579.62	0.00	100.00	148.0-149.0	0.00	579.62	0.00	100.00
102.0-103.0	0.00	579.62	0.00	100.00	149.0-150.0	0.00	579.62	0.00	100.00
103.0-104.0	0.00	579.62	0.00	100.00	150.0-151.0	0.00	579.62	0.00	100.00
104.0-105.0	0.00	579.62	0.00	100.00	151.0-152.0	0.00	579.62	0.00	100.00
105.0-106.0	0.00	579.62	0.00	100.00	152.0-153.0	0.00	579.62	0.00	100.00
106.0-107.0	0.00	579.62	0.00	100.00	153.0-154.0	0.00	579.62	0.00	100.00
107.0-108.0	0.00	579.62	0.00	100.00	154.0-155.0	0.00	579.62	0.00	100.00
108.0-109.0	0.00	579.62	0.00	100.00	155.0-156.0	0.00	579.62	0.00	100.00
109.0-110.0	0.00	579.62	0.00	100.00	156.0-157.0	0.00	579.62	0.00	100.00
110.0-111.0	0.00	579.62	0.00	100.00	157.0-158.0	0.00	579.62	0.00	100.00
111.0-112.0	0.00	579.62	0.00	100.00	158.0-159.0	0.00	579.62	0.00	100.00
112.0-113.0	0.00	579.62	0.00	100.00	159.0-160.0	0.00	579.62	0.00	100.00
113.0-114.0	0.00	579.62	0.00	100.00	160.0-161.0	0.00	579.62	0.00	100.00
114.0-115.0	0.00	579.62	0.00	100.00	161.0-162.0	0.00	579.62	0.00	100.00
115.0-116.0	0.00	579.62	0.00	100.00	162.0-163.0	0.00	579.62	0.00	100.00
116.0-117.0	0.00	579.62	0.00	100.00	163.0-164.0	0.00	579.62	0.00	100.00
117.0-118.0	0.00	579.62	0.00	100.00	164.0-165.0	0.00	579.62	0.00	100.00
118.0-119.0	0.00	579.62	0.00	100.00	165.0-166.0	0.00	579.62	0.00	100.00
119.0-120.0	0.00	579.62	0.00	100.00	166.0-167.0	0.00	579.62	0.00	100.00
120.0-121.0	0.00	579.62	0.00	100.00	167.0-168.0	0.00	579.62	0.00	100.00
121.0-122.0	0.00	579.62	0.00	100.00	168.0-169.0	0.00	579.62	0.00	100.00
122.0-123.0	0.00	579.62	0.00	100.00	169.0-170.0	0.00	579.62	0.00	100.00
123.0-124.0	0.00	579.62	0.00	100.00	170.0-171.0	0.00	579.62	0.00	100.00
124.0-125.0	0.00	579.62	0.00	100.00	171.0-172.0	0.00	579.62	0.00	100.00
125.0-126.0	0.00	579.62	0.00	100.00	172.0-173.0	0.00	579.62	0.00	100.00
126.0-127.0	0.00	579.62	0.00	100.00	173.0-174.0	0.00	579.62	0.00	100.00
127.0-128.0	0.00	579.62	0.00	100.00	174.0-175.0	0.00	579.62	0.00	100.00
128.0-129.0	0.00	579.62	0.00	100.00	175.0-176.0	0.00	579.62	0.00	100.00
129.0-130.0	0.00	579.62	0.00	100.00	176.0-177.0	0.00	579.62	0.00	100.00
130.0-131.0	0.00	579.62	0.00	100.00	177.0-178.0	0.00	579.62	0.00	100.00
131.0-132.0	0.00	579.62	0.00	100.00	178.0-179.0	0.00	579.62	0.00	100.00
132.0-133.0	0.00	579.62	0.00	100.00	179.0-180.0	0.00	579.62	0.00	100.00
133.0-134.0	0.00	579.62	0.00	100.00					
134.0-135.0	0.00	579.62	0.00	100.00					
135.0-136.0	0.00	579.62	0.00	100.00					
136.0-137.0	0.00	579.62	0.00	100.00					
137.0-138.0	0.00	579.62	0.00	100.00					
138.0-139.0	0.00	579.62	0.00	100.00					
139.0-140.0	0.00	579.62	0.00	100.00					
140.0-141.0	0.00	579.62	0.00	100.00					

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: 2024/11/25

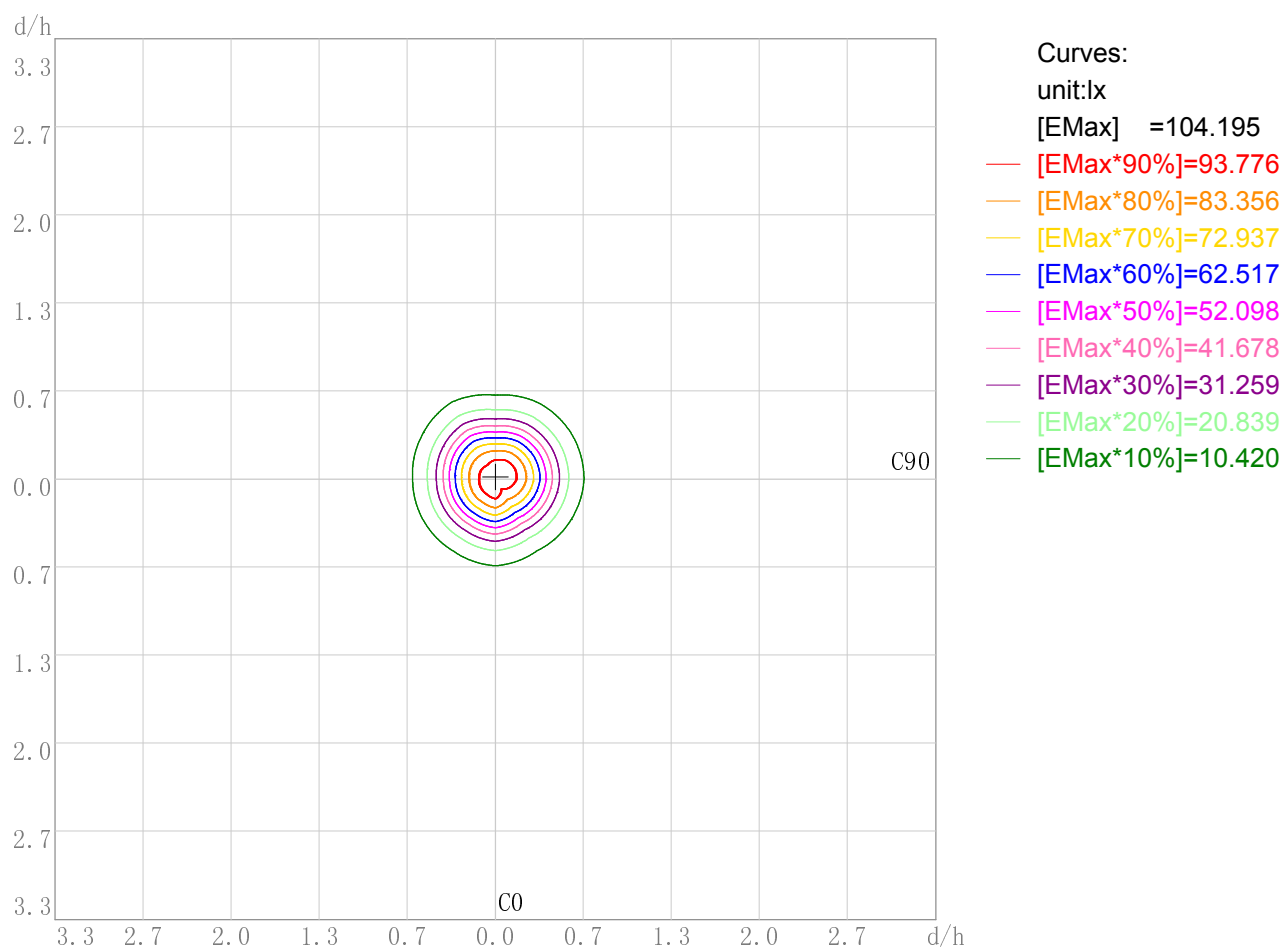


**Photometric Filename:LL-8W-COB-0800-MH(F)-20D.IES**

## Plane ISO-Illuminance Diagram

Lum. Name: 55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/11/25

### Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

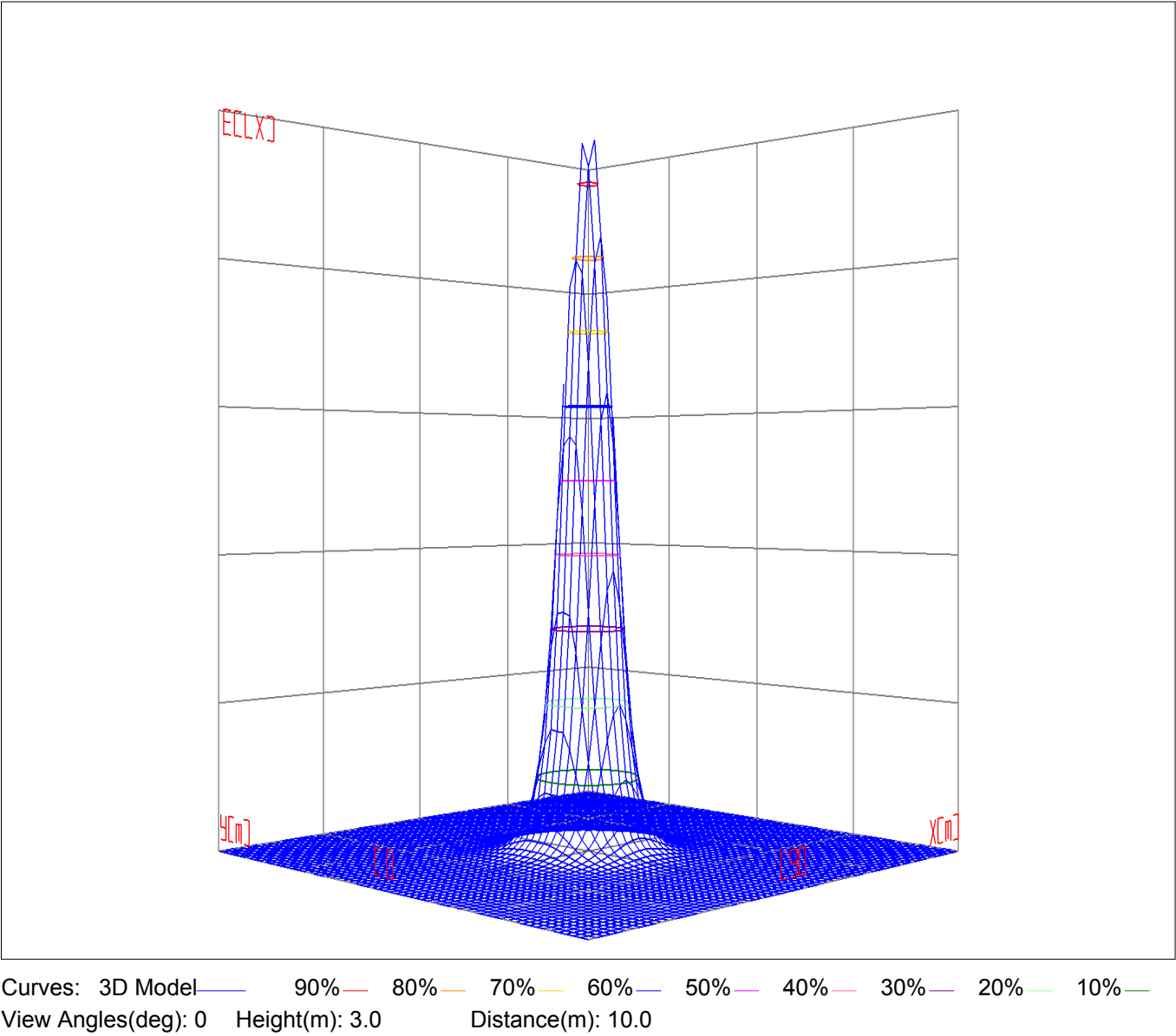
Working Plane Maximum Illuminance(lx): 104.20

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: 2024/11/25

3D Plane Illuminance Modal

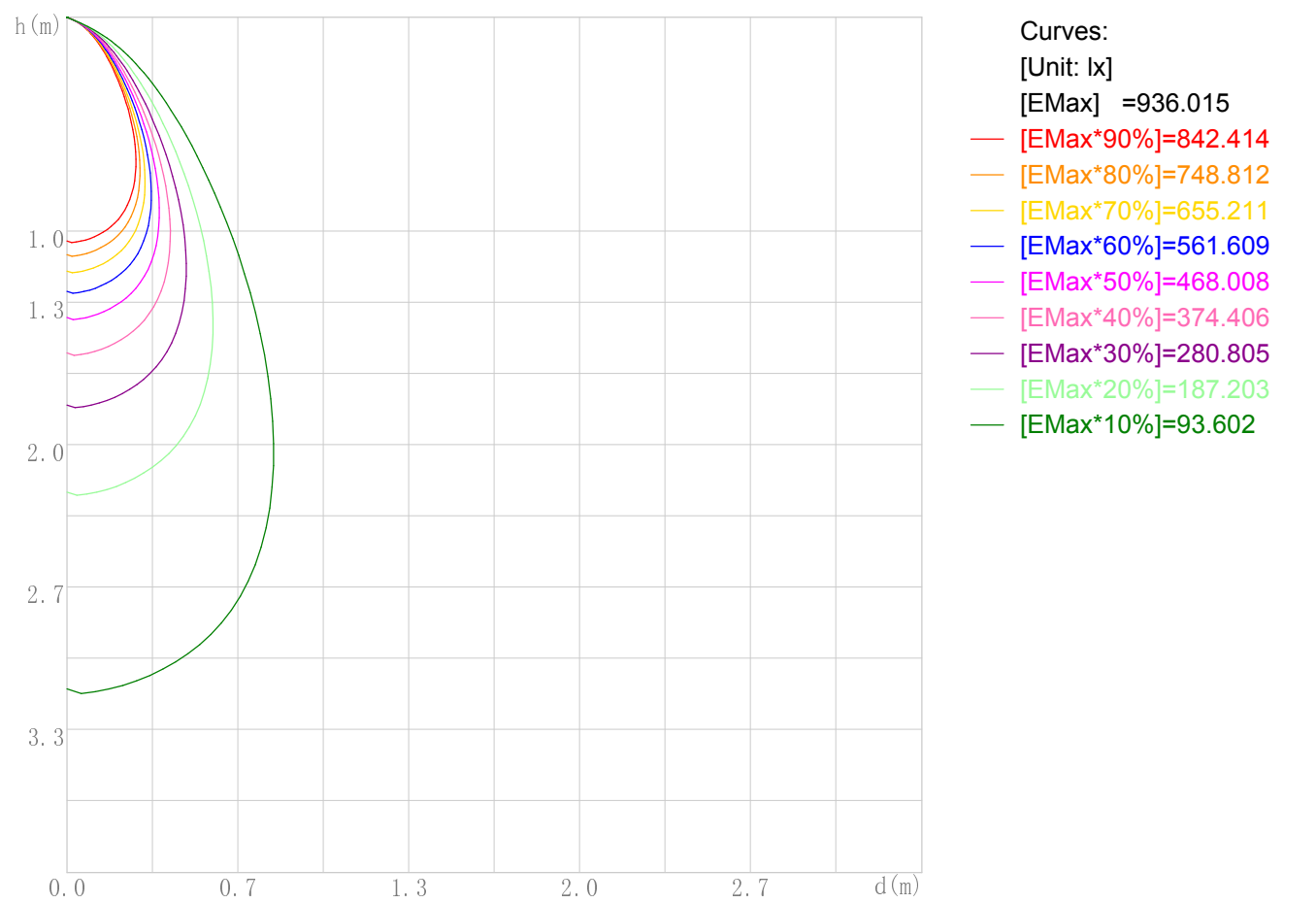




Space ISO Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/11/25

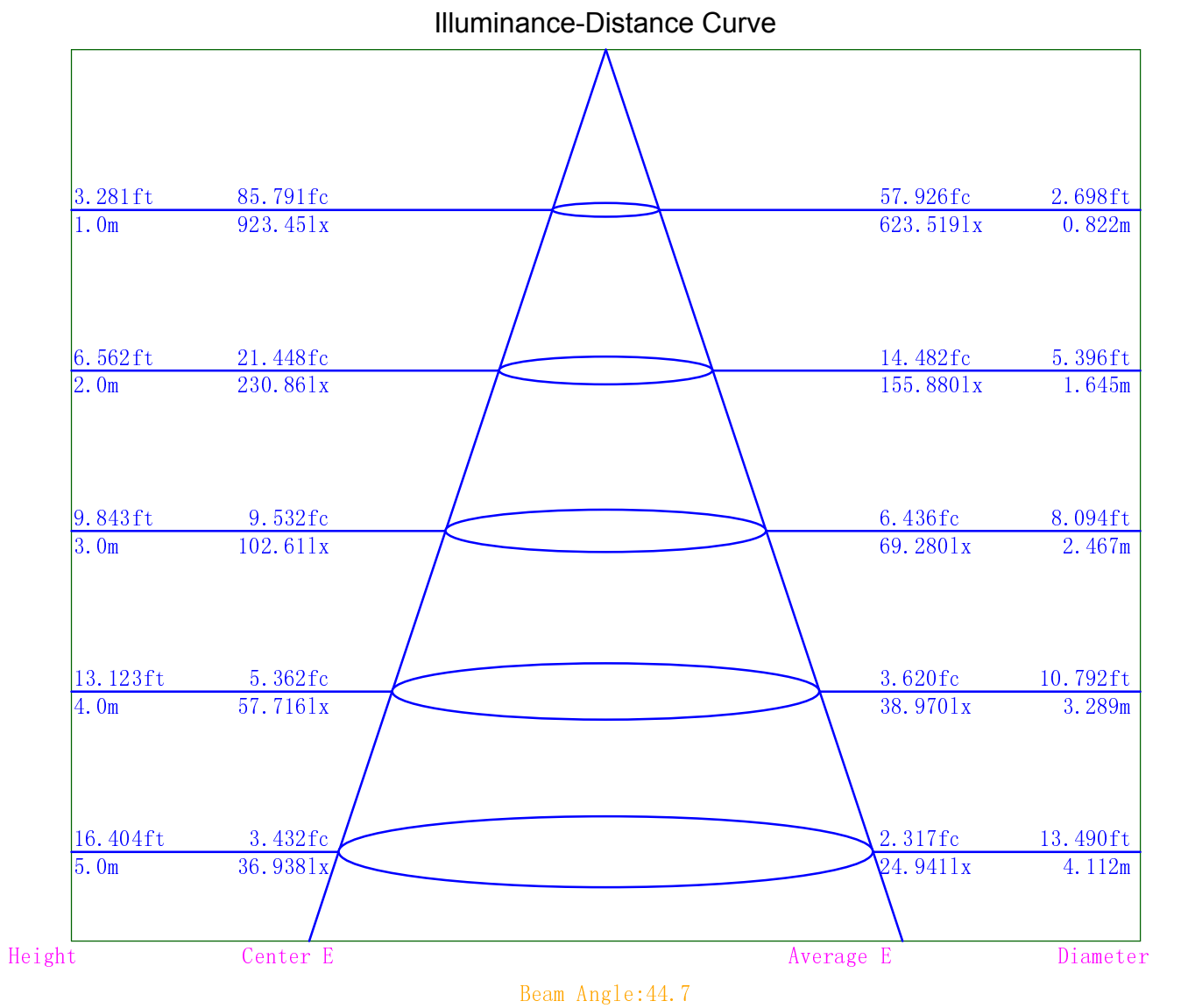
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:936.02lx,1.0deg  
Plane Maximum Lighting Intensity and @Angle:936.443cd,0deg

Illuminance-Distance Diagram

Lum. Name:55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/11/25



Indoor Luminance Limiting Curves

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/11/25

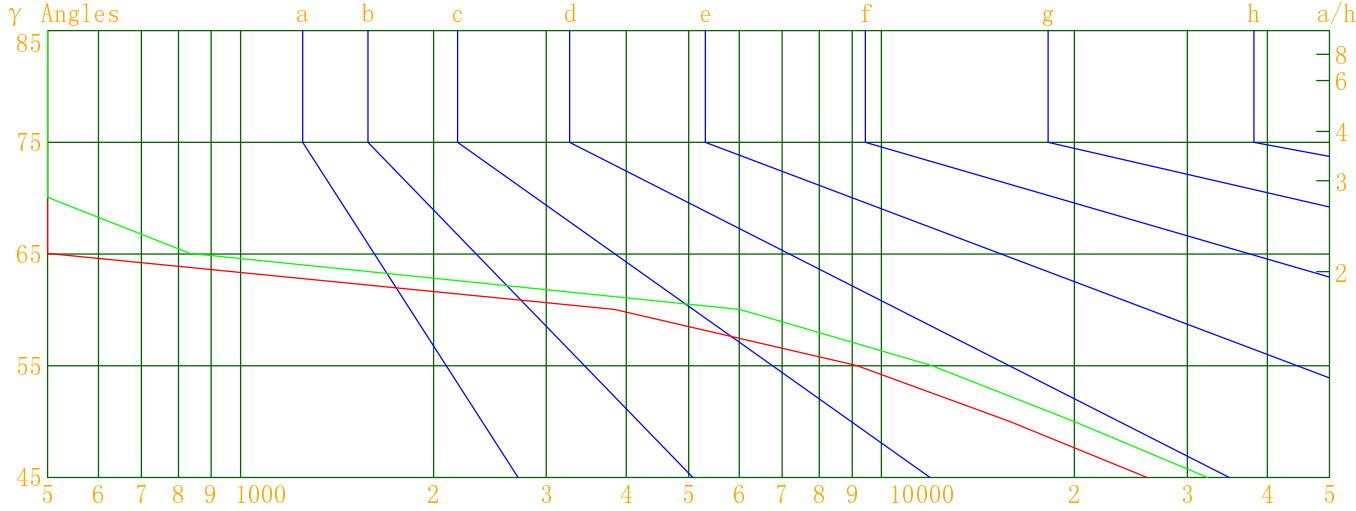
Glare Grade Table

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	25976	15858	9139	3831	0	0	0	0	0
C90	32248	19963	11957	6012	834	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

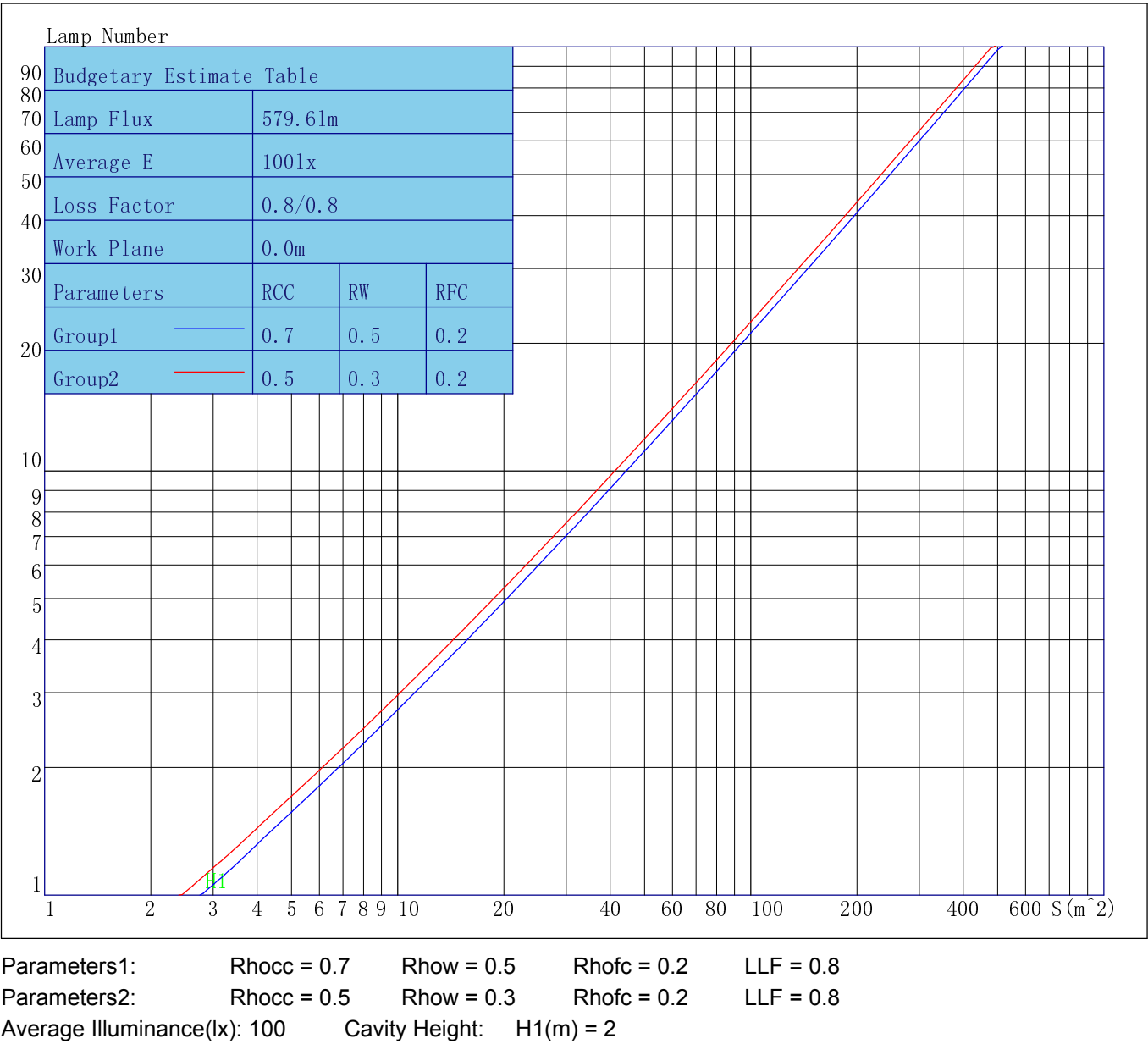
Luminous Curves:

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: 2024/11/25



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: 2024/11/25

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	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	92	90	88
3	104	98	93	89	102	96	92	88	94	90	87	91	88	86	89	87	84	83
4	99	92	87	83	97	91	86	82	89	84	81	87	83	80	85	82	79	78
5	94	86	81	77	93	86	80	77	84	79	76	82	78	75	81	77	75	73
6	90	82	76	72	89	81	76	72	79	75	71	78	74	71	77	73	70	69
7	86	77	72	68	85	77	71	68	75	71	67	74	70	67	73	69	67	65
8	82	73	68	64	81	73	68	64	72	67	64	71	67	63	70	66	63	62
9	79	70	64	61	78	69	64	61	68	64	60	68	63	60	67	63	60	59
10	76	67	61	58	75	66	61	57	65	61	57	65	60	57	64	60	57	56

Unified Glare Rating Table

Lum. Name:55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/11/25

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	19.0	20.0	19.4	20.3	20.6	19.4	20.4	19.8	20.7	21.0
	Y=3H	18.8	19.7	19.2	20.0	20.4	19.2	20.1	19.6	20.4	20.8
	Y=4H	18.7	19.5	19.1	19.9	20.3	19.1	19.9	19.5	20.3	20.7
	Y=6H	18.6	19.3	19.0	19.7	20.1	19.0	19.7	19.4	20.1	20.5
	Y=8H	18.6	19.2	19.0	19.6	20.0	19.0	19.6	19.4	20.0	20.4
	Y=12H	18.5	19.1	18.9	19.5	20.0	18.9	19.5	19.3	19.9	20.4
X=4H	Y=2H	18.8	19.6	19.2	19.9	20.3	19.2	20.0	19.6	20.3	20.7
	Y=3H	18.6	19.2	19.0	19.6	20.0	19.0	19.6	19.4	20.0	20.4
	Y=4H	18.4	19.0	18.9	19.4	19.9	18.8	19.4	19.3	19.8	20.3
	Y=6H	18.3	18.8	18.8	19.3	19.7	18.7	19.2	19.2	19.7	20.1
	Y=8H	18.3	18.7	18.7	19.2	19.6	18.6	19.1	19.1	19.6	20.0
	Y=12H	18.2	18.6	18.7	19.1	19.6	18.6	19.0	19.1	19.5	19.9
X=8H	Y=4H	18.3	18.7	18.7	19.2	19.6	18.6	19.1	19.1	19.6	20.0
	Y=6H	18.1	18.5	18.6	19.0	19.5	18.5	18.9	19.0	19.4	19.9
	Y=8H	18.1	18.4	18.6	18.9	19.4	18.4	18.8	19.0	19.3	19.8
	Y=12H	18.0	18.3	18.5	18.8	19.4	18.4	18.7	18.9	19.2	19.7
X=12H	Y=4H	18.2	18.6	18.7	19.1	19.6	18.6	19.0	19.1	19.5	19.9
	Y=6H	18.1	18.4	18.6	18.9	19.4	18.4	18.8	19.0	19.2	19.8
	Y=8H	18.0	18.3	18.5	18.8	19.4	18.4	18.7	18.9	19.2	19.7
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		12.1/0.0					11.1/0.0				
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:LL-8W-COB-0800-MH(F)-20D.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	923.45	923.45	923.45	923.45	923.45	923.45	923.45	923.45	923.45	923.45	923.45	923.45
γ 1.0	936.44	938.13	935.84	926.02	905.10	879.72	938.18	935.22	931.98	922.41	906.30	884.99
γ 2.0	932.85	936.58	934.74	925.17	901.90	874.74	935.82	930.21	926.87	917.70	904.28	885.15
γ 3.0	927.55	933.37	931.74	922.37	897.45	868.44	931.38	923.25	919.75	911.29	900.56	883.81
γ 4.0	920.40	928.45	927.35	918.17	891.32	860.81	924.85	914.11	910.52	902.74	895.41	880.86
γ 5.0	911.80	921.77	921.34	912.42	883.65	851.72	916.16	903.00	899.71	892.69	888.55	876.64
γ 6.0	901.38	913.48	913.71	904.82	874.49	841.27	905.53	890.05	886.53	881.08	880.13	870.96
γ 7.0	889.43	904.04	905.19	896.36	863.98	829.34	893.03	875.21	872.07	868.05	870.33	863.67
γ 8.0	875.80	892.87	895.20	886.35	852.14	816.49	879.13	859.34	855.93	853.38	859.00	854.98
γ 9.0	860.70	880.13	883.41	875.18	839.02	802.12	863.80	842.05	838.66	837.47	846.30	844.93
γ 10.0	843.58	865.78	870.02	862.40	824.16	786.05	846.98	823.07	820.49	820.53	832.13	833.34
γ 11.0	824.34	849.56	855.07	848.23	807.61	768.04	828.84	802.70	800.68	801.69	816.61	820.30
γ 12.0	802.80	831.29	838.20	831.88	789.26	747.73	809.18	780.55	779.05	780.90	798.82	805.36
γ 13.0	778.30	810.77	819.10	813.62	768.78	725.43	787.44	756.43	755.26	757.65	778.53	788.57
γ 14.0	751.71	787.99	798.09	793.17	746.42	700.57	763.82	730.10	729.52	732.00	755.70	769.28
γ 15.0	722.58	762.67	774.23	770.24	721.37	673.34	737.53	701.35	701.06	703.05	730.43	747.38
γ 16.0	690.89	734.64	747.40	744.21	693.72	643.51	709.32	670.76	670.25	671.89	702.36	723.10
γ 17.0	657.06	703.93	717.98	714.95	663.17	611.54	678.58	637.52	636.95	637.85	671.71	696.07
γ 18.0	620.86	670.85	685.99	683.64	630.27	577.64	645.41	602.29	601.32	601.81	638.16	666.20
γ 19.0	583.42	635.64	651.15	649.60	595.29	542.31	610.12	565.12	563.86	563.72	602.52	633.82
γ 20.0	544.89	598.84	614.91	613.93	558.77	506.14	573.64	527.05	525.44	525.03	565.31	599.48
γ 21.0	505.85	560.95	577.27	576.26	521.64	469.78	536.09	488.63	486.36	485.95	527.00	563.22
γ 22.0	466.78	522.11	538.26	537.22	483.66	433.13	498.16	450.84	447.66	447.23	488.43	526.16
γ 23.0	428.28	483.05	499.04	497.55	445.72	397.49	459.95	413.35	409.72	409.45	450.13	488.75
γ 24.0	391.16	444.45	459.75	458.26	408.38	363.00	422.09	377.17	373.39	372.98	411.93	451.07
γ 25.0	355.09	406.71	420.85	419.59	372.44	329.76	385.71	341.97	338.31	337.83	375.45	413.86
γ 26.0	321.20	370.76	383.95	382.67	338.10	298.59	350.71	308.89	305.54	304.59	340.31	378.11
γ 27.0	289.43	336.04	348.24	347.29	305.67	269.48	317.35	278.09	274.75	273.80	307.22	343.54
γ 28.0	259.71	303.11	314.48	313.49	275.33	242.14	286.30	249.71	246.40	245.41	276.42	310.95
γ 29.0	232.17	272.32	282.65	281.80	247.08	217.04	257.48	223.63	220.50	219.64	247.90	280.39
γ 30.0	207.14	244.00	253.37	252.85	221.13	194.31	230.68	199.89	196.73	195.91	221.53	251.86
γ 31.0	184.41	217.98	226.40	226.15	197.59	173.78	206.36	178.33	175.33	174.52	197.69	225.50
γ 32.0	164.16	194.51	202.00	201.96	176.46	155.31	184.27	158.85	156.25	155.26	176.12	201.54
γ 33.0	145.86	173.36	180.03	180.05	157.41	138.73	164.32	141.48	138.98	138.17	156.71	179.85
γ 34.0	129.52	154.13	160.38	160.15	140.38	123.72	146.57	126.06	123.88	122.97	139.55	160.34
γ 35.0	115.18	136.84	142.65	142.49	125.19	110.37	130.69	112.35	110.44	109.74	124.25	143.01
γ 36.0	102.38	121.48	126.70	126.71	111.61	98.48	116.36	100.01	98.31	97.66	110.52	127.29
γ 37.0	90.86	108.11	112.68	112.75	99.45	87.76	103.73	88.96	87.55	86.98	98.45	113.41
γ 38.0	80.87	96.11	100.28	100.39	88.72	78.36	92.43	79.20	77.90	77.46	87.60	101.10
γ 39.0	72.02	85.54	89.19	89.41	79.17	70.02	82.35	70.53	69.43	69.01	78.08	90.11
γ 40.0	64.18	76.07	79.36	79.63	70.63	62.48	73.42	62.89	61.94	61.62	69.68	80.39
γ 41.0	57.13	67.71	70.66	70.89	62.97	55.78	65.55	56.05	55.13	55.00	62.13	71.83
γ 42.0	50.91	60.24	62.92	63.11	56.24	49.74	58.37	49.87	49.17	49.06	55.46	64.02
γ 43.0	45.41	53.72	56.08	56.35	50.13	44.47	51.99	44.38	43.77	43.76	49.47	57.11
γ 44.0	40.46	47.89	49.92	50.26	44.84	39.79	46.36	39.52	39.05	39.08	44.18	50.94
γ 45.0	36.06	42.63	44.62	44.77	40.12	35.37	41.20	35.09	34.76	34.74	39.49	45.39
γ 46.0	32.11	38.12	39.82	40.00	35.86	31.53	36.77	31.26	30.95	30.95	35.33	40.69

**Photometric Filename:LL-8W-COB-0800-MH(F)-20D.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	28.60	33.89	35.49	35.68	31.87	28.08	32.65	27.75	27.52	27.67	31.53	36.35
γ 48.0	25.46	30.17	31.59	31.79	28.49	24.88	29.01	24.60	24.36	24.51	28.07	32.46
γ 49.0	22.56	26.85	28.21	28.33	25.26	22.19	25.70	21.76	21.65	21.80	24.98	28.99
γ 50.0	20.01	23.88	25.07	25.20	22.48	19.69	22.83	19.20	19.15	19.31	22.23	25.76
γ 51.0	17.69	21.22	22.36	22.36	20.06	17.33	20.19	16.90	16.87	17.11	19.72	22.91
γ 52.0	15.64	18.78	19.82	19.90	17.73	15.25	17.80	14.90	14.78	15.05	17.51	20.45
γ 53.0	13.70	16.47	17.48	17.49	15.61	13.30	15.69	12.98	12.99	13.27	15.34	18.09
γ 54.0	11.88	14.53	15.36	15.37	13.65	11.65	13.68	11.37	11.33	11.50	13.54	15.90
γ 55.0	10.29	12.67	13.42	13.47	11.86	9.94	11.86	9.74	9.76	9.93	11.78	13.98
γ 56.0	8.73	10.97	11.73	11.68	10.25	8.49	10.27	8.23	8.33	8.60	10.16	12.32
γ 57.0	7.35	9.43	10.03	10.17	8.73	7.14	8.76	6.96	7.03	7.24	8.79	10.67
γ 58.0	6.04	7.91	8.58	8.67	7.38	5.85	7.41	5.72	5.70	5.94	7.47	9.18
γ 59.0	4.83	6.55	7.13	7.20	6.01	4.78	6.13	4.56	4.69	4.85	6.14	7.76
γ 60.0	3.76	5.33	5.88	5.90	4.89	3.65	4.93	3.56	3.67	3.84	4.98	6.42
γ 61.0	2.72	4.14	4.70	4.67	3.77	2.63	3.88	2.53	2.62	2.76	3.89	5.30
γ 62.0	1.68	3.13	3.54	3.67	2.71	1.71	2.81	1.60	1.72	1.87	2.95	4.16
γ 63.0	0.74	2.08	2.47	2.61	1.68	0.81	1.88	0.78	0.81	0.89	1.95	3.10
γ 64.0	0.00	1.06	1.51	1.64	0.83	0.00	0.91	0.00	0.04	0.05	1.09	2.10
γ 65.0	0.00	0.15	0.51	0.69	0.00	0.00	0.12	0.00	0.00	0.00	0.16	1.16
γ 66.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27
γ 67.0	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 68.0	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 69.0	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 70.0	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 71.0	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 72.0	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 73.0	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 74.0	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 75.0	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 76.0	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 77.0	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 78.0	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 79.0	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 80.0	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 81.0	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 82.0	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 83.0	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 84.0	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 85.0	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 86.0	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 87.0	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 88.0	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 89.0	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 90.0	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 91.0	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 92.0	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 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



**Photometric Filename:LL-8W-COB-0800-MH(F)-20D.IES**[illegible]

**Photometric Filename:LL-8W-COB-0800-MH(F)-20D.IES**[illegible]