

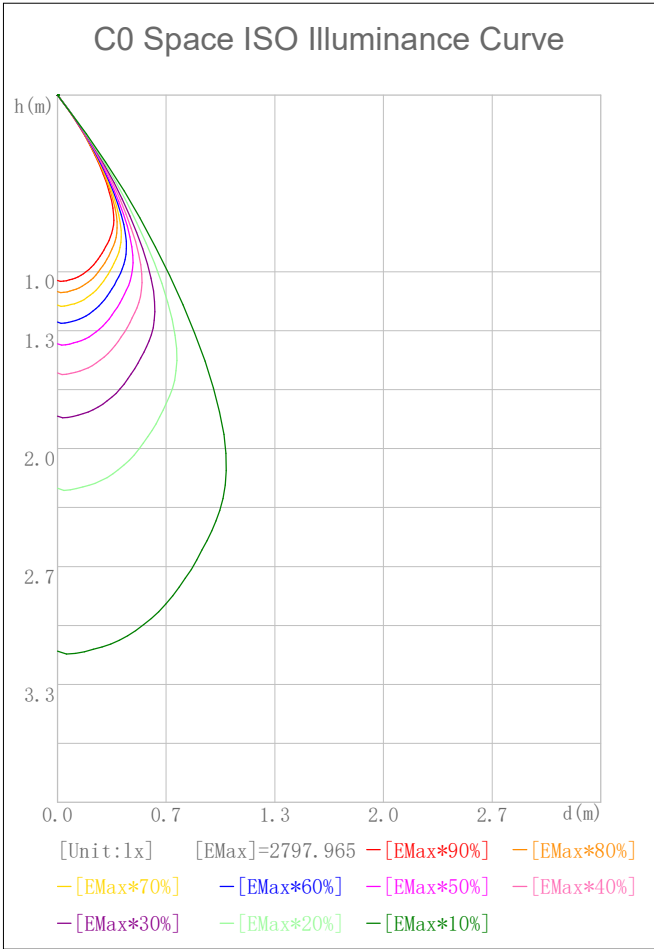
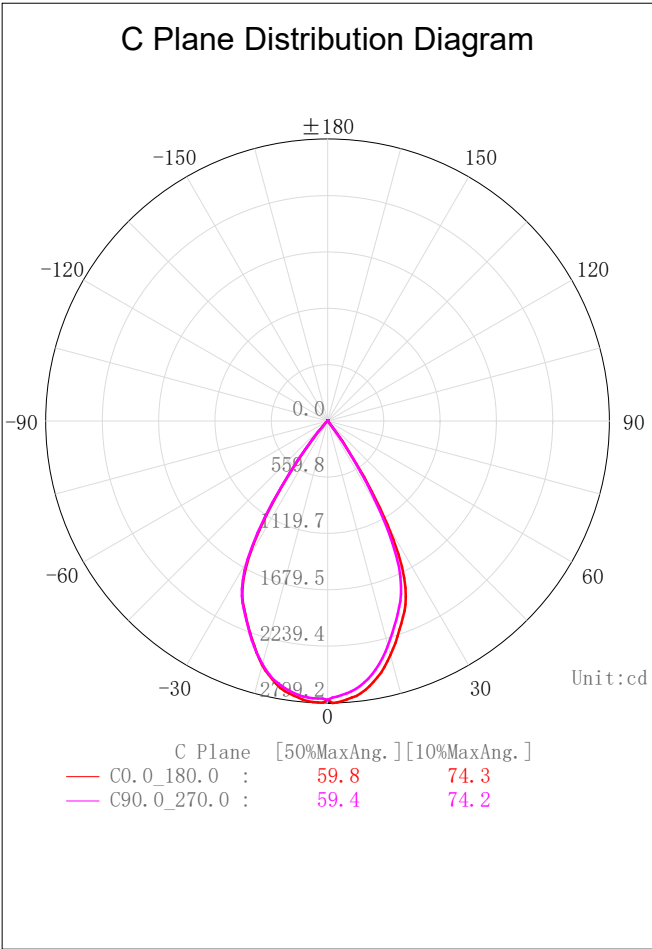
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 55252		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2025/03/22
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

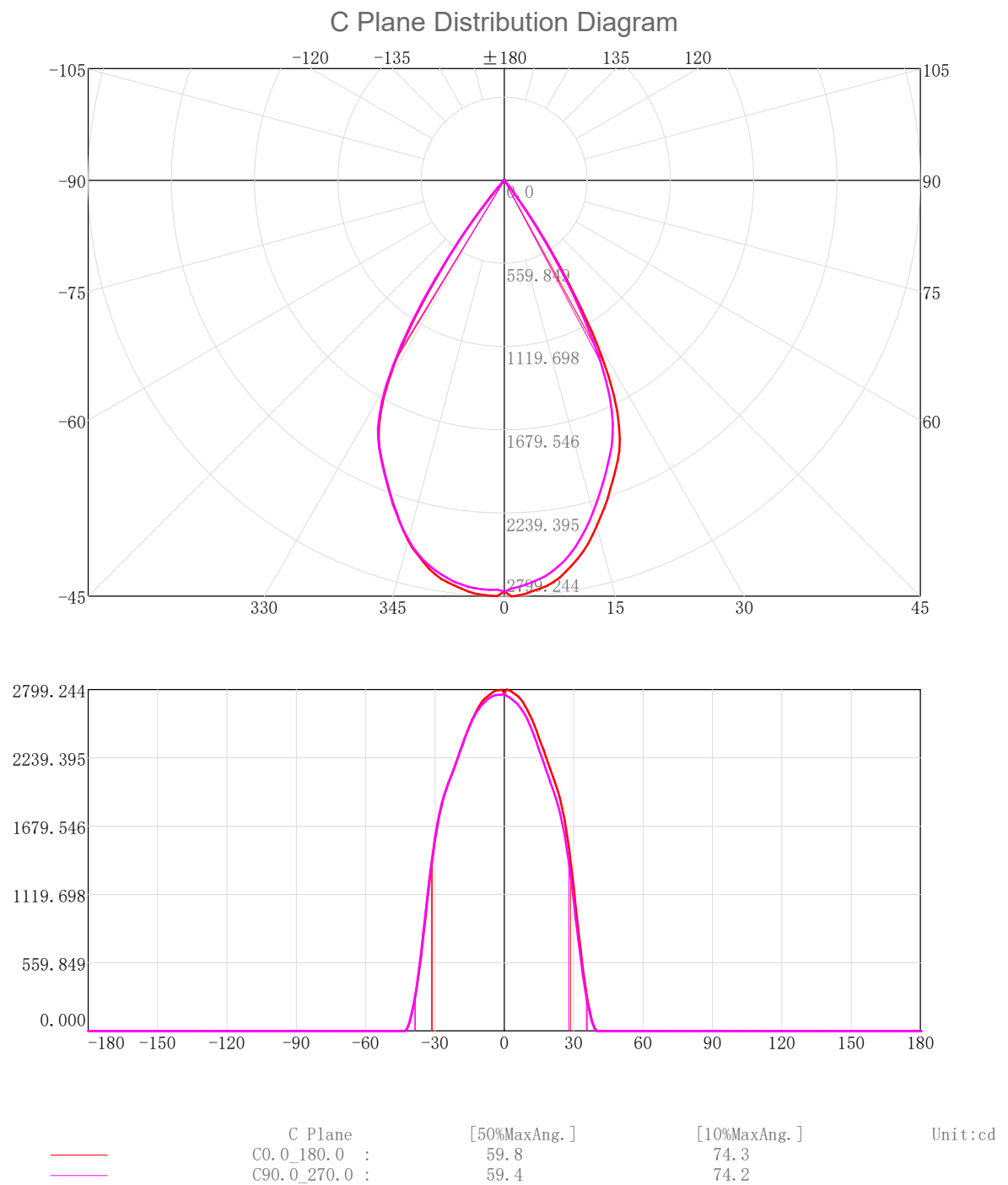
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 2148.730	Luminary Flux(lm): 2148.733	Field Angle(10%Imax): 74.3(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 2148.733lm 100.00%	
Rated Voltage(V):	Luminary EER(lm/W): 93.140	Up Lumens&Percent: 0.000lm 0.00%	
Tested Power(W): 23.070	Max. Candela(cd): 2799.244	S/MH: C0_a180=0.953 C90_270=0.935	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):229.8, 0.104, 0.957		ErP Φuse(90°): 2140.457lm	
Lamp Size(W*L*H):0.050m*-0.050m*0.000m		IRF(%): 265.641	
		Left=-31.2°, Right=28.6°	



2D Plane Light Intensity Distribution Curve

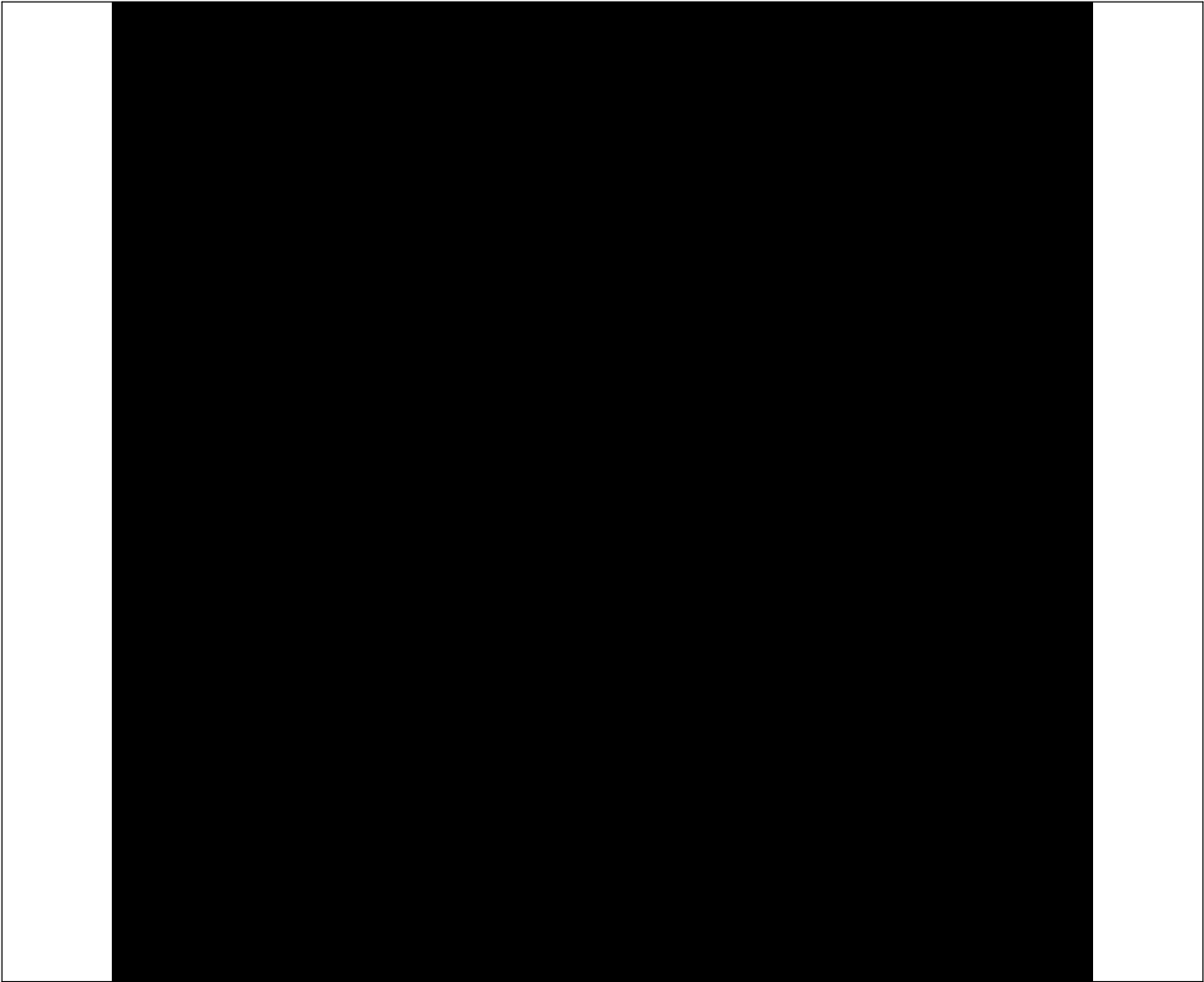
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2025/03/22



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: 2025/03/22

3D Light Intensity Distribution Modal



Curves:

3D Model

Fixture

Vert. HUD

Hori. HUD

View Angles:

Orient:0

Tilt:0

Roll:0

Spin:0

IES Indoor Report
Photometric Filename:UL-25W-COB-2500-FH(N)-60D-3000K.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	2.64	2.64	0.12	0.12	47.0-48.0	0.00	2148.73	0.00	100.00
1.0-2.0	7.92	10.56	0.37	0.49	48.0-49.0	0.00	2148.73	0.00	100.00
2.0-3.0	13.17	23.73	0.61	1.10	49.0-50.0	0.00	2148.73	0.00	100.00
3.0-4.0	18.38	42.11	0.86	1.96	50.0-51.0	0.00	2148.73	0.00	100.00
4.0-5.0	23.53	65.64	1.09	3.05	51.0-52.0	0.00	2148.73	0.00	100.00
5.0-6.0	28.60	94.24	1.33	4.39	52.0-53.0	0.00	2148.73	0.00	100.00
6.0-7.0	33.57	127.81	1.56	5.95	53.0-54.0	0.00	2148.73	0.00	100.00
7.0-8.0	38.42	166.23	1.79	7.74	54.0-55.0	0.00	2148.73	0.00	100.00
8.0-9.0	43.14	209.37	2.01	9.74	55.0-56.0	0.00	2148.73	0.00	100.00
9.0-10.0	47.68	257.05	2.22	11.96	56.0-57.0	0.00	2148.73	0.00	100.00
10.0-11.0	52.01	309.06	2.42	14.38	57.0-58.0	0.00	2148.73	0.00	100.00
11.0-12.0	56.13	365.19	2.61	17.00	58.0-59.0	0.00	2148.73	0.00	100.00
12.0-13.0	60.02	425.21	2.79	19.79	59.0-60.0	0.00	2148.73	0.00	100.00
13.0-14.0	63.65	488.85	2.96	22.75	60.0-61.0	0.00	2148.73	0.00	100.00
14.0-15.0	67.01	555.86	3.12	25.87	61.0-62.0	0.00	2148.73	0.00	100.00
15.0-16.0	70.08	625.94	3.26	29.13	62.0-63.0	0.00	2148.73	0.00	100.00
16.0-17.0	72.90	698.84	3.39	32.52	63.0-64.0	0.00	2148.73	0.00	100.00
17.0-18.0	75.45	774.29	3.51	36.03	64.0-65.0	0.00	2148.73	0.00	100.00
18.0-19.0	77.77	852.06	3.62	39.65	65.0-66.0	0.00	2148.73	0.00	100.00
19.0-20.0	79.88	931.94	3.72	43.37	66.0-67.0	0.00	2148.73	0.00	100.00
20.0-21.0	81.78	1013.73	3.81	47.18	67.0-68.0	0.00	2148.73	0.00	100.00
21.0-22.0	83.45	1097.18	3.88	51.06	68.0-69.0	0.00	2148.73	0.00	100.00
22.0-23.0	84.85	1182.03	3.95	55.01	69.0-70.0	0.00	2148.73	0.00	100.00
23.0-24.0	85.84	1267.87	4.00	59.01	70.0-71.0	0.00	2148.73	0.00	100.00
24.0-25.0	86.36	1354.23	4.02	63.02	71.0-72.0	0.00	2148.73	0.00	100.00
25.0-26.0	86.27	1440.50	4.01	67.04	72.0-73.0	0.00	2148.73	0.00	100.00
26.0-27.0	85.35	1525.85	3.97	71.01	73.0-74.0	0.00	2148.73	0.00	100.00
27.0-28.0	83.41	1609.26	3.88	74.89	74.0-75.0	0.00	2148.73	0.00	100.00
28.0-29.0	80.33	1689.59	3.74	78.63	75.0-76.0	0.00	2148.73	0.00	100.00
29.0-30.0	76.02	1765.61	3.54	82.17	76.0-77.0	0.00	2148.73	0.00	100.00
30.0-31.0	70.51	1836.12	3.28	85.45	77.0-78.0	0.00	2148.73	0.00	100.00
31.0-32.0	63.97	1900.09	2.98	88.43	78.0-79.0	0.00	2148.73	0.00	100.00
32.0-33.0	56.60	1956.69	2.63	91.06	79.0-80.0	0.00	2148.73	0.00	100.00
33.0-34.0	48.68	2005.37	2.27	93.33	80.0-81.0	0.00	2148.73	0.00	100.00
34.0-35.0	40.54	2045.91	1.89	95.21	81.0-82.0	0.00	2148.73	0.00	100.00
35.0-36.0	32.54	2078.45	1.51	96.73	82.0-83.0	0.00	2148.73	0.00	100.00
36.0-37.0	24.99	2103.44	1.16	97.89	83.0-84.0	0.00	2148.73	0.00	100.00
37.0-38.0	18.17	2121.61	0.85	98.74	84.0-85.0	0.00	2148.73	0.00	100.00
38.0-39.0	12.29	2133.90	0.57	99.31	85.0-86.0	0.00	2148.73	0.00	100.00
39.0-40.0	7.67	2141.57	0.36	99.67	86.0-87.0	0.00	2148.73	0.00	100.00
40.0-41.0	4.42	2145.99	0.21	99.87	87.0-88.0	0.00	2148.73	0.00	100.00
41.0-42.0	2.09	2148.08	0.10	99.97	88.0-89.0	0.00	2148.73	0.00	100.00
42.0-43.0	0.60	2148.68	0.03	100.00	89.0-90.0	0.00	2148.73	0.00	100.00
43.0-44.0	0.05	2148.73	0.00	100.00	90.0-91.0	0.00	2148.73	0.00	100.00
44.0-45.0	0.00	2148.73	0.00	100.00	91.0-92.0	0.00	2148.73	0.00	100.00
45.0-46.0	0.00	2148.73	0.00	100.00	92.0-93.0	0.00	2148.73	0.00	100.00
46.0-47.0	0.00	2148.73	0.00	100.00	93.0-94.0	0.00	2148.73	0.00	100.00

IES Indoor Report

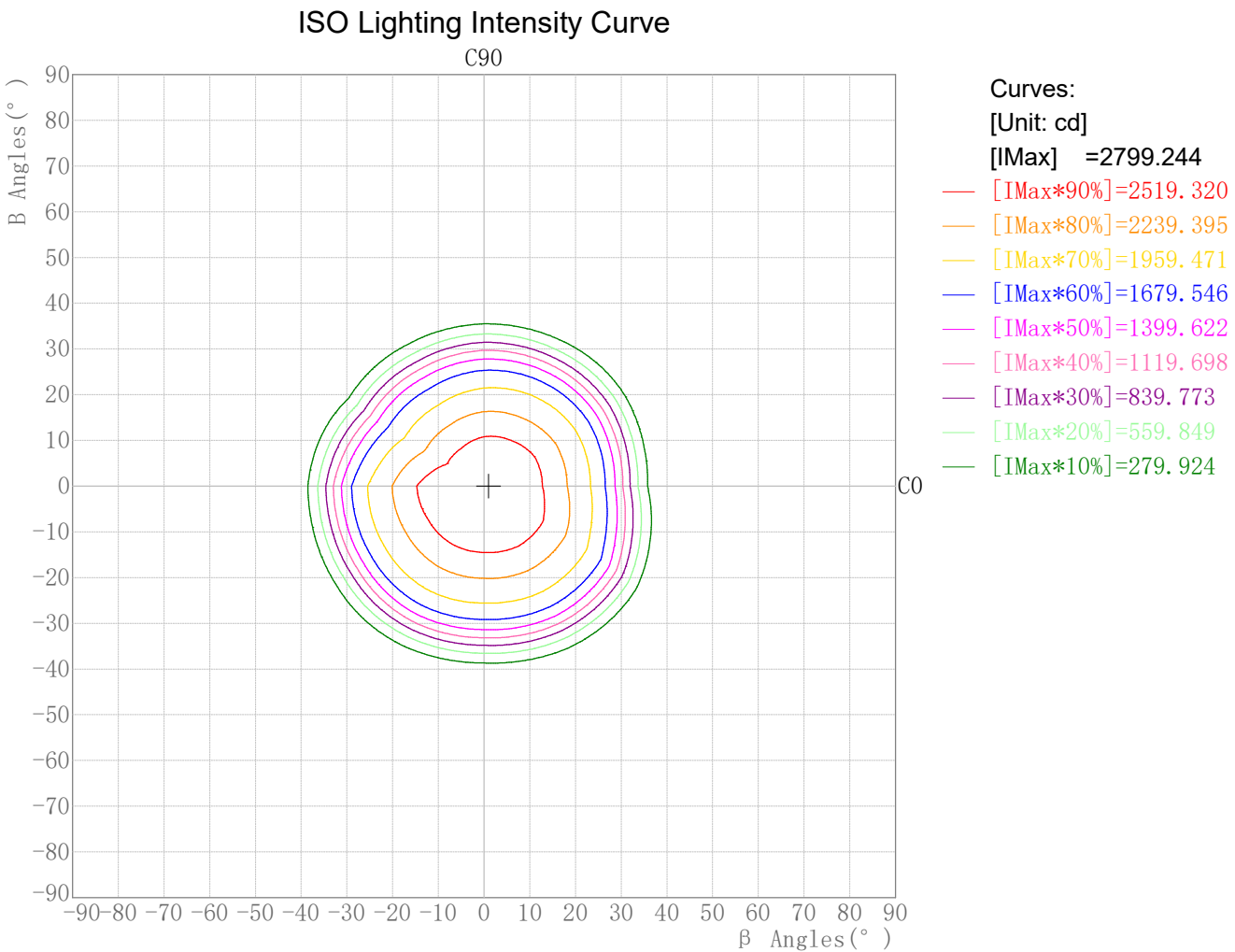
Photometric Filename:UL-25W-COB-2500-FH(N)-60D-3000K.IES

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	2148.73	0.00	100.00	141.0-142.0	0.00	2148.73	0.00	100.00
95.0-96.0	0.00	2148.73	0.00	100.00	142.0-143.0	0.00	2148.73	0.00	100.00
96.0-97.0	0.00	2148.73	0.00	100.00	143.0-144.0	0.00	2148.73	0.00	100.00
97.0-98.0	0.00	2148.73	0.00	100.00	144.0-145.0	0.00	2148.73	0.00	100.00
98.0-99.0	0.00	2148.73	0.00	100.00	145.0-146.0	0.00	2148.73	0.00	100.00
99.0-100.0	0.00	2148.73	0.00	100.00	146.0-147.0	0.00	2148.73	0.00	100.00
100.0-101.0	0.00	2148.73	0.00	100.00	147.0-148.0	0.00	2148.73	0.00	100.00
101.0-102.0	0.00	2148.73	0.00	100.00	148.0-149.0	0.00	2148.73	0.00	100.00
102.0-103.0	0.00	2148.73	0.00	100.00	149.0-150.0	0.00	2148.73	0.00	100.00
103.0-104.0	0.00	2148.73	0.00	100.00	150.0-151.0	0.00	2148.73	0.00	100.00
104.0-105.0	0.00	2148.73	0.00	100.00	151.0-152.0	0.00	2148.73	0.00	100.00
105.0-106.0	0.00	2148.73	0.00	100.00	152.0-153.0	0.00	2148.73	0.00	100.00
106.0-107.0	0.00	2148.73	0.00	100.00	153.0-154.0	0.00	2148.73	0.00	100.00
107.0-108.0	0.00	2148.73	0.00	100.00	154.0-155.0	0.00	2148.73	0.00	100.00
108.0-109.0	0.00	2148.73	0.00	100.00	155.0-156.0	0.00	2148.73	0.00	100.00
109.0-110.0	0.00	2148.73	0.00	100.00	156.0-157.0	0.00	2148.73	0.00	100.00
110.0-111.0	0.00	2148.73	0.00	100.00	157.0-158.0	0.00	2148.73	0.00	100.00
111.0-112.0	0.00	2148.73	0.00	100.00	158.0-159.0	0.00	2148.73	0.00	100.00
112.0-113.0	0.00	2148.73	0.00	100.00	159.0-160.0	0.00	2148.73	0.00	100.00
113.0-114.0	0.00	2148.73	0.00	100.00	160.0-161.0	0.00	2148.73	0.00	100.00
114.0-115.0	0.00	2148.73	0.00	100.00	161.0-162.0	0.00	2148.73	0.00	100.00
115.0-116.0	0.00	2148.73	0.00	100.00	162.0-163.0	0.00	2148.73	0.00	100.00
116.0-117.0	0.00	2148.73	0.00	100.00	163.0-164.0	0.00	2148.73	0.00	100.00
117.0-118.0	0.00	2148.73	0.00	100.00	164.0-165.0	0.00	2148.73	0.00	100.00
118.0-119.0	0.00	2148.73	0.00	100.00	165.0-166.0	0.00	2148.73	0.00	100.00
119.0-120.0	0.00	2148.73	0.00	100.00	166.0-167.0	0.00	2148.73	0.00	100.00
120.0-121.0	0.00	2148.73	0.00	100.00	167.0-168.0	0.00	2148.73	0.00	100.00
121.0-122.0	0.00	2148.73	0.00	100.00	168.0-169.0	0.00	2148.73	0.00	100.00
122.0-123.0	0.00	2148.73	0.00	100.00	169.0-170.0	0.00	2148.73	0.00	100.00
123.0-124.0	0.00	2148.73	0.00	100.00	170.0-171.0	0.00	2148.73	0.00	100.00
124.0-125.0	0.00	2148.73	0.00	100.00	171.0-172.0	0.00	2148.73	0.00	100.00
125.0-126.0	0.00	2148.73	0.00	100.00	172.0-173.0	0.00	2148.73	0.00	100.00
126.0-127.0	0.00	2148.73	0.00	100.00	173.0-174.0	0.00	2148.73	0.00	100.00
127.0-128.0	0.00	2148.73	0.00	100.00	174.0-175.0	0.00	2148.73	0.00	100.00
128.0-129.0	0.00	2148.73	0.00	100.00	175.0-176.0	0.00	2148.73	0.00	100.00
129.0-130.0	0.00	2148.73	0.00	100.00	176.0-177.0	0.00	2148.73	0.00	100.00
130.0-131.0	0.00	2148.73	0.00	100.00	177.0-178.0	0.00	2148.73	0.00	100.00
131.0-132.0	0.00	2148.73	0.00	100.00	178.0-179.0	0.00	2148.73	0.00	100.00
132.0-133.0	0.00	2148.73	0.00	100.00	179.0-180.0	0.00	2148.73	0.00	100.00
133.0-134.0	0.00	2148.73	0.00	100.00					
134.0-135.0	0.00	2148.73	0.00	100.00					
135.0-136.0	0.00	2148.73	0.00	100.00					
136.0-137.0	0.00	2148.73	0.00	100.00					
137.0-138.0	0.00	2148.73	0.00	100.00					
138.0-139.0	0.00	2148.73	0.00	100.00					
139.0-140.0	0.00	2148.73	0.00	100.00					
140.0-141.0	0.00	2148.73	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: 2025/03/22

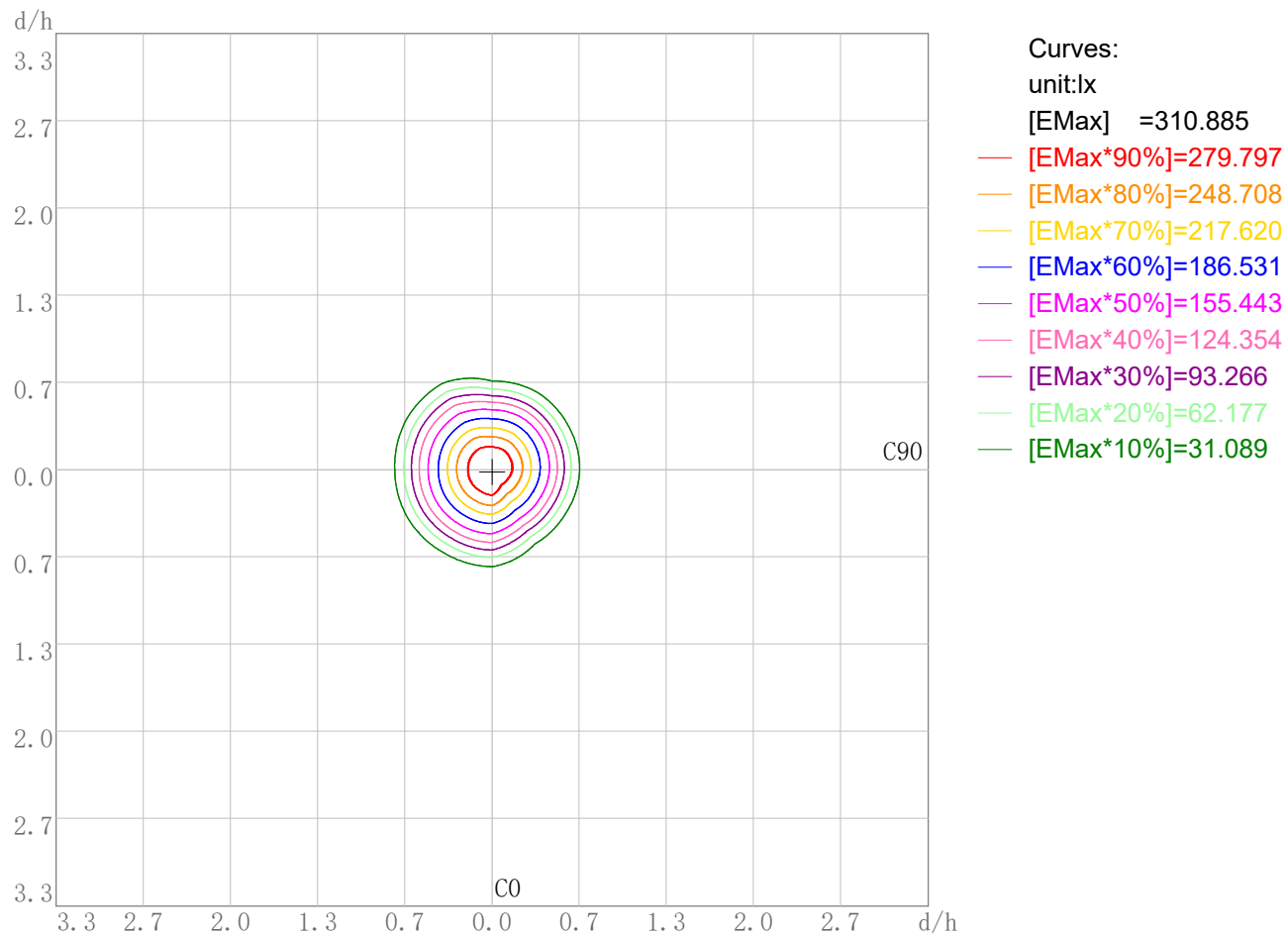


Maximum Light Intensity(cd): 2799.24
Maximum Cand.@Angle: H=1.0°,V=0.0°

Plane ISO-Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2025/03/22

Plane ISO-Illuminance Curve

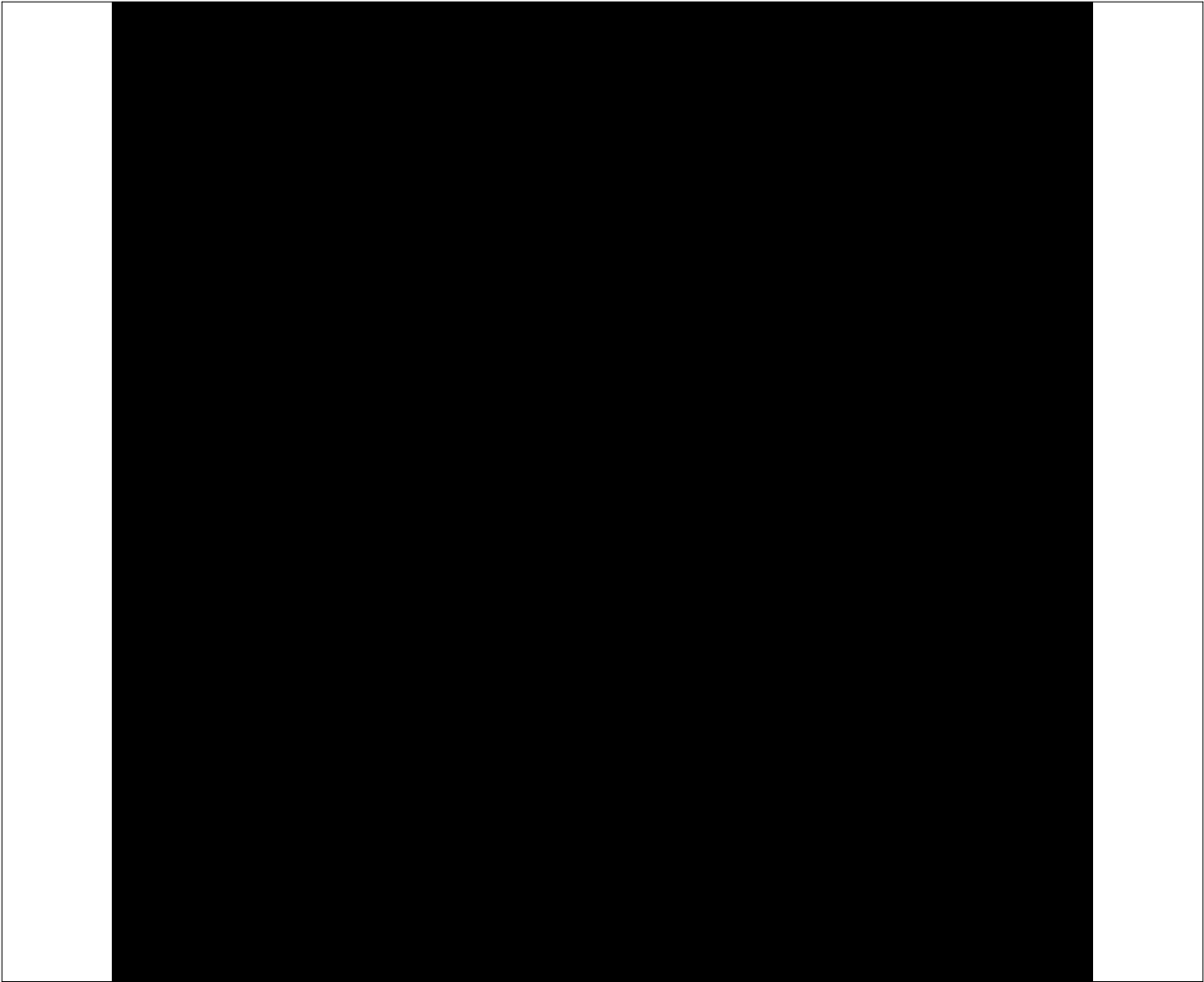


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 310.89
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

3D Plane ISO Illuminance Diagram

Lum. Name: 55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2025/03/22

3D Plane Illuminance Modal



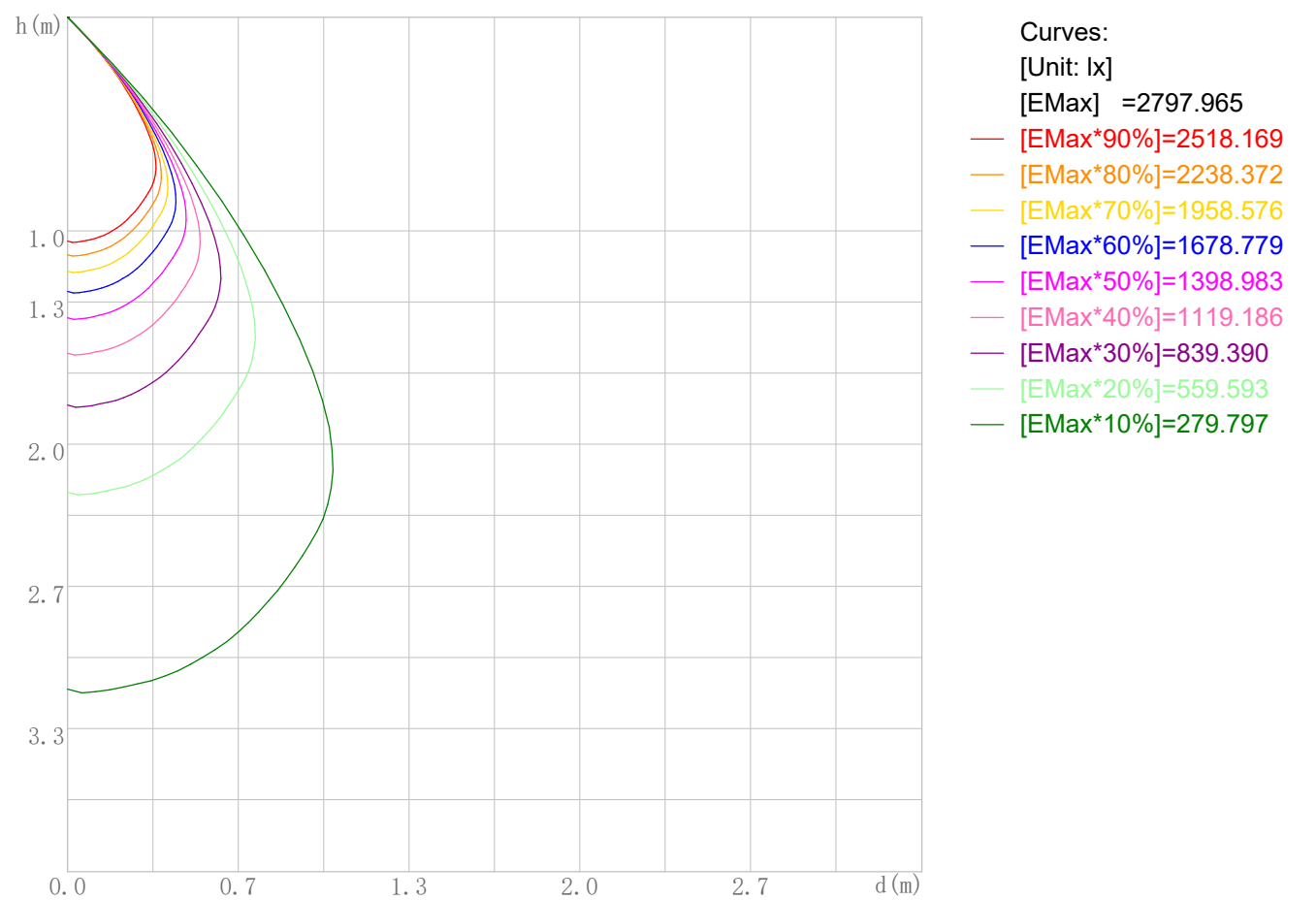
Curves: 3D Model— 90%— 80%— 70%— 60%— 50%— 40%— 30%— 20%— 10%—

View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2025/03/22

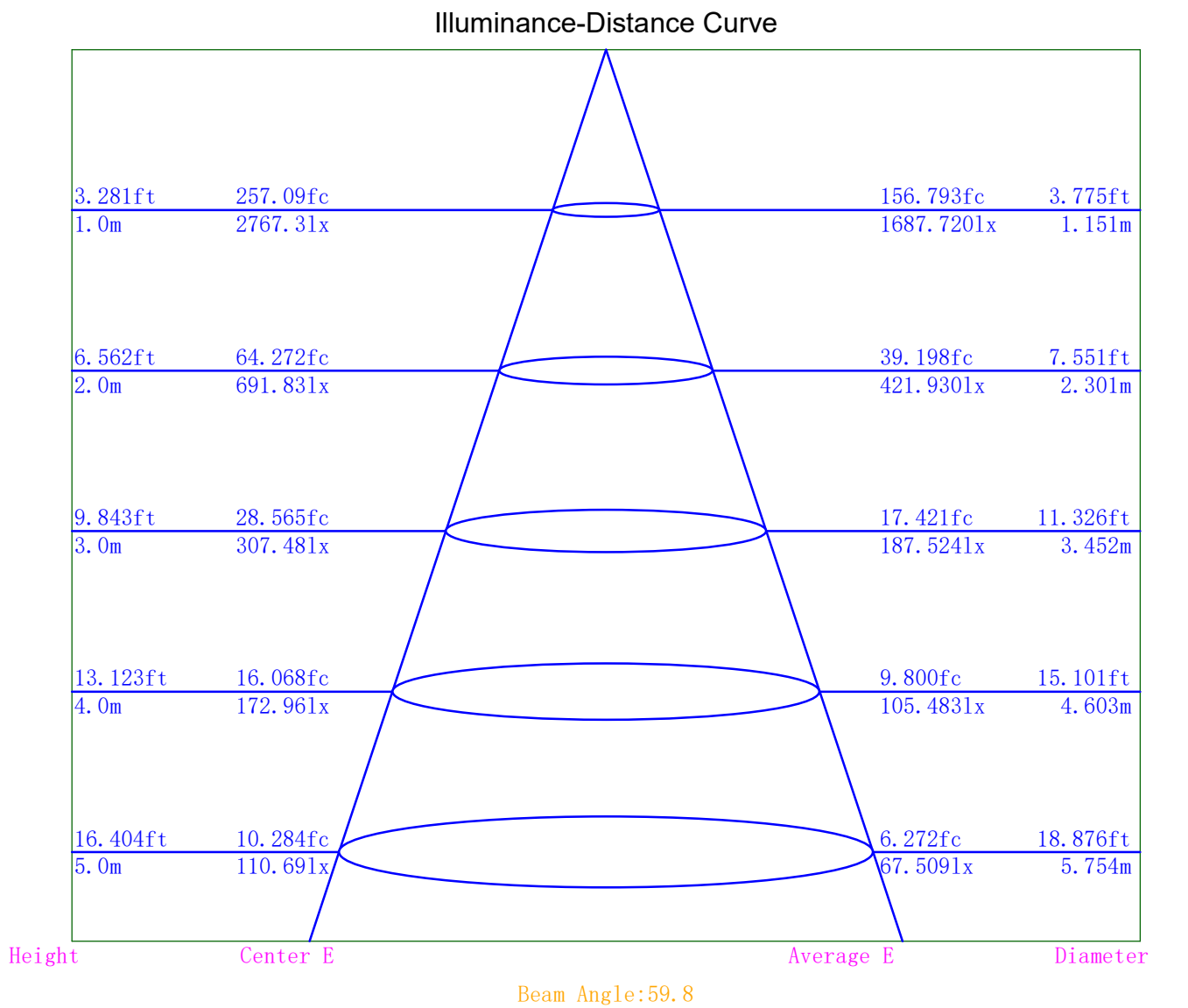
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:2797.97lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:2799.244cd,0eg

Illuminance-Distance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2025/03/22



Indoor Luminance Limiting Curves

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2025/03/22

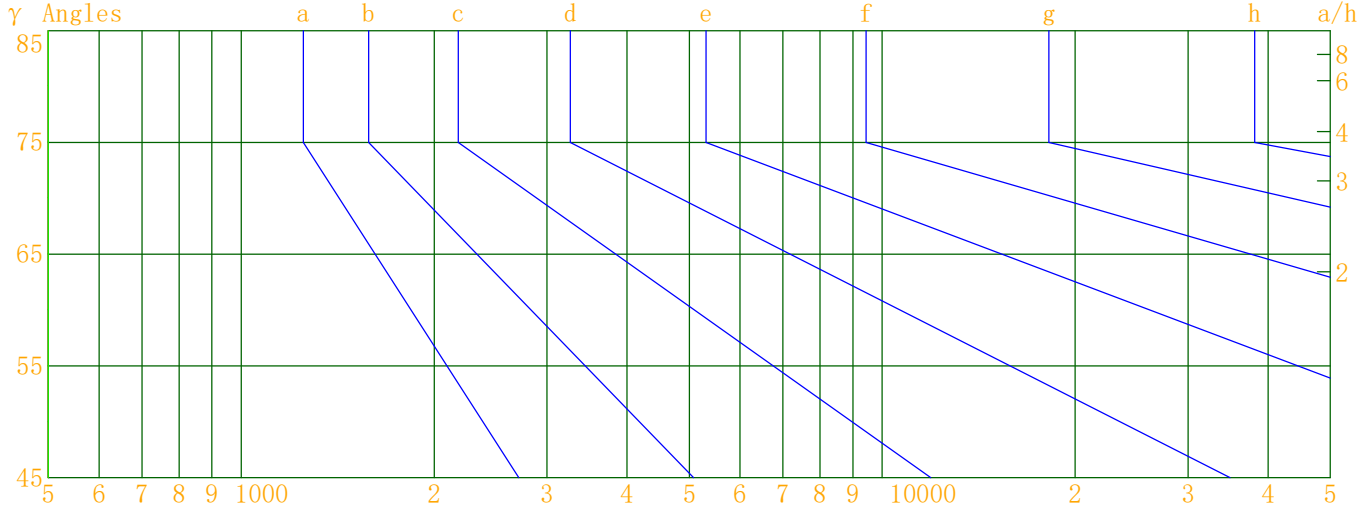
Glare Grade Table

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	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

Luminance Limiting Curve



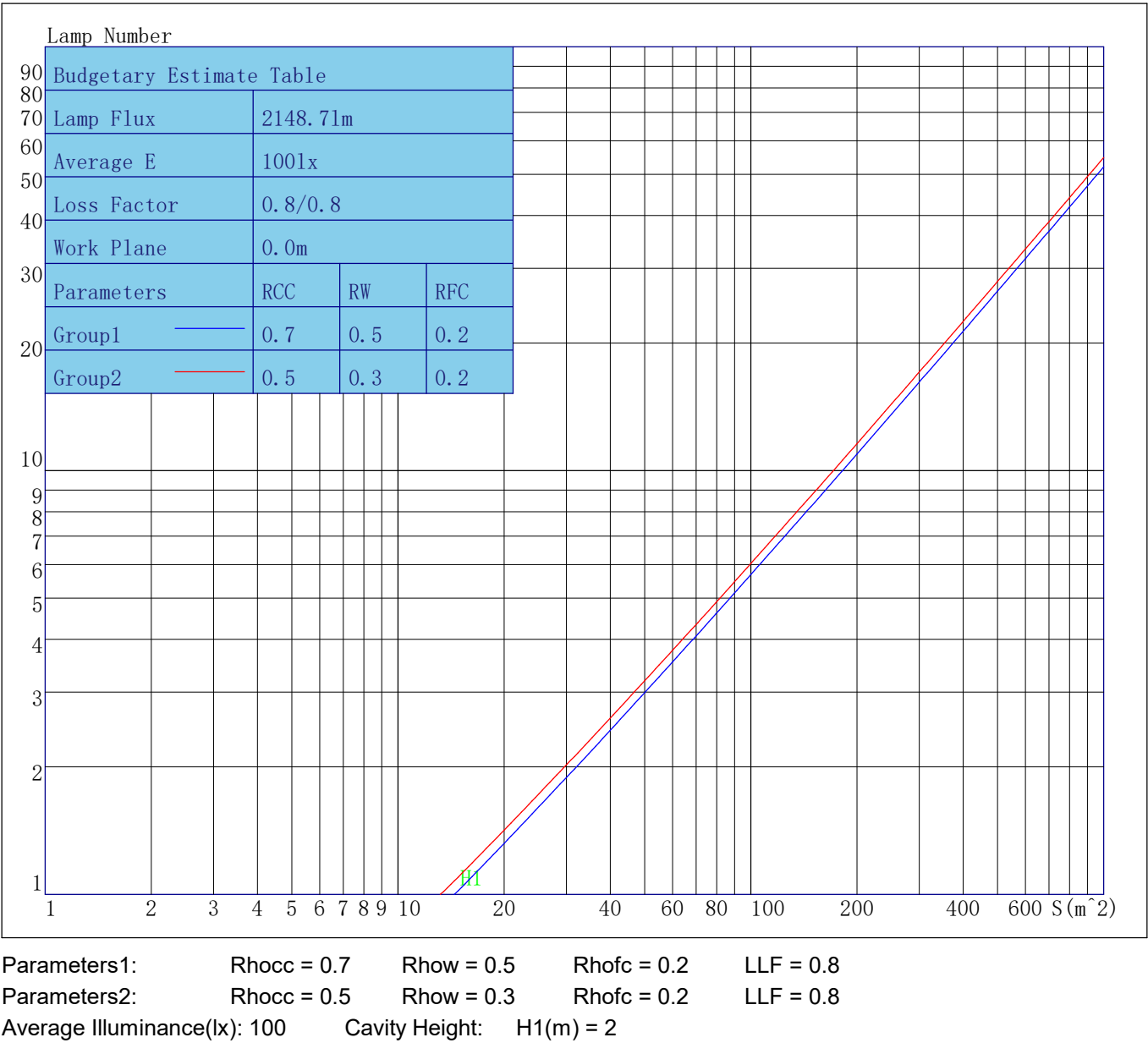
Luminous Size: Length(m)=-0.050 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963

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: 2025/03/22



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: 2025/03/22

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	112	109	107	105	105	104	102	101	100	99	98	97	96	94
2	109	104	101	98	107	103	99	96	99	97	94	97	94	92	94	92	90	89
3	104	98	93	90	102	97	92	89	94	91	88	92	89	86	89	87	85	84
4	99	92	87	83	97	91	86	83	89	85	82	87	84	81	85	82	80	79
5	95	87	82	78	93	86	81	77	84	80	77	83	79	76	81	78	75	74
6	90	82	77	73	89	81	76	72	80	75	72	79	75	71	77	74	71	70
7	86	78	72	68	85	77	72	68	76	71	68	75	70	67	74	70	67	66
8	82	74	68	64	81	73	68	64	72	67	64	71	67	64	70	66	63	62
9	79	70	64	61	78	69	64	61	68	64	60	68	63	60	67	63	60	59
10	75	66	61	57	74	66	61	57	65	60	57	64	60	57	64	60	57	56

Unified Glare Rating Table

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2025/03/22

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	23.7	24.5	24.0	24.9	25.2	20.7	21.6	21.1	21.9	22.2
	23.4	24.2	23.8	24.6	24.9	20.5	21.2	20.9	21.6	22.0
	23.3	24.0	23.7	24.4	24.8	20.4	21.1	20.8	21.4	21.8
	23.2	23.9	23.6	24.2	24.6	20.2	20.9	20.7	21.3	21.7
	23.2	23.8	23.6	24.2	24.6	20.2	20.8	20.6	21.2	21.6
	23.1	23.7	23.5	24.1	24.5	20.1	20.7	20.5	21.1	21.5
X=4H Y=2H	23.3	24.0	23.7	24.4	24.8	20.4	21.1	20.8	21.4	21.8
	23.1	23.7	23.5	24.1	24.5	20.1	20.7	20.5	21.1	21.5
	23.0	23.5	23.4	23.9	24.4	20.0	20.5	20.4	20.9	21.4
	22.8	23.3	23.3	23.7	24.2	19.9	20.3	20.3	20.8	21.2
	22.8	23.2	23.2	23.6	24.1	19.8	20.2	20.3	20.7	21.1
	22.7	23.1	23.2	23.5	24.0	19.7	20.1	20.2	20.6	21.0
X=8H Y=4H	22.8	23.2	23.2	23.6	24.1	19.8	20.2	20.3	20.7	21.1
	22.6	23.0	23.1	23.5	24.0	19.7	20.0	20.2	20.5	21.0
	22.6	22.8	23.1	23.4	23.9	19.6	19.9	20.1	20.4	20.9
	22.5	22.7	23.0	23.2	23.8	19.5	19.8	20.1	20.3	20.9
X=12H Y=4H	22.7	23.1	23.2	23.5	24.0	19.7	20.1	20.2	20.6	21.0
	22.6	22.8	23.1	23.3	23.9	19.6	19.9	20.1	20.3	20.9
	22.5	22.7	23.0	23.2	23.8	19.5	19.8	20.1	20.3	20.9
Variations with the objerver 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	0.0/0.0					0.0/0.0				
Reduced UGR Table:										
Nordic Standard Table:	BKO					BKO				
Correction Value	0.0					0.0				

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

IES Indoor Report
Photometric Filename:UL-25W-COB-2500-FH(N)-60D-3000K.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	2767.31	2767.31	2767.31	2767.31	2767.31	2767.31	2767.31	2767.31	2767.31	2767.31	2767.31	2767.31
γ 1.0	2799.24	2783.85	2763.56	2746.37	2731.74	2722.36	2797.56	2783.30	2767.27	2755.02	2743.29	2733.60
γ 2.0	2794.22	2779.27	2757.01	2737.40	2720.15	2708.60	2795.53	2781.06	2768.28	2756.44	2745.65	2736.28
γ 3.0	2784.85	2771.38	2748.12	2724.54	2705.82	2690.13	2792.63	2778.17	2767.55	2755.07	2744.54	2736.89
γ 4.0	2770.08	2758.50	2732.81	2709.30	2686.73	2673.52	2788.00	2771.45	2763.50	2751.78	2743.64	2736.19
γ 5.0	2757.28	2743.04	2716.43	2693.89	2664.27	2656.47	2777.47	2758.49	2755.73	2745.72	2738.02	2734.94
γ 6.0	2743.04	2727.71	2696.39	2675.74	2642.40	2634.30	2761.62	2743.18	2740.83	2734.56	2731.25	2729.88
γ 7.0	2721.78	2711.49	2674.38	2649.76	2612.65	2605.68	2746.32	2728.14	2724.77	2722.41	2721.23	2720.59
γ 8.0	2696.42	2687.91	2650.86	2620.96	2582.11	2570.68	2731.69	2713.85	2710.24	2705.12	2707.59	2707.39
γ 9.0	2663.66	2659.60	2619.61	2590.66	2545.75	2534.18	2714.62	2695.65	2693.25	2687.07	2694.88	2690.86
γ 10.0	2628.29	2625.25	2582.48	2553.12	2504.98	2497.61	2689.66	2668.10	2671.29	2665.97	2675.94	2672.90
γ 11.0	2592.80	2588.47	2543.77	2510.81	2458.94	2452.65	2660.30	2636.83	2642.92	2640.66	2651.68	2649.72
γ 12.0	2554.21	2550.89	2501.40	2464.32	2412.41	2401.70	2624.41	2601.30	2612.98	2613.70	2624.68	2624.26
γ 13.0	2508.39	2509.71	2454.42	2416.63	2363.30	2349.50	2586.64	2564.15	2577.49	2579.44	2596.92	2592.51
γ 14.0	2457.79	2461.81	2401.83	2364.33	2310.11	2297.35	2550.07	2528.65	2537.87	2541.73	2563.70	2555.89
γ 15.0	2405.45	2409.51	2349.79	2308.87	2255.12	2242.69	2505.70	2485.86	2495.43	2497.91	2522.96	2519.64
γ 16.0	2353.04	2355.87	2295.08	2254.79	2196.74	2188.62	2455.46	2436.98	2449.07	2453.81	2479.18	2476.50
γ 17.0	2303.13	2301.44	2241.14	2199.06	2137.21	2133.75	2402.95	2387.49	2400.54	2404.68	2436.02	2430.63
γ 18.0	2249.34	2246.04	2189.18	2143.44	2082.92	2077.85	2347.22	2333.86	2347.35	2353.40	2385.14	2380.86
γ 19.0	2192.57	2192.27	2135.23	2090.20	2026.95	2024.89	2296.86	2281.06	2297.33	2302.62	2333.89	2329.10
γ 20.0	2140.98	2138.24	2082.19	2035.69	1973.16	1975.04	2243.74	2228.33	2247.03	2247.87	2280.34	2279.47
γ 21.0	2087.81	2086.17	2032.07	1982.69	1918.45	1923.21	2189.19	2175.45	2194.48	2194.95	2226.91	2225.54
γ 22.0	2035.58	2032.45	1979.45	1928.53	1859.18	1865.87	2136.72	2124.51	2142.92	2143.58	2174.89	2174.44
γ 23.0	1978.21	1979.15	1921.08	1865.59	1790.29	1800.13	2086.28	2074.54	2094.51	2091.25	2121.02	2122.85
γ 24.0	1909.45	1914.36	1848.24	1793.13	1707.17	1721.63	2037.25	2027.04	2046.84	2042.81	2069.91	2072.60
γ 25.0	1827.84	1836.77	1768.48	1709.26	1617.13	1631.51	1985.75	1976.55	1996.40	1991.98	2022.22	2024.09
γ 26.0	1737.24	1746.40	1671.85	1615.68	1510.03	1524.76	1928.11	1916.30	1940.52	1934.88	1970.31	1971.19
γ 27.0	1623.45	1641.60	1560.59	1500.65	1394.47	1403.48	1856.97	1842.68	1874.48	1872.82	1911.93	1912.63
γ 28.0	1498.31	1515.98	1434.58	1372.69	1255.55	1267.20	1773.37	1756.31	1793.32	1788.43	1840.18	1844.05
γ 29.0	1344.58	1376.06	1282.49	1229.55	1106.34	1112.16	1675.00	1655.24	1700.74	1698.43	1759.99	1762.63
γ 30.0	1182.97	1215.51	1121.48	1071.13	946.85	956.63	1560.16	1530.61	1585.53	1583.32	1660.10	1669.49
γ 31.0	1006.84	1050.48	949.03	911.98	786.29	794.91	1428.10	1393.36	1456.23	1453.88	1542.52	1548.49
γ 32.0	830.69	879.11	781.93	750.66	634.74	643.18	1274.97	1233.38	1304.48	1309.66	1411.99	1418.65
γ 33.0	666.28	711.55	621.89	599.84	492.20	499.11	1113.07	1067.31	1141.93	1146.48	1254.72	1266.29
γ 34.0	509.81	557.43	475.74	457.05	369.94	369.61	941.15	895.29	968.48	980.25	1093.08	1103.55
γ 35.0	376.31	410.68	348.69	332.05	257.42	259.25	774.31	729.33	797.16	807.30	918.91	932.39
γ 36.0	254.61	290.10	236.04	226.76	168.97	164.43	613.51	573.66	634.53	645.59	749.69	761.64
γ 37.0	161.47	185.32	147.44	140.72	92.17	91.81	466.98	425.58	481.46	491.20	588.82	602.76
γ 38.0	81.81	107.15	72.11	72.89	39.23	36.07	339.86	302.54	352.40	357.54	442.40	451.86
γ 39.0	28.53	44.66	22.71	22.55	0.00	0.00	229.00	196.01	236.45	243.30	317.33	325.46
γ 40.0	0.00	0.71	0.00	0.00	0.00	0.00	140.73	114.38	145.85	148.31	207.38	215.31
γ 41.0	0.00	0.00	0.00	0.00	0.00	0.00	68.04	49.18	70.42	76.05	122.89	128.63
γ 42.0	0.00	0.00	0.00	0.00	0.00	0.00	19.51	5.63	19.14	20.61	52.73	58.93
γ 43.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.83	11.18
γ 44.0	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 45.0	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 46.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES Indoor Report
Photometric Filename:UL-25W-COB-2500-FH(N)-60D-3000K.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	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 48. 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 49. 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 50. 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 51. 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 52. 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 53. 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 54. 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 55. 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 56. 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 57. 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 58. 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 59. 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 60. 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 61. 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 62. 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 63. 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 64. 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 65. 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 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. 00
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

IES Indoor Report
Photometric Filename:UL-25W-COB-2500-FH(N)-60D-3000K.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ 94.0	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 134.0	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 135.0	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 136.0	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 137.0	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 138.0	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 139.0	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 140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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. 00	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. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
γ 147. 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 148. 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 149. 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 150. 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 151. 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 152. 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 153. 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 154. 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 155. 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 156. 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 157. 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 158. 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 159. 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 160. 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 161. 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 162. 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 163. 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 164. 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 165. 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 166. 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 167. 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 168. 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 169. 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 170. 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 171. 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 172. 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 173. 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 174. 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 175. 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 176. 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 177. 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 178. 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 179. 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 180. 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