

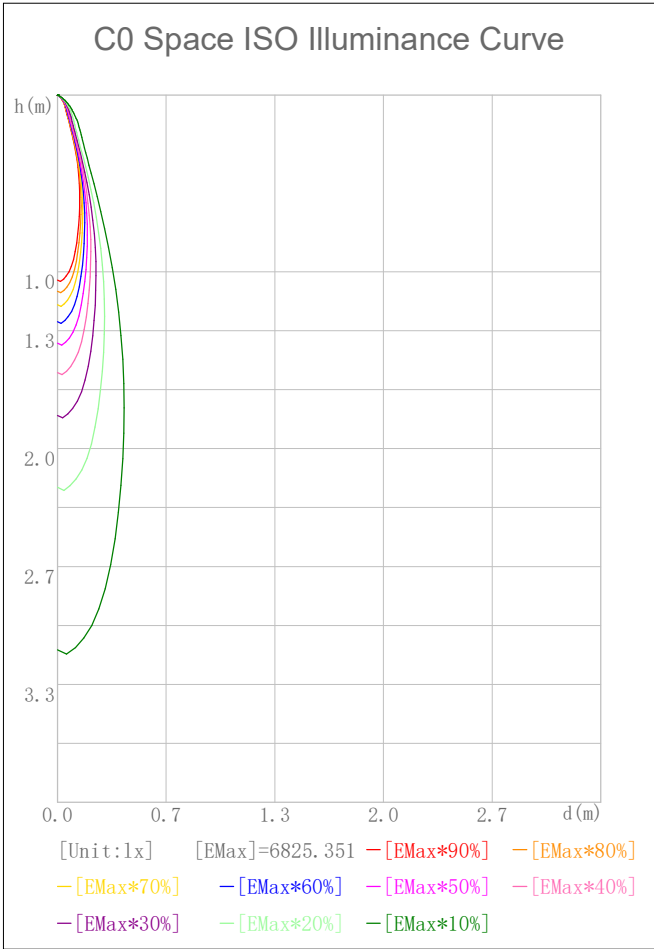
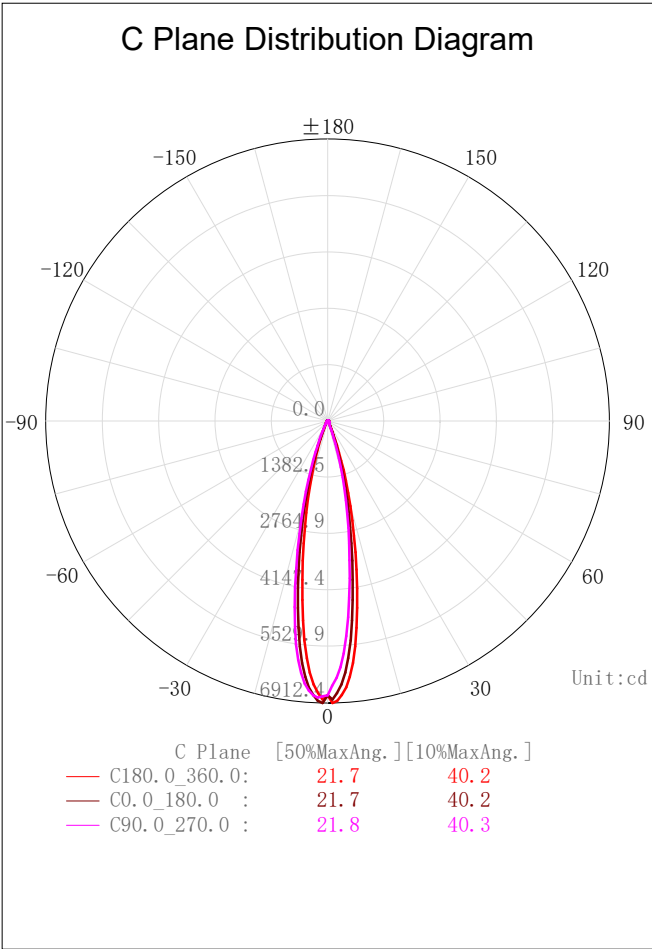
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 55252		Lum. Catelog:	Test ID:
Lamp Name:		Lamp Catelog:	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

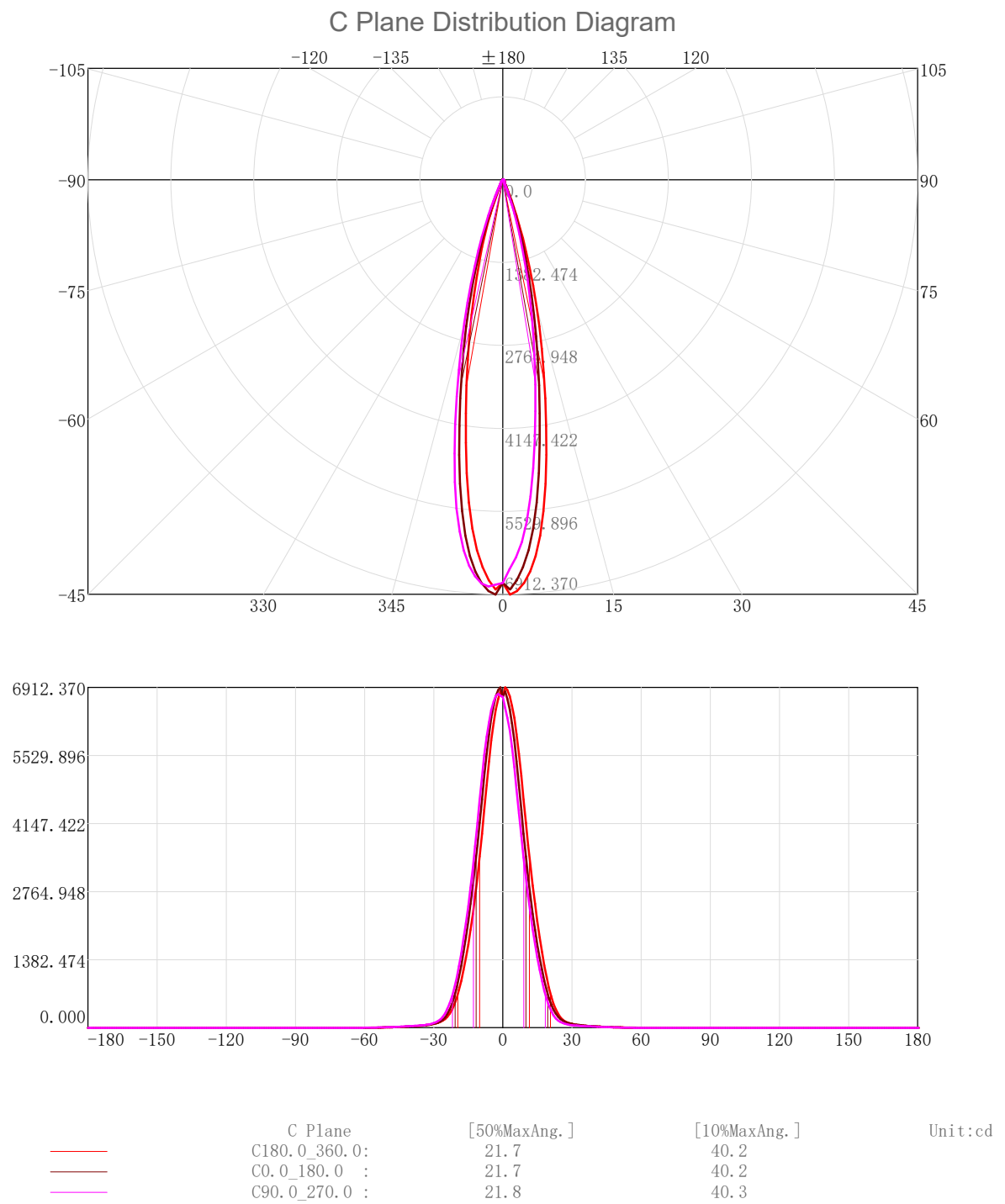
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1207.480	Luminary Flux(lm): 1207.478	Field Angle(10%Imax): 40.2(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1207.478lm 100.00%	
Rated Voltage(V):	Luminary EER(lm/W): 68.142	Up Lumens&Percent: 0.000lm 0.00%	
Tested Power(W): 17.720	Max. Candela(cd): 6912.370	S/MH: C0_a180=0.376 C90_270=0.374	
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):229.9, 0.083, 0.922		ErP Φuse(90°): 1179.047lm	
Lamp Size(W*L*H):0.050m*-0.050m*0.000m		IRF(%): 1098.197	
		Left=-10.1° ,Right=11.6°	



2D Plane Light Intensity Distribution Curve

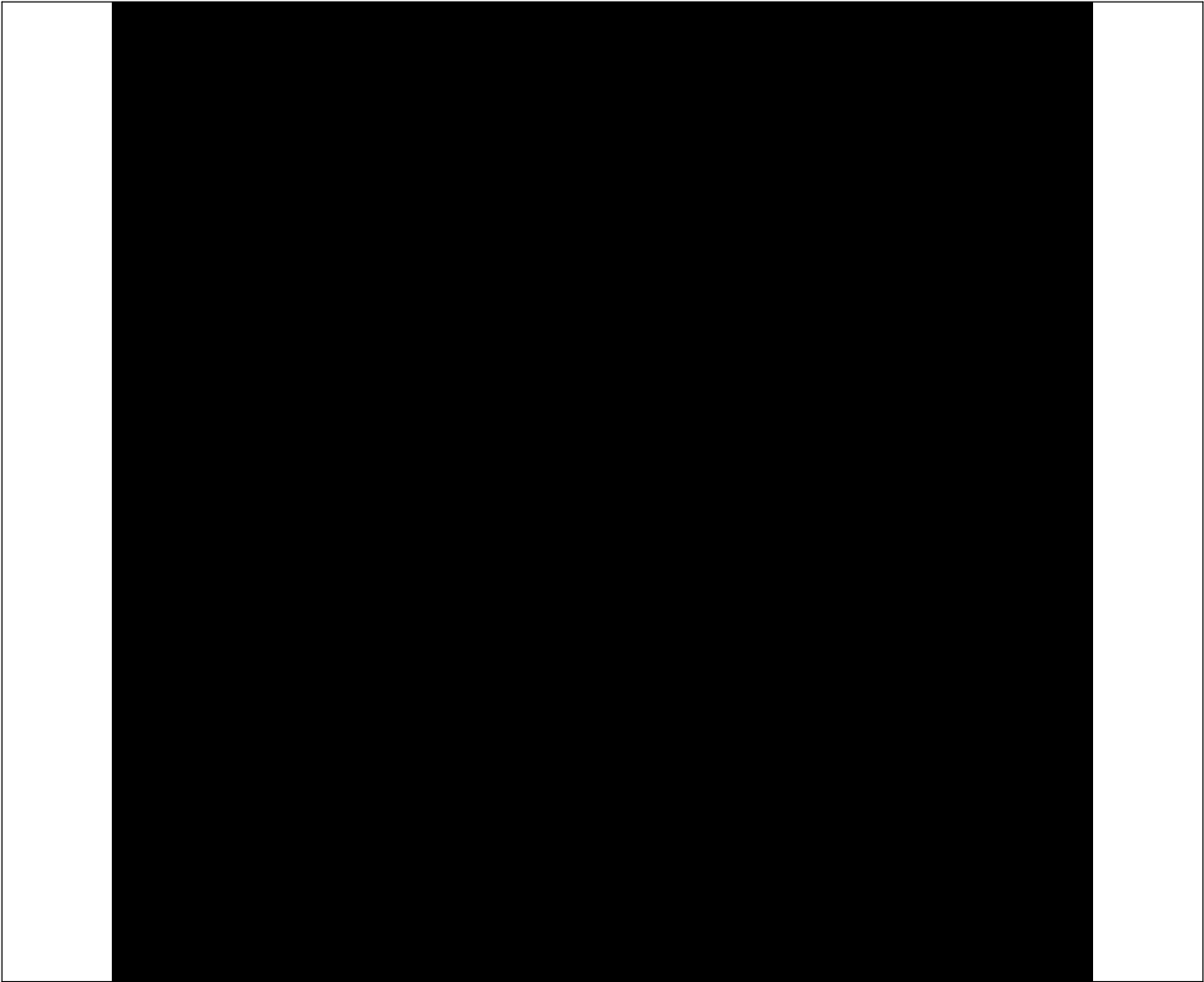
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2025/03/22



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-18W-COB-1800-FH(N)-15D-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	6.40	6.40	0.53	0.53	47.0-48.0	1.19	1199.68	0.10	99.35
1.0-2.0	18.99	25.39	1.57	2.10	48.0-49.0	1.08	1200.76	0.09	99.44
2.0-3.0	31.04	56.43	2.57	4.67	49.0-50.0	0.98	1201.74	0.08	99.53
3.0-4.0	42.16	98.59	3.49	8.16	50.0-51.0	0.89	1202.64	0.07	99.60
4.0-5.0	51.97	150.56	4.30	12.47	51.0-52.0	0.80	1203.44	0.07	99.67
5.0-6.0	60.11	210.66	4.98	17.45	52.0-53.0	0.71	1204.15	0.06	99.72
6.0-7.0	66.34	277.00	5.49	22.94	53.0-54.0	0.63	1204.78	0.05	99.78
7.0-8.0	70.62	347.62	5.85	28.79	54.0-55.0	0.55	1205.33	0.05	99.82
8.0-9.0	73.01	420.63	6.05	34.84	55.0-56.0	0.47	1205.80	0.04	99.86
9.0-10.0	73.60	494.23	6.10	40.93	56.0-57.0	0.40	1206.20	0.03	99.89
10.0-11.0	72.63	566.86	6.02	46.95	57.0-58.0	0.33	1206.52	0.03	99.92
11.0-12.0	70.35	637.21	5.83	52.77	58.0-59.0	0.27	1206.79	0.02	99.94
12.0-13.0	67.01	704.21	5.55	58.32	59.0-60.0	0.21	1207.00	0.02	99.96
13.0-14.0	62.86	767.07	5.21	63.53	60.0-61.0	0.16	1207.16	0.01	99.97
14.0-15.0	58.09	825.16	4.81	68.34	61.0-62.0	0.12	1207.28	0.01	99.98
15.0-16.0	52.85	878.01	4.38	72.71	62.0-63.0	0.08	1207.36	0.01	99.99
16.0-17.0	47.31	925.33	3.92	76.63	63.0-64.0	0.05	1207.41	0.00	99.99
17.0-18.0	41.65	966.98	3.45	80.08	64.0-65.0	0.03	1207.44	0.00	100.00
18.0-19.0	36.03	1003.01	2.98	83.07	65.0-66.0	0.02	1207.46	0.00	100.00
19.0-20.0	30.65	1033.66	2.54	85.60	66.0-67.0	0.01	1207.47	0.00	100.00
20.0-21.0	25.64	1059.30	2.12	87.73	67.0-68.0	0.01	1207.48	0.00	100.00
21.0-22.0	21.12	1080.41	1.75	89.48	68.0-69.0	0.00	1207.48	0.00	100.00
22.0-23.0	17.19	1097.61	1.42	90.90	69.0-70.0	0.00	1207.48	0.00	100.00
23.0-24.0	13.91	1111.52	1.15	92.05	70.0-71.0	0.00	1207.48	0.00	100.00
24.0-25.0	11.23	1122.75	0.93	92.98	71.0-72.0	0.00	1207.48	0.00	100.00
25.0-26.0	9.12	1131.87	0.76	93.74	72.0-73.0	0.00	1207.48	0.00	100.00
26.0-27.0	7.51	1139.37	0.62	94.36	73.0-74.0	0.00	1207.48	0.00	100.00
27.0-28.0	6.31	1145.68	0.52	94.88	74.0-75.0	0.00	1207.48	0.00	100.00
28.0-29.0	5.42	1151.10	0.45	95.33	75.0-76.0	0.00	1207.48	0.00	100.00
29.0-30.0	4.76	1155.87	0.39	95.73	76.0-77.0	0.00	1207.48	0.00	100.00
30.0-31.0	4.25	1160.12	0.35	96.08	77.0-78.0	0.00	1207.48	0.00	100.00
31.0-32.0	3.85	1163.97	0.32	96.40	78.0-79.0	0.00	1207.48	0.00	100.00
32.0-33.0	3.54	1167.50	0.29	96.69	79.0-80.0	0.00	1207.48	0.00	100.00
33.0-34.0	3.28	1170.78	0.27	96.96	80.0-81.0	0.00	1207.48	0.00	100.00
34.0-35.0	3.07	1173.85	0.25	97.21	81.0-82.0	0.00	1207.48	0.00	100.00
35.0-36.0	2.88	1176.73	0.24	97.45	82.0-83.0	0.00	1207.48	0.00	100.00
36.0-37.0	2.71	1179.44	0.22	97.68	83.0-84.0	0.00	1207.48	0.00	100.00
37.0-38.0	2.55	1181.99	0.21	97.89	84.0-85.0	0.00	1207.48	0.00	100.00
38.0-39.0	2.40	1184.39	0.20	98.09	85.0-86.0	0.00	1207.48	0.00	100.00
39.0-40.0	2.25	1186.64	0.19	98.27	86.0-87.0	0.00	1207.48	0.00	100.00
40.0-41.0	2.11	1188.75	0.17	98.45	87.0-88.0	0.00	1207.48	0.00	100.00
41.0-42.0	1.96	1190.71	0.16	98.61	88.0-89.0	0.00	1207.48	0.00	100.00
42.0-43.0	1.82	1192.53	0.15	98.76	89.0-90.0	0.00	1207.48	0.00	100.00
43.0-44.0	1.68	1194.21	0.14	98.90	90.0-91.0	0.00	1207.48	0.00	100.00
44.0-45.0	1.55	1195.76	0.13	99.03	91.0-92.0	0.00	1207.48	0.00	100.00
45.0-46.0	1.43	1197.19	0.12	99.15	92.0-93.0	0.00	1207.48	0.00	100.00
46.0-47.0	1.30	1198.49	0.11	99.26	93.0-94.0	0.00	1207.48	0.00	100.00

IES Indoor Report

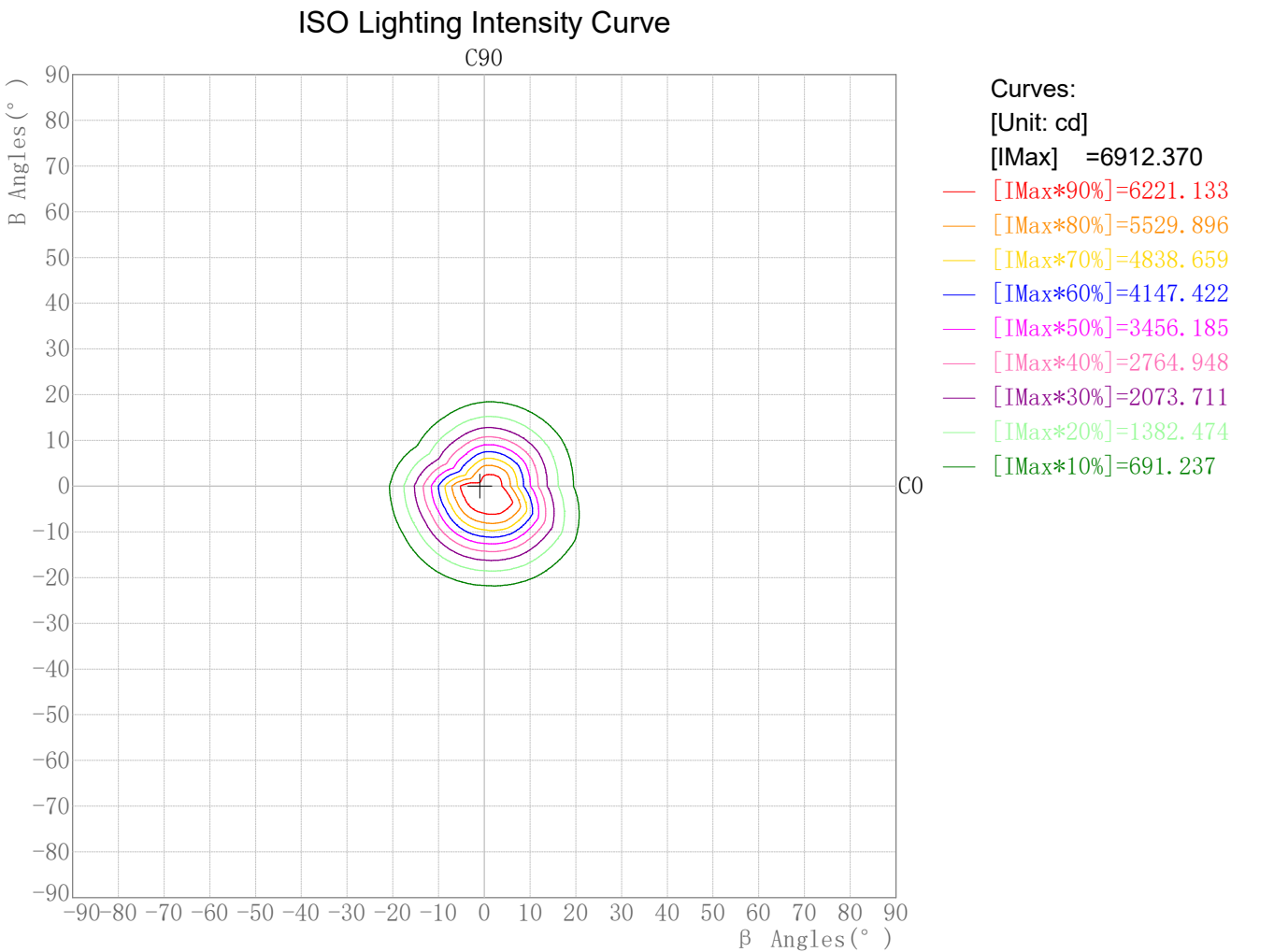
Photometric Filename:UL-18W-COB-1800-FH(N)-15D-3000K.IES

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	1207.48	0.00	100.00	141.0-142.0	0.00	1207.48	0.00	100.00
95.0-96.0	0.00	1207.48	0.00	100.00	142.0-143.0	0.00	1207.48	0.00	100.00
96.0-97.0	0.00	1207.48	0.00	100.00	143.0-144.0	0.00	1207.48	0.00	100.00
97.0-98.0	0.00	1207.48	0.00	100.00	144.0-145.0	0.00	1207.48	0.00	100.00
98.0-99.0	0.00	1207.48	0.00	100.00	145.0-146.0	0.00	1207.48	0.00	100.00
99.0-100.0	0.00	1207.48	0.00	100.00	146.0-147.0	0.00	1207.48	0.00	100.00
100.0-101.0	0.00	1207.48	0.00	100.00	147.0-148.0	0.00	1207.48	0.00	100.00
101.0-102.0	0.00	1207.48	0.00	100.00	148.0-149.0	0.00	1207.48	0.00	100.00
102.0-103.0	0.00	1207.48	0.00	100.00	149.0-150.0	0.00	1207.48	0.00	100.00
103.0-104.0	0.00	1207.48	0.00	100.00	150.0-151.0	0.00	1207.48	0.00	100.00
104.0-105.0	0.00	1207.48	0.00	100.00	151.0-152.0	0.00	1207.48	0.00	100.00
105.0-106.0	0.00	1207.48	0.00	100.00	152.0-153.0	0.00	1207.48	0.00	100.00
106.0-107.0	0.00	1207.48	0.00	100.00	153.0-154.0	0.00	1207.48	0.00	100.00
107.0-108.0	0.00	1207.48	0.00	100.00	154.0-155.0	0.00	1207.48	0.00	100.00
108.0-109.0	0.00	1207.48	0.00	100.00	155.0-156.0	0.00	1207.48	0.00	100.00
109.0-110.0	0.00	1207.48	0.00	100.00	156.0-157.0	0.00	1207.48	0.00	100.00
110.0-111.0	0.00	1207.48	0.00	100.00	157.0-158.0	0.00	1207.48	0.00	100.00
111.0-112.0	0.00	1207.48	0.00	100.00	158.0-159.0	0.00	1207.48	0.00	100.00
112.0-113.0	0.00	1207.48	0.00	100.00	159.0-160.0	0.00	1207.48	0.00	100.00
113.0-114.0	0.00	1207.48	0.00	100.00	160.0-161.0	0.00	1207.48	0.00	100.00
114.0-115.0	0.00	1207.48	0.00	100.00	161.0-162.0	0.00	1207.48	0.00	100.00
115.0-116.0	0.00	1207.48	0.00	100.00	162.0-163.0	0.00	1207.48	0.00	100.00
116.0-117.0	0.00	1207.48	0.00	100.00	163.0-164.0	0.00	1207.48	0.00	100.00
117.0-118.0	0.00	1207.48	0.00	100.00	164.0-165.0	0.00	1207.48	0.00	100.00
118.0-119.0	0.00	1207.48	0.00	100.00	165.0-166.0	0.00	1207.48	0.00	100.00
119.0-120.0	0.00	1207.48	0.00	100.00	166.0-167.0	0.00	1207.48	0.00	100.00
120.0-121.0	0.00	1207.48	0.00	100.00	167.0-168.0	0.00	1207.48	0.00	100.00
121.0-122.0	0.00	1207.48	0.00	100.00	168.0-169.0	0.00	1207.48	0.00	100.00
122.0-123.0	0.00	1207.48	0.00	100.00	169.0-170.0	0.00	1207.48	0.00	100.00
123.0-124.0	0.00	1207.48	0.00	100.00	170.0-171.0	0.00	1207.48	0.00	100.00
124.0-125.0	0.00	1207.48	0.00	100.00	171.0-172.0	0.00	1207.48	0.00	100.00
125.0-126.0	0.00	1207.48	0.00	100.00	172.0-173.0	0.00	1207.48	0.00	100.00
126.0-127.0	0.00	1207.48	0.00	100.00	173.0-174.0	0.00	1207.48	0.00	100.00
127.0-128.0	0.00	1207.48	0.00	100.00	174.0-175.0	0.00	1207.48	0.00	100.00
128.0-129.0	0.00	1207.48	0.00	100.00	175.0-176.0	0.00	1207.48	0.00	100.00
129.0-130.0	0.00	1207.48	0.00	100.00	176.0-177.0	0.00	1207.48	0.00	100.00
130.0-131.0	0.00	1207.48	0.00	100.00	177.0-178.0	0.00	1207.48	0.00	100.00
131.0-132.0	0.00	1207.48	0.00	100.00	178.0-179.0	0.00	1207.48	0.00	100.00
132.0-133.0	0.00	1207.48	0.00	100.00	179.0-180.0	0.00	1207.48	0.00	100.00
133.0-134.0	0.00	1207.48	0.00	100.00					
134.0-135.0	0.00	1207.48	0.00	100.00					
135.0-136.0	0.00	1207.48	0.00	100.00					
136.0-137.0	0.00	1207.48	0.00	100.00					
137.0-138.0	0.00	1207.48	0.00	100.00					
138.0-139.0	0.00	1207.48	0.00	100.00					
139.0-140.0	0.00	1207.48	0.00	100.00					
140.0-141.0	0.00	1207.48	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

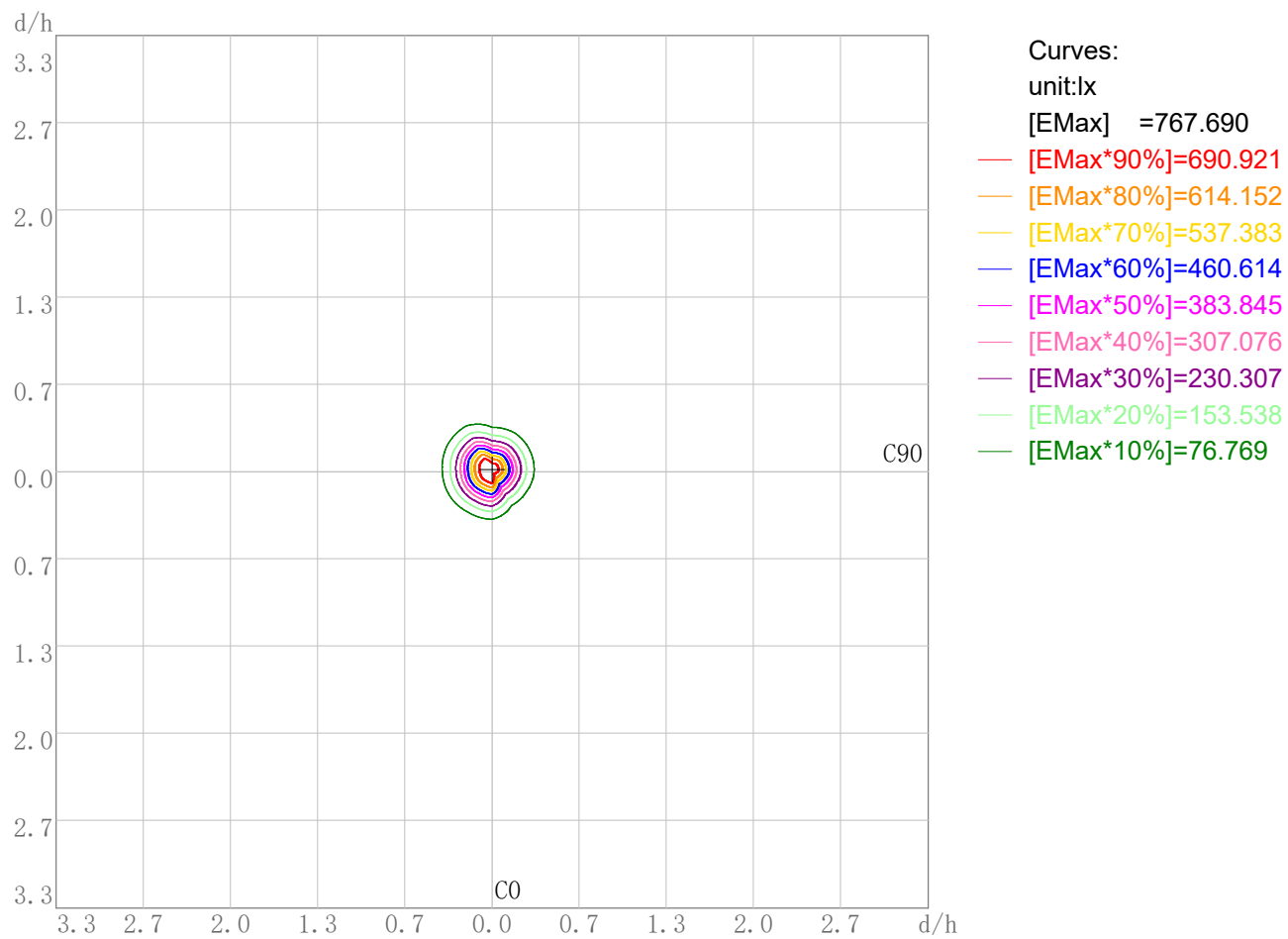


Maximum Light Intensity(cd): 6912.37
Maximum Cand.@Angle: H=-1.0°,V=0.0°

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

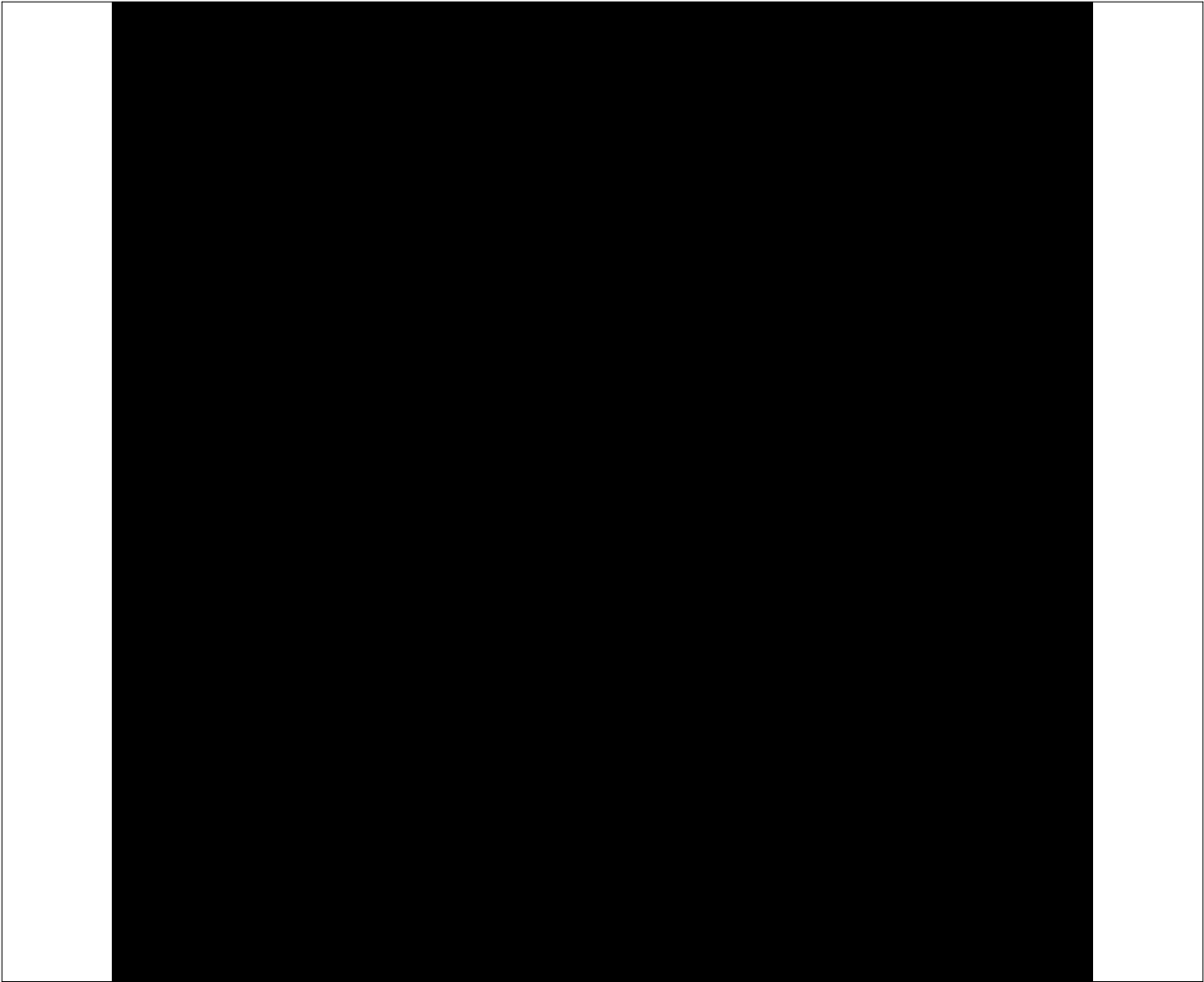


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 767.69
Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

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



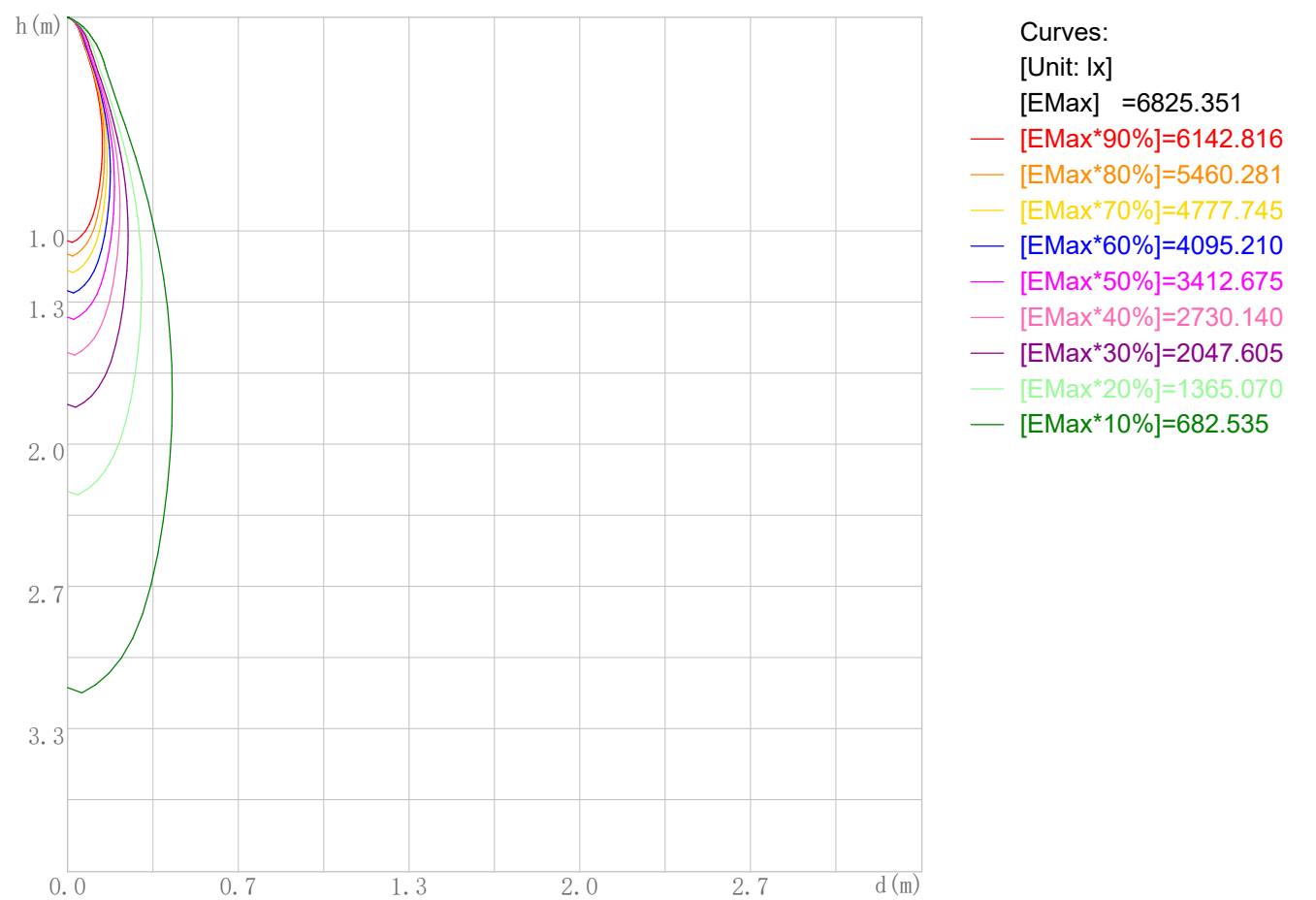
Curves: 3D Model— 90%— 80%— 70%— 60%— 50%— 40%— 30%— 20%— 10%—

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

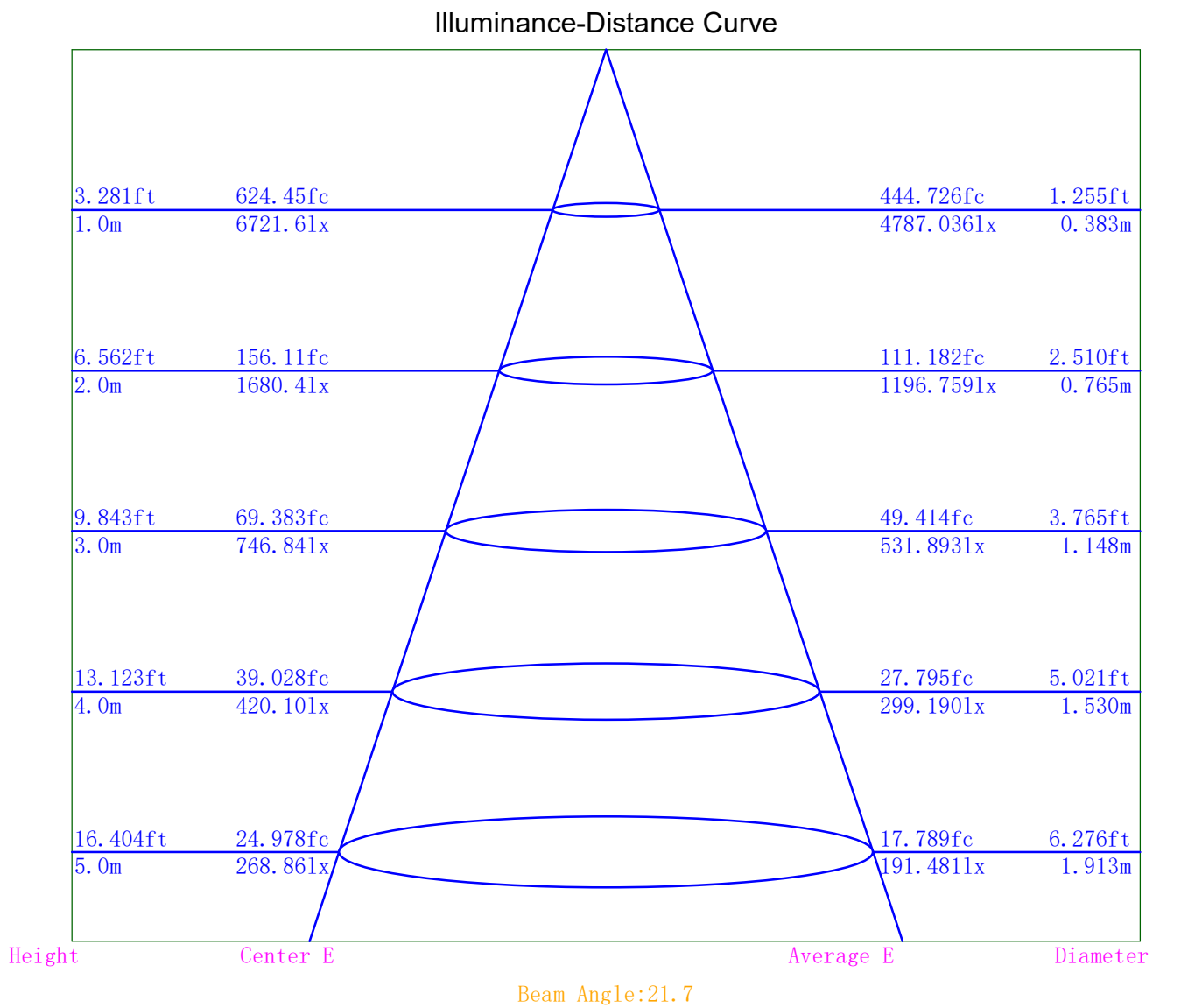
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:6825.35lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:6828.470cd,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

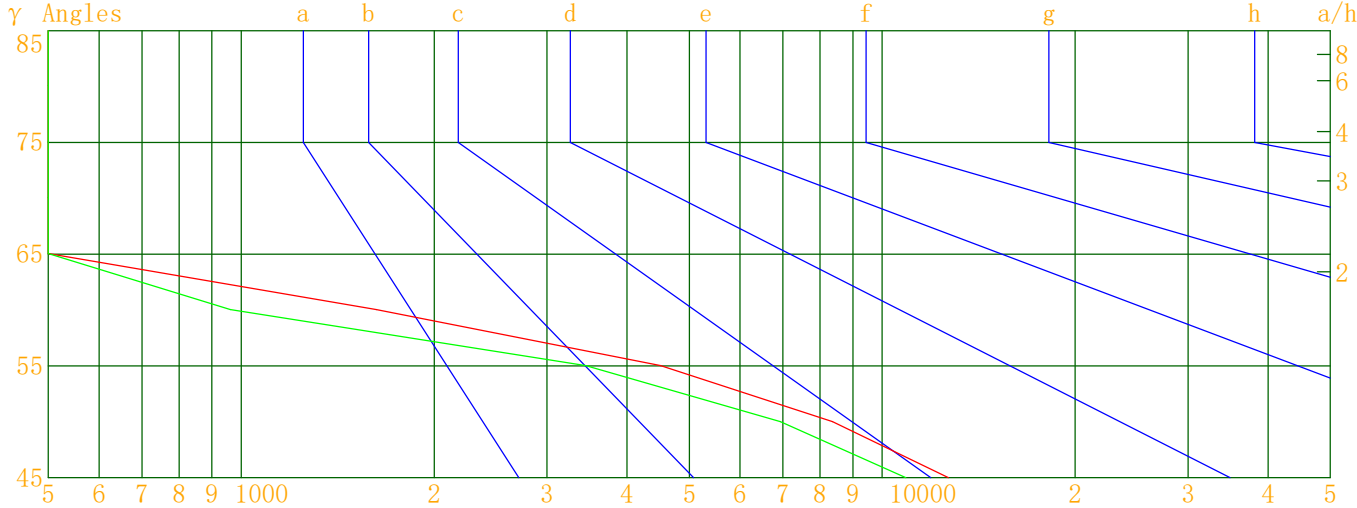
Glare Grade Table

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	12680	8369	4512	1625	0	0	0	0	0
C90	10879	6932	3449	962	0	0	0	0	0

Luminance Limiting Curve



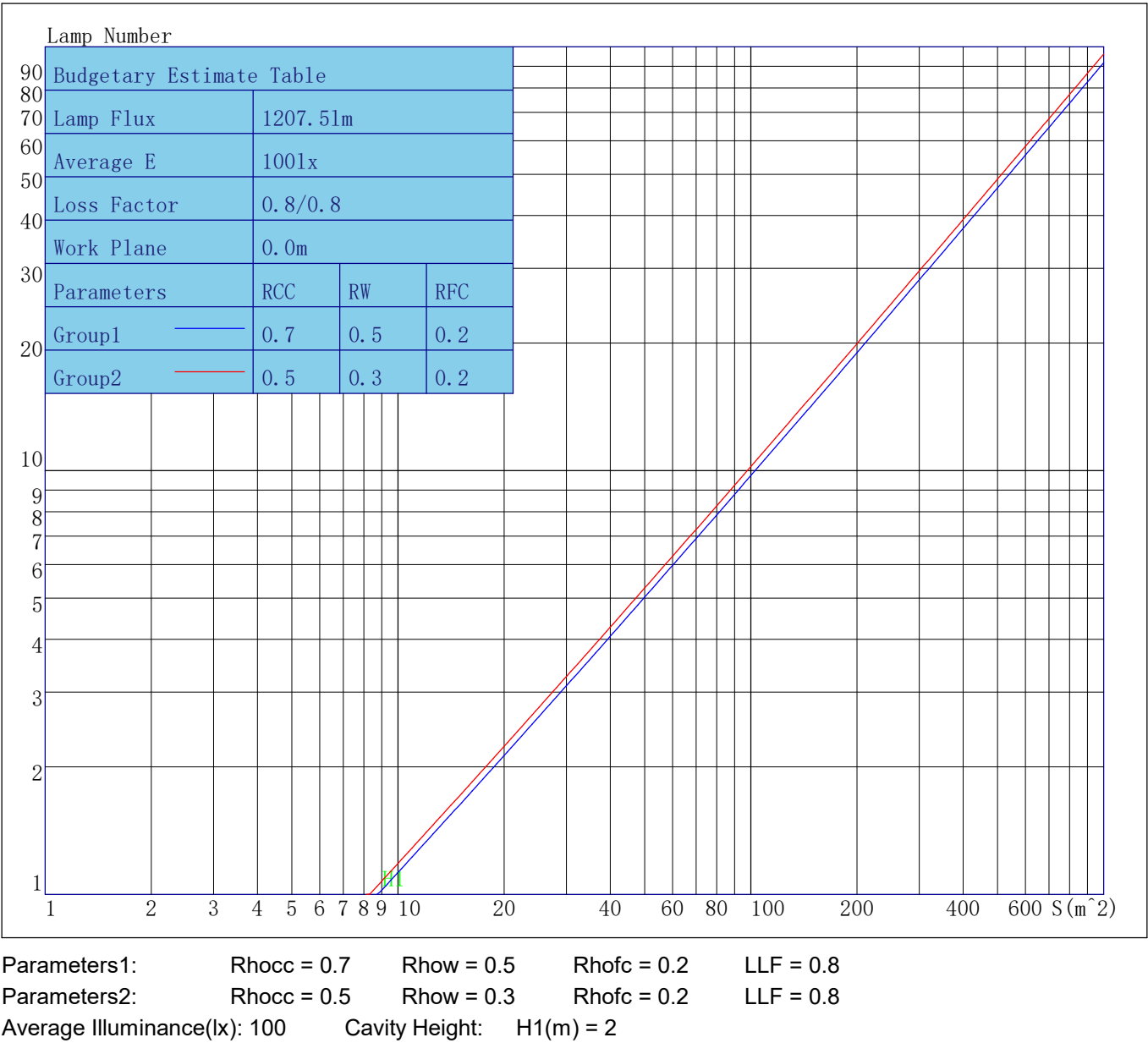
Luminous Size: Length(m)=-0.050 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963

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	115	113	111	110	113	111	109	108	107	106	105	103	102	102	100	99	99	97
2	112	108	105	103	110	107	104	102	103	101	100	101	99	98	98	97	96	94
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	91
4	105	100	96	94	104	99	96	93	97	94	92	95	93	91	94	92	90	89
5	102	97	93	90	101	96	92	90	94	91	89	93	90	88	92	89	88	87
6	100	94	90	87	99	93	90	87	92	89	86	91	88	86	90	87	85	84
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	82
8	95	89	85	82	94	88	85	82	87	84	82	86	84	81	86	83	81	80
9	93	86	83	80	92	86	82	80	85	82	80	85	82	79	84	81	79	78
10	90	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	77

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	11.1	12.0	11.5	12.3	12.7	8.5	9.4	8.8	9.7	10.0
	Y=3H	10.9	11.7	11.3	12.1	12.4	8.2	9.1	8.6	9.4	9.8
	Y=4H	10.8	11.5	11.2	11.9	12.3	8.1	8.9	8.5	9.2	9.6
	Y=6H	10.7	11.4	11.1	11.7	12.1	8.0	8.7	8.4	9.1	9.5
	Y=8H	10.6	11.3	11.0	11.7	12.1	8.0	8.6	8.4	9.0	9.4
	Y=12H	10.5	11.2	11.0	11.6	12.0	7.9	8.5	8.3	8.9	9.3
X=4H	Y=2H	10.9	11.6	11.3	12.0	12.4	8.2	8.9	8.6	9.3	9.7
	Y=3H	10.6	11.3	11.1	11.7	12.1	7.9	8.6	8.4	9.0	9.4
	Y=4H	10.5	11.1	11.0	11.5	11.9	7.8	8.4	8.2	8.8	9.2
	Y=6H	10.4	10.9	10.9	11.3	11.8	7.7	8.2	8.2	8.6	9.1
	Y=8H	10.3	10.8	10.8	11.2	11.7	7.6	8.1	8.1	8.5	9.0
	Y=12H	10.2	10.6	10.7	11.1	11.6	7.5	7.9	8.0	8.4	8.9
X=8H	Y=4H	10.3	10.8	10.8	11.2	11.7	7.6	8.1	8.1	8.5	9.0
	Y=6H	10.2	10.5	10.7	11.0	11.6	7.5	7.8	8.0	8.3	8.9
	Y=8H	10.1	10.4	10.6	11.0	11.4	7.4	7.7	7.9	8.2	8.7
	Y=12H	10.1	10.3	10.6	10.8	11.4	7.3	7.6	7.9	8.1	8.7
X=12H	Y=4H	10.2	10.6	10.7	11.1	11.6	7.5	7.9	8.0	8.4	8.9
	Y=6H	10.1	10.4	10.6	10.9	11.5	7.4	7.7	7.9	8.2	8.7
	Y=8H	10.1	10.3	10.6	10.8	11.4	7.3	7.6	7.9	8.1	8.7
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		10.3/0.0					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.

IES Indoor Report
Photometric Filename:UL-18W-COB-1800-FH(N)-15D-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	6721.58	6721.58	6721.58	6721.58	6721.58	6721.58	6721.58	6721.58	6721.58	6721.58	6721.58	6721.58
γ 1.0	6828.47	6780.07	6621.00	6489.63	6299.43	6250.68	6912.37	6868.86	6804.24	6745.25	6663.24	6650.13
γ 2.0	6676.56	6634.98	6434.05	6295.60	6043.76	5971.00	6859.99	6807.91	6798.89	6779.74	6758.38	6763.47
γ 3.0	6465.07	6430.90	6196.31	6043.93	5712.22	5616.55	6729.43	6676.45	6721.06	6735.45	6785.73	6795.79
γ 4.0	6186.08	6172.90	5904.98	5708.55	5309.97	5193.49	6541.90	6484.93	6581.36	6624.14	6747.06	6774.52
γ 5.0	5833.42	5836.85	5532.12	5294.03	4851.37	4722.88	6293.63	6225.23	6376.53	6455.53	6631.32	6687.32
γ 6.0	5408.61	5431.19	5084.33	4837.23	4372.54	4250.60	5963.01	5890.57	6092.00	6208.96	6442.94	6523.04
γ 7.0	4924.20	4968.93	4609.61	4362.85	3903.20	3794.54	5563.55	5487.87	5741.38	5906.51	6189.03	6291.09
γ 8.0	4426.92	4486.91	4133.61	3895.79	3472.94	3376.54	5115.85	5034.30	5323.54	5532.64	5881.52	5992.94
γ 9.0	3941.91	4006.08	3670.67	3457.12	3072.92	2986.22	4639.63	4556.52	4867.52	5097.96	5505.50	5624.02
γ 10.0	3479.40	3547.07	3239.37	3048.76	2697.59	2616.05	4165.52	4079.37	4397.28	4633.51	5069.11	5196.98
γ 11.0	3055.78	3122.85	2845.12	2672.00	2342.88	2265.37	3712.55	3630.60	3925.91	4159.27	4600.67	4723.97
γ 12.0	2668.08	2734.59	2483.36	2324.55	2011.67	1934.36	3287.60	3213.71	3480.31	3689.51	4109.83	4228.77
γ 13.0	2310.95	2376.30	2153.73	2000.05	1702.69	1628.90	2893.23	2817.26	3062.00	3248.95	3638.86	3755.32
γ 14.0	1989.30	2048.20	1847.97	1701.16	1428.79	1354.77	2520.63	2439.33	2672.87	2846.83	3192.18	3301.02
γ 15.0	1689.66	1746.83	1563.96	1429.14	1179.55	1109.52	2167.24	2090.60	2306.87	2471.77	2786.62	2888.80
γ 16.0	1419.48	1472.39	1304.79	1179.38	955.12	889.09	1836.43	1769.70	1972.44	2126.51	2413.12	2514.58
γ 17.0	1174.81	1222.91	1069.71	953.11	754.94	698.11	1536.83	1481.07	1664.16	1806.26	2077.42	2167.06
γ 18.0	957.41	999.44	860.96	756.34	585.90	540.79	1269.02	1219.53	1387.44	1512.28	1764.99	1851.29
γ 19.0	768.44	802.05	680.88	591.55	447.53	412.74	1030.32	985.94	1141.84	1249.17	1477.93	1560.23
γ 20.0	609.16	637.22	530.59	455.11	337.60	311.64	819.52	781.17	924.37	1017.06	1223.79	1297.59
γ 21.0	477.64	499.84	406.76	343.45	253.69	232.79	640.36	610.12	733.84	815.69	1000.55	1062.71
γ 22.0	371.26	385.89	308.12	256.13	190.62	175.56	494.00	471.49	572.67	643.61	805.33	858.99
γ 23.0	288.62	295.42	233.53	191.41	146.33	137.22	375.97	358.92	440.82	504.14	639.72	687.44
γ 24.0	225.97	227.51	179.18	147.20	116.67	111.94	283.35	271.39	335.28	389.17	502.53	543.77
γ 25.0	179.66	179.43	140.47	117.65	96.93	94.22	215.07	203.66	254.76	297.41	389.77	424.84
γ 26.0	147.28	146.11	114.09	97.20	82.93	80.60	165.47	156.76	194.63	226.74	302.24	328.39
γ 27.0	123.27	121.29	95.24	82.06	71.96	69.95	131.45	126.45	151.22	175.89	236.11	254.46
γ 28.0	105.28	102.53	81.09	70.49	63.13	61.58	108.26	105.37	122.01	141.57	187.59	200.62
γ 29.0	91.07	87.86	70.37	61.63	56.47	55.02	92.02	89.23	101.21	117.15	152.86	163.16
γ 30.0	79.81	76.67	62.37	55.15	51.00	49.78	79.30	76.48	86.12	98.19	127.56	136.00
γ 31.0	71.14	67.83	56.54	50.49	46.61	45.29	69.22	66.58	74.43	83.45	108.39	115.00
γ 32.0	64.12	61.05	52.09	46.84	42.60	41.23	61.29	59.04	65.50	72.08	93.67	98.59
γ 33.0	58.14	55.51	48.42	43.66	39.26	37.85	55.31	53.40	58.98	63.38	82.04	85.88
γ 34.0	52.81	50.72	45.04	40.74	35.95	34.57	50.25	48.81	54.18	56.87	72.80	75.98
γ 35.0	48.09	46.55	41.89	37.89	33.05	31.74	46.11	44.95	50.35	51.94	65.61	67.83
γ 36.0	43.91	42.64	38.79	35.09	30.46	29.27	42.43	41.57	46.98	47.95	59.30	61.13
γ 37.0	40.19	39.18	35.79	32.61	28.07	27.03	38.97	38.40	43.86	44.44	53.96	55.30
γ 38.0	36.68	35.90	32.95	30.25	25.93	24.85	35.78	35.44	40.76	41.39	49.12	50.06
γ 39.0	33.46	32.79	30.37	27.99	23.92	22.96	32.96	32.78	37.74	38.49	44.86	45.58
γ 40.0	30.54	30.10	27.81	25.54	22.04	20.96	30.28	30.26	34.95	35.69	41.03	41.62
γ 41.0	27.73	27.45	25.07	22.97	19.83	18.87	27.90	27.98	32.32	33.15	37.79	38.15
γ 42.0	24.89	24.72	22.29	20.42	17.78	16.78	25.50	25.76	29.83	30.73	34.78	34.97
γ 43.0	21.95	21.89	19.70	18.30	16.25	15.19	23.23	23.70	27.49	28.53	31.85	32.10
γ 44.0	19.49	19.47	17.83	16.69	14.67	13.57	20.97	21.58	25.04	26.21	29.30	29.49
γ 45.0	17.60	17.65	16.13	15.10	13.27	12.36	18.73	19.21	22.72	23.87	26.90	26.89
γ 46.0	15.82	15.97	14.59	13.80	12.02	11.09	16.56	17.11	20.25	21.41	24.38	24.25

IES Indoor Report
Photometric Filename:UL-18W-COB-1800-FH(N)-15D-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	14. 35	14. 47	13. 26	12. 54	10. 77	9. 91	14. 94	15. 41	17. 97	19. 01	21. 70	21. 54
γ 48. 0	13. 04	13. 17	11. 97	11. 24	9. 52	8. 63	13. 43	13. 99	16. 34	17. 18	19. 22	19. 18
γ 49. 0	11. 76	11. 75	10. 62	9. 88	8. 20	7. 41	12. 27	12. 69	14. 71	15. 57	17. 31	17. 37
γ 50. 0	10. 56	10. 48	9. 32	8. 75	7. 06	6. 28	10. 92	11. 49	13. 35	14. 15	15. 72	15. 78
γ 51. 0	9. 22	9. 23	8. 16	7. 62	6. 01	5. 20	9. 73	10. 25	12. 12	12. 85	14. 29	14. 39
γ 52. 0	8. 07	8. 03	7. 07	6. 50	5. 06	4. 36	8. 47	9. 01	10. 86	11. 68	12. 98	13. 09
γ 53. 0	6. 97	6. 86	6. 07	5. 49	4. 22	3. 41	7. 30	7. 89	9. 65	10. 45	11. 77	11. 93
γ 54. 0	5. 94	5. 80	5. 16	4. 66	3. 44	2. 66	6. 19	6. 77	8. 40	9. 26	10. 48	10. 63
γ 55. 0	5. 08	4. 85	4. 41	3. 88	2. 66	2. 01	5. 26	5. 69	7. 32	8. 08	9. 16	9. 45
γ 56. 0	4. 27	4. 05	3. 68	3. 19	1. 95	1. 30	4. 32	4. 82	6. 22	6. 92	7. 91	8. 21
γ 57. 0	3. 54	3. 46	2. 98	2. 46	1. 35	0. 81	3. 47	3. 94	5. 24	5. 85	6. 98	7. 07
γ 58. 0	2. 75	2. 83	2. 34	1. 88	0. 76	0. 14	2. 70	3. 16	4. 36	4. 89	5. 98	6. 09
γ 59. 0	2. 22	2. 13	1. 71	1. 36	0. 21	0. 00	2. 04	2. 46	3. 72	4. 11	5. 08	5. 17
γ 60. 0	1. 60	1. 56	1. 19	0. 94	0. 00	0. 00	1. 33	1. 85	2. 96	3. 38	4. 27	4. 37
γ 61. 0	1. 03	1. 03	0. 66	0. 55	0. 00	0. 00	0. 76	1. 43	2. 18	2. 64	3. 45	3. 60
γ 62. 0	0. 57	0. 53	0. 25	0. 21	0. 00	0. 00	0. 23	0. 87	1. 58	2. 01	2. 74	2. 94
γ 63. 0	0. 23	0. 16	0. 00	0. 00	0. 00	0. 00	0. 00	0. 43	0. 87	1. 33	2. 13	2. 51
γ 64. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 10	0. 33	0. 75	1. 51	2. 14
γ 65. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 31	0. 85	1. 67
γ 66. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 48	1. 21
γ 67. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 03	0. 85
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. 33
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

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