

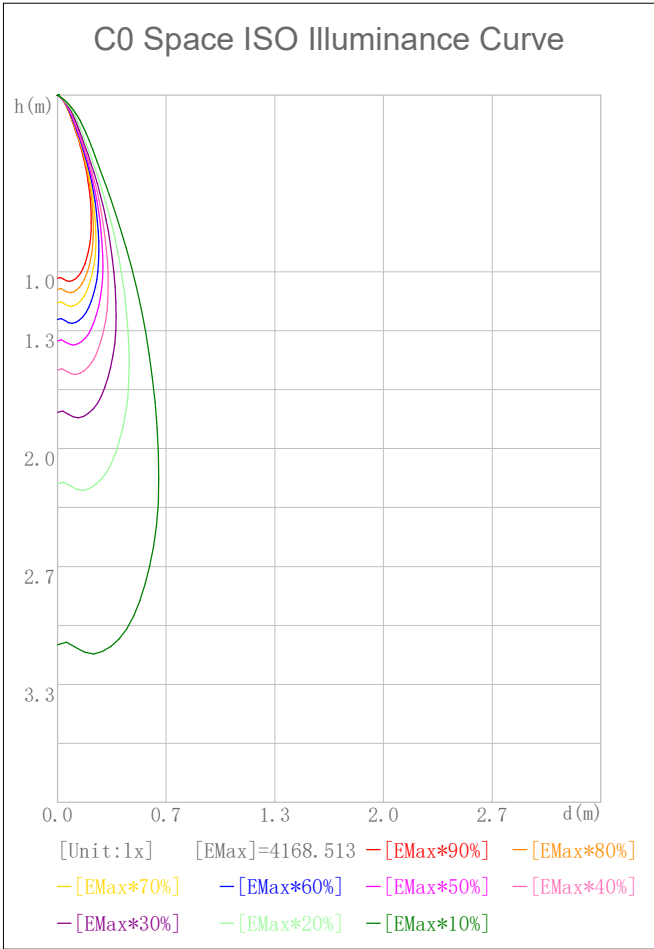
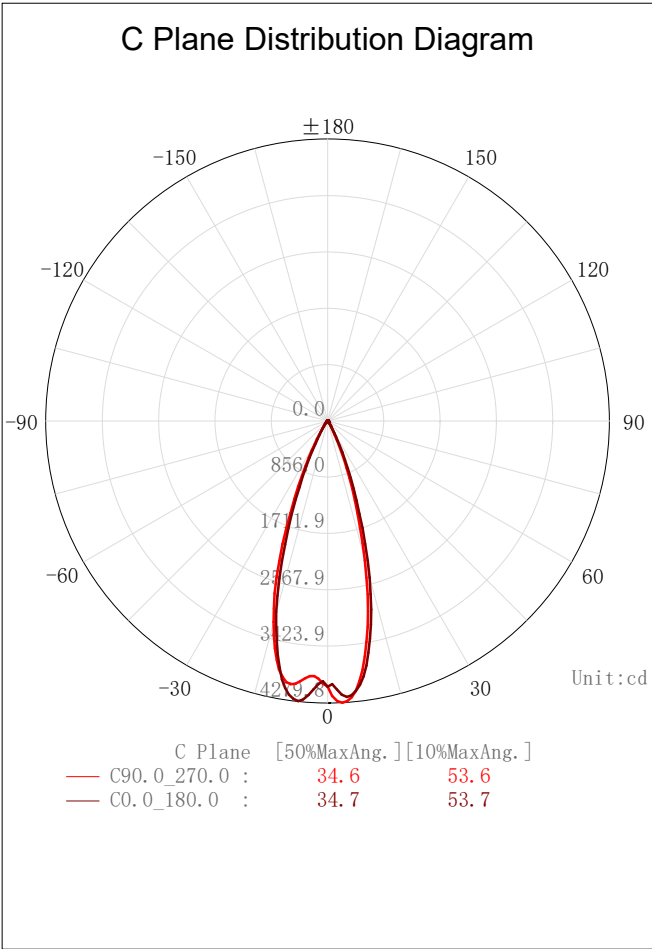
Indoor Luminaire Photometric Data

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

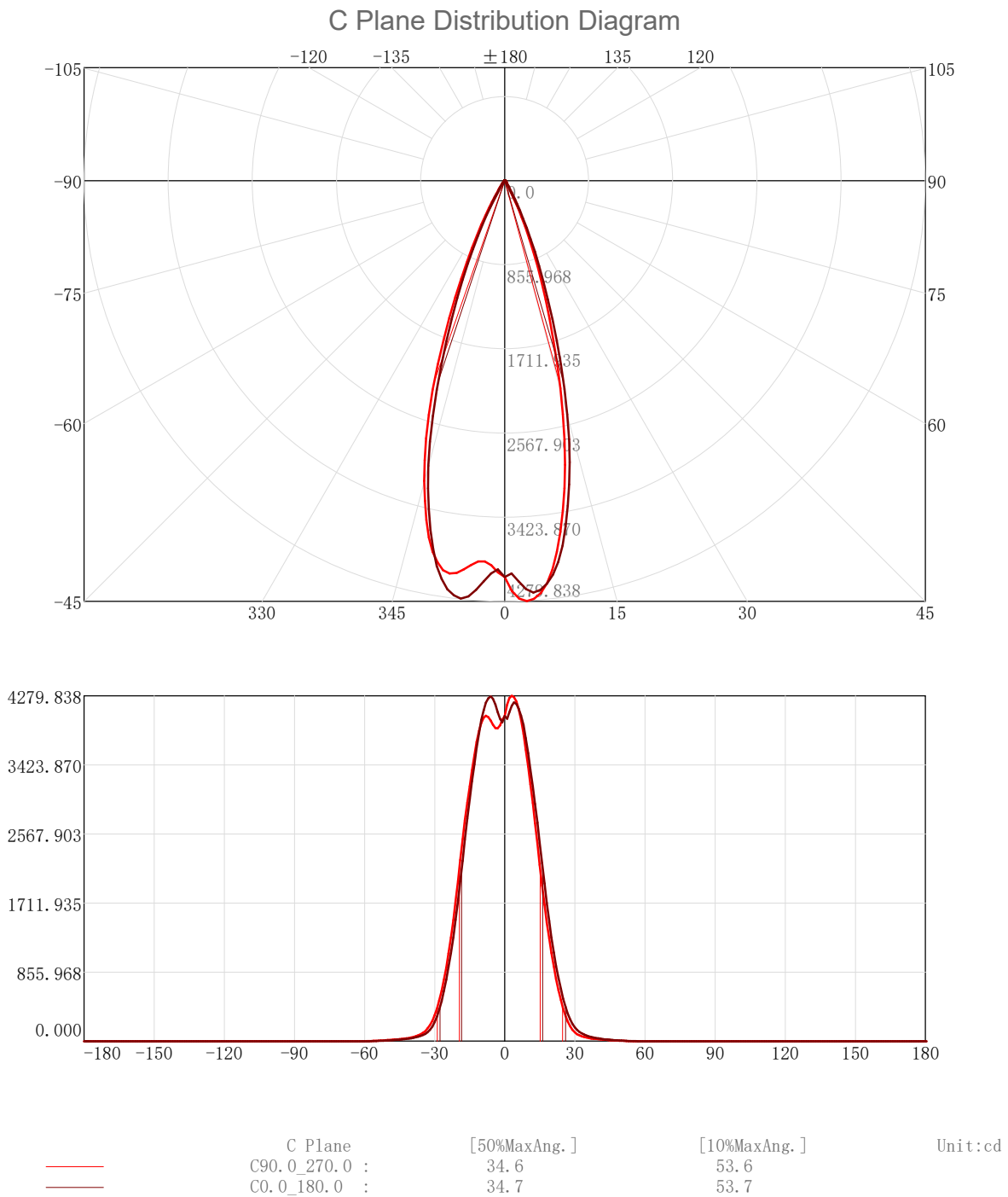
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1493.950	Luminary Flux(lm): 1493.951	Field Angle(10%Imax): 53.6(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1493.951lm 100.00%	
Rated Voltage(V):	Luminary EER(lm/W): 82.905	Up Lumens&Percent: 0.000lm 0.00%	
Tested Power(W): 18.020	Max. Candela(cd): 4279.838	S/MH: C0_a180=0.601 C90_270=0.600	
Lamps' Inside: 1	Max Cand@Ang. (°): C=90.0 γ=3.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):229.9, 0.084, 0.923	Beam Angle(50%Imax): 34.6(°)	ErP Φuse(90°): 1473.023lm	
Lamp Size(W*L*H):0.050m*-0.050m*0.000m	Left=-19.4°, Right=15.2°	IRF(%): 574.074	



2D Plane Light Intensity Distribution Curve

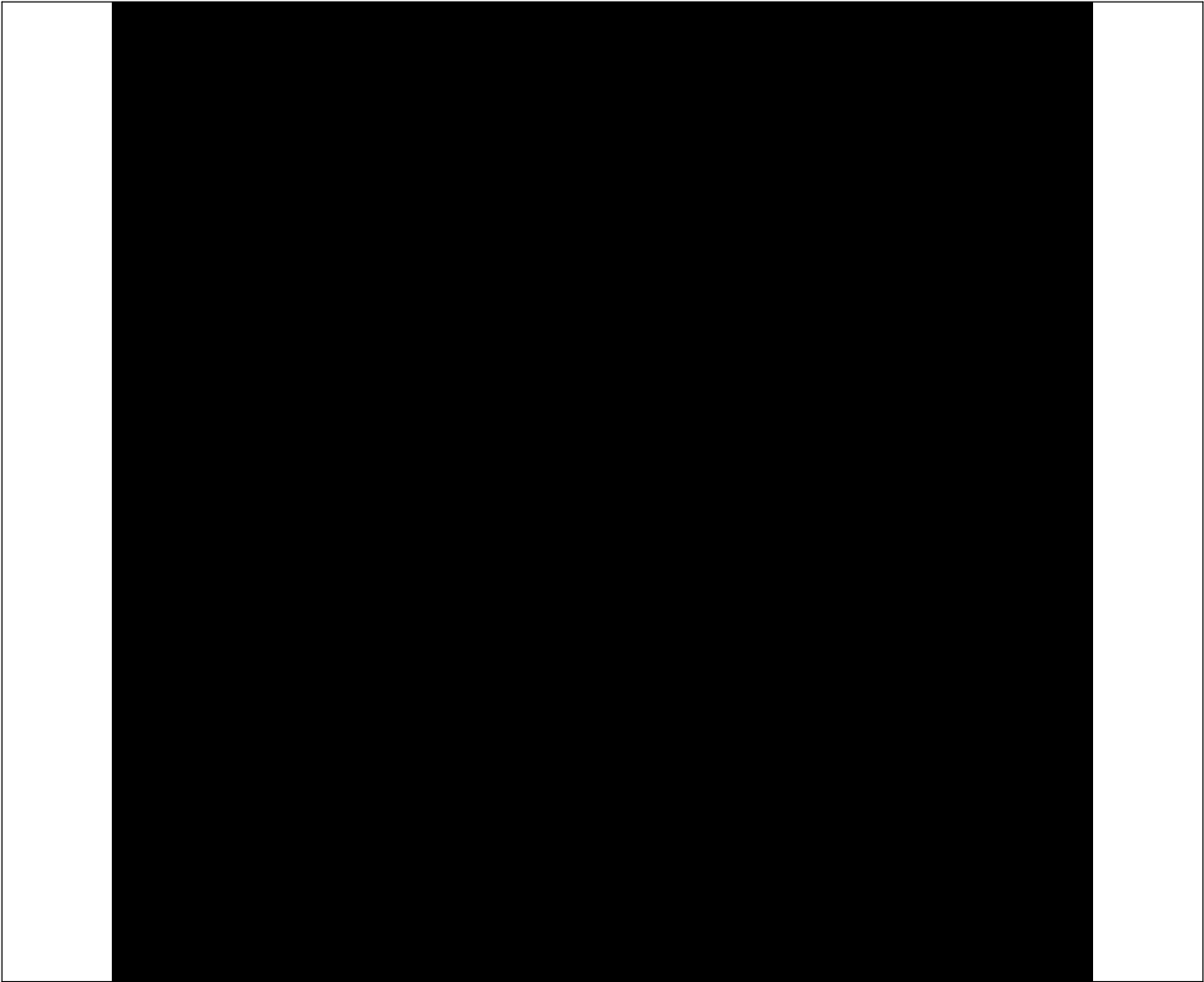
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2025/03/22



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)-36D-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	3.87	3.87	0.26	0.26	47.0-48.0	1.24	1487.95	0.08	99.60
1.0-2.0	11.64	15.51	0.78	1.04	48.0-49.0	1.10	1489.04	0.07	99.67
2.0-3.0	19.47	34.97	1.30	2.34	49.0-50.0	0.96	1490.00	0.06	99.74
3.0-4.0	27.33	62.30	1.83	4.17	50.0-51.0	0.83	1490.84	0.06	99.79
4.0-5.0	35.15	97.45	2.35	6.52	51.0-52.0	0.71	1491.55	0.05	99.84
5.0-6.0	42.81	140.26	2.87	9.39	52.0-53.0	0.59	1492.14	0.04	99.88
6.0-7.0	50.13	190.40	3.36	12.74	53.0-54.0	0.49	1492.63	0.03	99.91
7.0-8.0	56.87	247.27	3.81	16.55	54.0-55.0	0.39	1493.02	0.03	99.94
8.0-9.0	62.82	310.09	4.20	20.76	55.0-56.0	0.30	1493.32	0.02	99.96
9.0-10.0	67.83	377.92	4.54	25.30	56.0-57.0	0.22	1493.54	0.01	99.97
10.0-11.0	71.84	449.75	4.81	30.11	57.0-58.0	0.16	1493.70	0.01	99.98
11.0-12.0	74.75	524.50	5.00	35.11	58.0-59.0	0.11	1493.81	0.01	99.99
12.0-13.0	76.49	601.00	5.12	40.23	59.0-60.0	0.07	1493.89	0.00	100.00
13.0-14.0	77.06	678.05	5.16	45.39	60.0-61.0	0.04	1493.93	0.00	100.00
14.0-15.0	76.50	754.56	5.12	50.51	61.0-62.0	0.02	1493.95	0.00	100.00
15.0-16.0	74.90	829.46	5.01	55.52	62.0-63.0	0.00	1493.95	0.00	100.00
16.0-17.0	72.35	901.80	4.84	60.36	63.0-64.0	0.00	1493.95	0.00	100.00
17.0-18.0	68.91	970.72	4.61	64.98	64.0-65.0	0.00	1493.95	0.00	100.00
18.0-19.0	64.72	1035.43	4.33	69.31	65.0-66.0	0.00	1493.95	0.00	100.00
19.0-20.0	59.92	1095.35	4.01	73.32	66.0-67.0	0.00	1493.95	0.00	100.00
20.0-21.0	54.72	1150.07	3.66	76.98	67.0-68.0	0.00	1493.95	0.00	100.00
21.0-22.0	49.28	1199.35	3.30	80.28	68.0-69.0	0.00	1493.95	0.00	100.00
22.0-23.0	43.77	1243.12	2.93	83.21	69.0-70.0	0.00	1493.95	0.00	100.00
23.0-24.0	38.35	1281.47	2.57	85.78	70.0-71.0	0.00	1493.95	0.00	100.00
24.0-25.0	33.16	1314.63	2.22	88.00	71.0-72.0	0.00	1493.95	0.00	100.00
25.0-26.0	28.31	1342.94	1.90	89.89	72.0-73.0	0.00	1493.95	0.00	100.00
26.0-27.0	23.87	1366.81	1.60	91.49	73.0-74.0	0.00	1493.95	0.00	100.00
27.0-28.0	19.88	1386.69	1.33	92.82	74.0-75.0	0.00	1493.95	0.00	100.00
28.0-29.0	16.37	1403.06	1.10	93.92	75.0-76.0	0.00	1493.95	0.00	100.00
29.0-30.0	13.39	1416.45	0.90	94.81	76.0-77.0	0.00	1493.95	0.00	100.00
30.0-31.0	10.92	1427.37	0.73	95.54	77.0-78.0	0.00	1493.95	0.00	100.00
31.0-32.0	8.95	1436.32	0.60	96.14	78.0-79.0	0.00	1493.95	0.00	100.00
32.0-33.0	7.41	1443.73	0.50	96.64	79.0-80.0	0.00	1493.95	0.00	100.00
33.0-34.0	6.20	1449.93	0.41	97.05	80.0-81.0	0.00	1493.95	0.00	100.00
34.0-35.0	5.27	1455.20	0.35	97.41	81.0-82.0	0.00	1493.95	0.00	100.00
35.0-36.0	4.56	1459.77	0.31	97.71	82.0-83.0	0.00	1493.95	0.00	100.00
36.0-37.0	4.00	1463.77	0.27	97.98	83.0-84.0	0.00	1493.95	0.00	100.00
37.0-38.0	3.54	1467.30	0.24	98.22	84.0-85.0	0.00	1493.95	0.00	100.00
38.0-39.0	3.15	1470.45	0.21	98.43	85.0-86.0	0.00	1493.95	0.00	100.00
39.0-40.0	2.82	1473.27	0.19	98.62	86.0-87.0	0.00	1493.95	0.00	100.00
40.0-41.0	2.54	1475.81	0.17	98.79	87.0-88.0	0.00	1493.95	0.00	100.00
41.0-42.0	2.30	1478.10	0.15	98.94	88.0-89.0	0.00	1493.95	0.00	100.00
42.0-43.0	2.08	1480.18	0.14	99.08	89.0-90.0	0.00	1493.95	0.00	100.00
43.0-44.0	1.88	1482.07	0.13	99.20	90.0-91.0	0.00	1493.95	0.00	100.00
44.0-45.0	1.71	1483.78	0.11	99.32	91.0-92.0	0.00	1493.95	0.00	100.00
45.0-46.0	1.54	1485.32	0.10	99.42	92.0-93.0	0.00	1493.95	0.00	100.00
46.0-47.0	1.39	1486.71	0.09	99.52	93.0-94.0	0.00	1493.95	0.00	100.00

IES Indoor Report

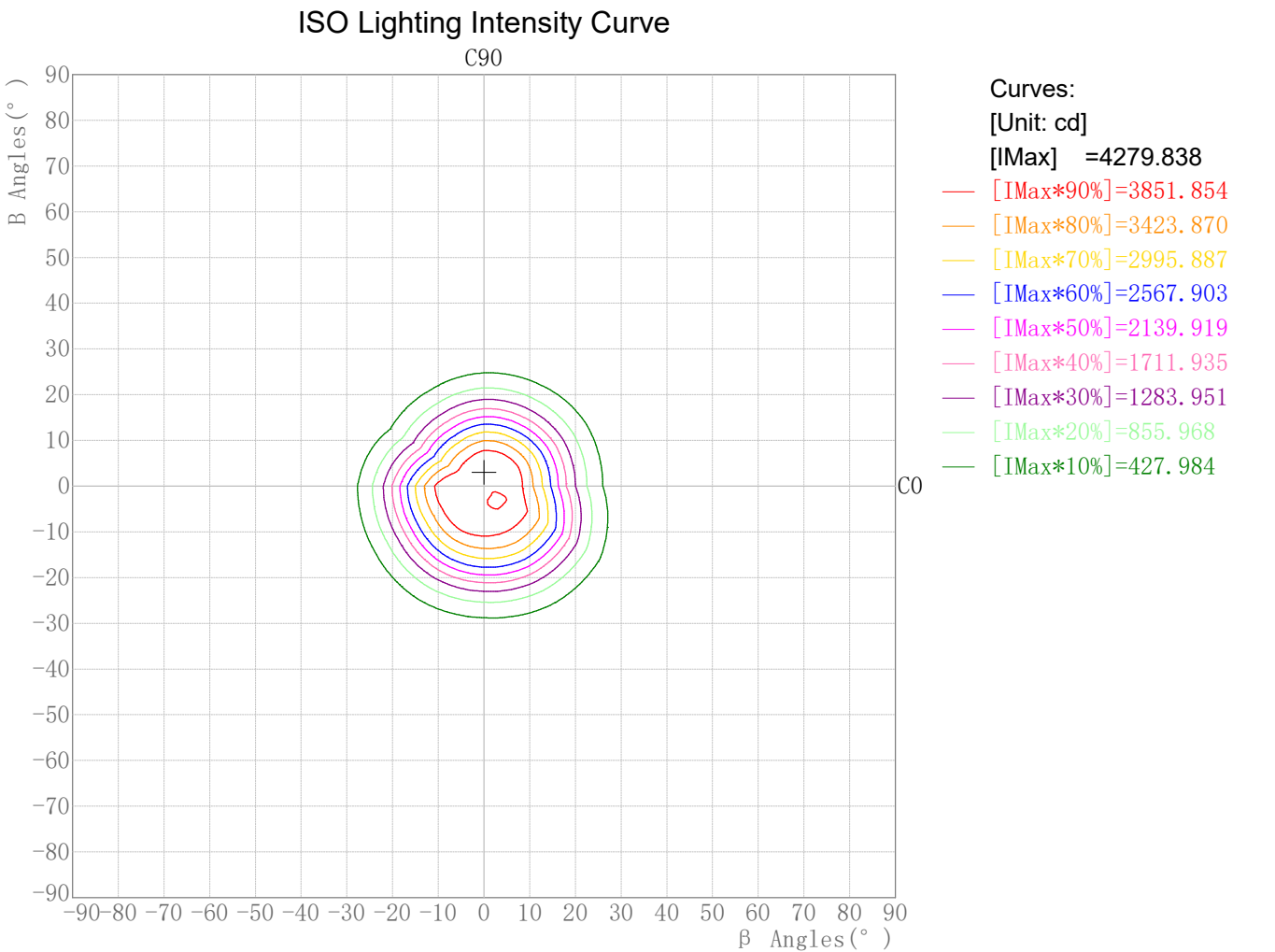
Photometric Filename:UL-18W-COB-1800-FH(N)-36D-3000K.IES

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	1493.95	0.00	100.00	141.0-142.0	0.00	1493.95	0.00	100.00
95.0-96.0	0.00	1493.95	0.00	100.00	142.0-143.0	0.00	1493.95	0.00	100.00
96.0-97.0	0.00	1493.95	0.00	100.00	143.0-144.0	0.00	1493.95	0.00	100.00
97.0-98.0	0.00	1493.95	0.00	100.00	144.0-145.0	0.00	1493.95	0.00	100.00
98.0-99.0	0.00	1493.95	0.00	100.00	145.0-146.0	0.00	1493.95	0.00	100.00
99.0-100.0	0.00	1493.95	0.00	100.00	146.0-147.0	0.00	1493.95	0.00	100.00
100.0-101.0	0.00	1493.95	0.00	100.00	147.0-148.0	0.00	1493.95	0.00	100.00
101.0-102.0	0.00	1493.95	0.00	100.00	148.0-149.0	0.00	1493.95	0.00	100.00
102.0-103.0	0.00	1493.95	0.00	100.00	149.0-150.0	0.00	1493.95	0.00	100.00
103.0-104.0	0.00	1493.95	0.00	100.00	150.0-151.0	0.00	1493.95	0.00	100.00
104.0-105.0	0.00	1493.95	0.00	100.00	151.0-152.0	0.00	1493.95	0.00	100.00
105.0-106.0	0.00	1493.95	0.00	100.00	152.0-153.0	0.00	1493.95	0.00	100.00
106.0-107.0	0.00	1493.95	0.00	100.00	153.0-154.0	0.00	1493.95	0.00	100.00
107.0-108.0	0.00	1493.95	0.00	100.00	154.0-155.0	0.00	1493.95	0.00	100.00
108.0-109.0	0.00	1493.95	0.00	100.00	155.0-156.0	0.00	1493.95	0.00	100.00
109.0-110.0	0.00	1493.95	0.00	100.00	156.0-157.0	0.00	1493.95	0.00	100.00
110.0-111.0	0.00	1493.95	0.00	100.00	157.0-158.0	0.00	1493.95	0.00	100.00
111.0-112.0	0.00	1493.95	0.00	100.00	158.0-159.0	0.00	1493.95	0.00	100.00
112.0-113.0	0.00	1493.95	0.00	100.00	159.0-160.0	0.00	1493.95	0.00	100.00
113.0-114.0	0.00	1493.95	0.00	100.00	160.0-161.0	0.00	1493.95	0.00	100.00
114.0-115.0	0.00	1493.95	0.00	100.00	161.0-162.0	0.00	1493.95	0.00	100.00
115.0-116.0	0.00	1493.95	0.00	100.00	162.0-163.0	0.00	1493.95	0.00	100.00
116.0-117.0	0.00	1493.95	0.00	100.00	163.0-164.0	0.00	1493.95	0.00	100.00
117.0-118.0	0.00	1493.95	0.00	100.00	164.0-165.0	0.00	1493.95	0.00	100.00
118.0-119.0	0.00	1493.95	0.00	100.00	165.0-166.0	0.00	1493.95	0.00	100.00
119.0-120.0	0.00	1493.95	0.00	100.00	166.0-167.0	0.00	1493.95	0.00	100.00
120.0-121.0	0.00	1493.95	0.00	100.00	167.0-168.0	0.00	1493.95	0.00	100.00
121.0-122.0	0.00	1493.95	0.00	100.00	168.0-169.0	0.00	1493.95	0.00	100.00
122.0-123.0	0.00	1493.95	0.00	100.00	169.0-170.0	0.00	1493.95	0.00	100.00
123.0-124.0	0.00	1493.95	0.00	100.00	170.0-171.0	0.00	1493.95	0.00	100.00
124.0-125.0	0.00	1493.95	0.00	100.00	171.0-172.0	0.00	1493.95	0.00	100.00
125.0-126.0	0.00	1493.95	0.00	100.00	172.0-173.0	0.00	1493.95	0.00	100.00
126.0-127.0	0.00	1493.95	0.00	100.00	173.0-174.0	0.00	1493.95	0.00	100.00
127.0-128.0	0.00	1493.95	0.00	100.00	174.0-175.0	0.00	1493.95	0.00	100.00
128.0-129.0	0.00	1493.95	0.00	100.00	175.0-176.0	0.00	1493.95	0.00	100.00
129.0-130.0	0.00	1493.95	0.00	100.00	176.0-177.0	0.00	1493.95	0.00	100.00
130.0-131.0	0.00	1493.95	0.00	100.00	177.0-178.0	0.00	1493.95	0.00	100.00
131.0-132.0	0.00	1493.95	0.00	100.00	178.0-179.0	0.00	1493.95	0.00	100.00
132.0-133.0	0.00	1493.95	0.00	100.00	179.0-180.0	0.00	1493.95	0.00	100.00
133.0-134.0	0.00	1493.95	0.00	100.00					
134.0-135.0	0.00	1493.95	0.00	100.00					
135.0-136.0	0.00	1493.95	0.00	100.00					
136.0-137.0	0.00	1493.95	0.00	100.00					
137.0-138.0	0.00	1493.95	0.00	100.00					
138.0-139.0	0.00	1493.95	0.00	100.00					
139.0-140.0	0.00	1493.95	0.00	100.00					
140.0-141.0	0.00	1493.95	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



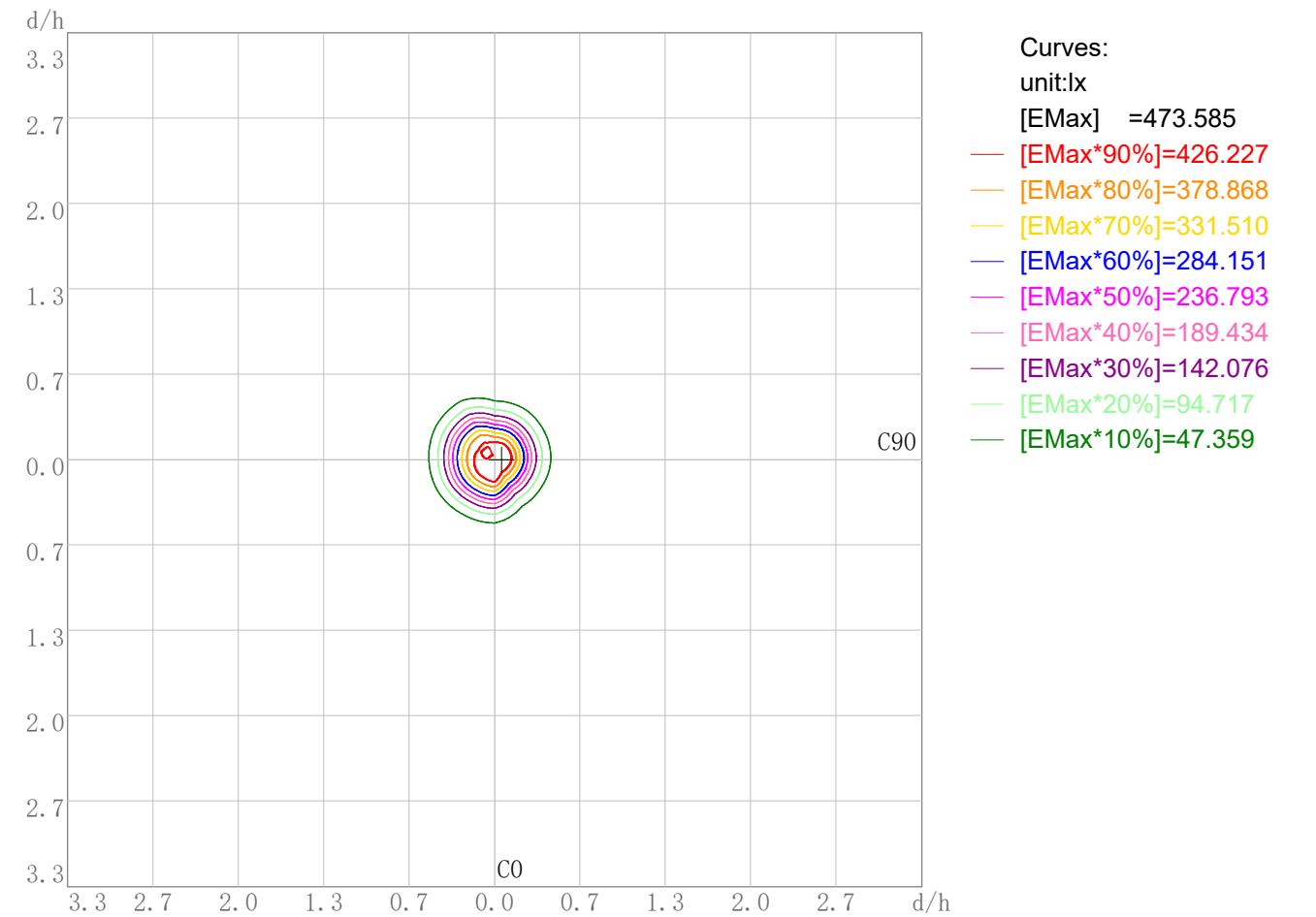
Maximum Light Intensity(cd): 4279.84

Maximum Cand.@Angle: H=0.0°,V=3.0°

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

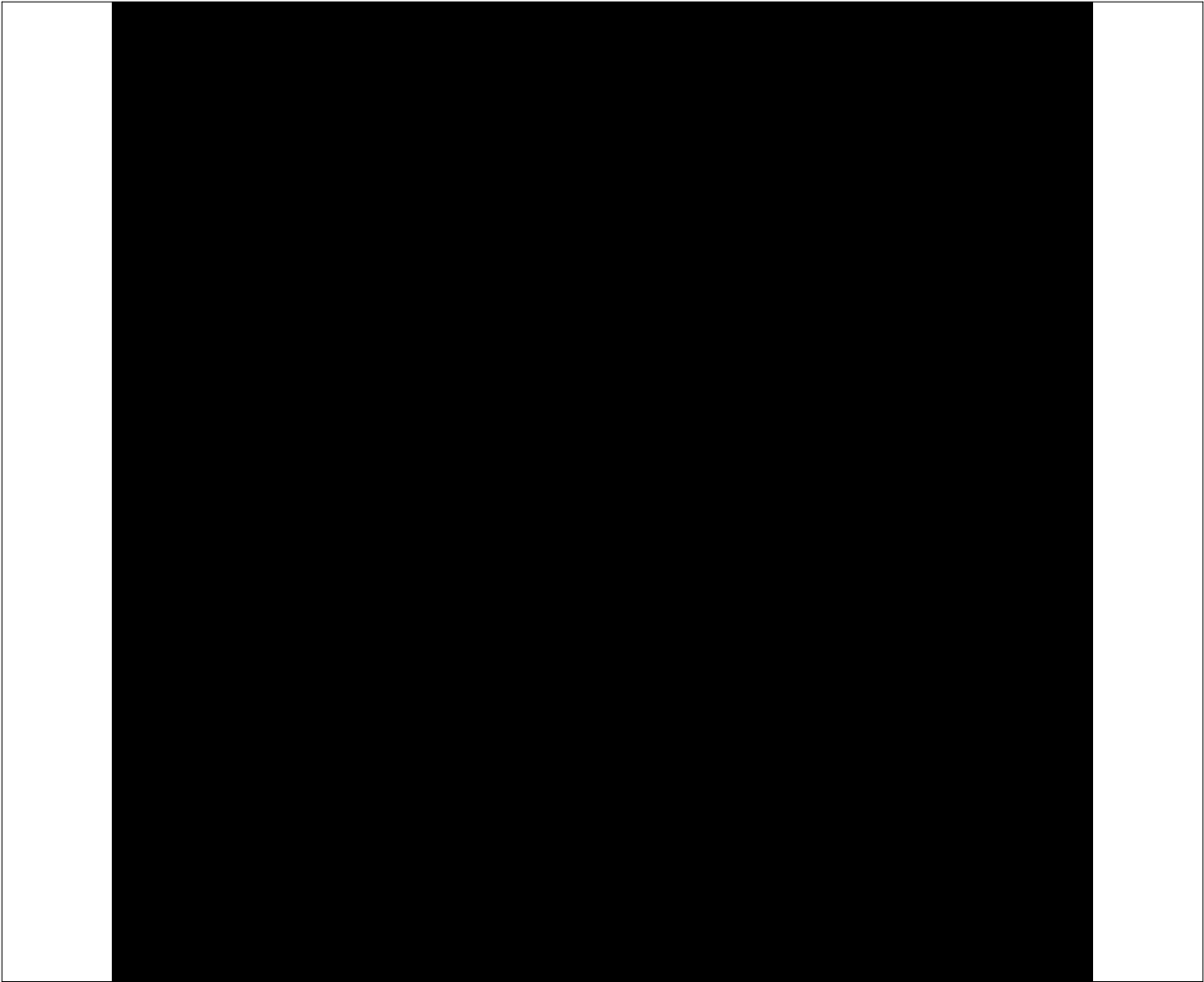


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 473.59
Working Plane Maximum Illuminance Position(d/h):H0.1 V0.0

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



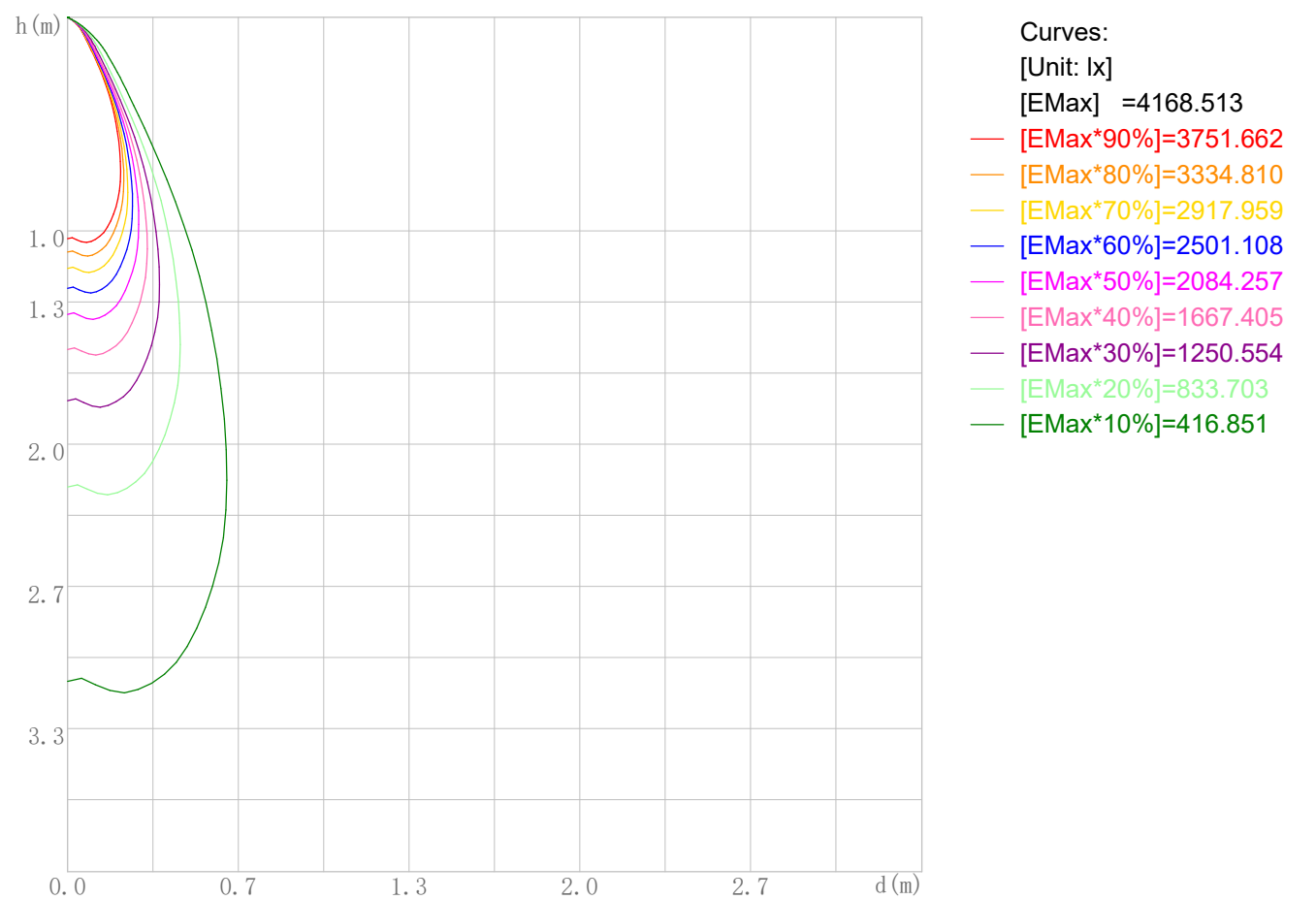
Curves: 3D Model— 90%— 80%— 70%— 60%— 50%— 40%— 30%— 20%— 10%—

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

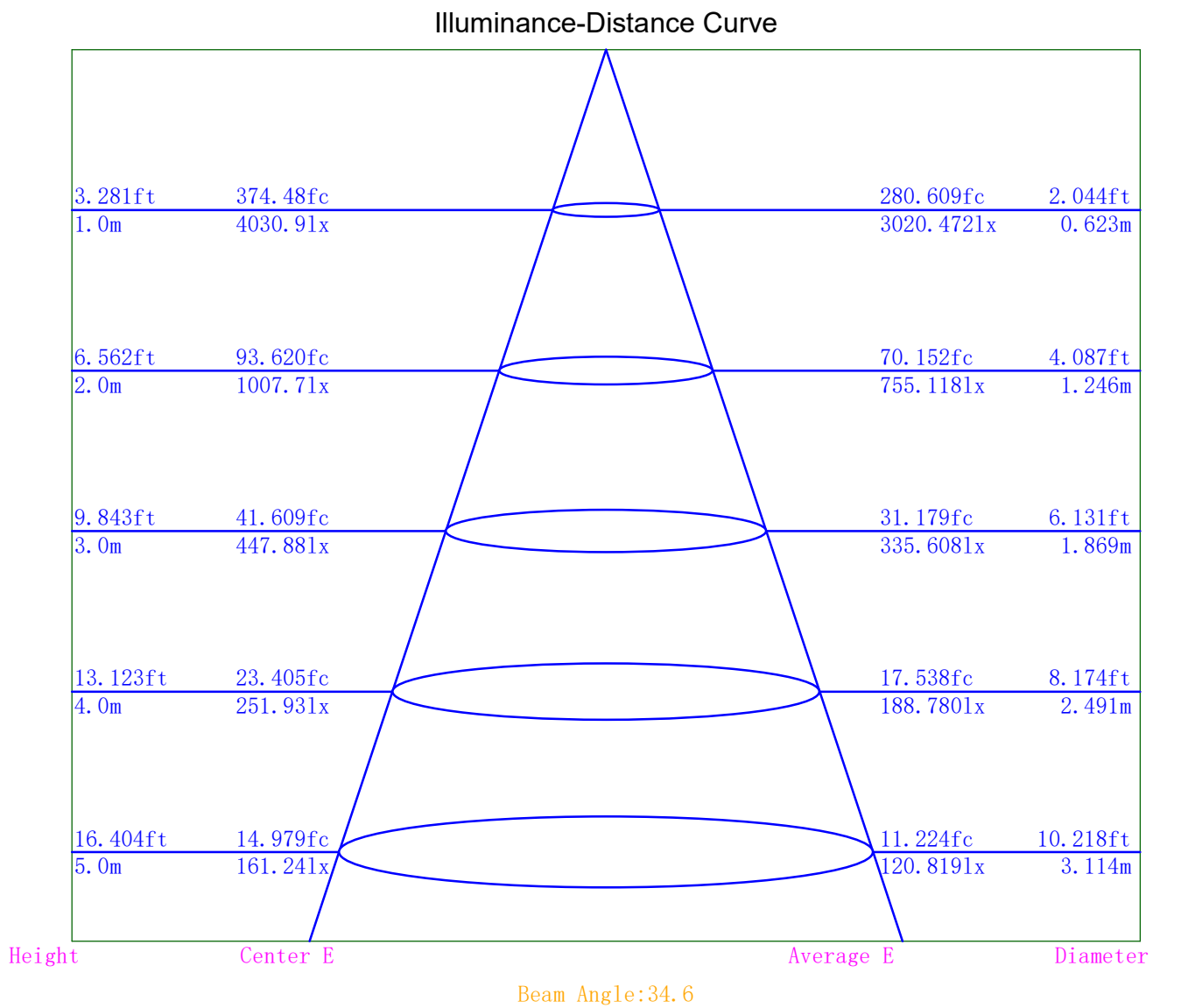
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:4168.51lx,4.0deg
Plane Maximum Lighting Intensity and @Angle:4199.125cd,0deg

Illuminance-Distance Diagram

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

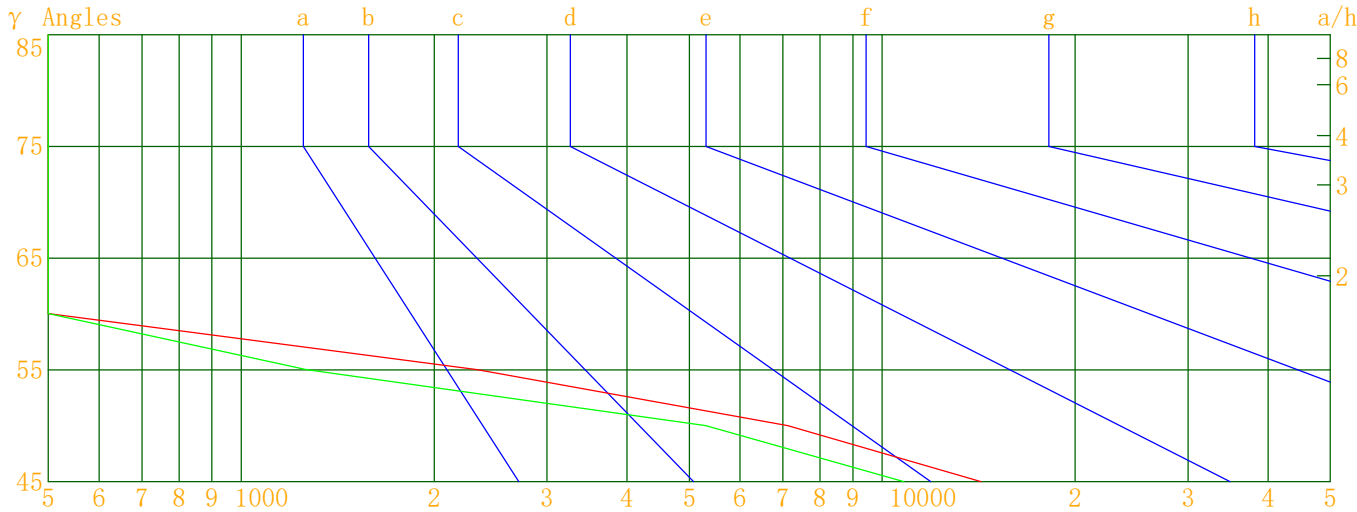
Glare Grade Table

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	14253	7125	2332	0	0	0	0	0	0
C90	10814	5308	1263	0	0	0	0	0	0

Luminance Limiting Curve



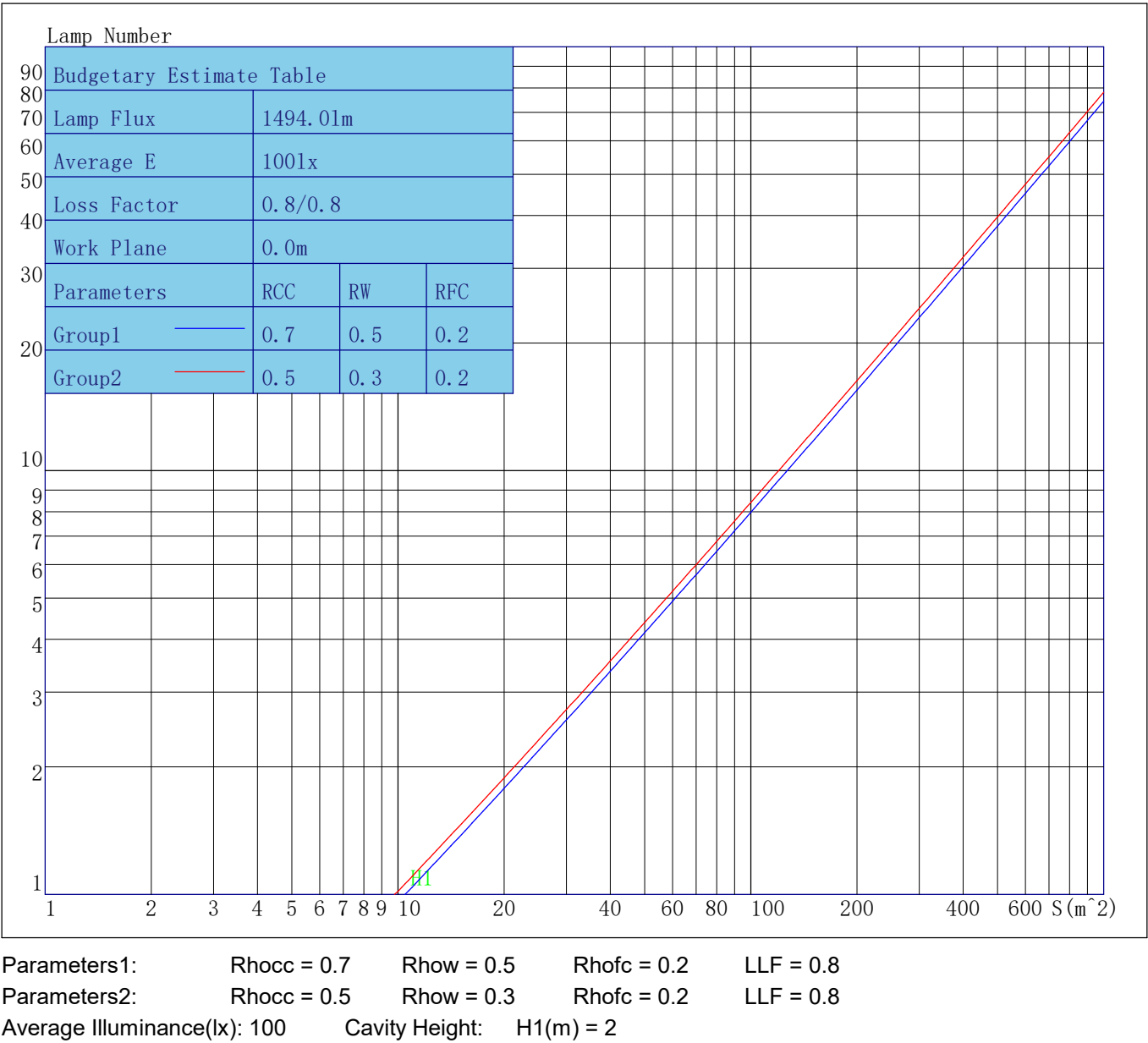
Luminous Size: Length(m)=-0.050 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963

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	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	96
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	96	95	94	92
3	107	102	98	95	105	101	97	94	98	95	93	96	93	91	94	92	90	89
4	103	97	93	90	102	96	92	89	94	91	88	92	90	87	91	88	86	85
5	100	93	89	86	98	92	88	85	91	87	85	89	86	84	88	85	83	82
6	96	90	85	82	95	89	85	82	88	84	81	86	83	81	85	82	80	79
7	93	86	82	79	92	86	81	78	85	81	78	83	80	78	82	80	77	76
8	90	83	79	76	89	83	78	75	82	78	75	81	77	75	80	77	75	74
9	87	80	76	73	87	80	76	73	79	75	73	78	75	72	78	74	72	71
10	85	78	73	70	84	77	73	70	76	73	70	76	72	70	75	72	70	69

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	12.9	13.8	13.3	14.1	14.5	8.6	9.6	9.0	9.9	10.2
	12.7	13.5	13.1	13.8	14.2	8.4	9.2	8.8	9.6	9.9
	12.6	13.3	13.0	13.7	14.1	8.3	9.1	8.7	9.4	9.8
	12.5	13.2	12.9	13.5	13.9	8.2	8.9	8.6	9.3	9.7
	12.4	13.0	12.9	13.4	13.9	8.1	8.8	8.6	9.2	9.6
	12.4	13.0	12.8	13.3	13.8	8.1	8.7	8.5	9.1	9.5
X=4H Y=2H	12.6	13.4	13.0	13.7	14.1	8.3	9.1	8.7	9.4	9.8
	12.4	13.0	12.8	13.4	13.8	8.1	8.7	8.5	9.1	9.5
	12.2	12.8	12.7	13.2	13.7	8.0	8.5	8.4	8.9	9.4
	12.1	12.6	12.6	13.0	13.5	7.8	8.3	8.3	8.8	9.2
	12.1	12.5	12.5	12.9	13.4	7.8	8.2	8.2	8.7	9.1
	12.0	12.4	12.5	12.8	13.3	7.7	8.1	8.2	8.6	9.0
X=8H Y=4H	12.1	12.5	12.5	12.9	13.4	7.8	8.2	8.2	8.7	9.1
	11.9	12.3	12.4	12.8	13.3	7.6	8.0	8.1	8.5	9.0
	11.8	12.1	12.4	12.7	13.2	7.6	7.9	8.1	8.4	8.9
	11.8	12.0	12.3	12.5	13.1	7.5	7.8	8.0	8.3	8.8
X=12H Y=4H	12.0	12.4	12.5	12.8	13.3	7.7	8.1	8.2	8.6	9.0
	11.8	12.2	12.4	12.6	13.2	7.6	7.9	8.1	8.3	8.9
	11.8	12.0	12.3	12.5	13.1	7.5	7.8	8.0	8.3	8.8
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:	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)-36D-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	4030. 90	4030. 90	4030. 90	4030. 90	4030. 90	4030. 90	4030. 90	4030. 90	4030. 90	4030. 90	4030. 90	4030. 90
γ 1. 0	3995. 08	4060. 73	4155. 36	4171. 87	4200. 04	4159. 52	3951. 46	3965. 27	3987. 42	3983. 15	4002. 43	3956. 68
γ 2. 0	4076. 82	4139. 88	4228. 49	4251. 33	4246. 39	4204. 69	3994. 94	3980. 00	3949. 11	3913. 17	3901. 77	3858. 49
γ 3. 0	4157. 42	4213. 91	4276. 48	4279. 84	4239. 01	4188. 85	4078. 94	4035. 09	3949. 26	3876. 04	3830. 32	3795. 08
γ 4. 0	4199. 13	4252. 69	4276. 51	4263. 45	4190. 85	4140. 72	4169. 95	4105. 29	3981. 45	3879. 81	3803. 26	3777. 78
γ 5. 0	4176. 88	4231. 87	4237. 30	4210. 34	4111. 83	4056. 51	4243. 29	4169. 48	4034. 91	3921. 85	3813. 39	3799. 74
γ 6. 0	4119. 23	4168. 92	4158. 78	4116. 72	3992. 45	3937. 55	4272. 04	4195. 60	4097. 53	3973. 61	3859. 61	3864. 74
γ 7. 0	4033. 81	4082. 84	4036. 84	3980. 92	3827. 31	3775. 76	4247. 77	4173. 98	4124. 63	4017. 29	3921. 10	3942. 98
γ 8. 0	3916. 22	3952. 10	3879. 18	3810. 82	3642. 03	3597. 01	4194. 50	4122. 28	4096. 33	4031. 74	3963. 87	3988. 46
γ 9. 0	3756. 44	3778. 33	3694. 90	3613. 23	3442. 05	3402. 57	4100. 71	4031. 37	4039. 87	4009. 37	3967. 49	3979. 77
γ 10. 0	3570. 91	3584. 35	3488. 37	3405. 16	3224. 58	3198. 75	3979. 66	3910. 19	3958. 53	3940. 36	3932. 59	3936. 86
γ 11. 0	3366. 33	3384. 63	3266. 42	3184. 68	2999. 21	2980. 03	3814. 88	3748. 49	3835. 92	3845. 34	3861. 68	3854. 15
γ 12. 0	3157. 43	3170. 77	3039. 22	2951. 94	2757. 42	2746. 41	3632. 28	3569. 65	3678. 90	3708. 41	3759. 13	3741. 17
γ 13. 0	2938. 52	2944. 12	2799. 82	2703. 22	2502. 61	2494. 73	3430. 35	3375. 55	3495. 29	3541. 03	3614. 92	3595. 00
γ 14. 0	2709. 28	2703. 36	2548. 33	2447. 32	2248. 35	2235. 50	3222. 25	3172. 92	3300. 42	3355. 06	3445. 28	3419. 94
γ 15. 0	2460. 19	2450. 91	2287. 40	2186. 59	1996. 18	1981. 76	3002. 54	2957. 27	3096. 56	3161. 37	3256. 36	3226. 15
γ 16. 0	2204. 70	2195. 93	2028. 05	1929. 80	1755. 68	1740. 07	2762. 36	2727. 74	2883. 56	2955. 58	3062. 67	3028. 61
γ 17. 0	1954. 61	1941. 03	1782. 29	1693. 17	1532. 40	1516. 09	2501. 20	2482. 27	2656. 64	2740. 12	2854. 14	2821. 33
γ 18. 0	1714. 53	1702. 22	1552. 43	1473. 08	1324. 28	1307. 51	2237. 34	2227. 50	2406. 84	2502. 07	2630. 63	2603. 18
γ 19. 0	1490. 52	1478. 73	1350. 05	1276. 33	1133. 77	1115. 13	1983. 00	1971. 41	2152. 17	2247. 95	2388. 50	2367. 12
γ 20. 0	1284. 78	1279. 21	1163. 47	1095. 45	962. 60	940. 98	1740. 74	1719. 19	1899. 05	1987. 58	2138. 09	2120. 94
γ 21. 0	1099. 60	1101. 10	991. 59	927. 15	805. 15	786. 65	1505. 45	1485. 80	1659. 67	1738. 61	1887. 04	1873. 52
γ 22. 0	934. 54	937. 79	832. 88	772. 89	660. 86	646. 85	1287. 51	1275. 06	1430. 30	1503. 40	1645. 25	1639. 68
γ 23. 0	785. 95	787. 14	687. 84	633. 81	531. 23	521. 05	1092. 74	1084. 47	1219. 78	1284. 86	1418. 08	1419. 87
γ 24. 0	649. 57	650. 23	558. 43	509. 68	419. 74	411. 91	921. 61	909. 98	1029. 33	1088. 94	1212. 07	1218. 32
γ 25. 0	529. 06	529. 71	446. 28	403. 28	326. 45	321. 30	765. 05	755. 23	862. 07	915. 17	1027. 80	1036. 77
γ 26. 0	426. 18	425. 69	352. 89	315. 05	250. 95	249. 09	622. 72	616. 99	715. 41	761. 27	864. 72	874. 55
γ 27. 0	340. 05	339. 10	275. 18	242. 67	192. 03	191. 79	497. 67	494. 76	583. 59	625. 97	721. 26	730. 78
γ 28. 0	269. 79	267. 65	213. 79	185. 83	147. 22	146. 69	392. 14	389. 87	468. 49	507. 63	593. 88	603. 16
γ 29. 0	214. 89	211. 20	166. 68	141. 99	113. 75	113. 49	306. 45	303. 86	370. 96	406. 02	482. 51	490. 44
γ 30. 0	173. 12	167. 00	130. 96	110. 14	90. 66	91. 45	236. 28	235. 32	289. 54	321. 67	387. 17	393. 75
γ 31. 0	140. 73	133. 72	104. 47	88. 60	74. 54	76. 57	182. 94	182. 31	224. 64	253. 43	307. 26	313. 97
γ 32. 0	116. 46	110. 17	85. 82	73. 77	63. 22	65. 26	142. 96	140. 94	176. 00	199. 93	243. 54	249. 20
γ 33. 0	98. 33	92. 83	71. 88	62. 59	54. 61	56. 00	113. 20	110. 74	138. 18	158. 00	194. 58	198. 43
γ 34. 0	83. 95	78. 71	61. 19	53. 56	47. 31	48. 27	92. 28	90. 84	110. 51	126. 23	156. 50	159. 02
γ 35. 0	72. 16	67. 20	52. 46	46. 02	41. 22	41. 96	77. 68	76. 84	90. 66	104. 48	128. 20	130. 34
γ 36. 0	62. 23	57. 57	45. 29	40. 01	36. 19	36. 83	66. 44	65. 56	76. 11	88. 12	107. 03	109. 51
γ 37. 0	54. 03	49. 83	39. 57	35. 51	31. 96	32. 38	57. 43	56. 32	65. 09	74. 77	90. 80	93. 29
γ 38. 0	47. 08	43. 48	35. 16	31. 97	28. 49	28. 73	49. 85	48. 39	56. 05	63. 61	77. 96	79. 75
γ 39. 0	41. 17	38. 31	31. 57	29. 10	25. 36	25. 46	43. 61	42. 24	48. 65	54. 67	67. 25	68. 42
γ 40. 0	36. 38	33. 91	28. 59	26. 43	22. 69	22. 71	38. 35	37. 26	42. 60	47. 63	58. 29	59. 13
γ 41. 0	32. 27	30. 25	25. 99	23. 92	20. 23	20. 32	33. 77	32. 94	37. 84	41. 85	50. 85	51. 55
γ 42. 0	28. 56	27. 09	23. 57	21. 57	17. 91	18. 02	30. 05	29. 38	33. 90	37. 15	44. 58	44. 98
γ 43. 0	25. 29	24. 11	21. 15	19. 29	15. 89	15. 85	26. 69	26. 35	30. 67	33. 28	39. 13	39. 23
γ 44. 0	22. 43	21. 39	18. 75	17. 25	13. 93	13. 84	23. 90	23. 68	27. 96	30. 06	34. 51	34. 56
γ 45. 0	19. 79	18. 91	16. 45	15. 01	12. 17	12. 13	21. 27	21. 27	25. 47	27. 18	30. 73	30. 67
γ 46. 0	17. 23	16. 45	14. 29	13. 16	10. 61	10. 52	18. 94	19. 13	23. 10	24. 62	27. 32	27. 23

IES Indoor Report
Photometric Filename:UL-18W-COB-1800-FH(N)-36D-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. 81	14. 10	12. 28	11. 30	9. 12	8. 97	16. 67	16. 98	20. 92	22. 22	24. 52	24. 24
γ 48. 0	12. 64	11. 94	10. 48	9. 69	7. 74	7. 58	14. 60	14. 94	18. 74	20. 00	21. 86	21. 55
γ 49. 0	10. 73	10. 08	8. 82	8. 08	6. 38	6. 30	12. 72	13. 13	16. 52	17. 75	19. 38	19. 06
γ 50. 0	8. 99	8. 25	7. 14	6. 70	5. 26	5. 01	10. 96	11. 38	14. 54	15. 63	17. 05	16. 66
γ 51. 0	7. 45	6. 60	5. 81	5. 45	4. 21	3. 95	9. 41	9. 75	12. 71	13. 68	14. 86	14. 36
γ 52. 0	6. 00	5. 25	4. 54	4. 25	3. 11	2. 98	7. 91	8. 20	10. 92	11. 74	12. 87	12. 34
γ 53. 0	4. 82	4. 12	3. 47	3. 24	2. 18	2. 03	6. 53	6. 85	9. 27	9. 90	11. 05	10. 55
γ 54. 0	3. 69	3. 02	2. 46	2. 30	1. 40	1. 27	5. 27	5. 54	7. 76	8. 34	9. 31	8. 88
γ 55. 0	2. 63	2. 16	1. 62	1. 42	0. 63	0. 50	4. 19	4. 35	6. 33	6. 86	7. 89	7. 38
γ 56. 0	1. 79	1. 25	0. 80	0. 61	0. 00	0. 00	3. 14	3. 33	5. 08	5. 50	6. 44	6. 00
γ 57. 0	1. 09	0. 47	0. 00	0. 00	0. 00	0. 00	2. 22	2. 27	3. 95	4. 30	5. 17	4. 83
γ 58. 0	0. 26	0. 00	0. 00	0. 00	0. 00	0. 00	1. 38	1. 44	2. 95	3. 29	4. 04	3. 69
γ 59. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 60	0. 61	2. 04	2. 41	3. 00	2. 70
γ 60. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	1. 20	1. 60	2. 15	1. 97
γ 61. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 39	0. 74	1. 32	1. 16
γ 62. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 01	0. 59	0. 49
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-18W-COB-1800-FH(N)-36D-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

IES Indoor Report
Photometric Filename:UL-18W-COB-1800-FH(N)-36D-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 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