

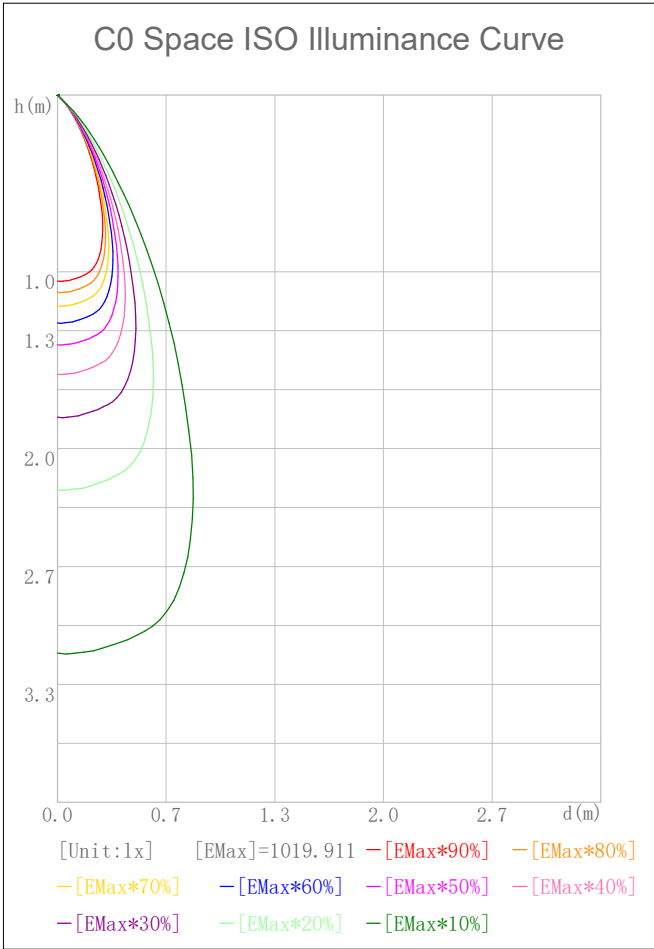
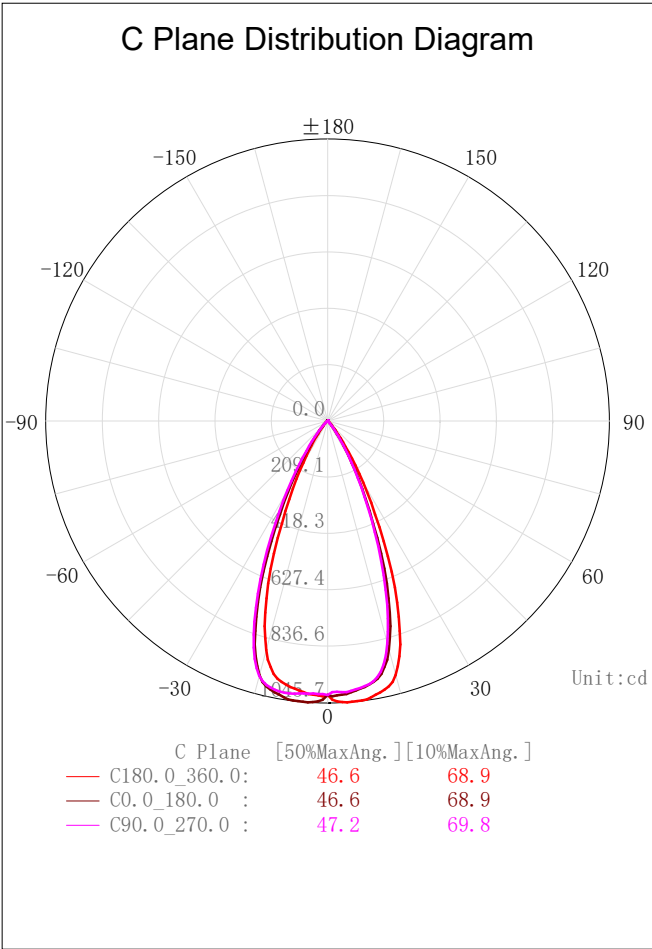
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 55252		Lum. Catelog:	Test ID:
Lamp Name:		Lamp Catelog:	Test Date: 2025/03/18
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

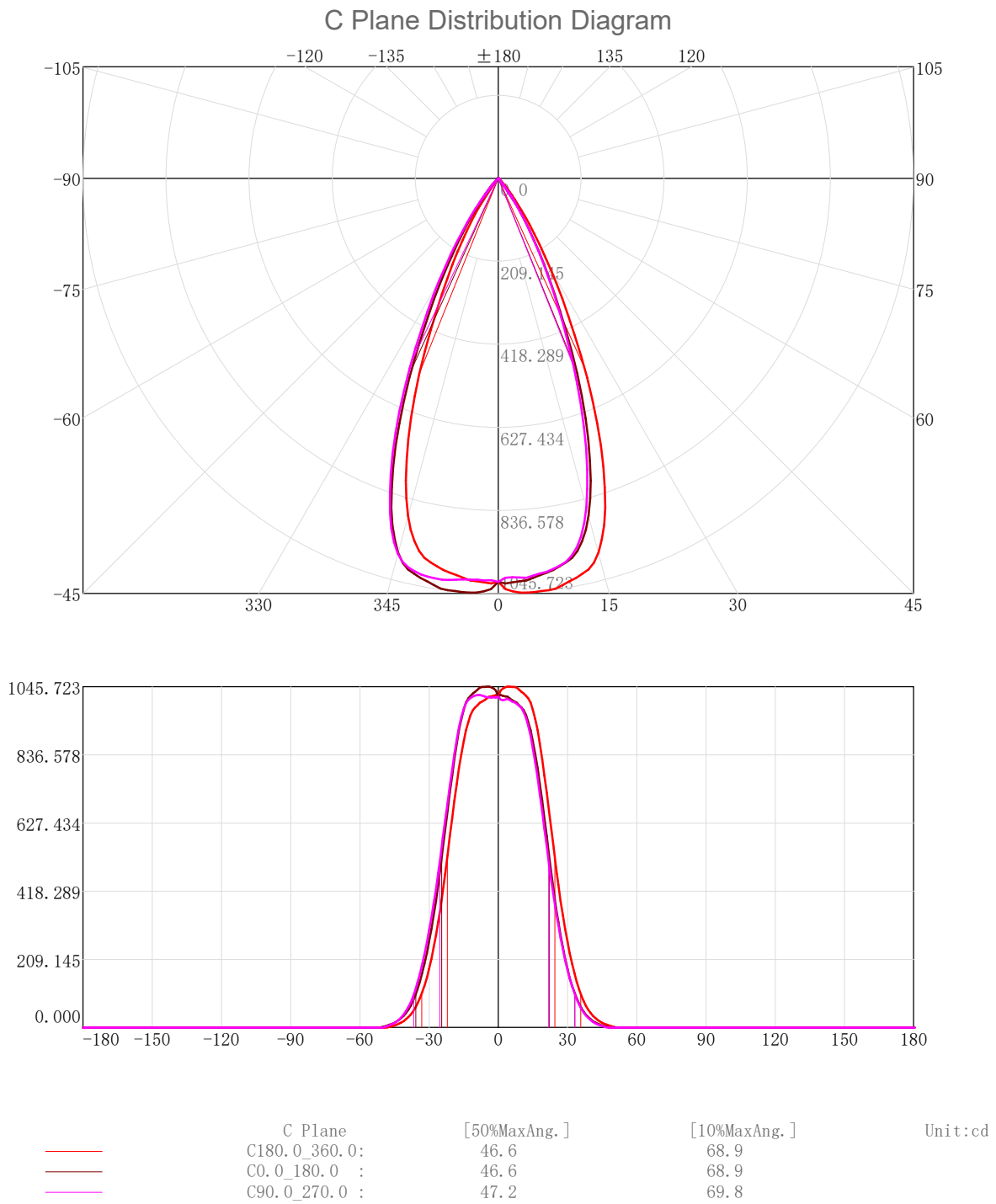
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 619.930	Luminary Flux(lm): 619.928	Field Angle(10%Imax): 68.9(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 619.928lm 100.00%	
Rated Voltage(V):	Luminary EER(lm/W): 80.239	Up Lumens&Percent: 0.000lm 0.00%	
Tested Power(W): 7.726	Max. Candela(cd): 1045.723	S/MH: C0_a180=0.785 C90_270=0.783	
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=4.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):229.3, 0.034, 0.970		ErP Φuse(90°): 618.366lm	
Lamp Size(W*L*H):0.050m*-0.050m*0.000m		IRF(%): 346.664	
		Left=-22.1°, Right=24.5°	



2D Plane Light Intensity Distribution Curve

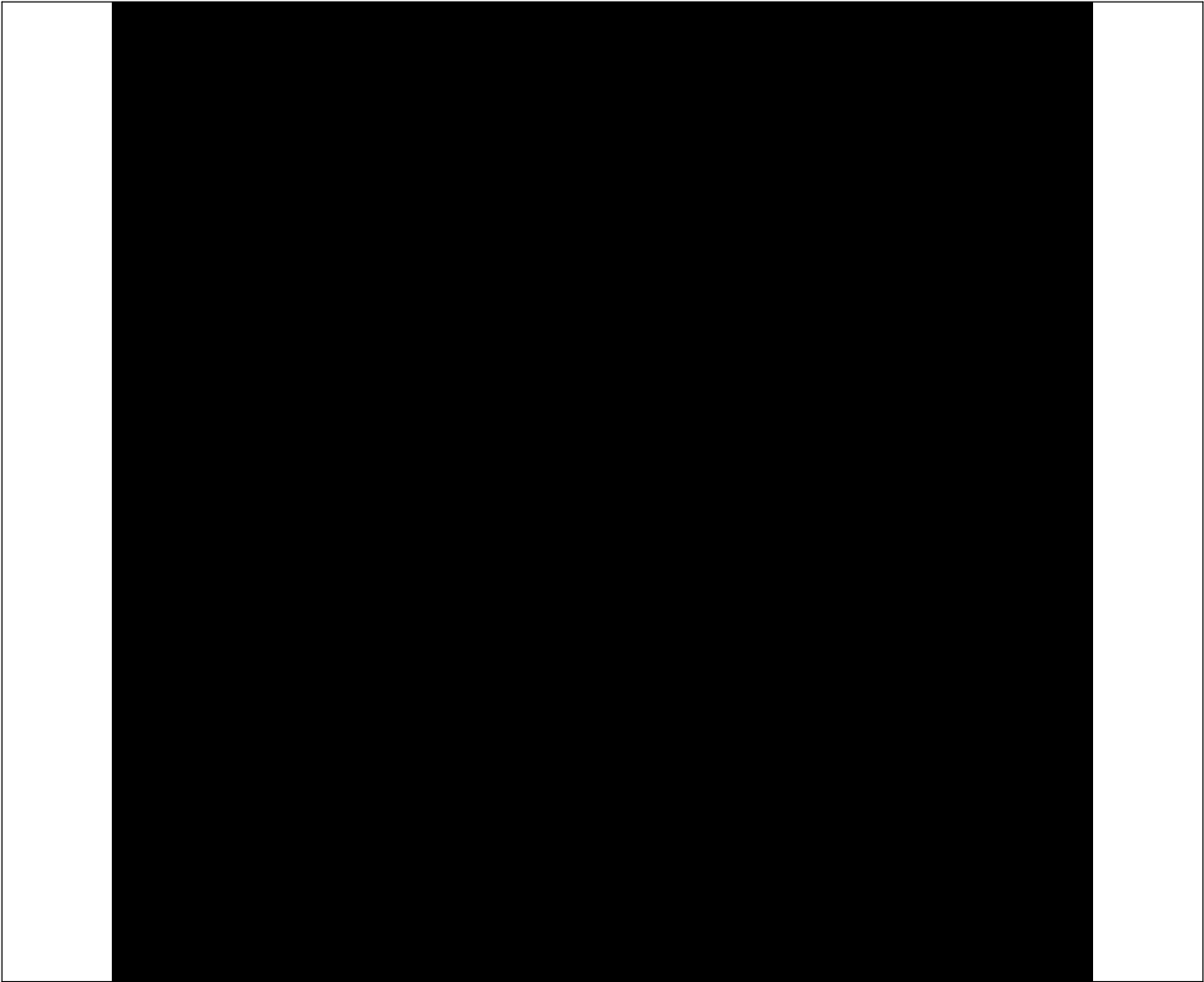
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2025/03/18



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: 2025/03/18

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-8W-COB-0800-FH-N-36D-3000K.IES

Zonal Flux Tabulation

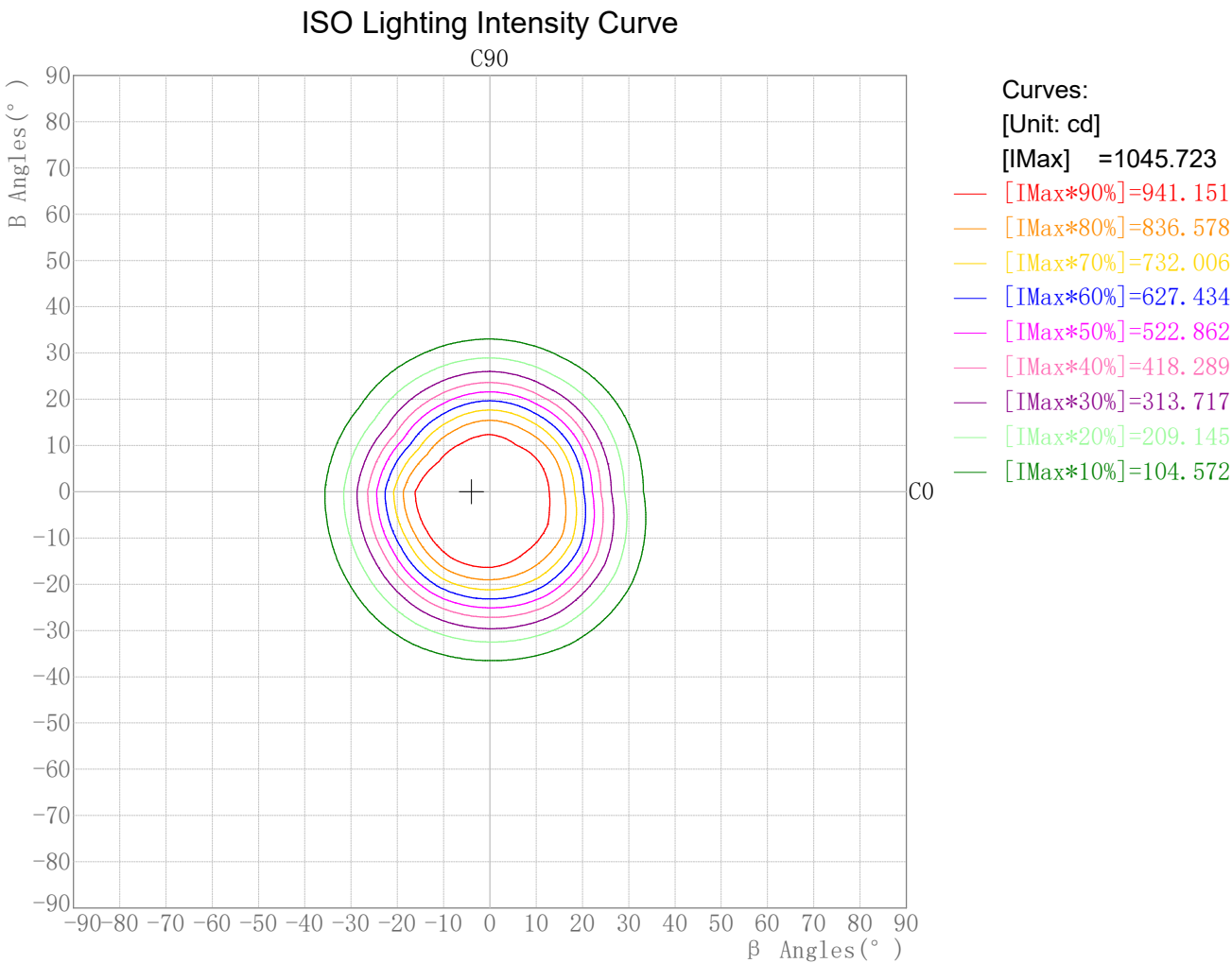
Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.97	0.97	0.16	0.16	47.0-48.0	0.32	619.59	0.05	99.94
1.0-2.0	2.91	3.88	0.47	0.63	48.0-49.0	0.20	619.78	0.03	99.98
2.0-3.0	4.85	8.73	0.78	1.41	49.0-50.0	0.11	619.89	0.02	99.99
3.0-4.0	6.79	15.52	1.10	2.50	50.0-51.0	0.04	619.92	0.01	100.00
4.0-5.0	8.72	24.24	1.41	3.91	51.0-52.0	0.00	619.93	0.00	100.00
5.0-6.0	10.63	34.86	1.71	5.62	52.0-53.0	0.00	619.93	0.00	100.00
6.0-7.0	12.53	47.39	2.02	7.64	53.0-54.0	0.00	619.93	0.00	100.00
7.0-8.0	14.41	61.80	2.32	9.97	54.0-55.0	0.00	619.93	0.00	100.00
8.0-9.0	16.25	78.05	2.62	12.59	55.0-56.0	0.00	619.93	0.00	100.00
9.0-10.0	18.04	96.09	2.91	15.50	56.0-57.0	0.00	619.93	0.00	100.00
10.0-11.0	19.78	115.87	3.19	18.69	57.0-58.0	0.00	619.93	0.00	100.00
11.0-12.0	21.43	137.30	3.46	22.15	58.0-59.0	0.00	619.93	0.00	100.00
12.0-13.0	22.94	160.25	3.70	25.85	59.0-60.0	0.00	619.93	0.00	100.00
13.0-14.0	24.30	184.54	3.92	29.77	60.0-61.0	0.00	619.93	0.00	100.00
14.0-15.0	25.41	209.95	4.10	33.87	61.0-62.0	0.00	619.93	0.00	100.00
15.0-16.0	26.23	236.18	4.23	38.10	62.0-63.0	0.00	619.93	0.00	100.00
16.0-17.0	26.75	262.93	4.32	42.41	63.0-64.0	0.00	619.93	0.00	100.00
17.0-18.0	26.97	289.91	4.35	46.76	64.0-65.0	0.00	619.93	0.00	100.00
18.0-19.0	26.86	316.77	4.33	51.10	65.0-66.0	0.00	619.93	0.00	100.00
19.0-20.0	26.46	343.24	4.27	55.37	66.0-67.0	0.00	619.93	0.00	100.00
20.0-21.0	25.80	369.04	4.16	59.53	67.0-68.0	0.00	619.93	0.00	100.00
21.0-22.0	24.88	393.92	4.01	63.54	68.0-69.0	0.00	619.93	0.00	100.00
22.0-23.0	23.72	417.64	3.83	67.37	69.0-70.0	0.00	619.93	0.00	100.00
23.0-24.0	22.38	440.02	3.61	70.98	70.0-71.0	0.00	619.93	0.00	100.00
24.0-25.0	20.93	460.94	3.38	74.35	71.0-72.0	0.00	619.93	0.00	100.00
25.0-26.0	19.40	480.34	3.13	77.48	72.0-73.0	0.00	619.93	0.00	100.00
26.0-27.0	17.86	498.20	2.88	80.36	73.0-74.0	0.00	619.93	0.00	100.00
27.0-28.0	16.33	514.53	2.63	83.00	74.0-75.0	0.00	619.93	0.00	100.00
28.0-29.0	14.83	529.36	2.39	85.39	75.0-76.0	0.00	619.93	0.00	100.00
29.0-30.0	13.34	542.69	2.15	87.54	76.0-77.0	0.00	619.93	0.00	100.00
30.0-31.0	11.89	554.58	1.92	89.46	77.0-78.0	0.00	619.93	0.00	100.00
31.0-32.0	10.50	565.08	1.69	91.15	78.0-79.0	0.00	619.93	0.00	100.00
32.0-33.0	9.19	574.28	1.48	92.64	79.0-80.0	0.00	619.93	0.00	100.00
33.0-34.0	7.98	582.25	1.29	93.92	80.0-81.0	0.00	619.93	0.00	100.00
34.0-35.0	6.86	589.11	1.11	95.03	81.0-82.0	0.00	619.93	0.00	100.00
35.0-36.0	5.84	594.95	0.94	95.97	82.0-83.0	0.00	619.93	0.00	100.00
36.0-37.0	4.93	599.88	0.80	96.77	83.0-84.0	0.00	619.93	0.00	100.00
37.0-38.0	4.13	604.01	0.67	97.43	84.0-85.0	0.00	619.93	0.00	100.00
38.0-39.0	3.43	607.44	0.55	97.98	85.0-86.0	0.00	619.93	0.00	100.00
39.0-40.0	2.83	610.27	0.46	98.44	86.0-87.0	0.00	619.93	0.00	100.00
40.0-41.0	2.32	612.59	0.37	98.82	87.0-88.0	0.00	619.93	0.00	100.00
41.0-42.0	1.88	614.47	0.30	99.12	88.0-89.0	0.00	619.93	0.00	100.00
42.0-43.0	1.51	615.97	0.24	99.36	89.0-90.0	0.00	619.93	0.00	100.00
43.0-44.0	1.19	617.16	0.19	99.55	90.0-91.0	0.00	619.93	0.00	100.00
44.0-45.0	0.92	618.08	0.15	99.70	91.0-92.0	0.00	619.93	0.00	100.00
45.0-46.0	0.69	618.77	0.11	99.81	92.0-93.0	0.00	619.93	0.00	100.00
46.0-47.0	0.49	619.26	0.08	99.89	93.0-94.0	0.00	619.93	0.00	100.00

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	619.93	0.00	100.00	141.0-142.0	0.00	619.93	0.00	100.00
95.0-96.0	0.00	619.93	0.00	100.00	142.0-143.0	0.00	619.93	0.00	100.00
96.0-97.0	0.00	619.93	0.00	100.00	143.0-144.0	0.00	619.93	0.00	100.00
97.0-98.0	0.00	619.93	0.00	100.00	144.0-145.0	0.00	619.93	0.00	100.00
98.0-99.0	0.00	619.93	0.00	100.00	145.0-146.0	0.00	619.93	0.00	100.00
99.0-100.0	0.00	619.93	0.00	100.00	146.0-147.0	0.00	619.93	0.00	100.00
100.0-101.0	0.00	619.93	0.00	100.00	147.0-148.0	0.00	619.93	0.00	100.00
101.0-102.0	0.00	619.93	0.00	100.00	148.0-149.0	0.00	619.93	0.00	100.00
102.0-103.0	0.00	619.93	0.00	100.00	149.0-150.0	0.00	619.93	0.00	100.00
103.0-104.0	0.00	619.93	0.00	100.00	150.0-151.0	0.00	619.93	0.00	100.00
104.0-105.0	0.00	619.93	0.00	100.00	151.0-152.0	0.00	619.93	0.00	100.00
105.0-106.0	0.00	619.93	0.00	100.00	152.0-153.0	0.00	619.93	0.00	100.00
106.0-107.0	0.00	619.93	0.00	100.00	153.0-154.0	0.00	619.93	0.00	100.00
107.0-108.0	0.00	619.93	0.00	100.00	154.0-155.0	0.00	619.93	0.00	100.00
108.0-109.0	0.00	619.93	0.00	100.00	155.0-156.0	0.00	619.93	0.00	100.00
109.0-110.0	0.00	619.93	0.00	100.00	156.0-157.0	0.00	619.93	0.00	100.00
110.0-111.0	0.00	619.93	0.00	100.00	157.0-158.0	0.00	619.93	0.00	100.00
111.0-112.0	0.00	619.93	0.00	100.00	158.0-159.0	0.00	619.93	0.00	100.00
112.0-113.0	0.00	619.93	0.00	100.00	159.0-160.0	0.00	619.93	0.00	100.00
113.0-114.0	0.00	619.93	0.00	100.00	160.0-161.0	0.00	619.93	0.00	100.00
114.0-115.0	0.00	619.93	0.00	100.00	161.0-162.0	0.00	619.93	0.00	100.00
115.0-116.0	0.00	619.93	0.00	100.00	162.0-163.0	0.00	619.93	0.00	100.00
116.0-117.0	0.00	619.93	0.00	100.00	163.0-164.0	0.00	619.93	0.00	100.00
117.0-118.0	0.00	619.93	0.00	100.00	164.0-165.0	0.00	619.93	0.00	100.00
118.0-119.0	0.00	619.93	0.00	100.00	165.0-166.0	0.00	619.93	0.00	100.00
119.0-120.0	0.00	619.93	0.00	100.00	166.0-167.0	0.00	619.93	0.00	100.00
120.0-121.0	0.00	619.93	0.00	100.00	167.0-168.0	0.00	619.93	0.00	100.00
121.0-122.0	0.00	619.93	0.00	100.00	168.0-169.0	0.00	619.93	0.00	100.00
122.0-123.0	0.00	619.93	0.00	100.00	169.0-170.0	0.00	619.93	0.00	100.00
123.0-124.0	0.00	619.93	0.00	100.00	170.0-171.0	0.00	619.93	0.00	100.00
124.0-125.0	0.00	619.93	0.00	100.00	171.0-172.0	0.00	619.93	0.00	100.00
125.0-126.0	0.00	619.93	0.00	100.00	172.0-173.0	0.00	619.93	0.00	100.00
126.0-127.0	0.00	619.93	0.00	100.00	173.0-174.0	0.00	619.93	0.00	100.00
127.0-128.0	0.00	619.93	0.00	100.00	174.0-175.0	0.00	619.93	0.00	100.00
128.0-129.0	0.00	619.93	0.00	100.00	175.0-176.0	0.00	619.93	0.00	100.00
129.0-130.0	0.00	619.93	0.00	100.00	176.0-177.0	0.00	619.93	0.00	100.00
130.0-131.0	0.00	619.93	0.00	100.00	177.0-178.0	0.00	619.93	0.00	100.00
131.0-132.0	0.00	619.93	0.00	100.00	178.0-179.0	0.00	619.93	0.00	100.00
132.0-133.0	0.00	619.93	0.00	100.00	179.0-180.0	0.00	619.93	0.00	100.00
133.0-134.0	0.00	619.93	0.00	100.00					
134.0-135.0	0.00	619.93	0.00	100.00					
135.0-136.0	0.00	619.93	0.00	100.00					
136.0-137.0	0.00	619.93	0.00	100.00					
137.0-138.0	0.00	619.93	0.00	100.00					
138.0-139.0	0.00	619.93	0.00	100.00					
139.0-140.0	0.00	619.93	0.00	100.00					
140.0-141.0	0.00	619.93	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: 2025/03/18

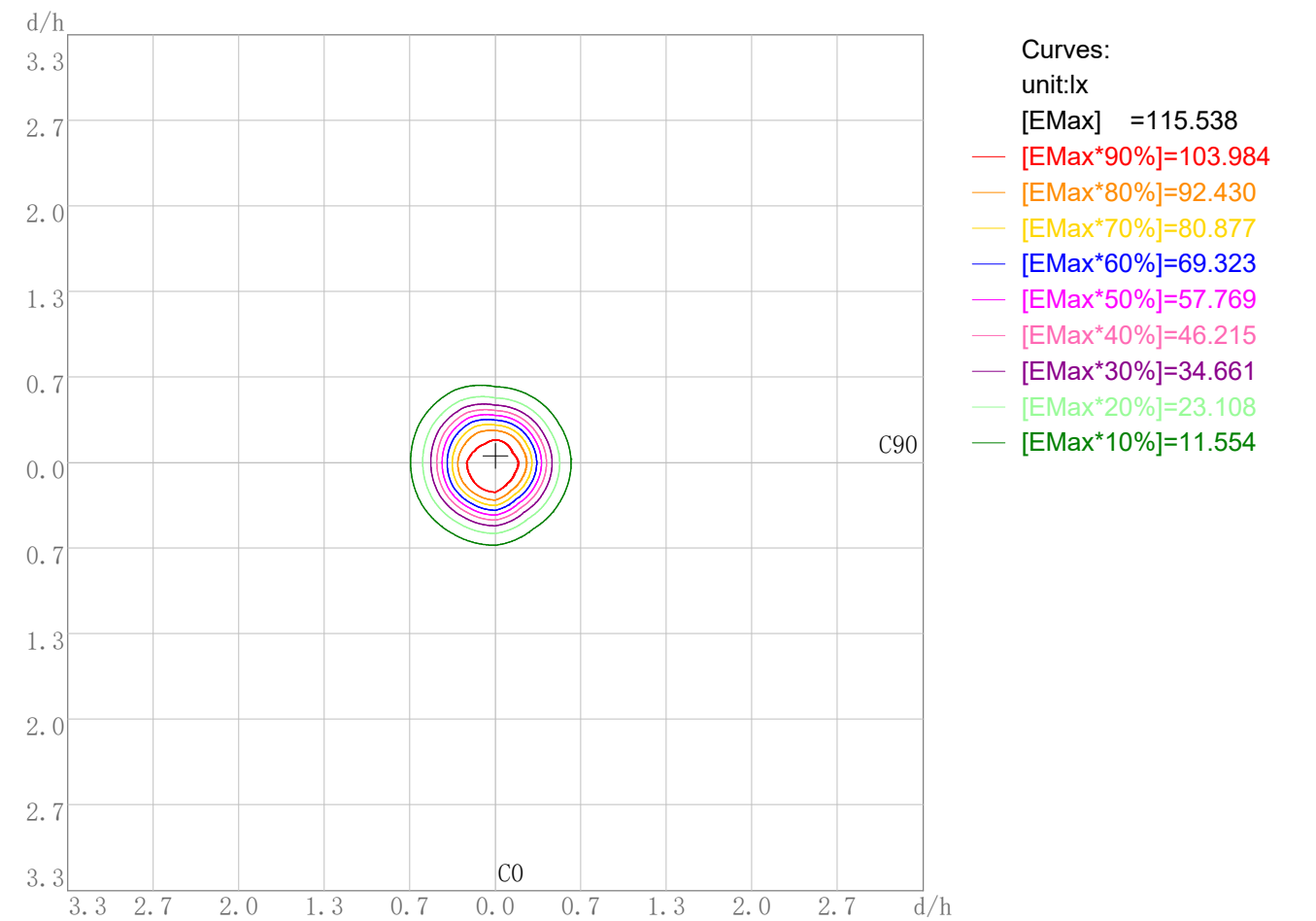


Maximum Light Intensity(cd): 1045.72
Maximum Cand.@Angle: H=-4.0°,V=0.0°

Plane ISO-Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2025/03/18

Plane ISO-Illuminance Curve

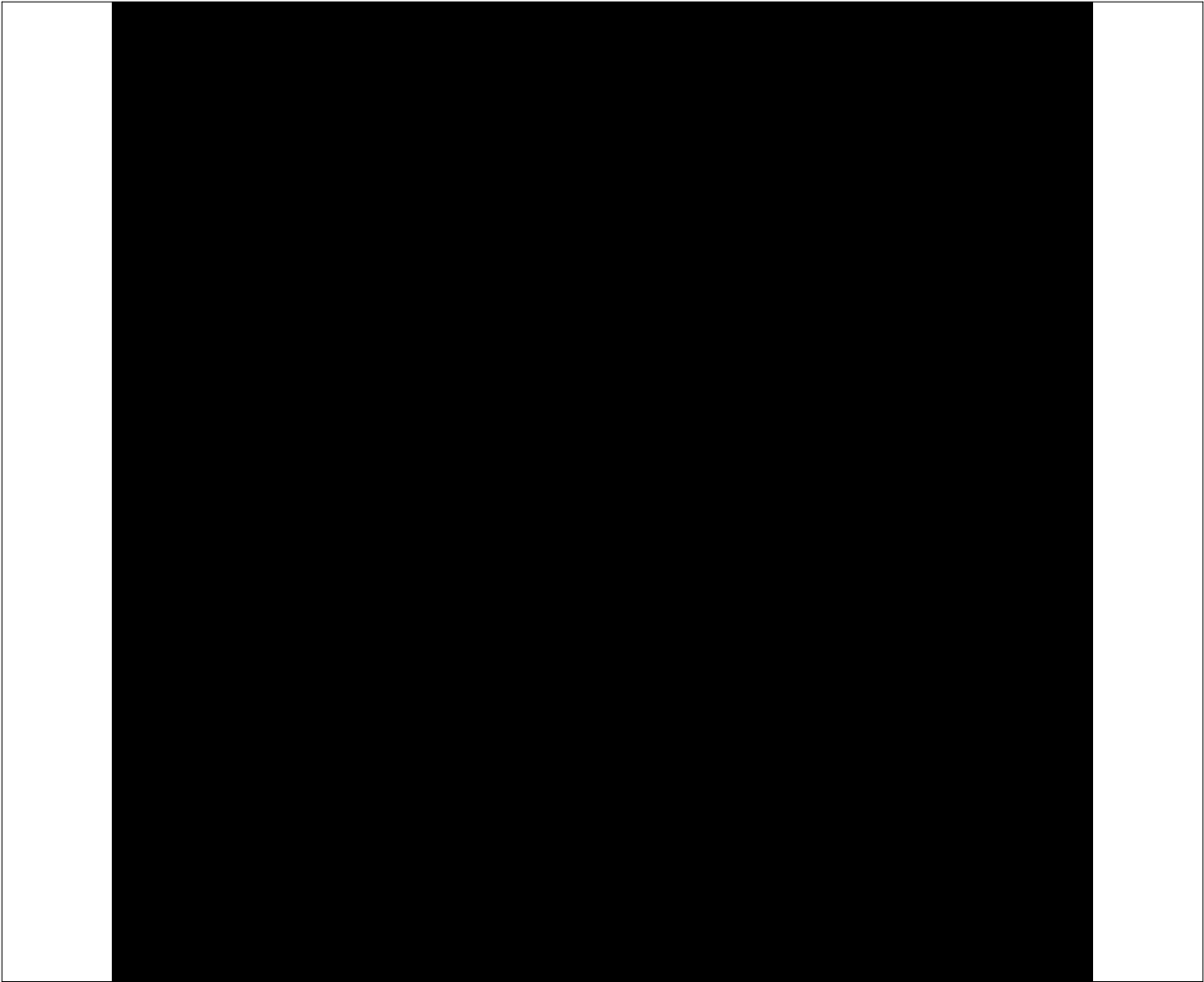


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 115.54
Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.1

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: 2025/03/18

3D Plane Illuminance Modal



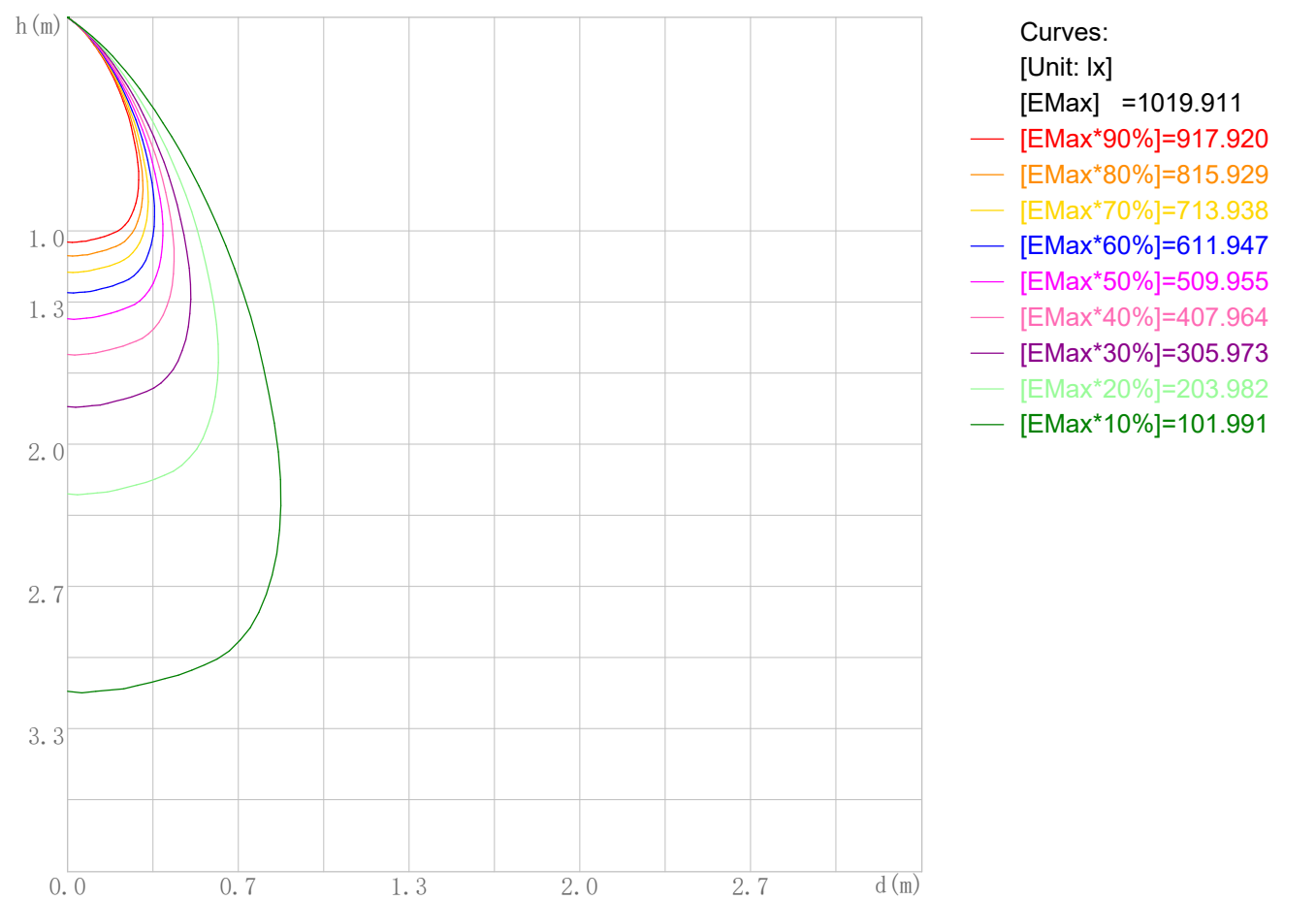
Curves: 3D Model90%80%70%60%50%40%30%20%10%

View Angles(deg): 0Height(m): 3.0Distance(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: 2025/03/18

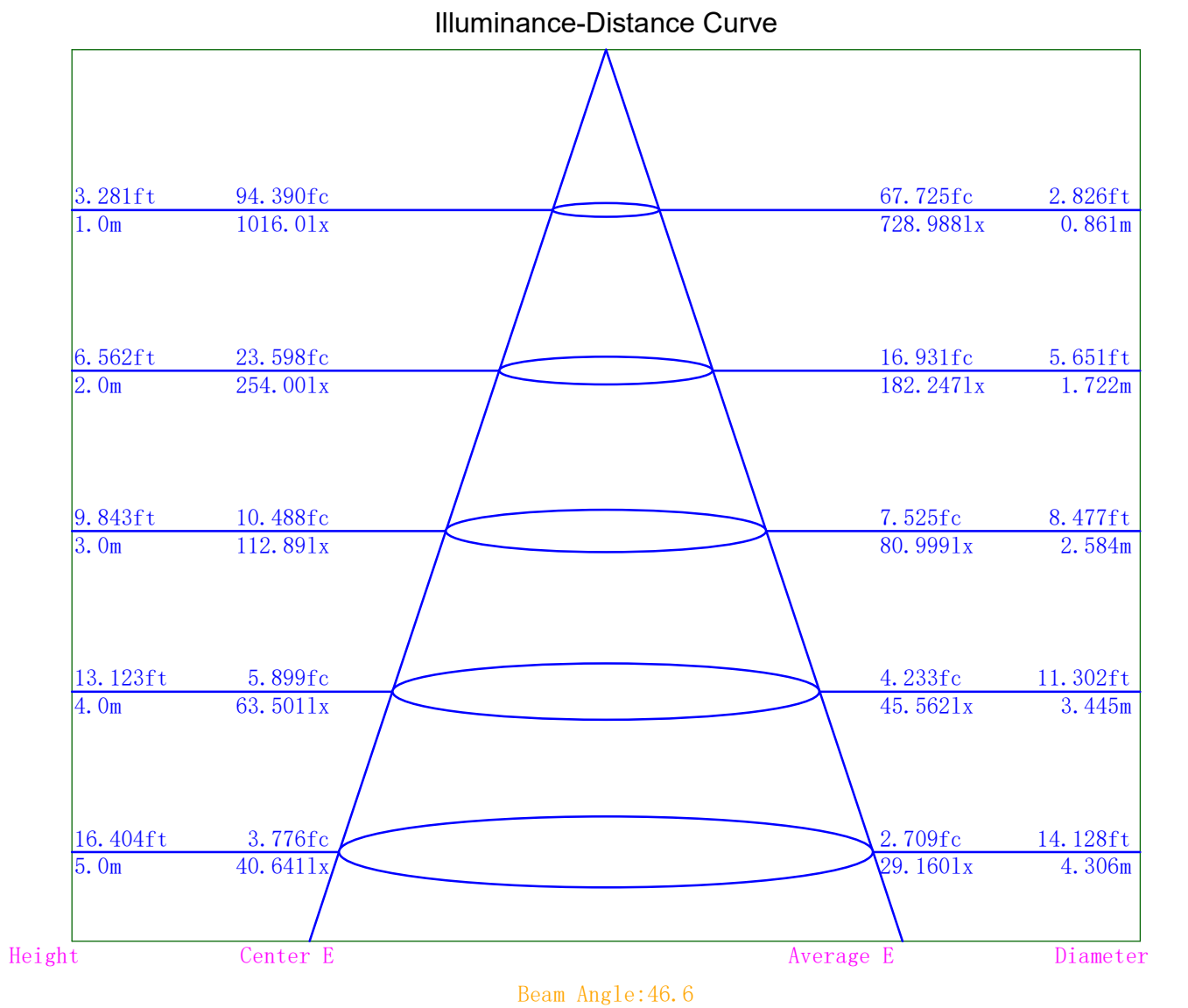
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1019.91lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:1020.377cd,0deg

Illuminance-Distance Diagram

Lum. Name: 55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2025/03/18



Indoor Luminance Limiting Curves

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2025/03/18

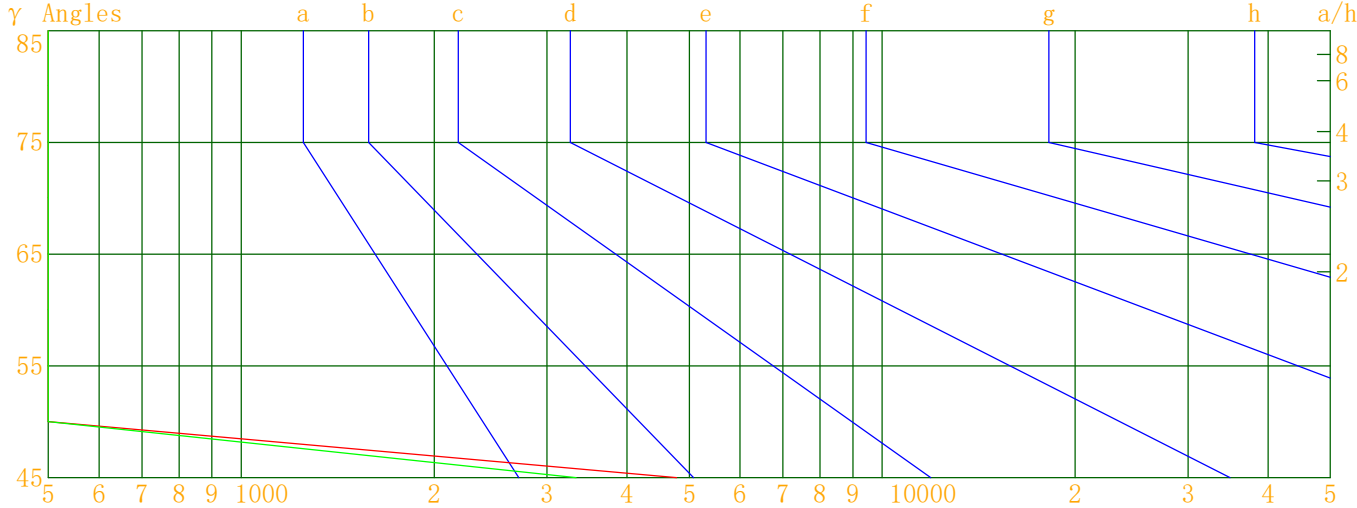
Glare Grade Table

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	4780	0	0	0	0	0	0	0	0
C90	3331	0	0	0	0	0	0	0	0

Luminance Limiting Curve



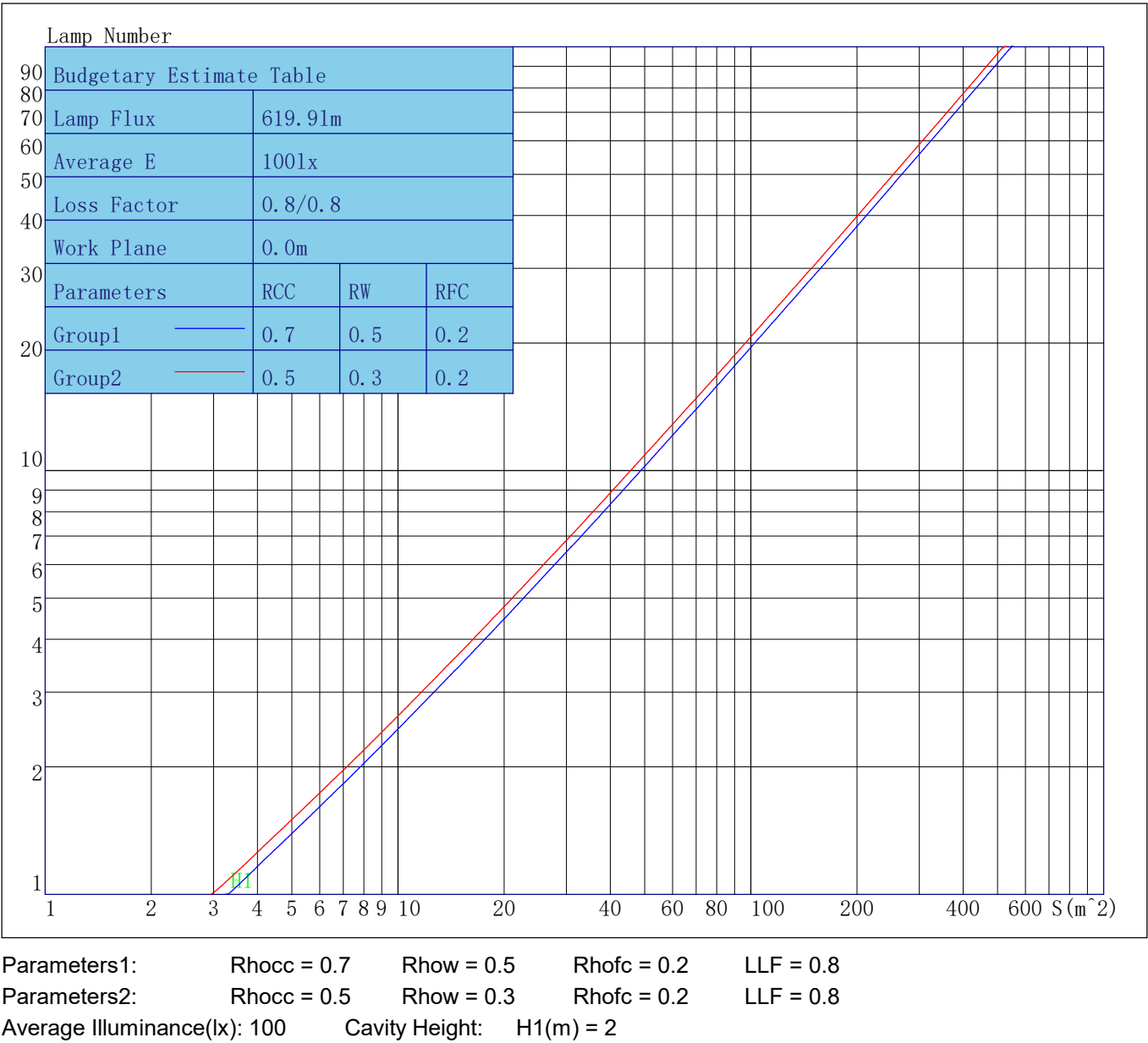
Luminous Size: Length(m)=-0.050 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963

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: 2025/03/18



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: 2025/03/18

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	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95
2	110	105	102	99	107	104	100	98	100	98	96	97	95	94	95	93	92	90
3	105	99	95	92	103	98	94	91	95	92	89	93	90	88	91	89	87	85
4	101	94	89	86	99	93	89	85	91	87	84	89	86	83	87	85	82	81
5	96	89	84	80	95	88	84	80	87	83	79	85	82	79	84	81	78	77
6	92	85	80	76	91	84	79	76	83	78	75	81	78	75	80	77	74	73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	69
8	85	77	72	68	84	76	72	68	75	71	68	74	71	68	74	70	67	66
9	82	74	68	65	81	73	68	65	72	68	65	71	67	64	71	67	64	63
10	79	70	65	62	78	70	65	62	69	65	62	68	64	62	68	64	61	60

Unified Glare Rating Table

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2025/03/18

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	15.1	16.0	15.5	16.3	16.6	13.4	14.3	13.8	14.6	15.0
	14.9	15.7	15.3	16.0	16.4	13.2	14.0	13.6	14.3	14.7
	14.8	15.5	15.2	15.8	16.2	13.1	13.8	13.5	14.2	14.6
	14.7	15.3	15.1	15.7	16.1	13.0	13.6	13.4	14.0	14.4
	14.6	15.2	15.0	15.6	16.0	12.9	13.5	13.4	13.9	14.3
	14.5	15.1	15.0	15.5	15.9	12.9	13.5	13.3	13.8	14.3
X=4H Y=2H	14.8	15.5	15.2	15.8	16.2	13.1	13.8	13.5	14.2	14.6
	14.5	15.1	15.0	15.5	15.9	12.9	13.5	13.3	13.9	14.3
	14.4	14.9	14.9	15.4	15.8	12.7	13.3	13.2	13.7	14.1
	14.3	14.7	14.8	15.2	15.7	12.6	13.1	13.1	13.5	14.0
	14.2	14.6	14.7	15.1	15.6	12.5	13.0	13.0	13.4	13.9
	14.1	14.5	14.6	15.0	15.5	12.5	12.8	13.0	13.3	13.8
X=8H Y=4H	14.2	14.6	14.7	15.1	15.6	12.5	13.0	13.0	13.4	13.9
	14.1	14.4	14.6	14.9	15.4	12.4	12.7	12.9	13.2	13.8
	14.0	14.3	14.5	14.8	15.3	12.3	12.6	12.9	13.2	13.7
	14.0	14.2	14.5	14.7	15.3	12.3	12.5	12.8	13.0	13.6
X=12H Y=4H	14.1	14.5	14.6	15.0	15.5	12.5	12.8	13.0	13.3	13.8
	14.0	14.3	14.5	14.8	15.3	12.3	12.6	12.9	13.1	13.7
	14.0	14.2	14.5	14.7	15.3	12.3	12.5	12.8	13.0	13.6
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-8W-COB-0800-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	1016.02	1016.02	1016.02	1016.02	1016.02	1016.02	1016.02	1016.02	1016.02	1016.02	1016.02	1016.02
γ 1.0	1020.38	1012.53	1007.19	1005.86	1007.82	1008.96	1034.15	1026.84	1018.11	1012.11	1007.91	1003.41
γ 2.0	1017.55	1009.11	1005.00	1004.67	1007.43	1009.13	1040.12	1032.72	1022.78	1013.07	1006.10	998.25
γ 3.0	1016.09	1008.10	1004.09	1006.26	1009.00	1010.77	1044.13	1036.58	1025.44	1012.00	1003.79	993.79
γ 4.0	1015.24	1006.93	999.43	1008.41	1010.38	1013.64	1045.72	1038.41	1026.31	1013.22	1000.68	989.32
γ 5.0	1009.55	1002.19	990.73	1004.18	1006.85	1014.60	1045.48	1038.77	1027.74	1013.84	1000.17	988.19
γ 6.0	1004.66	995.41	983.93	1000.01	1002.07	1014.79	1044.75	1040.52	1030.41	1015.76	1002.53	988.37
γ 7.0	1000.00	990.35	977.62	997.99	995.72	1010.32	1044.58	1042.61	1031.59	1018.67	1004.67	986.46
γ 8.0	995.91	984.81	971.24	993.09	988.03	1006.81	1042.68	1042.09	1031.71	1020.10	1002.28	982.49
γ 9.0	988.55	978.88	966.76	987.32	981.42	998.66	1036.65	1036.89	1027.12	1019.75	995.35	978.23
γ 10.0	982.09	973.25	960.29	980.39	973.88	989.92	1030.28	1031.71	1021.72	1018.76	990.40	973.71
γ 11.0	973.52	965.05	951.05	967.71	962.04	978.66	1025.34	1025.65	1015.96	1015.99	983.71	969.22
γ 12.0	959.07	950.81	933.01	950.14	943.10	960.54	1017.77	1017.19	1009.05	1011.23	974.62	964.03
γ 13.0	937.33	928.30	910.06	925.69	917.73	936.31	1010.31	1008.34	1004.10	1005.37	967.82	957.82
γ 14.0	912.16	901.38	881.08	894.14	885.38	906.23	997.08	993.88	994.77	995.06	958.67	947.88
γ 15.0	878.89	867.43	845.35	856.48	847.28	868.79	975.40	971.38	978.73	977.66	944.21	931.10
γ 16.0	838.66	825.02	802.21	813.27	804.31	824.95	946.15	941.57	955.78	953.08	923.47	909.02
γ 17.0	795.77	780.33	757.22	766.07	757.51	777.63	912.28	905.46	926.82	921.87	896.85	880.68
γ 18.0	747.63	731.62	706.09	715.08	707.70	728.20	871.64	863.94	888.86	883.77	864.96	843.95
γ 19.0	695.70	679.14	653.07	663.05	654.62	676.42	823.30	814.99	845.62	838.71	827.44	803.21
γ 20.0	642.37	625.56	597.88	609.62	602.15	622.19	773.04	764.94	798.70	791.97	787.24	759.22
γ 21.0	586.99	570.78	542.94	555.54	548.95	568.27	721.13	711.62	748.96	741.47	742.96	711.82
γ 22.0	529.98	514.63	487.42	501.06	494.71	513.43	665.57	657.51	695.76	690.31	694.78	661.73
γ 23.0	471.64	457.86	433.46	448.44	443.32	459.09	607.85	602.16	640.37	636.80	645.31	610.00
γ 24.0	417.06	404.95	384.24	399.92	395.87	409.52	549.90	545.94	584.47	582.88	594.77	556.94
γ 25.0	368.20	357.23	338.62	355.34	351.45	363.87	492.63	490.26	527.74	527.76	541.98	501.96
γ 26.0	324.01	313.98	297.03	313.78	310.72	322.05	438.52	437.60	472.23	474.67	489.71	450.43
γ 27.0	283.20	274.97	259.11	275.36	273.09	283.74	388.93	389.48	420.89	425.05	437.95	402.18
γ 28.0	245.50	238.24	224.33	239.77	237.44	247.83	343.91	345.80	374.44	380.29	390.90	358.50
γ 29.0	210.90	204.82	192.48	206.95	203.82	213.78	302.43	304.67	332.15	338.05	346.73	316.73
γ 30.0	179.81	174.89	163.82	177.11	173.04	182.36	263.86	266.00	292.20	298.06	305.60	277.30
γ 31.0	152.42	148.02	138.21	150.14	145.92	154.15	228.52	230.72	255.00	260.07	267.79	240.79
γ 32.0	128.28	124.62	115.98	126.25	122.44	129.74	195.73	198.56	220.56	224.91	232.38	207.06
γ 33.0	107.76	104.34	97.18	105.14	102.13	108.28	166.19	169.49	189.11	192.97	199.38	176.67
γ 34.0	89.72	86.79	80.58	86.53	84.33	89.31	140.29	143.70	160.93	164.24	169.41	149.36
γ 35.0	73.85	71.43	66.17	70.74	68.73	72.98	117.76	120.72	135.70	138.18	142.92	125.18
γ 36.0	60.27	58.51	53.57	57.38	55.22	59.59	98.17	100.88	113.61	115.10	119.79	104.05
γ 37.0	48.85	47.54	42.98	46.20	44.19	48.37	81.35	83.61	94.74	94.62	99.68	85.78
γ 38.0	39.42	38.53	34.44	36.92	35.22	38.98	66.76	68.89	78.05	77.15	81.59	69.89
γ 39.0	31.89	31.18	27.49	29.35	28.15	31.47	54.59	56.43	63.80	62.65	66.24	56.58
γ 40.0	25.42	24.95	21.78	23.01	22.36	25.30	44.53	46.28	51.78	50.57	53.01	45.66
γ 41.0	20.13	19.80	16.98	17.75	17.55	20.24	36.27	37.70	41.48	40.34	41.85	36.72
γ 42.0	15.67	15.39	12.79	13.49	13.58	15.92	29.37	30.61	33.10	31.82	32.85	29.17
γ 43.0	12.04	11.77	9.48	10.01	10.33	12.49	23.65	24.57	26.16	24.87	25.64	22.94
γ 44.0	9.18	8.70	6.59	7.07	7.55	9.66	19.01	19.45	20.33	19.13	19.95	17.90
γ 45.0	6.64	6.10	4.14	4.63	5.28	7.15	15.06	15.09	15.53	14.40	15.32	13.61
γ 46.0	4.44	4.00	2.08	2.52	3.32	4.99	11.70	11.51	11.63	10.67	11.57	10.24

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	2. 65	1. 99	0. 22	0. 75	1. 53	3. 03	8. 86	8. 46	8. 47	7. 57	8. 51	7. 44
γ 48. 0	0. 92	0. 25	0. 00	0. 00	0. 00	1. 23	6. 34	5. 95	5. 75	4. 90	5. 94	5. 05
γ 49. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	4. 21	3. 73	3. 43	2. 72	3. 89	3. 06
γ 50. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	2. 31	1. 85	1. 36	0. 70	1. 88	1. 26
γ 51. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 52	0. 05	0. 00	0. 00	0. 23	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

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