

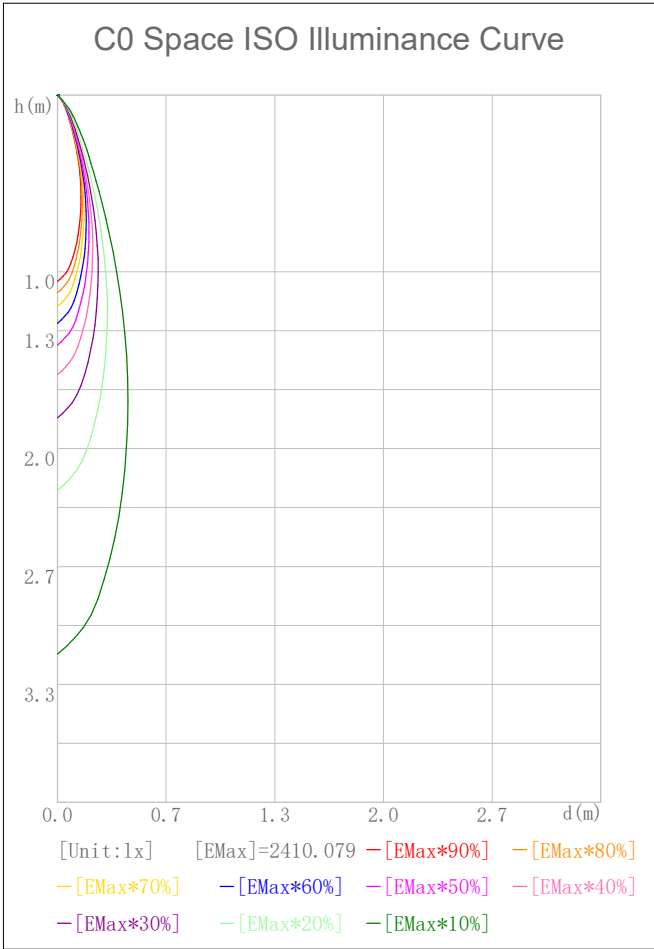
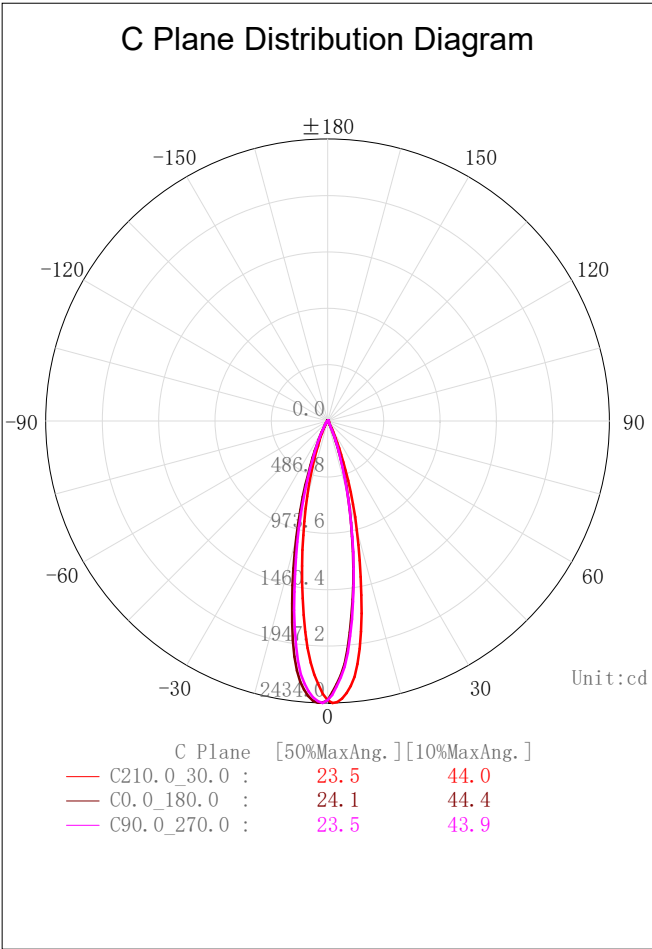
Indoor Luminaire Photometric Data

Description Information

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

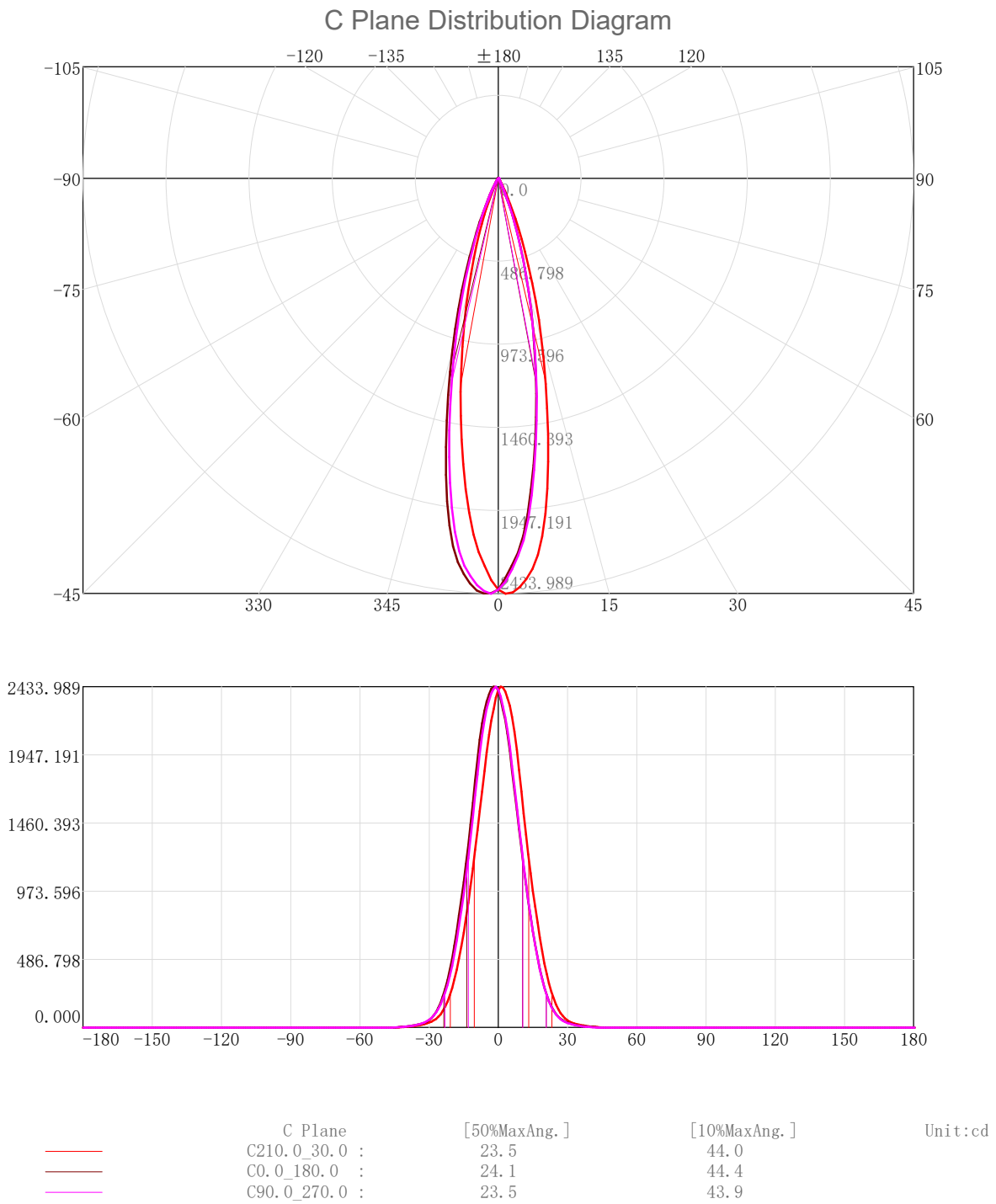
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 496.490	Luminary Flux(lm): 496.489	Field Angle(10%Imax): 44.0(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 496.489lm 100.00%	
Rated Voltage(V):	Luminary EER(lm/W): 65.353	Up Lumens&Percent: 0.000lm 0.00%	
Tested Power(W): 7.597	Max. Candela(cd): 2433.989	S/MH: C0_a180=0.410 C90_270=0.401	
Lamps' Inside: 1	Max Cand@Ang. (°): C=210.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):229.9, 0.034, 0.969		ErP Φuse(90°): 496.958lm	
Lamp Size(W*L*H):0.050m*-0.050m*0.000m		IRF(%): 1055.267	
		Beam Angle(50%Imax): 23.5(°)	
		Left=-10.4°, Right=13.1°	



2D Plane Light Intensity Distribution Curve

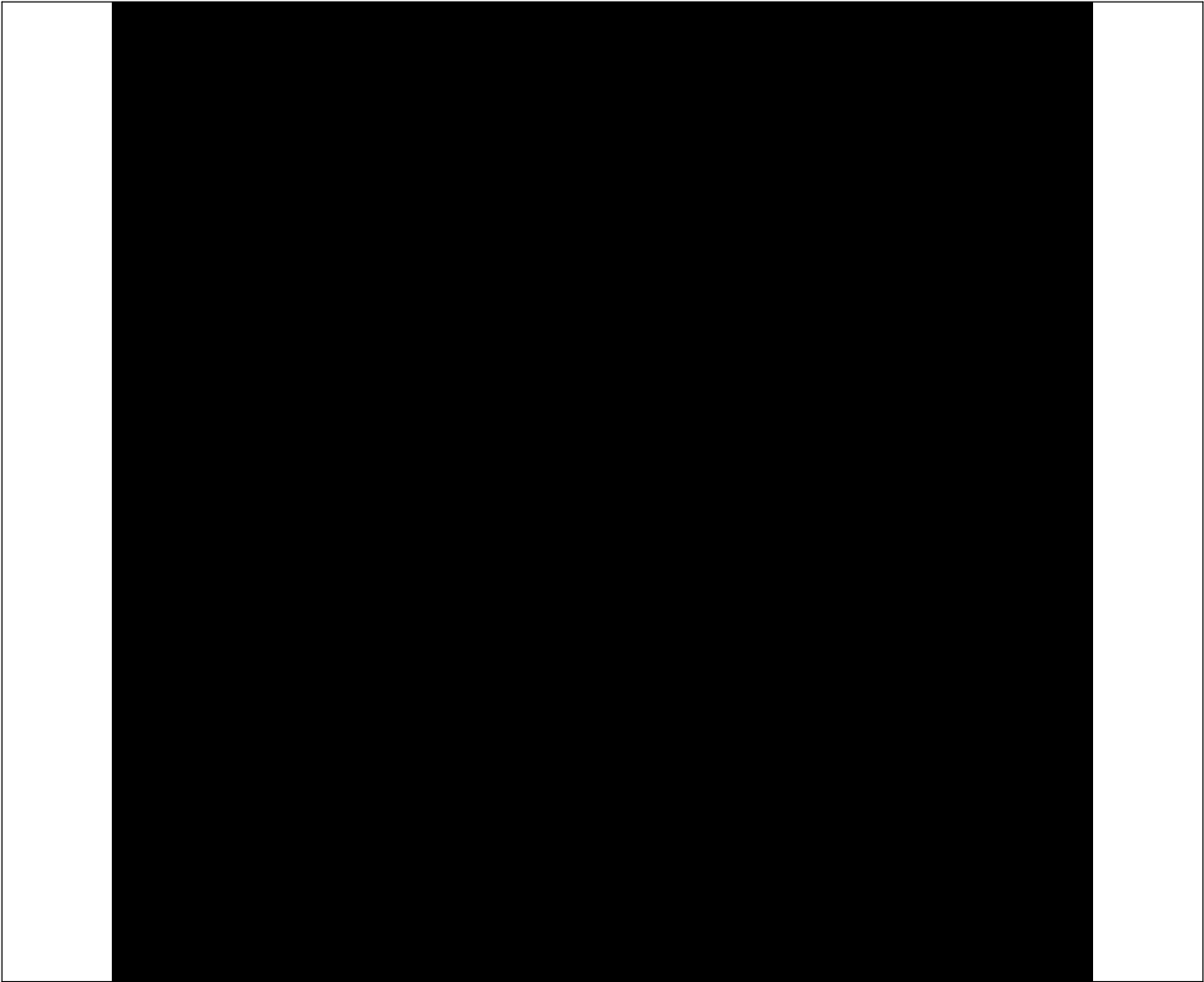
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2025/03/18



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-15D-3000K.IES

Zonal Flux Tabulation

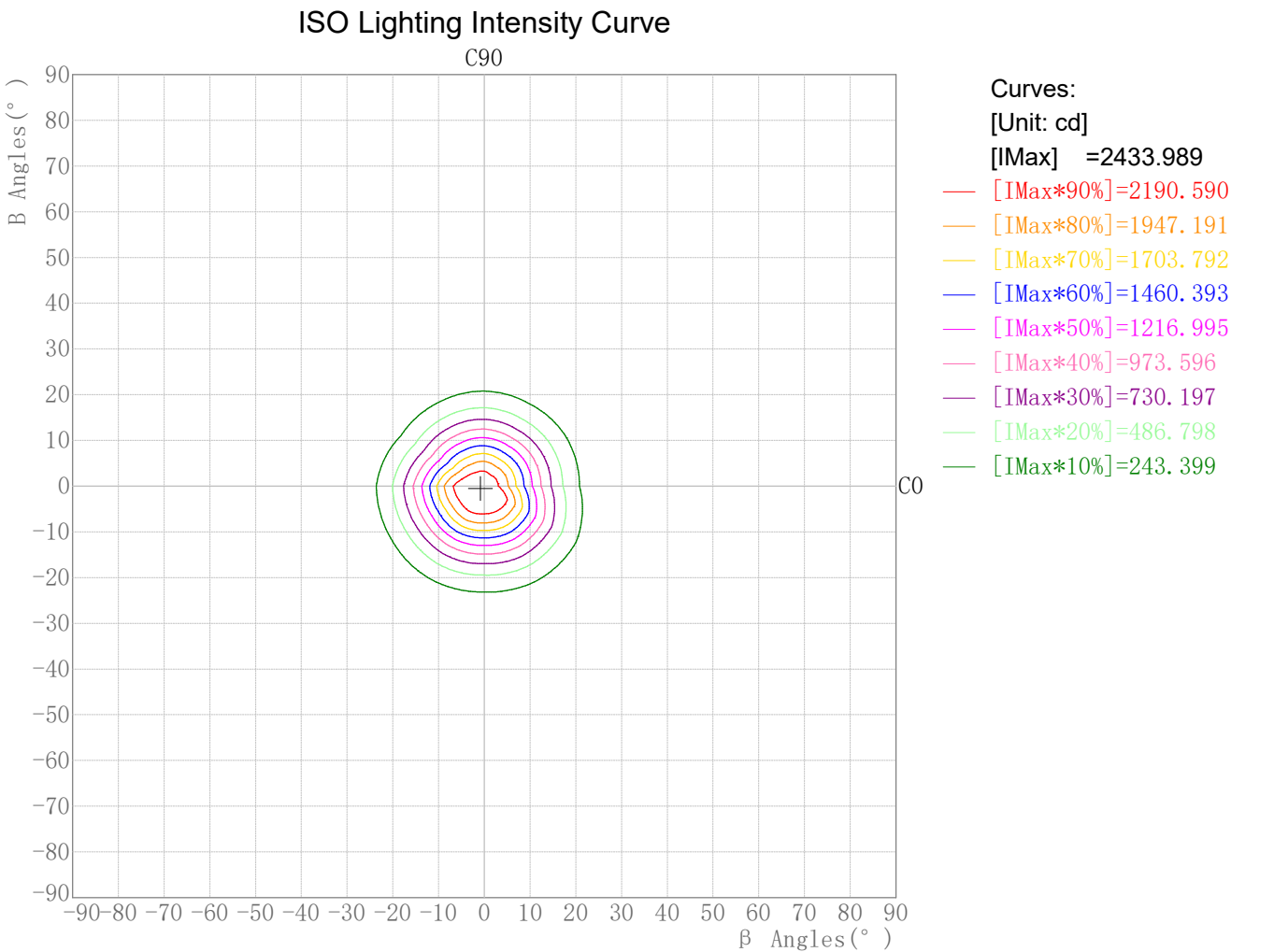
Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	2.30	2.30	0.46	0.46	47.0-48.0	0.00	496.49	0.00	100.00
1.0-2.0	6.83	9.13	1.38	1.84	48.0-49.0	0.00	496.49	0.00	100.00
2.0-3.0	11.16	20.29	2.25	4.09	49.0-50.0	0.00	496.49	0.00	100.00
3.0-4.0	15.21	35.50	3.06	7.15	50.0-51.0	0.00	496.49	0.00	100.00
4.0-5.0	18.87	54.37	3.80	10.95	51.0-52.0	0.00	496.49	0.00	100.00
5.0-6.0	22.03	76.39	4.44	15.39	52.0-53.0	0.00	496.49	0.00	100.00
6.0-7.0	24.58	100.97	4.95	20.34	53.0-54.0	0.00	496.49	0.00	100.00
7.0-8.0	26.47	127.44	5.33	25.67	54.0-55.0	0.00	496.49	0.00	100.00
8.0-9.0	27.73	155.18	5.59	31.25	55.0-56.0	0.00	496.49	0.00	100.00
9.0-10.0	28.39	183.56	5.72	36.97	56.0-57.0	0.00	496.49	0.00	100.00
10.0-11.0	28.46	212.02	5.73	42.70	57.0-58.0	0.00	496.49	0.00	100.00
11.0-12.0	28.03	240.05	5.65	48.35	58.0-59.0	0.00	496.49	0.00	100.00
12.0-13.0	27.21	267.26	5.48	53.83	59.0-60.0	0.00	496.49	0.00	100.00
13.0-14.0	26.08	293.34	5.25	59.08	60.0-61.0	0.00	496.49	0.00	100.00
14.0-15.0	24.69	318.03	4.97	64.06	61.0-62.0	0.00	496.49	0.00	100.00
15.0-16.0	23.07	341.10	4.65	68.70	62.0-63.0	0.00	496.49	0.00	100.00
16.0-17.0	21.22	362.32	4.27	72.98	63.0-64.0	0.00	496.49	0.00	100.00
17.0-18.0	19.23	381.54	3.87	76.85	64.0-65.0	0.00	496.49	0.00	100.00
18.0-19.0	17.16	398.71	3.46	80.30	65.0-66.0	0.00	496.49	0.00	100.00
19.0-20.0	15.11	413.81	3.04	83.35	66.0-67.0	0.00	496.49	0.00	100.00
20.0-21.0	13.16	426.97	2.65	86.00	67.0-68.0	0.00	496.49	0.00	100.00
21.0-22.0	11.35	438.32	2.29	88.28	68.0-69.0	0.00	496.49	0.00	100.00
22.0-23.0	9.67	447.98	1.95	90.23	69.0-70.0	0.00	496.49	0.00	100.00
23.0-24.0	8.13	456.12	1.64	91.87	70.0-71.0	0.00	496.49	0.00	100.00
24.0-25.0	6.79	462.90	1.37	93.24	71.0-72.0	0.00	496.49	0.00	100.00
25.0-26.0	5.63	468.53	1.13	94.37	72.0-73.0	0.00	496.49	0.00	100.00
26.0-27.0	4.66	473.19	0.94	95.31	73.0-74.0	0.00	496.49	0.00	100.00
27.0-28.0	3.87	477.06	0.78	96.09	74.0-75.0	0.00	496.49	0.00	100.00
28.0-29.0	3.22	480.28	0.65	96.74	75.0-76.0	0.00	496.49	0.00	100.00
29.0-30.0	2.70	482.98	0.54	97.28	76.0-77.0	0.00	496.49	0.00	100.00
30.0-31.0	2.28	485.27	0.46	97.74	77.0-78.0	0.00	496.49	0.00	100.00
31.0-32.0	1.94	487.20	0.39	98.13	78.0-79.0	0.00	496.49	0.00	100.00
32.0-33.0	1.65	488.85	0.33	98.46	79.0-80.0	0.00	496.49	0.00	100.00
33.0-34.0	1.41	490.26	0.28	98.74	80.0-81.0	0.00	496.49	0.00	100.00
34.0-35.0	1.20	491.45	0.24	98.99	81.0-82.0	0.00	496.49	0.00	100.00
35.0-36.0	1.01	492.47	0.20	99.19	82.0-83.0	0.00	496.49	0.00	100.00
36.0-37.0	0.86	493.33	0.17	99.36	83.0-84.0	0.00	496.49	0.00	100.00
37.0-38.0	0.73	494.05	0.15	99.51	84.0-85.0	0.00	496.49	0.00	100.00
38.0-39.0	0.61	494.66	0.12	99.63	85.0-86.0	0.00	496.49	0.00	100.00
39.0-40.0	0.51	495.17	0.10	99.73	86.0-87.0	0.00	496.49	0.00	100.00
40.0-41.0	0.42	495.59	0.08	99.82	87.0-88.0	0.00	496.49	0.00	100.00
41.0-42.0	0.33	495.92	0.07	99.88	88.0-89.0	0.00	496.49	0.00	100.00
42.0-43.0	0.24	496.16	0.05	99.93	89.0-90.0	0.00	496.49	0.00	100.00
43.0-44.0	0.17	496.33	0.03	99.97	90.0-91.0	0.00	496.49	0.00	100.00
44.0-45.0	0.10	496.42	0.02	99.99	91.0-92.0	0.00	496.49	0.00	100.00
45.0-46.0	0.05	496.47	0.01	100.00	92.0-93.0	0.00	496.49	0.00	100.00
46.0-47.0	0.02	496.49	0.00	100.00	93.0-94.0	0.00	496.49	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	496.49	0.00	100.00	141.0-142.0	0.00	496.49	0.00	100.00
95.0-96.0	0.00	496.49	0.00	100.00	142.0-143.0	0.00	496.49	0.00	100.00
96.0-97.0	0.00	496.49	0.00	100.00	143.0-144.0	0.00	496.49	0.00	100.00
97.0-98.0	0.00	496.49	0.00	100.00	144.0-145.0	0.00	496.49	0.00	100.00
98.0-99.0	0.00	496.49	0.00	100.00	145.0-146.0	0.00	496.49	0.00	100.00
99.0-100.0	0.00	496.49	0.00	100.00	146.0-147.0	0.00	496.49	0.00	100.00
100.0-101.0	0.00	496.49	0.00	100.00	147.0-148.0	0.00	496.49	0.00	100.00
101.0-102.0	0.00	496.49	0.00	100.00	148.0-149.0	0.00	496.49	0.00	100.00
102.0-103.0	0.00	496.49	0.00	100.00	149.0-150.0	0.00	496.49	0.00	100.00
103.0-104.0	0.00	496.49	0.00	100.00	150.0-151.0	0.00	496.49	0.00	100.00
104.0-105.0	0.00	496.49	0.00	100.00	151.0-152.0	0.00	496.49	0.00	100.00
105.0-106.0	0.00	496.49	0.00	100.00	152.0-153.0	0.00	496.49	0.00	100.00
106.0-107.0	0.00	496.49	0.00	100.00	153.0-154.0	0.00	496.49	0.00	100.00
107.0-108.0	0.00	496.49	0.00	100.00	154.0-155.0	0.00	496.49	0.00	100.00
108.0-109.0	0.00	496.49	0.00	100.00	155.0-156.0	0.00	496.49	0.00	100.00
109.0-110.0	0.00	496.49	0.00	100.00	156.0-157.0	0.00	496.49	0.00	100.00
110.0-111.0	0.00	496.49	0.00	100.00	157.0-158.0	0.00	496.49	0.00	100.00
111.0-112.0	0.00	496.49	0.00	100.00	158.0-159.0	0.00	496.49	0.00	100.00
112.0-113.0	0.00	496.49	0.00	100.00	159.0-160.0	0.00	496.49	0.00	100.00
113.0-114.0	0.00	496.49	0.00	100.00	160.0-161.0	0.00	496.49	0.00	100.00
114.0-115.0	0.00	496.49	0.00	100.00	161.0-162.0	0.00	496.49	0.00	100.00
115.0-116.0	0.00	496.49	0.00	100.00	162.0-163.0	0.00	496.49	0.00	100.00
116.0-117.0	0.00	496.49	0.00	100.00	163.0-164.0	0.00	496.49	0.00	100.00
117.0-118.0	0.00	496.49	0.00	100.00	164.0-165.0	0.00	496.49	0.00	100.00
118.0-119.0	0.00	496.49	0.00	100.00	165.0-166.0	0.00	496.49	0.00	100.00
119.0-120.0	0.00	496.49	0.00	100.00	166.0-167.0	0.00	496.49	0.00	100.00
120.0-121.0	0.00	496.49	0.00	100.00	167.0-168.0	0.00	496.49	0.00	100.00
121.0-122.0	0.00	496.49	0.00	100.00	168.0-169.0	0.00	496.49	0.00	100.00
122.0-123.0	0.00	496.49	0.00	100.00	169.0-170.0	0.00	496.49	0.00	100.00
123.0-124.0	0.00	496.49	0.00	100.00	170.0-171.0	0.00	496.49	0.00	100.00
124.0-125.0	0.00	496.49	0.00	100.00	171.0-172.0	0.00	496.49	0.00	100.00
125.0-126.0	0.00	496.49	0.00	100.00	172.0-173.0	0.00	496.49	0.00	100.00
126.0-127.0	0.00	496.49	0.00	100.00	173.0-174.0	0.00	496.49	0.00	100.00
127.0-128.0	0.00	496.49	0.00	100.00	174.0-175.0	0.00	496.49	0.00	100.00
128.0-129.0	0.00	496.49	0.00	100.00	175.0-176.0	0.00	496.49	0.00	100.00
129.0-130.0	0.00	496.49	0.00	100.00	176.0-177.0	0.00	496.49	0.00	100.00
130.0-131.0	0.00	496.49	0.00	100.00	177.0-178.0	0.00	496.49	0.00	100.00
131.0-132.0	0.00	496.49	0.00	100.00	178.0-179.0	0.00	496.49	0.00	100.00
132.0-133.0	0.00	496.49	0.00	100.00	179.0-180.0	0.00	496.49	0.00	100.00
133.0-134.0	0.00	496.49	0.00	100.00					
134.0-135.0	0.00	496.49	0.00	100.00					
135.0-136.0	0.00	496.49	0.00	100.00					
136.0-137.0	0.00	496.49	0.00	100.00					
137.0-138.0	0.00	496.49	0.00	100.00					
138.0-139.0	0.00	496.49	0.00	100.00					
139.0-140.0	0.00	496.49	0.00	100.00					
140.0-141.0	0.00	496.49	0.00	100.00					

Rectangle ISO Lighting Intensity Diagram

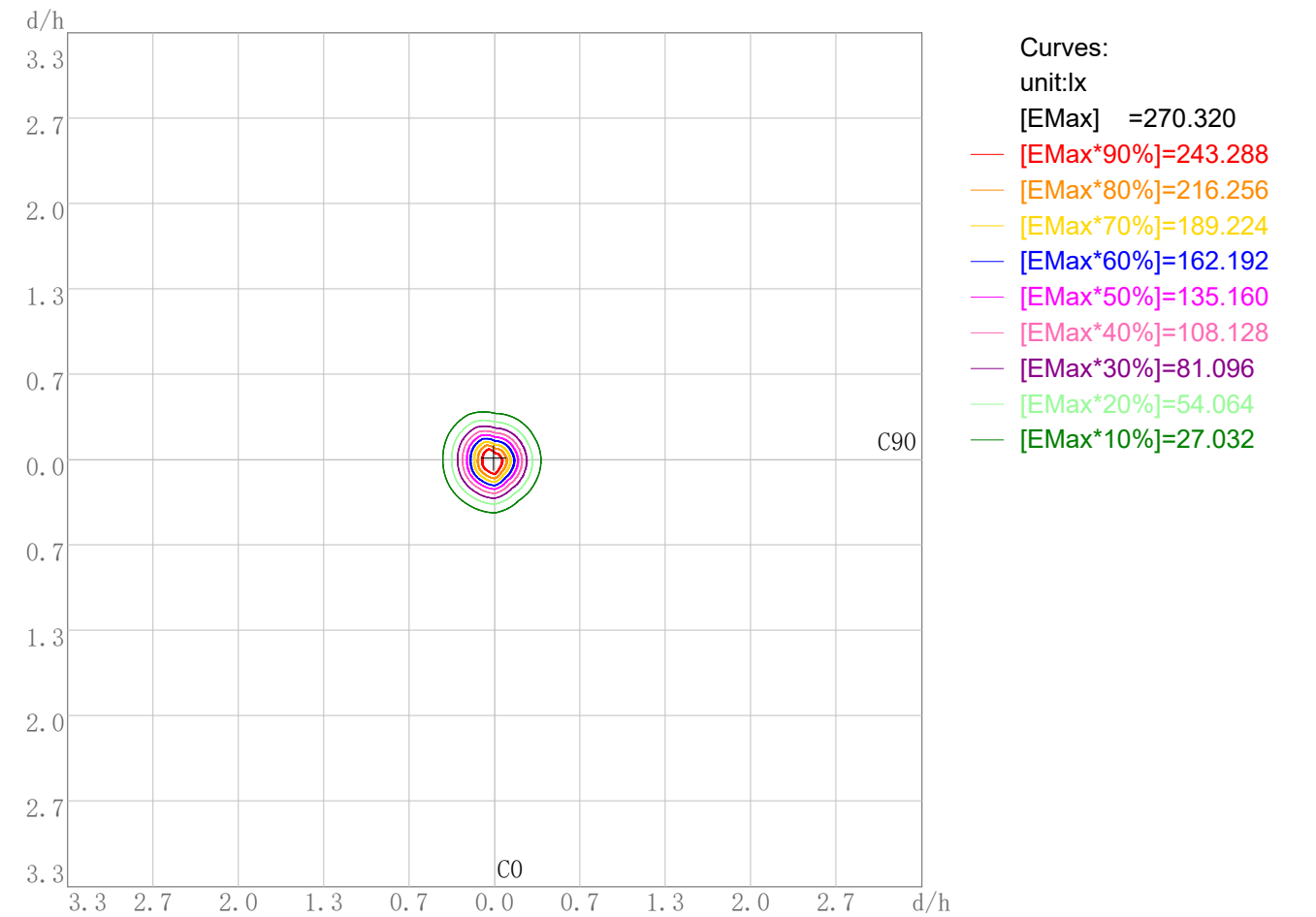
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2025/03/18



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

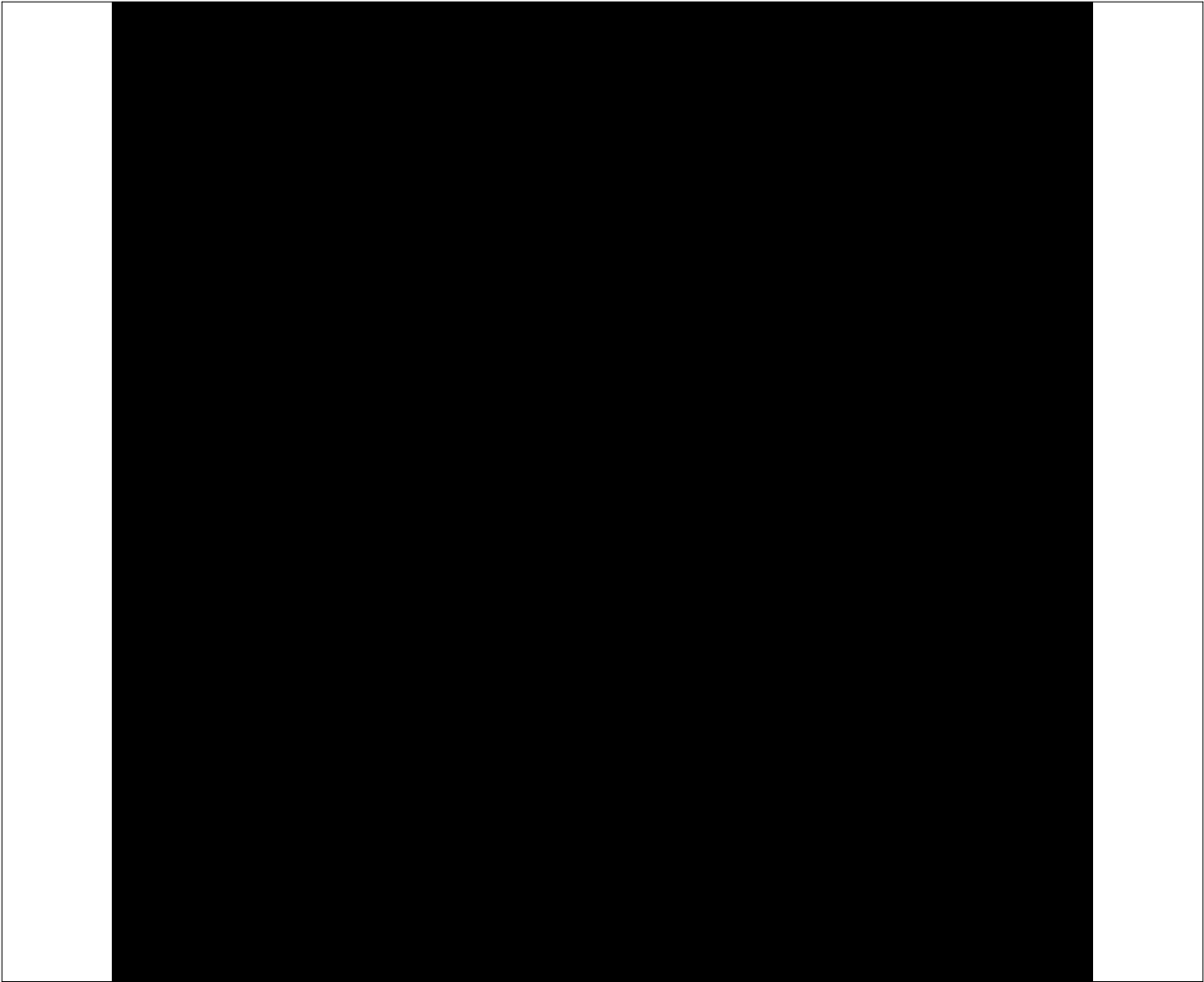


Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 270.32  
Working Plane Maximum Illuminance Position(d/h):H-0.0 V-0.0

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: 2025/03/18

3D Plane Illuminance Modal



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

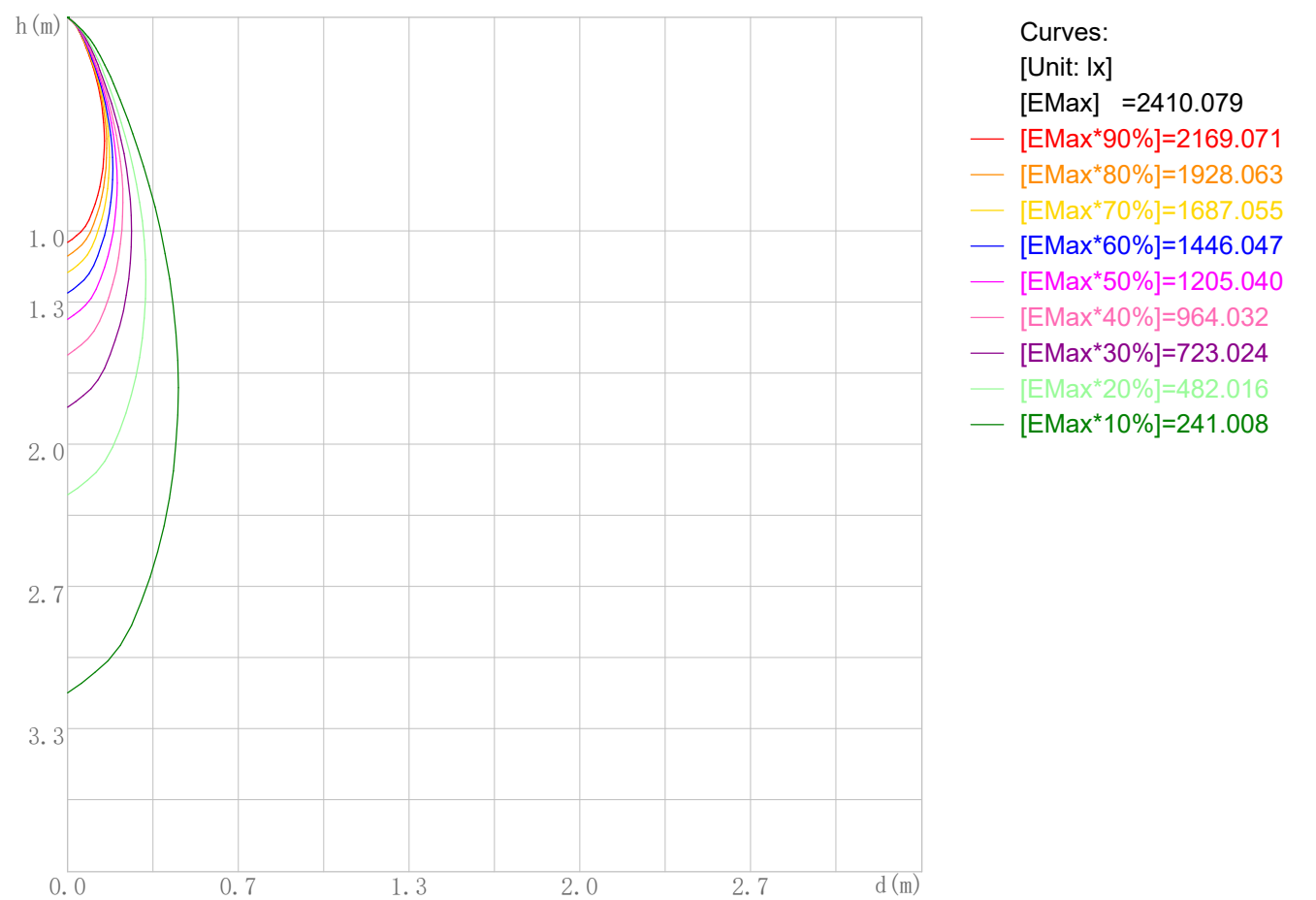
View Angles(deg): 0    Height(m): 3.0    Distance(m): 10.0



Space ISO Illuminance Diagram

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

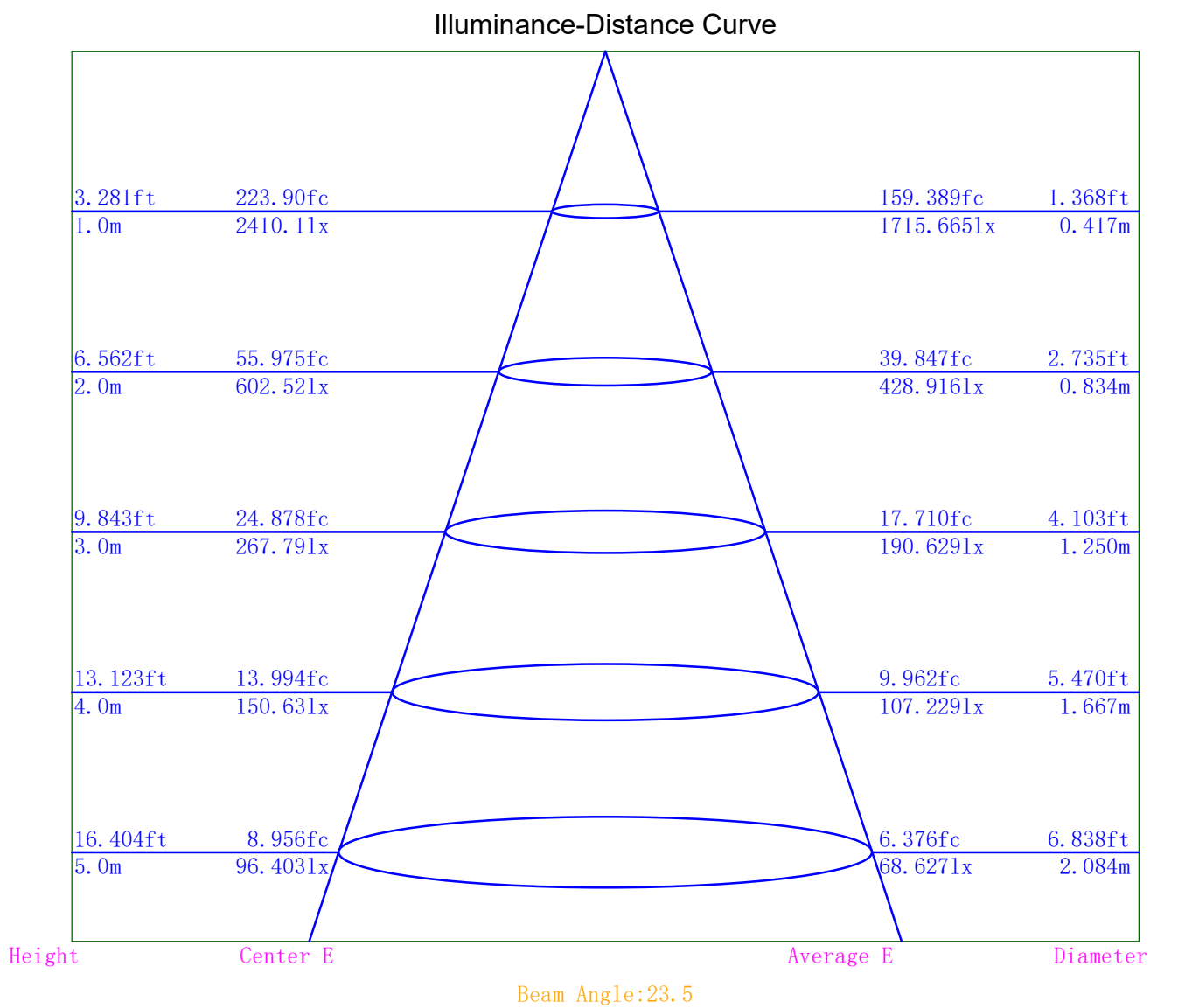
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:2410.08lx,0.0deg  
Plane Maximum Lighting Intensity and @Angle:2410.079cd,0eg

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

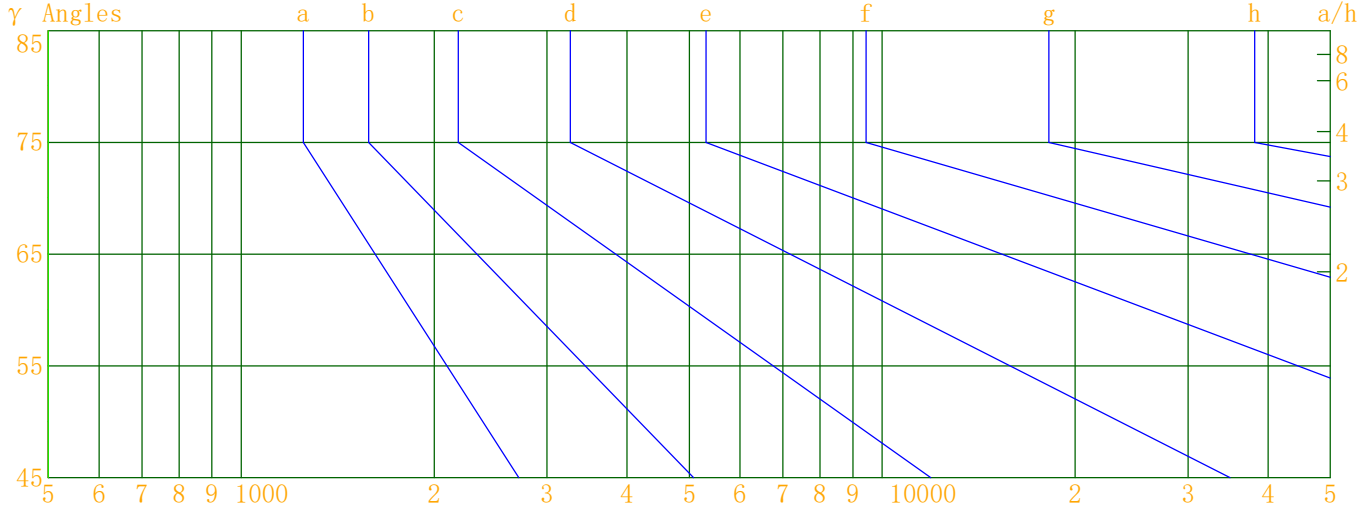
Glare Grade Table

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	347	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

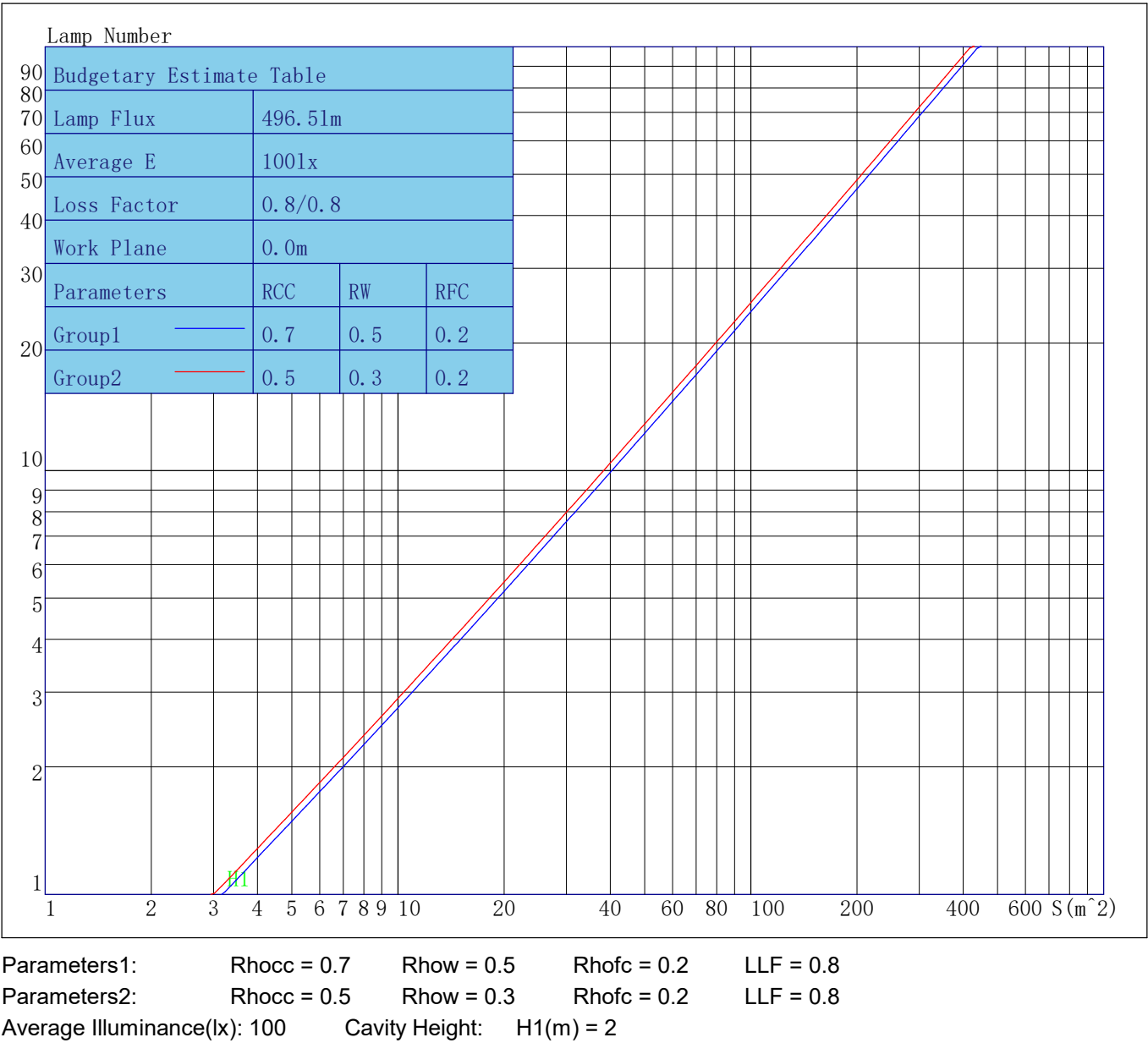
Luminance Limiting Curve



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: 2025/03/18



Indoor Coefficient of Utilization Table

Lum. Name: 55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catalog:	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			
RhoW (%)	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30
RCR	Coefficient of Utilization(%)															
0	119	119	119	119	116	116	116	116	111	111	111	111	106	106	106	102
1	115	113	111	110	113	111	109	108	107	106	105	105	103	102	102	100
2	112	108	105	103	110	106	104	102	103	101	99	99	100	99	97	98
3	108	104	100	98	106	102	99	97	100	97	95	95	98	96	94	96
4	105	100	96	93	104	99	95	93	97	94	92	92	95	93	91	93
5	102	96	93	90	101	96	92	89	94	91	88	88	93	90	88	91
6	99	93	89	86	98	93	89	86	91	88	86	86	90	87	85	89
7	97	91	87	84	96	90	86	84	89	86	83	83	88	85	83	87
8	94	88	84	81	93	87	84	81	87	83	81	81	86	83	80	85
9	92	85	82	79	91	85	81	79	84	81	79	79	84	81	78	83
10	90	83	79	77	89	83	79	77	82	79	77	77	82	79	76	81

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	4.3	5.2	4.7	5.5	5.8	2.5	3.4	2.9	3.7	4.0
	4.1	4.9	4.5	5.2	5.6	2.3	3.1	2.7	3.4	3.8
	4.0	4.7	4.4	5.1	5.5	2.2	2.9	2.6	3.3	3.7
	3.9	4.5	4.3	4.9	5.3	2.1	2.7	2.5	3.1	3.5
	3.8	4.4	4.3	4.8	5.2	2.0	2.6	2.5	3.0	3.4
	3.8	4.3	4.2	4.7	5.1	2.0	2.5	2.4	2.9	3.3
X=4H    Y=2H	4.0	4.7	4.4	5.1	5.5	2.2	2.9	2.6	3.3	3.7
	3.8	4.3	4.2	4.8	5.2	2.0	2.5	2.4	3.0	3.4
	3.6	4.1	4.1	4.6	5.0	1.8	2.4	2.3	2.8	3.2
	3.5	3.9	4.0	4.4	4.9	1.7	2.2	2.2	2.6	3.1
	3.4	3.8	3.9	4.3	4.8	1.6	2.0	2.1	2.5	3.0
	3.4	3.7	3.9	4.2	4.7	1.6	1.9	2.1	2.4	2.9
X=8H    Y=4H	3.4	3.8	3.9	4.3	4.8	1.6	2.0	2.1	2.5	3.0
	3.3	3.6	3.8	4.1	4.6	1.5	1.8	2.0	2.3	2.8
	3.2	3.5	3.8	4.0	4.5	1.4	1.7	2.0	2.2	2.7
	3.2	3.4	3.7	3.9	4.5	1.4	1.6	1.9	2.1	2.7
X=12H    Y=4H	3.4	3.7	3.9	4.2	4.7	1.6	1.9	2.1	2.4	2.9
	3.2	3.5	3.8	4.0	4.5	1.4	1.7	2.0	2.2	2.7
	3.2	3.4	3.7	3.9	4.5	1.4	1.6	1.9	2.1	2.7
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	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-8W-COB-0800-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	2410. 08	2410. 08	2410. 08	2410. 08	2410. 08	2410. 08	2410. 08	2410. 08	2410. 08	2410. 08	2410. 08	2410. 08
γ 1. 0	2343. 36	2355. 82	2345. 33	2364. 77	2369. 62	2400. 95	2430. 77	2433. 99	2431. 72	2433. 60	2433. 24	2433. 70
γ 2. 0	2271. 26	2274. 65	2259. 94	2292. 81	2306. 01	2350. 86	2433. 23	2427. 55	2426. 53	2419. 41	2422. 10	2417. 22
γ 3. 0	2196. 54	2192. 26	2172. 29	2215. 13	2233. 77	2294. 86	2418. 33	2398. 76	2397. 24	2386. 30	2395. 45	2382. 26
γ 4. 0	2098. 58	2091. 28	2070. 33	2126. 96	2141. 71	2221. 11	2379. 58	2353. 90	2353. 36	2336. 94	2344. 39	2326. 68
γ 5. 0	1976. 14	1966. 16	1944. 40	2007. 56	2023. 01	2118. 26	2327. 85	2297. 52	2304. 46	2277. 71	2282. 65	2266. 02
γ 6. 0	1834. 53	1831. 02	1808. 30	1867. 16	1881. 55	1984. 99	2261. 90	2219. 38	2232. 86	2196. 26	2204. 54	2183. 57
γ 7. 0	1692. 84	1686. 04	1663. 05	1722. 61	1740. 88	1838. 19	2171. 93	2112. 74	2132. 64	2086. 00	2097. 47	2065. 45
γ 8. 0	1554. 80	1545. 84	1521. 49	1578. 17	1599. 76	1688. 25	2054. 12	1984. 40	2003. 22	1952. 83	1968. 61	1925. 60
γ 9. 0	1417. 44	1408. 15	1385. 39	1437. 33	1460. 14	1538. 10	1915. 69	1840. 38	1859. 71	1807. 31	1830. 53	1785. 63
γ 10. 0	1280. 15	1270. 13	1248. 91	1297. 08	1320. 09	1391. 96	1764. 69	1685. 84	1706. 15	1657. 65	1687. 38	1644. 53
γ 11. 0	1148. 25	1136. 26	1114. 63	1160. 15	1185. 34	1253. 03	1605. 01	1530. 46	1552. 44	1504. 31	1539. 17	1496. 62
γ 12. 0	1021. 11	1009. 22	986. 02	1030. 72	1055. 89	1119. 82	1449. 43	1376. 92	1396. 97	1352. 68	1391. 59	1351. 42
γ 13. 0	903. 35	891. 73	866. 97	907. 61	933. 91	993. 21	1304. 06	1236. 86	1251. 63	1210. 79	1252. 82	1214. 15
γ 14. 0	793. 35	780. 24	756. 77	794. 64	819. 41	872. 95	1168. 04	1103. 35	1115. 78	1077. 11	1119. 38	1085. 14
γ 15. 0	690. 07	677. 03	653. 81	688. 78	711. 30	758. 12	1039. 23	978. 25	986. 80	952. 78	994. 64	966. 12
γ 16. 0	591. 34	581. 34	556. 67	589. 95	607. 60	649. 07	917. 90	862. 96	867. 99	836. 26	877. 72	853. 63
γ 17. 0	500. 68	492. 00	467. 52	497. 90	511. 65	548. 25	801. 14	751. 16	755. 13	724. 84	766. 31	744. 17
γ 18. 0	420. 29	413. 22	389. 91	415. 67	425. 54	458. 23	689. 39	645. 31	649. 53	622. 01	661. 30	642. 22
γ 19. 0	348. 80	344. 36	322. 77	344. 71	350. 76	379. 40	585. 57	544. 96	551. 01	524. 55	562. 56	544. 87
γ 20. 0	287. 09	283. 79	264. 92	283. 95	285. 74	311. 29	492. 42	457. 32	461. 71	440. 01	472. 94	458. 55
γ 21. 0	233. 72	230. 91	215. 74	231. 72	231. 12	253. 46	411. 59	382. 20	385. 17	368. 22	396. 54	383. 00
γ 22. 0	188. 52	186. 48	174. 57	187. 19	184. 85	203. 06	340. 26	315. 55	319. 54	305. 31	329. 43	317. 82
γ 23. 0	151. 14	149. 40	140. 18	149. 10	146. 77	159. 44	277. 10	256. 70	261. 73	251. 10	270. 80	261. 48
γ 24. 0	120. 81	118. 94	112. 40	118. 29	116. 11	123. 72	222. 55	207. 09	212. 54	204. 33	220. 36	212. 61
γ 25. 0	96. 36	94. 67	90. 50	93. 85	92. 18	95. 69	177. 27	165. 27	171. 50	165. 06	178. 04	171. 11
γ 26. 0	77. 45	76. 14	73. 31	74. 84	73. 47	74. 60	139. 96	131. 44	137. 74	132. 52	143. 46	135. 75
γ 27. 0	63. 02	62. 02	59. 51	60. 17	58. 58	59. 01	109. 86	104. 54	109. 78	106. 89	114. 68	107. 96
γ 28. 0	51. 85	51. 34	48. 64	49. 04	46. 73	47. 52	85. 84	82. 73	87. 71	86. 34	91. 84	86. 45
γ 29. 0	43. 08	43. 05	40. 25	40. 49	37. 85	38. 86	67. 33	65. 98	70. 52	69. 83	74. 10	70. 06
γ 30. 0	35. 97	36. 21	33. 62	33. 58	31. 18	32. 36	53. 32	52. 75	57. 49	56. 34	59. 97	57. 10
γ 31. 0	29. 94	30. 21	28. 26	28. 06	25. 85	27. 24	42. 94	42. 74	47. 08	45. 55	48. 81	47. 19
γ 32. 0	24. 73	25. 02	23. 68	23. 35	21. 45	22. 89	35. 22	35. 32	39. 06	37. 19	39. 91	39. 19
γ 33. 0	20. 54	20. 85	19. 79	19. 26	17. 65	19. 29	29. 28	29. 67	32. 91	30. 45	32. 56	32. 37
γ 34. 0	17. 13	17. 37	16. 53	15. 60	14. 36	16. 10	24. 67	25. 37	27. 77	25. 09	26. 50	26. 66
γ 35. 0	14. 34	14. 61	13. 85	12. 61	11. 80	13. 47	20. 87	21. 17	23. 11	20. 28	21. 30	21. 84
γ 36. 0	12. 15	12. 36	11. 69	10. 19	9. 67	11. 19	17. 44	17. 57	19. 17	16. 42	17. 13	17. 93
γ 37. 0	10. 26	10. 55	9. 81	8. 34	7. 79	9. 19	14. 48	14. 70	15. 90	13. 34	13. 70	14. 75
γ 38. 0	8. 70	8. 93	8. 17	6. 66	6. 28	7. 52	12. 01	12. 34	13. 35	10. 79	11. 06	12. 31
γ 39. 0	7. 31	7. 48	6. 75	5. 32	4. 89	5. 96	9. 85	10. 22	11. 22	8. 72	8. 94	10. 33
γ 40. 0	6. 04	5. 95	5. 20	3. 99	3. 67	4. 46	7. 98	8. 42	9. 49	7. 10	7. 27	8. 65
γ 41. 0	4. 83	4. 63	3. 96	2. 73	2. 49	3. 05	6. 39	6. 82	8. 04	5. 70	5. 95	7. 30
γ 42. 0	3. 63	3. 36	2. 58	1. 55	1. 59	1. 83	4. 87	5. 32	6. 59	4. 58	4. 67	5. 96
γ 43. 0	2. 45	2. 06	1. 47	0. 60	0. 76	0. 96	3. 36	3. 95	5. 34	3. 42	3. 67	4. 65
γ 44. 0	1. 30	0. 89	0. 51	0. 00	0. 04	0. 15	2. 08	2. 55	3. 94	2. 27	2. 53	3. 51
γ 45. 0	0. 48	0. 00	0. 00	0. 00	0. 00	0. 00	0. 86	1. 39	2. 67	1. 12	1. 52	2. 31
γ 46. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 13	0. 37	1. 70	0. 20	0. 40	1. 17

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	0.81	0.00	0.00	0.14
γ 48.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	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



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