

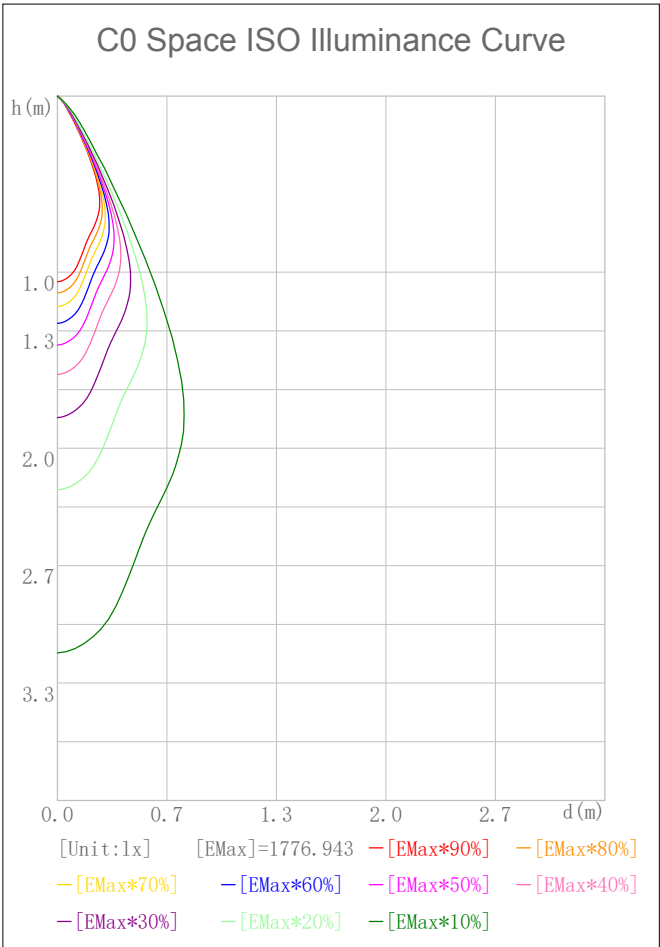
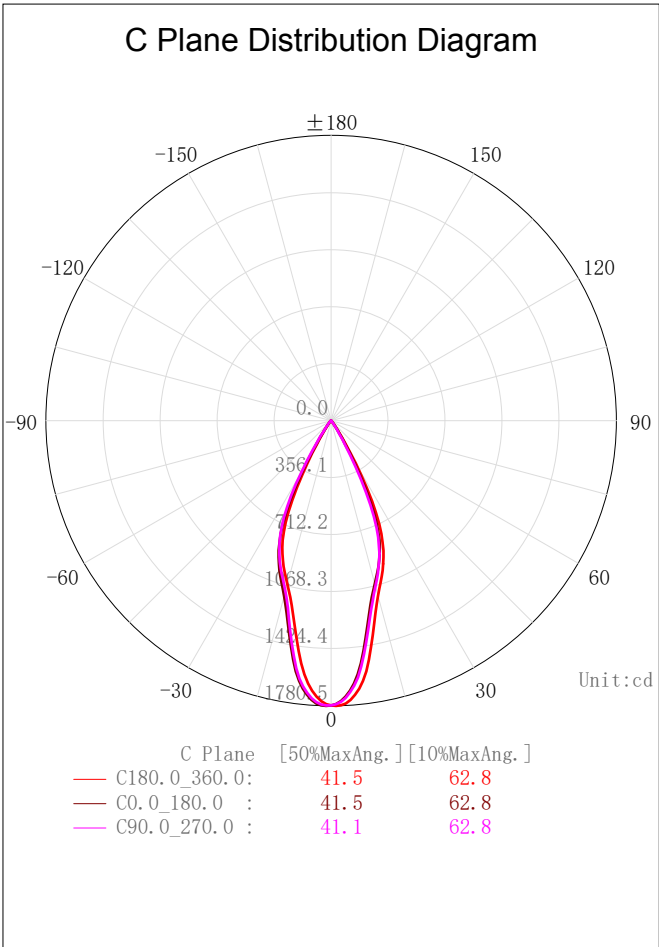
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 55252		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2021/07/21
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

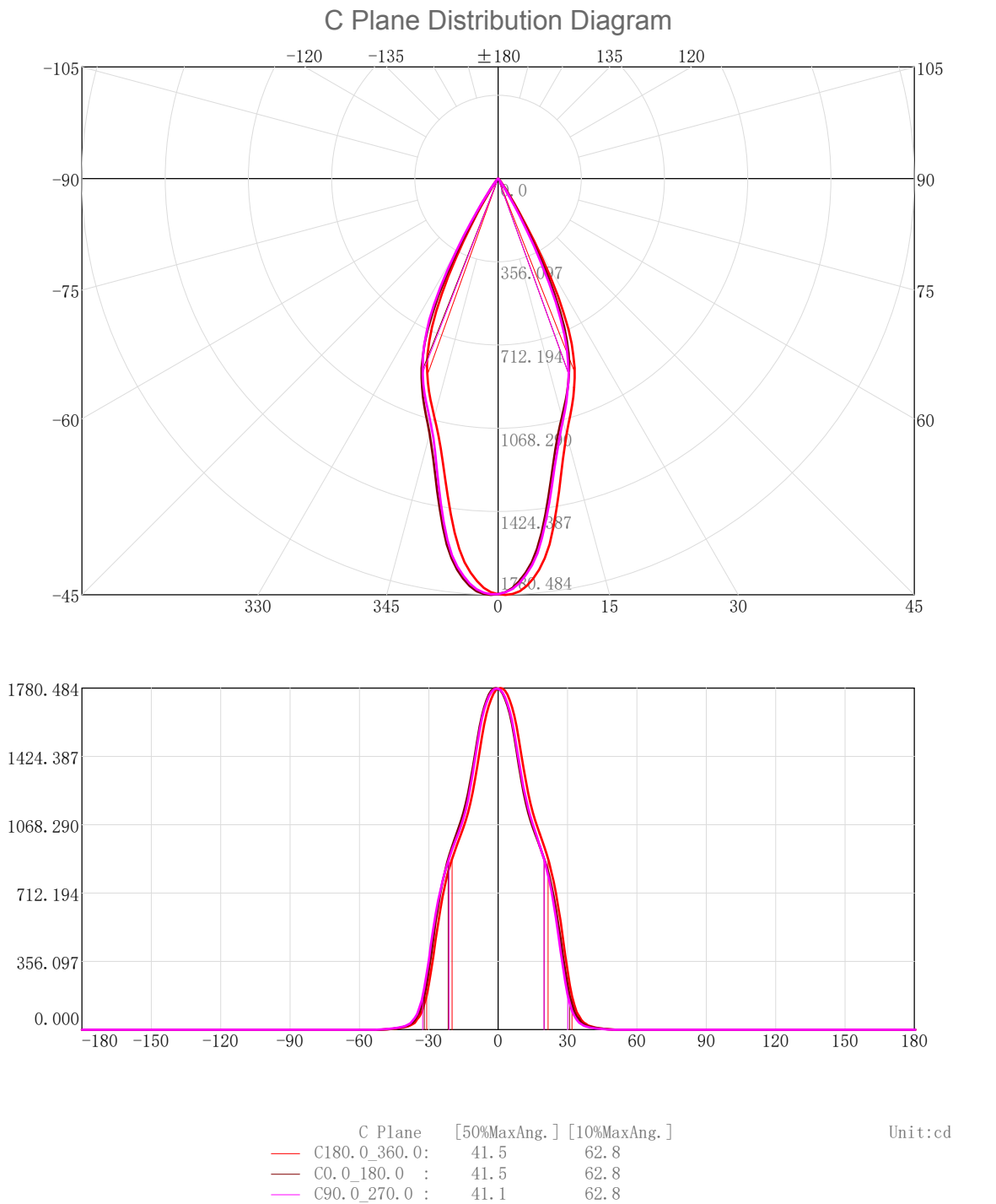
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1000.000	Luminary Flux(lm): 798.999	Field Angle(10%Imax): 62.8(°)	
Rated Power(W):	Luminary Efficiency: 79.90%	Down Lumens&Percent: 798.999lm 100.00%	
Rated Voltage(V):	Luminary EER(lm/W): 47.447	Up Lumens&Percent: 0.000lm 0.00%	
Tested Power(W): 16.840	Max. Candela(cd): 1780.484	S/MH: C0_a180=0.616 C90_270=0.611	
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):230.1, 0.080, 0.914	Beam Angle(50%Imax): 41.5(°)	ErP Φ use(90°): 796.942lm	
Lamp Size (W*L*H):0.050m*~0.050m*0.000m	Left=-19.9°, Right=21.6°	IRF(%): 462.173	



2D Plane Light Intensity Distribution Curve

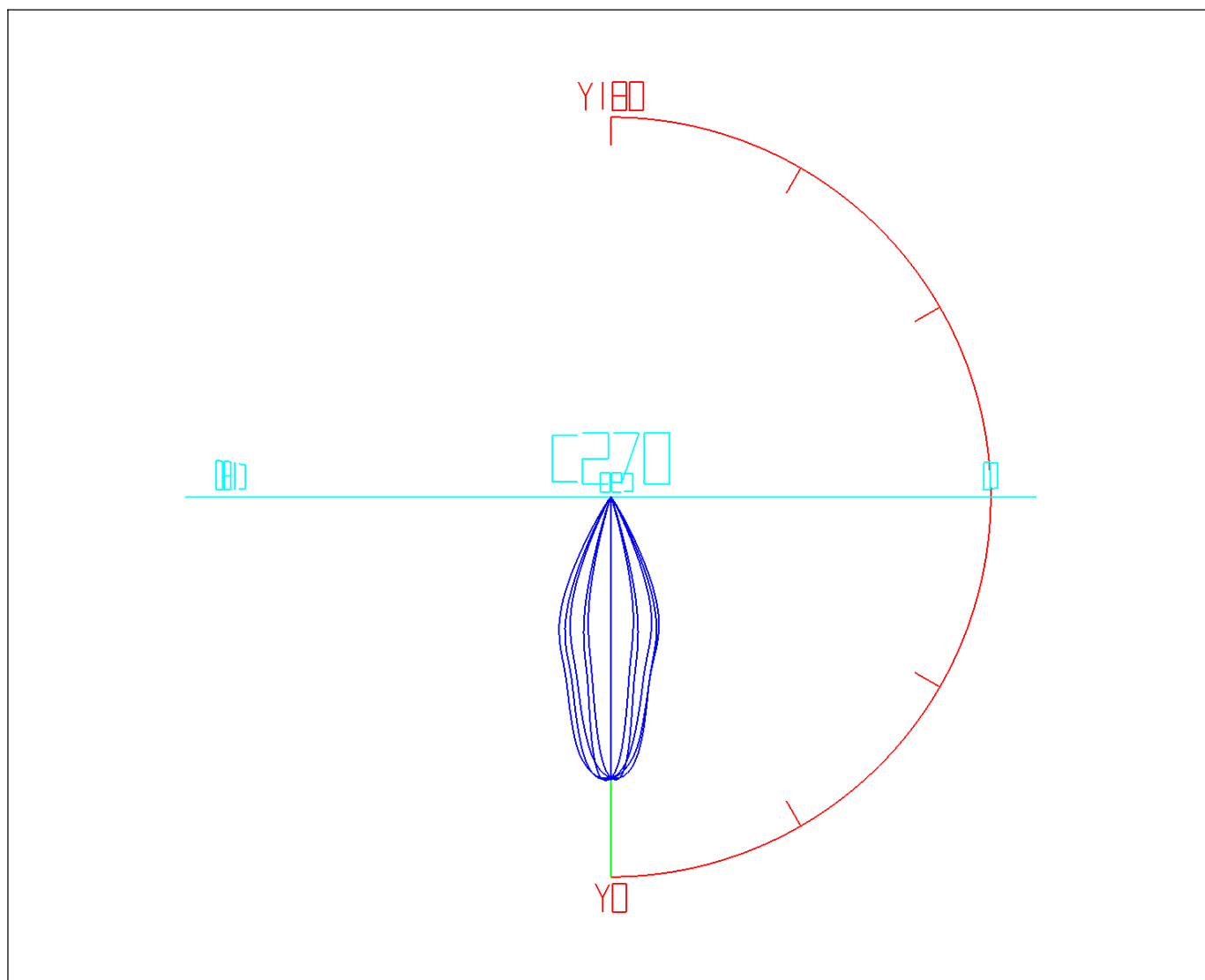
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/07/21



3D Light Intensity Distribution Modal

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/07/21

3D Light Intensity Distribution Modal



Curves: 3D Model — Fixture — Vert. HUD — Hori. HUD —
View Angles: Orient:0 Tilt:0 Roll:0 Spin:0

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	1.70	1.70	0.17	0.17	47.0-48.0	0.24	798.61	0.02	79.86
1.0-2.0	5.08	6.78	0.51	0.68	48.0-49.0	0.17	798.78	0.02	79.88
2.0-3.0	8.39	15.16	0.84	1.52	49.0-50.0	0.11	798.88	0.01	79.89
3.0-4.0	11.58	26.75	1.16	2.67	50.0-51.0	0.06	798.95	0.01	79.89
4.0-5.0	14.60	41.35	1.46	4.13	51.0-52.0	0.03	798.98	0.00	79.90
5.0-6.0	17.38	58.73	1.74	5.87	52.0-53.0	0.01	799.00	0.00	79.90
6.0-7.0	19.87	78.59	1.99	7.86	53.0-54.0	0.00	799.00	0.00	79.90
7.0-8.0	22.01	100.61	2.20	10.06	54.0-55.0	0.00	799.00	0.00	79.90
8.0-9.0	23.83	124.43	2.38	12.44	55.0-56.0	0.00	799.00	0.00	79.90
9.0-10.0	25.32	149.76	2.53	14.98	56.0-57.0	0.00	799.00	0.00	79.90
10.0-11.0	26.57	176.32	2.66	17.63	57.0-58.0	0.00	799.00	0.00	79.90
11.0-12.0	27.63	203.95	2.76	20.40	58.0-59.0	0.00	799.00	0.00	79.90
12.0-13.0	28.59	232.54	2.86	23.25	59.0-60.0	0.00	799.00	0.00	79.90
13.0-14.0	29.50	262.04	2.95	26.20	60.0-61.0	0.00	799.00	0.00	79.90
14.0-15.0	30.44	292.48	3.04	29.25	61.0-62.0	0.00	799.00	0.00	79.90
15.0-16.0	31.37	323.85	3.14	32.39	62.0-63.0	0.00	799.00	0.00	79.90
16.0-17.0	32.24	356.09	3.22	35.61	63.0-64.0	0.00	799.00	0.00	79.90
17.0-18.0	33.00	389.09	3.30	38.91	64.0-65.0	0.00	799.00	0.00	79.90
18.0-19.0	33.63	422.72	3.36	42.27	65.0-66.0	0.00	799.00	0.00	79.90
19.0-20.0	34.10	456.82	3.41	45.68	66.0-67.0	0.00	799.00	0.00	79.90
20.0-21.0	34.31	491.12	3.43	49.11	67.0-68.0	0.00	799.00	0.00	79.90
21.0-22.0	34.22	525.34	3.42	52.53	68.0-69.0	0.00	799.00	0.00	79.90
22.0-23.0	33.79	559.13	3.38	55.91	69.0-70.0	0.00	799.00	0.00	79.90
23.0-24.0	32.88	592.01	3.29	59.20	70.0-71.0	0.00	799.00	0.00	79.90
24.0-25.0	31.43	623.44	3.14	62.34	71.0-72.0	0.00	799.00	0.00	79.90
25.0-26.0	29.45	652.89	2.94	65.29	72.0-73.0	0.00	799.00	0.00	79.90
26.0-27.0	26.84	679.72	2.68	67.97	73.0-74.0	0.00	799.00	0.00	79.90
27.0-28.0	23.73	703.45	2.37	70.35	74.0-75.0	0.00	799.00	0.00	79.90
28.0-29.0	20.33	723.79	2.03	72.38	75.0-76.0	0.00	799.00	0.00	79.90
29.0-30.0	16.76	740.55	1.68	74.05	76.0-77.0	0.00	799.00	0.00	79.90
30.0-31.0	13.42	753.96	1.34	75.40	77.0-78.0	0.00	799.00	0.00	79.90
31.0-32.0	10.46	764.42	1.05	76.44	78.0-79.0	0.00	799.00	0.00	79.90
32.0-33.0	7.94	772.36	0.79	77.24	79.0-80.0	0.00	799.00	0.00	79.90
33.0-34.0	6.03	778.39	0.60	77.84	80.0-81.0	0.00	799.00	0.00	79.90
34.0-35.0	4.52	782.91	0.45	78.29	81.0-82.0	0.00	799.00	0.00	79.90
35.0-36.0	3.40	786.31	0.34	78.63	82.0-83.0	0.00	799.00	0.00	79.90
36.0-37.0	2.63	788.94	0.26	78.89	83.0-84.0	0.00	799.00	0.00	79.90
37.0-38.0	2.03	790.97	0.20	79.10	84.0-85.0	0.00	799.00	0.00	79.90
38.0-39.0	1.61	792.58	0.16	79.26	85.0-86.0	0.00	799.00	0.00	79.90
39.0-40.0	1.30	793.88	0.13	79.39	86.0-87.0	0.00	799.00	0.00	79.90
40.0-41.0	1.06	794.94	0.11	79.49	87.0-88.0	0.00	799.00	0.00	79.90
41.0-42.0	0.89	795.83	0.09	79.58	88.0-89.0	0.00	799.00	0.00	79.90
42.0-43.0	0.73	796.56	0.07	79.66	89.0-90.0	0.00	799.00	0.00	79.90
43.0-44.0	0.60	797.16	0.06	79.72	90.0-91.0	0.00	799.00	0.00	79.90
44.0-45.0	0.50	797.66	0.05	79.77	91.0-92.0	0.00	799.00	0.00	79.90
45.0-46.0	0.40	798.06	0.04	79.81	92.0-93.0	0.00	799.00	0.00	79.90
46.0-47.0	0.31	798.37	0.03	79.84	93.0-94.0	0.00	799.00	0.00	79.90

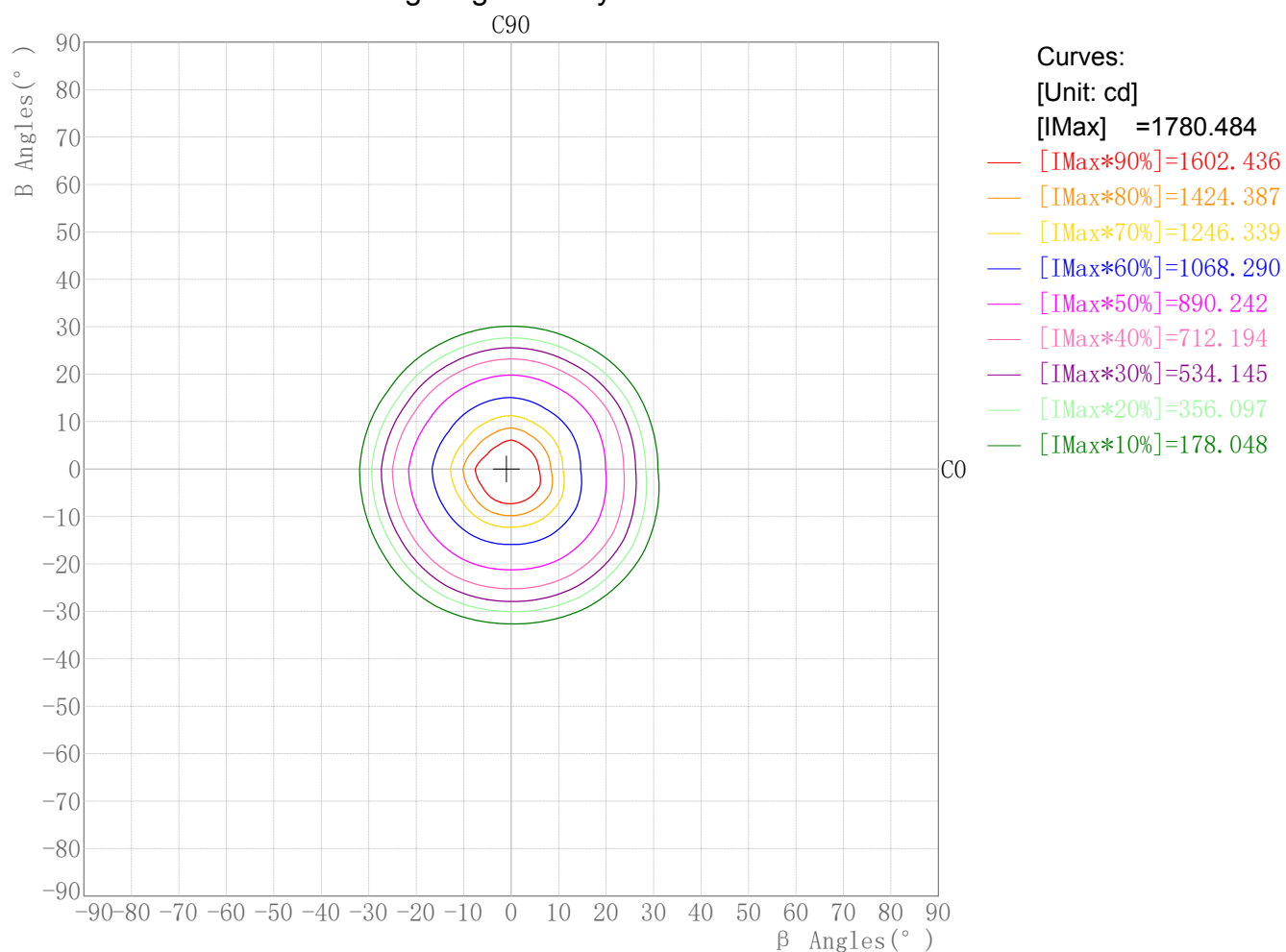
Zonal Flux Tabulation - (Cont.)

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	799.00	0.00	79.90	141.0-142.0	0.00	799.00	0.00	79.90
95.0-96.0	0.00	799.00	0.00	79.90	142.0-143.0	0.00	799.00	0.00	79.90
96.0-97.0	0.00	799.00	0.00	79.90	143.0-144.0	0.00	799.00	0.00	79.90
97.0-98.0	0.00	799.00	0.00	79.90	144.0-145.0	0.00	799.00	0.00	79.90
98.0-99.0	0.00	799.00	0.00	79.90	145.0-146.0	0.00	799.00	0.00	79.90
99.0-100.0	0.00	799.00	0.00	79.90	146.0-147.0	0.00	799.00	0.00	79.90
100.0-101.0	0.00	799.00	0.00	79.90	147.0-148.0	0.00	799.00	0.00	79.90
101.0-102.0	0.00	799.00	0.00	79.90	148.0-149.0	0.00	799.00	0.00	79.90
102.0-103.0	0.00	799.00	0.00	79.90	149.0-150.0	0.00	799.00	0.00	79.90
103.0-104.0	0.00	799.00	0.00	79.90	150.0-151.0	0.00	799.00	0.00	79.90
104.0-105.0	0.00	799.00	0.00	79.90	151.0-152.0	0.00	799.00	0.00	79.90
105.0-106.0	0.00	799.00	0.00	79.90	152.0-153.0	0.00	799.00	0.00	79.90
106.0-107.0	0.00	799.00	0.00	79.90	153.0-154.0	0.00	799.00	0.00	79.90
107.0-108.0	0.00	799.00	0.00	79.90	154.0-155.0	0.00	799.00	0.00	79.90
108.0-109.0	0.00	799.00	0.00	79.90	155.0-156.0	0.00	799.00	0.00	79.90
109.0-110.0	0.00	799.00	0.00	79.90	156.0-157.0	0.00	799.00	0.00	79.90
110.0-111.0	0.00	799.00	0.00	79.90	157.0-158.0	0.00	799.00	0.00	79.90
111.0-112.0	0.00	799.00	0.00	79.90	158.0-159.0	0.00	799.00	0.00	79.90
112.0-113.0	0.00	799.00	0.00	79.90	159.0-160.0	0.00	799.00	0.00	79.90
113.0-114.0	0.00	799.00	0.00	79.90	160.0-161.0	0.00	799.00	0.00	79.90
114.0-115.0	0.00	799.00	0.00	79.90	161.0-162.0	0.00	799.00	0.00	79.90
115.0-116.0	0.00	799.00	0.00	79.90	162.0-163.0	0.00	799.00	0.00	79.90
116.0-117.0	0.00	799.00	0.00	79.90	163.0-164.0	0.00	799.00	0.00	79.90
117.0-118.0	0.00	799.00	0.00	79.90	164.0-165.0	0.00	799.00	0.00	79.90
118.0-119.0	0.00	799.00	0.00	79.90	165.0-166.0	0.00	799.00	0.00	79.90
119.0-120.0	0.00	799.00	0.00	79.90	166.0-167.0	0.00	799.00	0.00	79.90
120.0-121.0	0.00	799.00	0.00	79.90	167.0-168.0	0.00	799.00	0.00	79.90
121.0-122.0	0.00	799.00	0.00	79.90	168.0-169.0	0.00	799.00	0.00	79.90
122.0-123.0	0.00	799.00	0.00	79.90	169.0-170.0	0.00	799.00	0.00	79.90
123.0-124.0	0.00	799.00	0.00	79.90	170.0-171.0	0.00	799.00	0.00	79.90
124.0-125.0	0.00	799.00	0.00	79.90	171.0-172.0	0.00	799.00	0.00	79.90
125.0-126.0	0.00	799.00	0.00	79.90	172.0-173.0	0.00	799.00	0.00	79.90
126.0-127.0	0.00	799.00	0.00	79.90	173.0-174.0	0.00	799.00	0.00	79.90
127.0-128.0	0.00	799.00	0.00	79.90	174.0-175.0	0.00	799.00	0.00	79.90
128.0-129.0	0.00	799.00	0.00	79.90	175.0-176.0	0.00	799.00	0.00	79.90
129.0-130.0	0.00	799.00	0.00	79.90	176.0-177.0	0.00	799.00	0.00	79.90
130.0-131.0	0.00	799.00	0.00	79.90	177.0-178.0	0.00	799.00	0.00	79.90
131.0-132.0	0.00	799.00	0.00	79.90	178.0-179.0	0.00	799.00	0.00	79.90
132.0-133.0	0.00	799.00	0.00	79.90	179.0-180.0	0.00	799.00	0.00	79.90
133.0-134.0	0.00	799.00	0.00	79.90					
134.0-135.0	0.00	799.00	0.00	79.90					
135.0-136.0	0.00	799.00	0.00	79.90					
136.0-137.0	0.00	799.00	0.00	79.90					
137.0-138.0	0.00	799.00	0.00	79.90					
138.0-139.0	0.00	799.00	0.00	79.90					
139.0-140.0	0.00	799.00	0.00	79.90					
140.0-141.0	0.00	799.00	0.00	79.90					

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: 2021/07/21

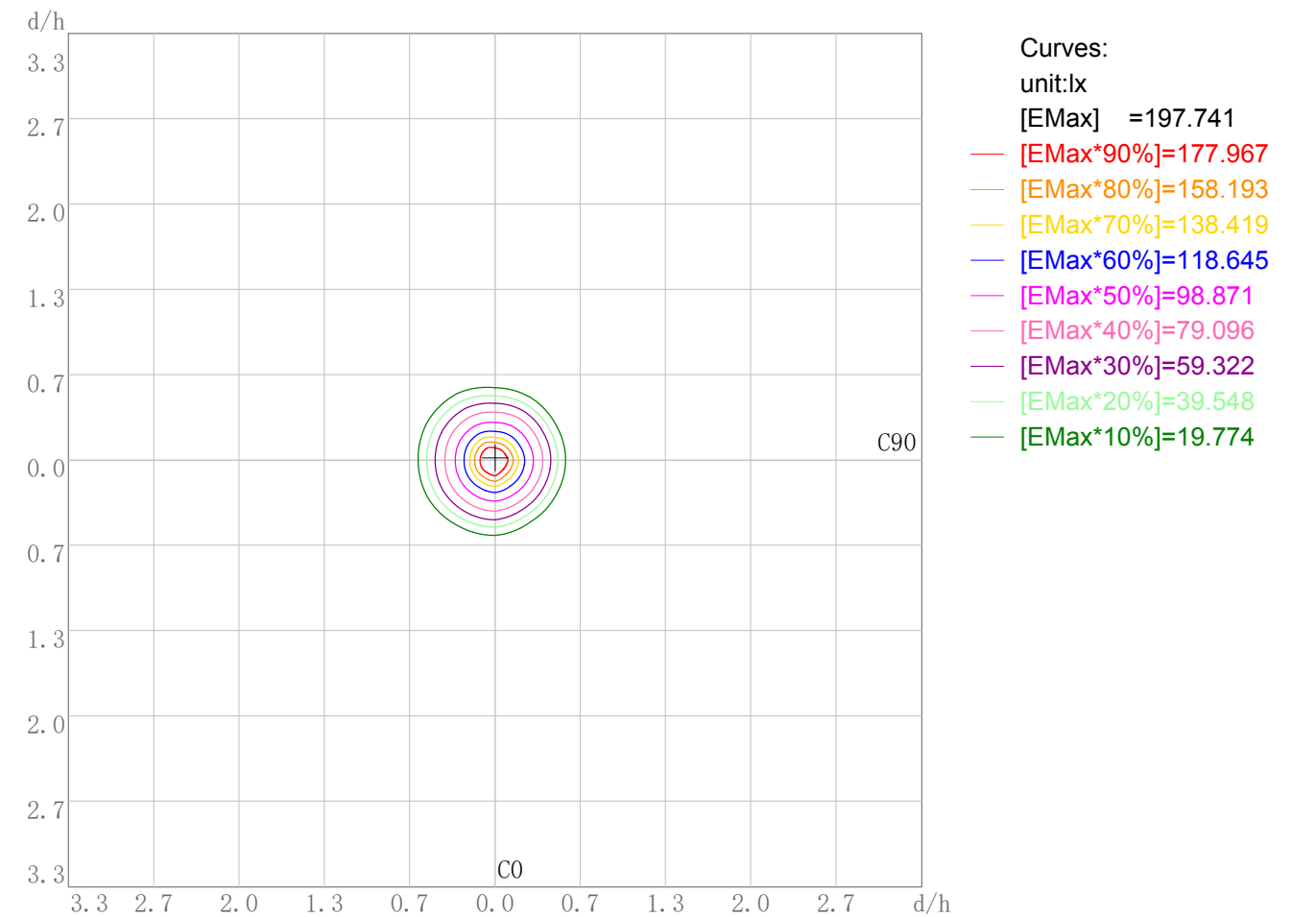
ISO Lighting Intensity Curve



Plane ISO-Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/07/21

Plane ISO-Illuminance Curve

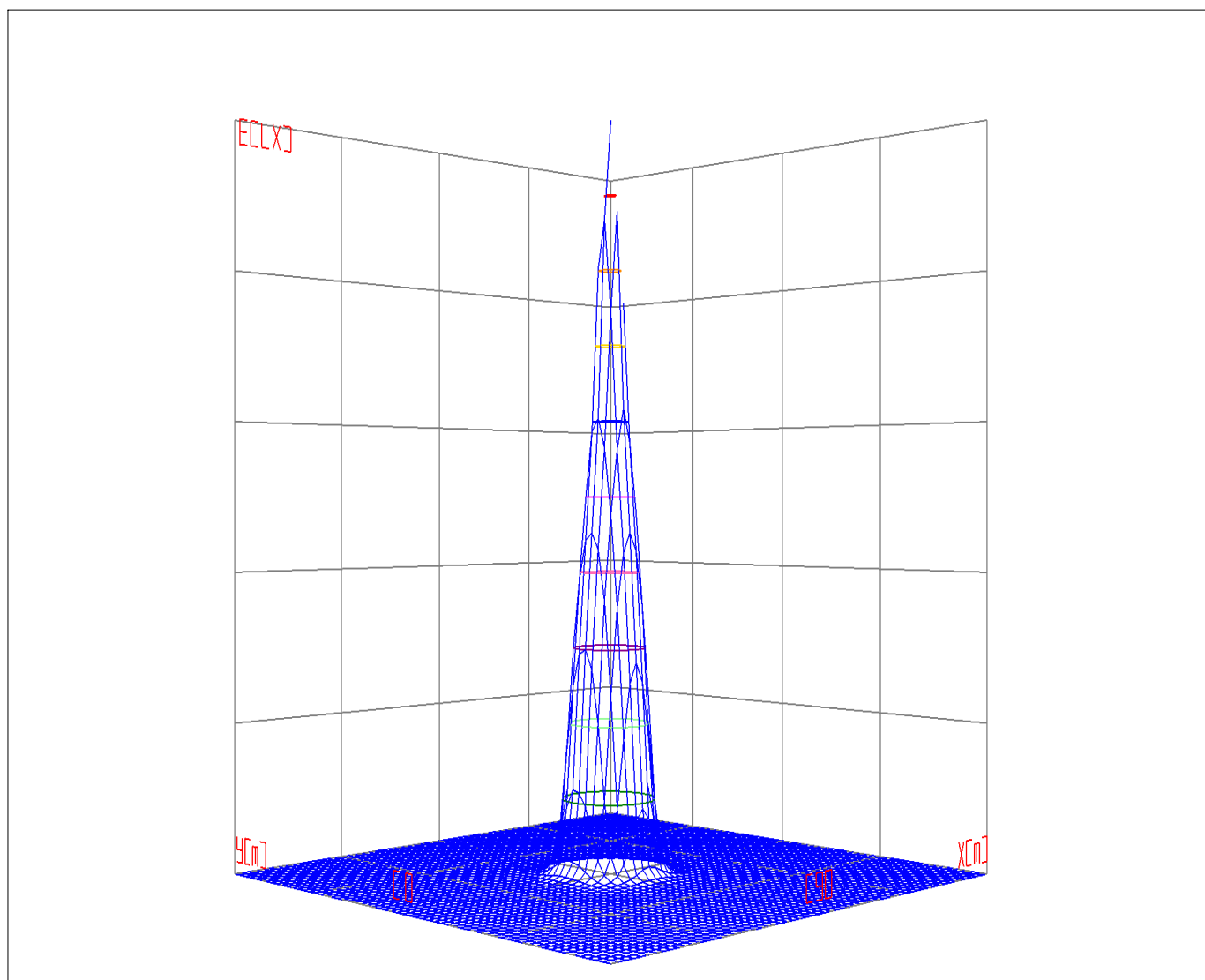


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 197.74
Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

3D Plane ISO Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/07/21

3D Plane Illuminance Modal

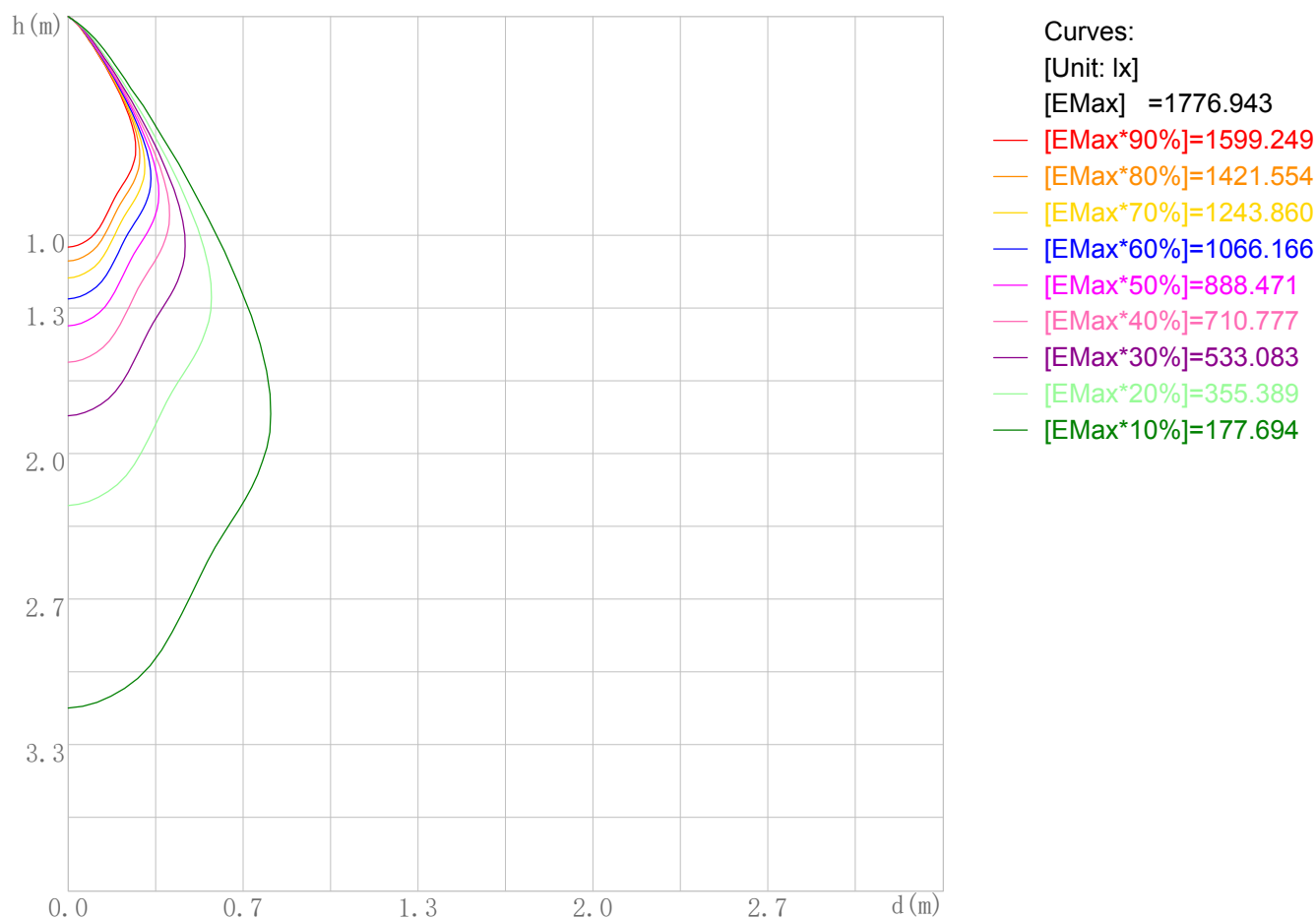


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
 View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/07/21

Space ISO Illuminance Curve

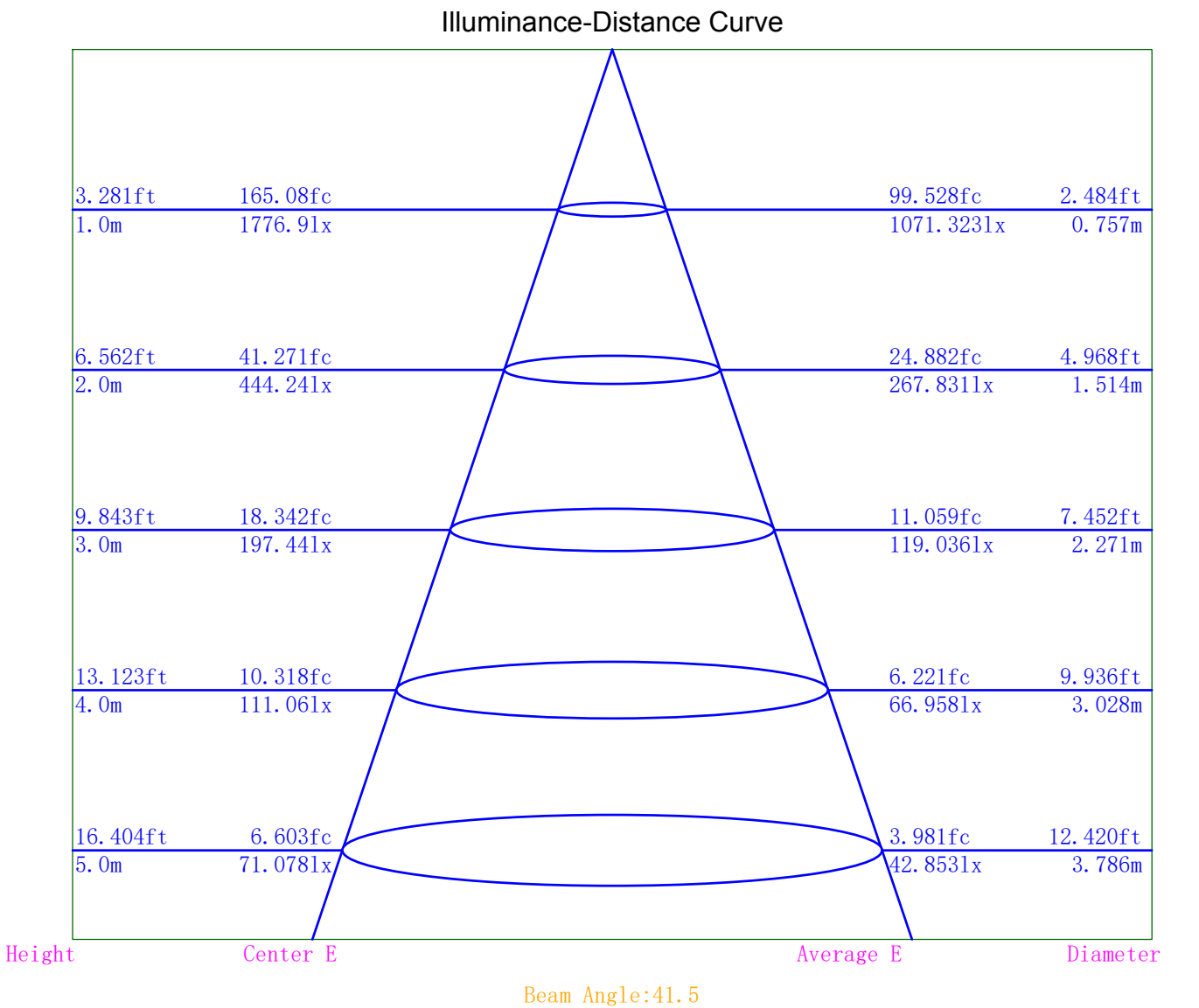


Space Plane Maximum Illuminance and @Angle:1776.94lx,0.0deg

Plane Maximum Lighting Intensity and @Angle:1776.943cd,0deg

Illuminance-Distance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/07/21



Indoor Luminance Limiting Curves

Lum. Name: 55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/07/21

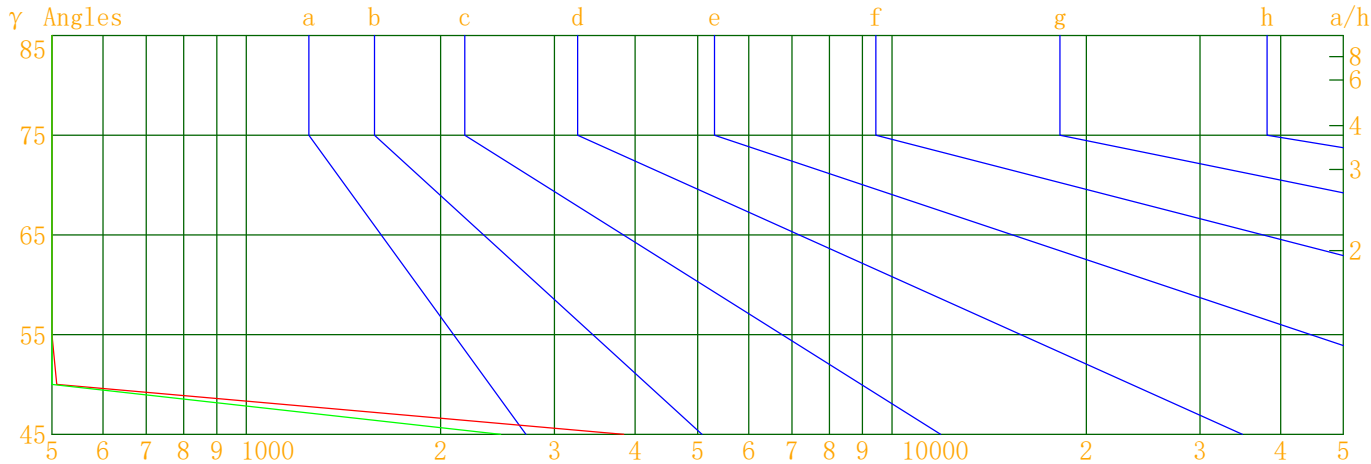
Glare Grade Table

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	3842	509	0	0	0	0	0	0	0
C90	2477	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

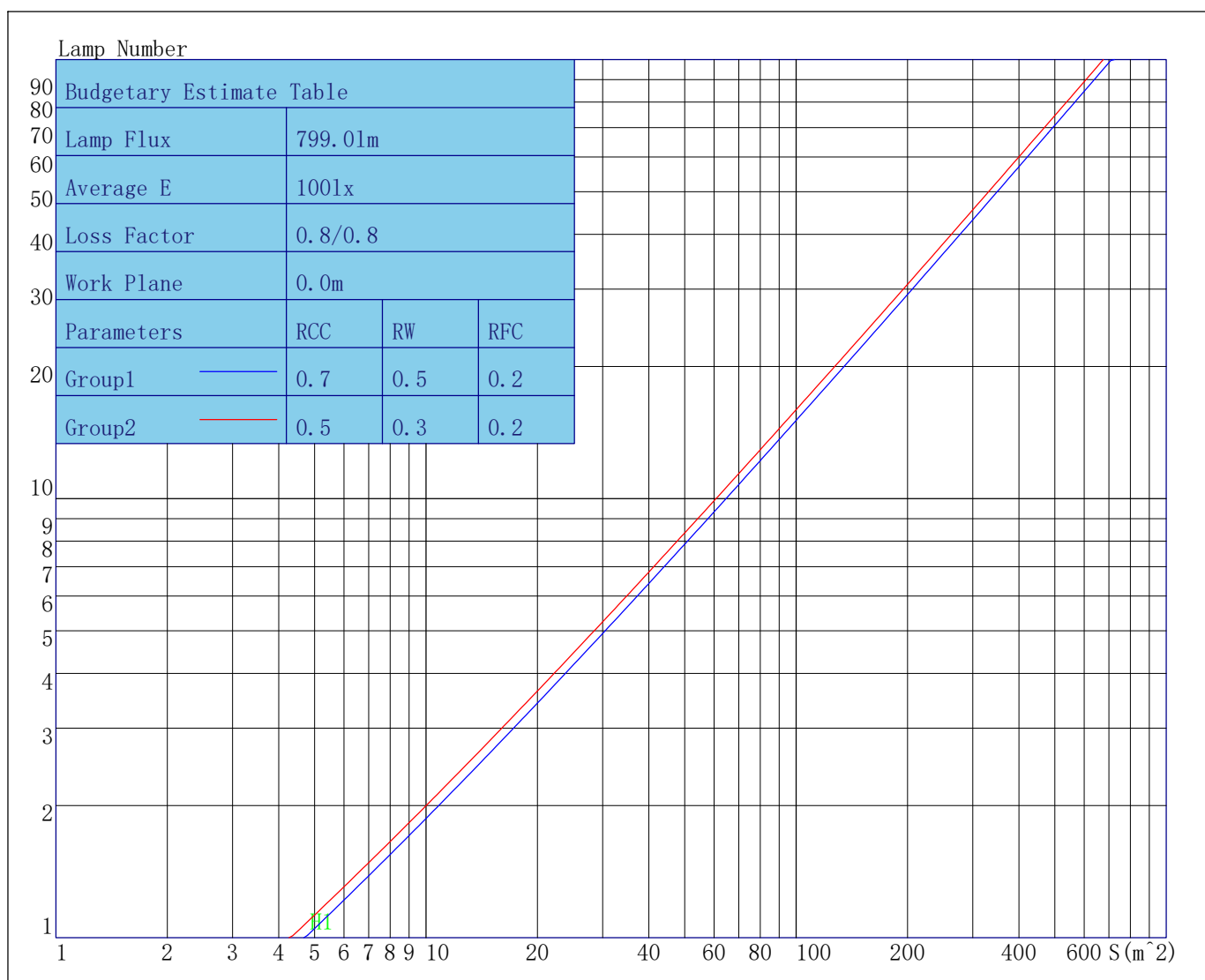
Luminous Curves: C0-C180 Color: C90-C270 Color:

IES Indoor Report

Photometric Filename:UL-18W-COB-1800-FH-3000K-40度.IES

Indoor Budgetary Estimate Table

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/07/21



Parameters1: Rhocc = 0.7 Rhow = 0.5 Rhofc = 0.2 LLF = 0.8
Parameters2: Rhocc = 0.5 Rhow = 0.3 Rhofc = 0.2 LLF = 0.8
Average Illuminance(lx): 100 Cavity Height: H1(m) = 2

Indoor Coefficient of Utilization Table

Table with 3 columns: Lum. Name, Lum. Catalog, Test ID; Lamp Name, Lamp Catalog, Test Lab; Manufacture, Test Machine, Test Date.

Table with 2 main sections: 'Coefficients of Utilization - Zonal Cavity Method' and 'Coefficient of Utilization (%)'. The first section includes RhoCC, RhoW, and RCR. The second section is a grid of utilization coefficients for different room dimensions.

Unified Glare Rating Table

Lum. Name: 55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/07/21

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	14.4	14.7	14.8	15.0	15.3	11.4	11.8	11.8	12.1	12.4
	14.2	14.4	14.6	14.7	15.1	11.2	11.4	11.6	11.8	12.1
	14.1	14.2	14.5	14.6	15.0	11.1	11.2	11.5	11.6	12.0
	14.0	14.0	14.4	14.4	14.8	11.0	11.0	11.4	11.4	11.8
	13.9	13.9	14.3	14.3	14.7	10.9	10.9	11.4	11.3	11.8
	13.8	13.8	14.3	14.2	14.6	10.9	10.8	11.3	11.2	11.7
X=4H Y=2H	14.1	14.2	14.5	14.6	15.0	11.1	11.2	11.5	11.6	12.0
	13.9	13.8	14.3	14.3	14.7	10.9	10.9	11.3	11.3	11.7
	13.8	13.6	14.2	14.1	14.5	10.8	10.7	11.2	11.1	11.6
	13.6	13.4	14.1	13.9	14.4	10.7	10.5	11.2	10.9	11.4
	13.6	13.3	14.1	13.8	14.3	10.6	10.4	11.1	10.8	11.3
	13.5	13.2	14.0	13.7	14.2	10.5	10.2	11.0	10.7	11.2
X=8H Y=4H	13.6	13.3	14.1	13.8	14.3	10.6	10.4	11.1	10.8	11.3
	13.5	13.1	14.0	13.6	14.0	10.5	10.1	11.1	10.7	11.1
	13.4	13.0	14.0	13.6	14.1	10.5	10.0	11.1	10.6	11.1
	13.4	12.9	14.0	13.4	14.1	10.4	10.0	11.0	10.5	11.1
X=12H Y=4H	13.5	13.2	14.0	13.7	14.2	10.5	10.2	11.0	10.7	11.2
	13.4	13.0	14.0	13.5	14.1	10.4	10.0	11.0	10.5	11.1
	13.4	12.9	14.0	13.4	14.1	10.4	10.0	11.0	10.5	11.1
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-18W-COB-1800-FH-3000K-40度.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	1776.94	1776.94	1776.94	1776.94	1776.94	1776.94	1776.94	1776.94	1776.94	1776.94	1776.94	1776.94
γ 1.0	1769.06	1772.21	1768.52	1769.78	1766.27	1769.19	1780.48	1780.26	1779.61	1777.60	1776.63	1774.48
γ 2.0	1751.41	1755.96	1750.29	1756.37	1750.92	1755.44	1777.38	1775.66	1776.23	1771.85	1771.34	1767.03
γ 3.0	1724.02	1728.51	1722.22	1732.96	1725.07	1731.55	1767.16	1763.12	1765.30	1758.78	1759.62	1753.10
γ 4.0	1689.33	1690.84	1683.21	1699.65	1687.76	1699.17	1746.62	1742.05	1746.34	1736.10	1739.35	1730.32
γ 5.0	1646.88	1639.38	1633.37	1660.18	1640.57	1655.27	1717.48	1710.17	1718.30	1705.24	1707.68	1698.50
γ 6.0	1592.40	1578.73	1573.85	1611.04	1582.77	1600.19	1681.59	1665.59	1677.88	1668.46	1665.33	1655.92
γ 7.0	1525.38	1510.52	1506.58	1545.90	1515.10	1538.85	1636.21	1610.83	1625.10	1621.98	1613.25	1603.66
γ 8.0	1451.15	1439.44	1436.32	1473.54	1447.39	1472.32	1579.79	1545.81	1563.95	1559.17	1549.59	1540.96
γ 9.0	1375.42	1371.37	1365.26	1401.26	1380.89	1404.19	1510.57	1475.92	1494.81	1486.88	1479.45	1472.93
γ 10.0	1304.71	1304.99	1295.21	1328.87	1314.98	1335.30	1435.80	1404.80	1420.81	1411.10	1407.01	1398.69
γ 11.0	1238.29	1240.55	1231.16	1262.39	1253.89	1270.39	1364.61	1335.49	1347.70	1335.38	1336.47	1325.70
γ 12.0	1179.44	1183.61	1176.26	1205.52	1199.43	1212.45	1294.62	1268.31	1278.03	1263.42	1269.92	1258.14
γ 13.0	1130.91	1136.05	1128.76	1154.26	1151.46	1162.17	1231.79	1207.10	1212.30	1198.13	1207.55	1195.49
γ 14.0	1090.28	1096.35	1089.05	1109.46	1109.19	1117.85	1178.33	1155.27	1157.63	1144.18	1153.36	1144.02
γ 15.0	1054.44	1059.88	1053.14	1070.82	1072.04	1080.02	1131.78	1112.39	1112.71	1101.18	1111.10	1102.46
γ 16.0	1021.36	1027.18	1019.24	1034.99	1035.44	1044.23	1091.64	1075.32	1073.76	1063.81	1074.63	1064.74
γ 17.0	989.29	995.67	985.23	998.68	998.51	1008.29	1056.57	1041.94	1039.20	1030.41	1039.50	1030.34
γ 18.0	956.91	963.71	948.86	958.93	959.44	970.44	1022.08	1010.18	1007.51	999.98	1007.25	997.88
γ 19.0	922.71	927.53	913.02	922.67	922.01	933.57	987.94	978.21	976.18	968.01	976.17	966.15
γ 20.0	885.78	892.50	875.50	882.91	880.92	894.74	950.88	942.14	943.55	934.98	944.02	934.65
γ 21.0	848.72	855.11	830.25	833.15	828.97	848.07	913.96	905.35	907.59	898.47	909.74	897.85
γ 22.0	805.50	804.94	778.61	785.00	779.67	797.66	873.76	868.26	871.21	860.40	870.82	860.62
γ 23.0	752.37	753.38	721.39	727.47	720.06	742.89	822.80	820.14	830.61	821.98	831.68	822.28
γ 24.0	695.39	692.63	651.66	655.57	645.60	675.03	773.21	767.56	781.88	776.27	788.64	773.27
γ 25.0	627.17	617.88	574.09	582.84	572.38	600.57	712.98	712.48	732.30	724.10	735.36	720.16
γ 26.0	550.37	541.81	492.60	498.62	484.15	519.09	639.38	640.50	675.34	671.39	682.04	662.41
γ 27.0	470.60	456.96	402.46	407.66	396.04	427.63	564.78	564.08	604.19	602.59	617.73	590.23
γ 28.0	382.34	369.40	322.44	329.63	316.92	347.04	475.77	483.68	530.20	527.53	543.62	514.91
γ 29.0	306.33	292.92	246.67	250.72	239.08	267.90	386.97	391.92	446.77	449.55	467.60	434.91
γ 30.0	233.86	221.07	180.49	183.44	178.57	198.14	309.60	314.81	358.54	359.02	381.02	349.60
γ 31.0	172.42	163.45	135.13	138.13	129.78	150.54	232.41	240.78	285.42	285.45	305.31	277.89
γ 32.0	131.92	122.61	94.43	95.79	92.14	106.36	172.77	174.97	213.75	215.60	234.85	208.64
γ 33.0	92.57	86.91	70.61	71.90	71.20	79.73	128.90	132.75	156.16	155.62	172.05	153.66
γ 34.0	69.77	67.41	52.56	52.31	48.75	60.58	91.66	92.97	117.11	117.93	129.56	116.67
γ 35.0	53.98	47.88	35.81	36.32	36.87	42.34	70.90	69.74	81.26	81.75	91.24	81.52
γ 36.0	36.15	35.14	28.68	29.11	29.65	33.92	50.76	54.07	62.46	62.02	67.67	63.13
γ 37.0	29.00	28.82	21.45	21.31	21.16	25.80	37.34	37.33	46.19	47.12	53.31	46.51
γ 38.0	22.77	21.66	16.82	16.85	17.32	19.93	30.21	29.83	33.07	33.15	37.17	33.97
γ 39.0	17.72	17.69	14.35	14.34	13.97	16.69	22.05	23.48	26.93	27.01	29.76	27.95
γ 40.0	14.98	15.25	10.68	10.56	10.63	12.39	18.00	18.42	20.09	20.40	24.29	21.25
γ 41.0	11.89	11.80	8.88	8.91	8.81	10.30	15.05	15.76	16.57	16.52	18.58	17.60
γ 42.0	10.05	9.94	7.20	7.11	6.84	8.13	11.23	12.28	14.14	14.18	15.74	15.03
γ 43.0	8.17	7.94	5.85	5.81	5.70	6.49	9.31	10.44	10.94	10.92	12.49	11.56
γ 44.0	6.53	6.47	4.59	4.59	4.22	5.22	7.35	8.49	9.40	9.22	10.43	9.97
γ 45.0	5.33	4.88	3.46	3.44	3.28	3.76	5.77	6.72	7.38	7.47	8.84	8.04
γ 46.0	3.91	3.61	2.49	2.59	2.40	2.78	4.36	5.38	6.04	6.31	7.19	6.63

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	2.98	2.63	1.75	1.69	1.47	1.93	3.27	3.89	4.68	5.20	6.05	5.35
γ 48.0	2.13	1.67	0.94	1.01	0.80	1.09	2.32	2.80	3.52	3.95	4.78	4.25
γ 49.0	1.41	0.99	0.34	0.39	0.03	0.45	1.44	1.91	2.55	3.10	3.80	3.24
γ 50.0	0.64	0.31	0.00	0.00	0.00	0.00	0.60	0.93	1.74	2.16	2.78	2.48
γ 51.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.90	1.39	2.06	1.71
γ 52.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.60	1.28	0.92
γ 53.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.32
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