

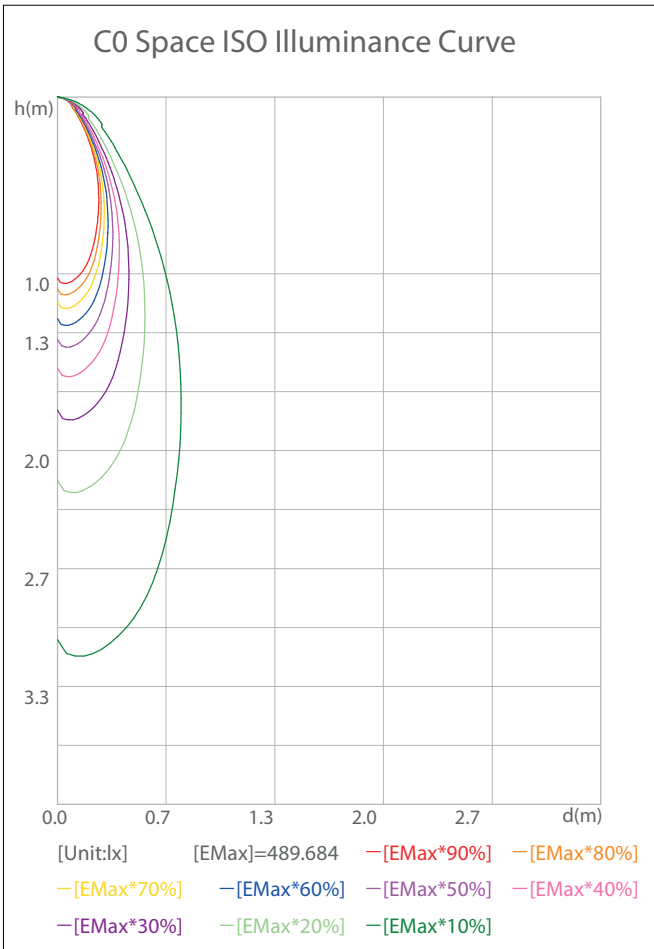
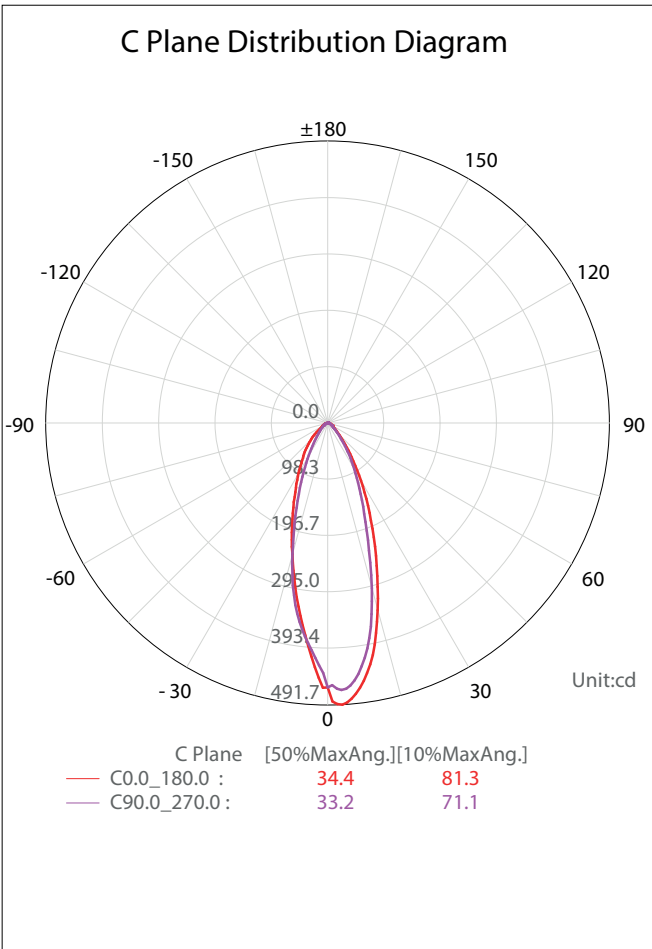
Indoor Luminaire Photometric Data

Description Information

Luminary Name:	Lum. Catalog:	Test ID:
Lamp Name: Mini Dicroica 3W 3.000K FCOB	Lamp Catalog:	Test Date: 2021/11/10
Manufacture:	Shld.Ang(°):	Test Machine:GON-2000
Test Lab: Mundial LUX	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=45.0 γ=1.0	Temp.(): 25
		Humidity(%):

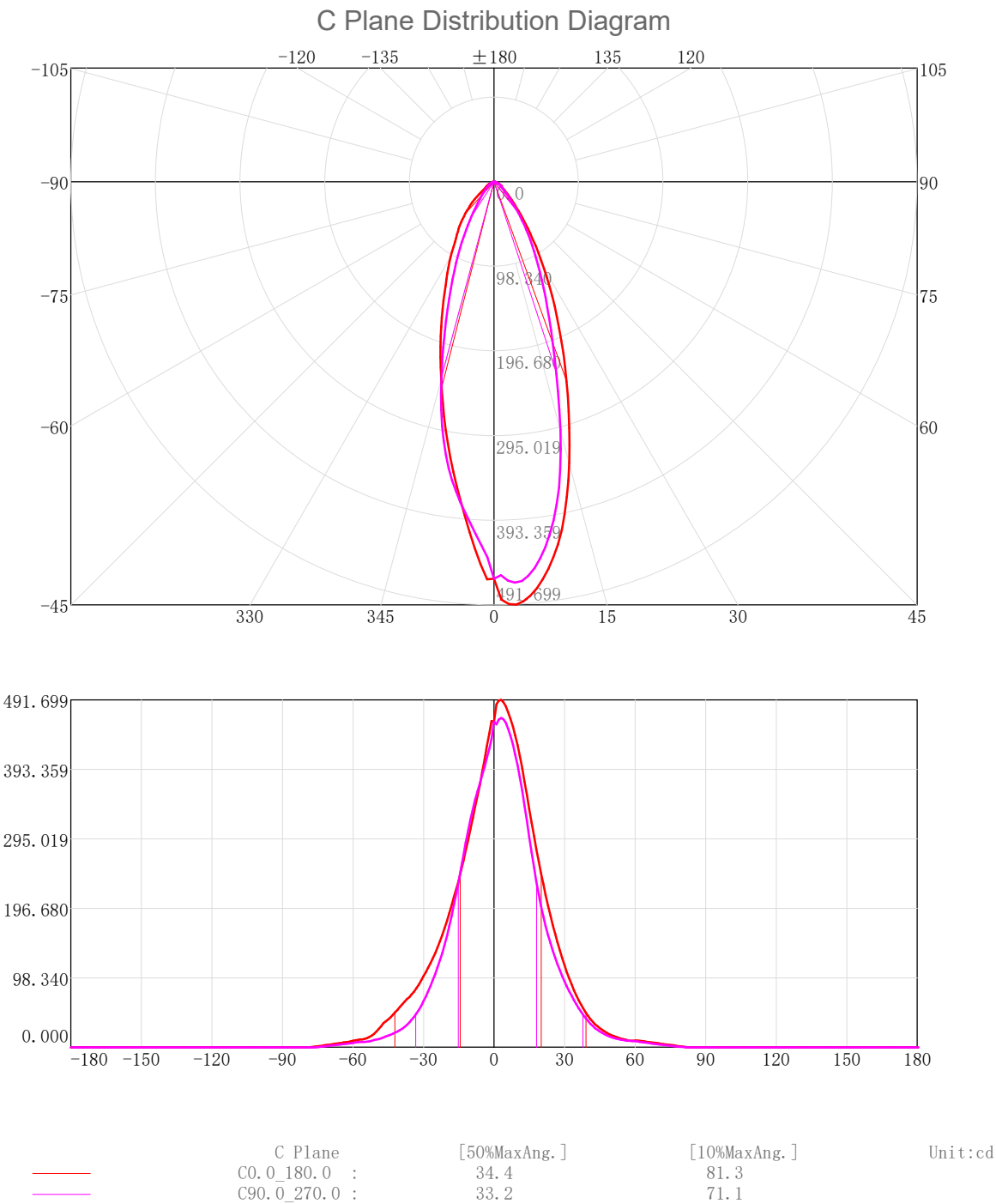
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 1000.000	Luminary Flux(lm): 253.782	Field Angle(10%Imax): 81.3(°)
Rated Power(W):	Luminary Efficiency: 25.38%	Down Lumens&Percent: 253.782lm 100.00%
Rated Voltage(V):	Luminary EER(lm/W): 79.531	Up Lumens&Percent: 0.000lm 0.00%
Tested Power(W): 3.191	Max.Candela(cd): 491.699	S/MH: C0_a180=0.583 C90_270=0.550
Lamps' Inside: 1	Max Cand@Ang.(°): C=0.0 γ=3.0	CIE Type: Semi-Direct
Tested Electrics(V,A,pf):219.7,0.032	Beam Angle(50%Imax): 34.4(°)	ErP puse(90°): 223.452lm
Lamp Size(W*L*H):0.050m*-0.050m*0.000m	Left=-14.3°,Right=20.1°	IRF(%): 404.553



2D Plane Light Intensity Distribution Curve

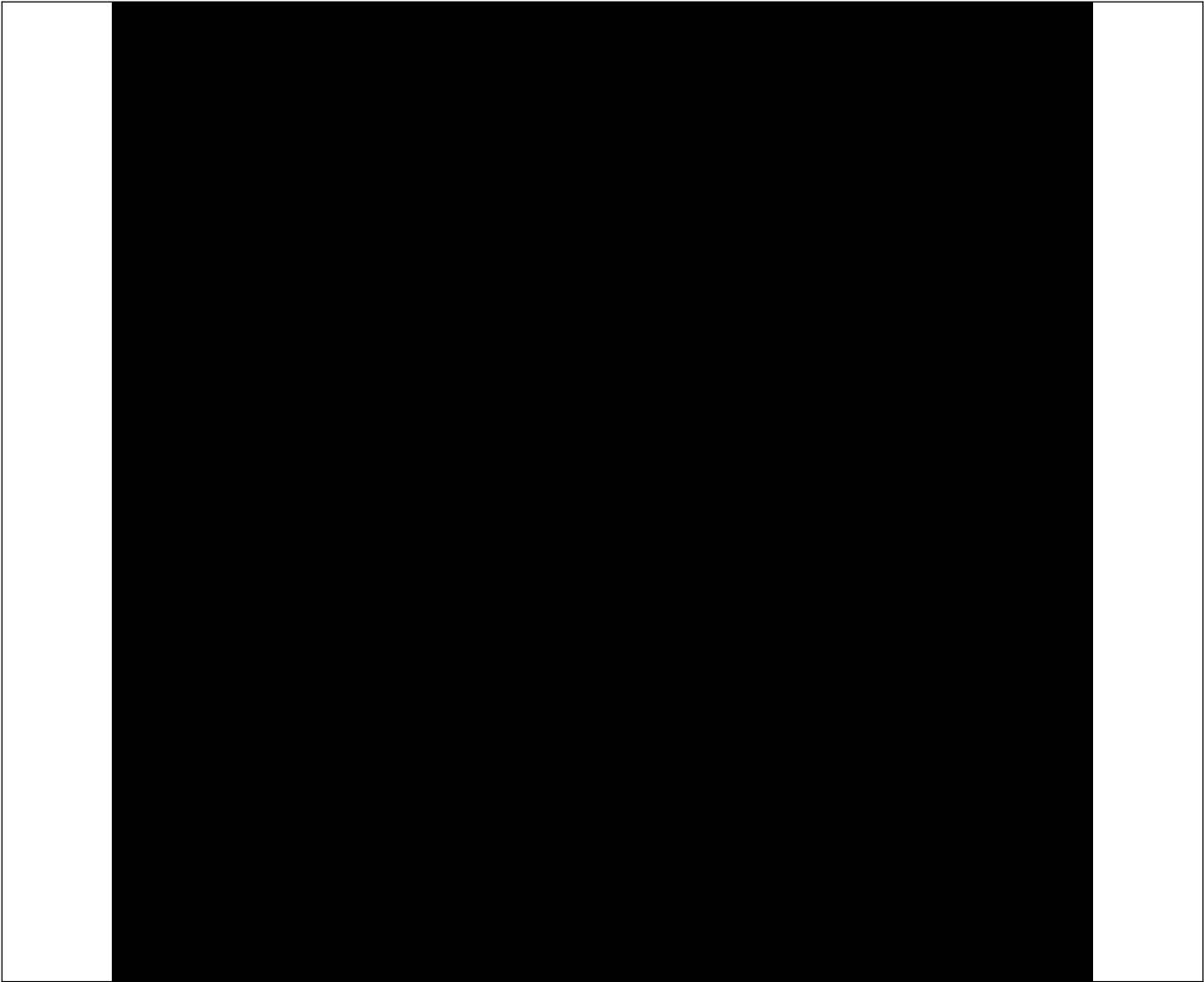
Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name: L-MR11-F2-3W-30K	Lamp Catalog:	Test Lab: Mundial LUX
Manufacture:	Test Machine:GON-2000	Test Date: 2021/11/10



3D Light Intensity Distribution Modal

Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name: L-MR11-F2-3W-30K	Lamp Catelog:	Test Lab: Mundial LUX
Manufacture:	Test Machine:GON-2000	Test Date: 2021/11/10

3D Light Intensity Distribution Modal



Curves:3D Model ——— Fixture ——— Vert. HUD ——— Hori. HUD ———

View Angles:Orient:0Tilt:0Roll:0Spin:0

Zonal Flux Tabulation

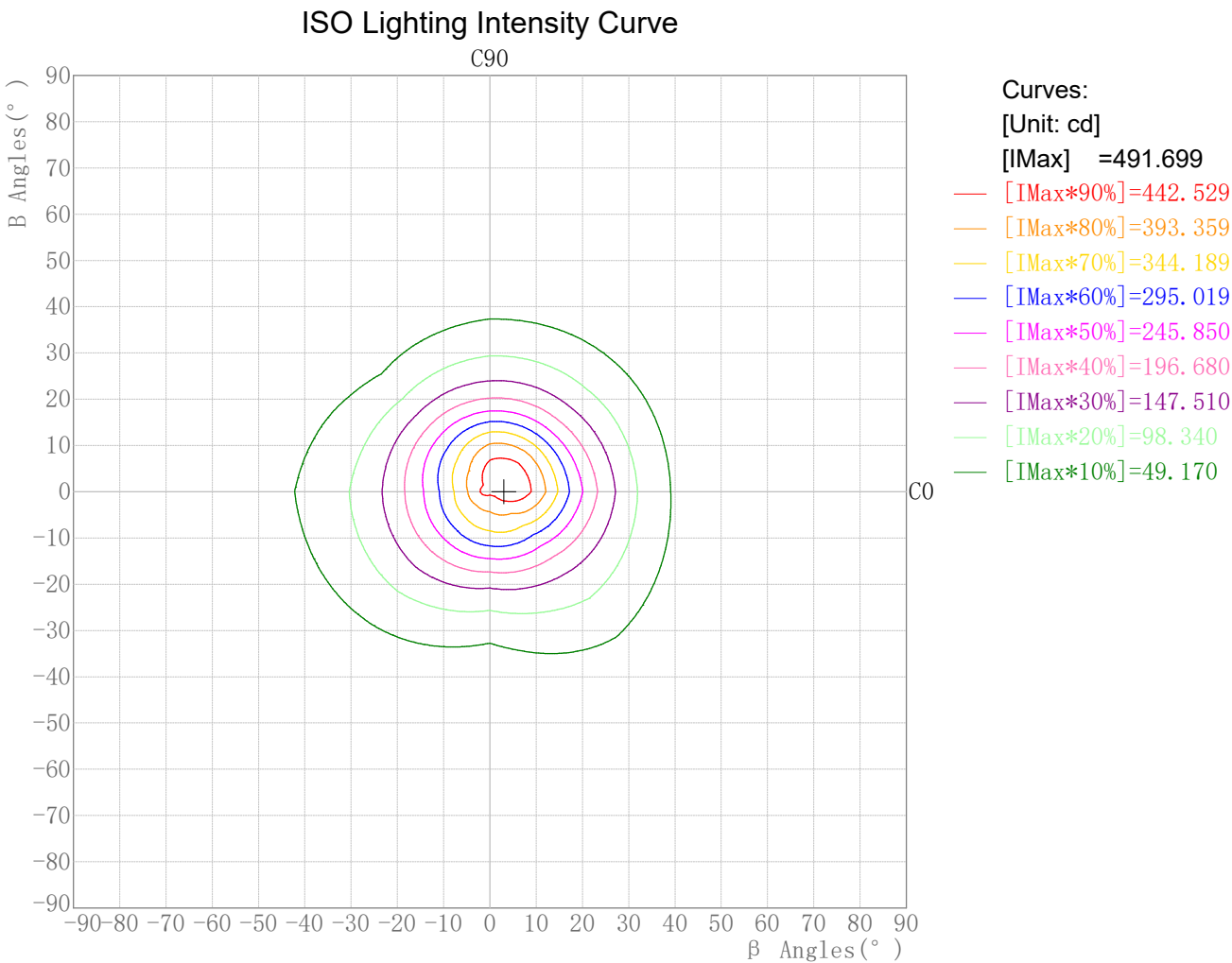
Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.44	0.44	0.04	0.04	47.0-48.0	1.65	233.05	0.16	23.30
1.0-2.0	1.30	1.74	0.13	0.17	48.0-49.0	1.50	234.55	0.15	23.46
2.0-3.0	2.14	3.89	0.21	0.39	49.0-50.0	1.38	235.93	0.14	23.59
3.0-4.0	2.95	6.83	0.29	0.68	50.0-51.0	1.26	237.19	0.13	23.72
4.0-5.0	3.70	10.53	0.37	1.05	51.0-52.0	1.16	238.34	0.12	23.83
5.0-6.0	4.41	14.95	0.44	1.49	52.0-53.0	1.07	239.41	0.11	23.94
6.0-7.0	5.06	20.01	0.51	2.00	53.0-54.0	0.99	240.39	0.10	24.04
7.0-8.0	5.66	25.67	0.57	2.57	54.0-55.0	0.92	241.31	0.09	24.13
8.0-9.0	6.19	31.86	0.62	3.19	55.0-56.0	0.88	242.19	0.09	24.22
9.0-10.0	6.65	38.51	0.67	3.85	56.0-57.0	0.85	243.04	0.08	24.30
10.0-11.0	7.04	45.55	0.70	4.55	57.0-58.0	0.83	243.87	0.08	24.39
11.0-12.0	7.34	52.89	0.73	5.29	58.0-59.0	0.82	244.68	0.08	24.47
12.0-13.0	7.55	60.44	0.76	6.04	59.0-60.0	0.80	245.49	0.08	24.55
13.0-14.0	7.69	68.13	0.77	6.81	60.0-61.0	0.78	246.27	0.08	24.63
14.0-15.0	7.76	75.88	0.78	7.59	61.0-62.0	0.75	247.02	0.08	24.70
15.0-16.0	7.76	83.65	0.78	8.36	62.0-63.0	0.71	247.74	0.07	24.77
16.0-17.0	7.71	91.36	0.77	9.14	63.0-64.0	0.68	248.41	0.07	24.84
17.0-18.0	7.62	98.99	0.76	9.90	64.0-65.0	0.64	249.05	0.06	24.91
18.0-19.0	7.50	106.49	0.75	10.65	65.0-66.0	0.60	249.65	0.06	24.97
19.0-20.0	7.35	113.84	0.74	11.38	66.0-67.0	0.56	250.21	0.06	25.02
20.0-21.0	7.18	121.02	0.72	12.10	67.0-68.0	0.52	250.72	0.05	25.07
21.0-22.0	7.00	128.02	0.70	12.80	68.0-69.0	0.48	251.20	0.05	25.12
22.0-23.0	6.80	134.83	0.68	13.48	69.0-70.0	0.43	251.63	0.04	25.16
23.0-24.0	6.59	141.42	0.66	14.14	70.0-71.0	0.39	252.03	0.04	25.20
24.0-25.0	6.38	147.80	0.64	14.78	71.0-72.0	0.35	252.38	0.04	25.24
25.0-26.0	6.16	153.96	0.62	15.40	72.0-73.0	0.31	252.69	0.03	25.27
26.0-27.0	5.94	159.90	0.59	15.99	73.0-74.0	0.27	252.96	0.03	25.30
27.0-28.0	5.72	165.62	0.57	16.56	74.0-75.0	0.23	253.18	0.02	25.32
28.0-29.0	5.48	171.10	0.55	17.11	75.0-76.0	0.18	253.37	0.02	25.34
29.0-30.0	5.25	176.35	0.52	17.63	76.0-77.0	0.14	253.51	0.01	25.35
30.0-31.0	5.00	181.35	0.50	18.13	77.0-78.0	0.11	253.62	0.01	25.36
31.0-32.0	4.75	186.10	0.48	18.61	78.0-79.0	0.07	253.69	0.01	25.37
32.0-33.0	4.50	190.60	0.45	19.06	79.0-80.0	0.05	253.74	0.00	25.37
33.0-34.0	4.25	194.85	0.43	19.49	80.0-81.0	0.03	253.76	0.00	25.38
34.0-35.0	4.01	198.87	0.40	19.89	81.0-82.0	0.01	253.78	0.00	25.38
35.0-36.0	3.79	202.66	0.38	20.27	82.0-83.0	0.00	253.78	0.00	25.38
36.0-37.0	3.58	206.24	0.36	20.62	83.0-84.0	0.00	253.78	0.00	25.38
37.0-38.0	3.37	209.61	0.34	20.96	84.0-85.0	0.00	253.78	0.00	25.38
38.0-39.0	3.16	212.77	0.32	21.28	85.0-86.0	0.00	253.78	0.00	25.38
39.0-40.0	2.95	215.72	0.29	21.57	86.0-87.0	0.00	253.78	0.00	25.38
40.0-41.0	2.74	218.46	0.27	21.85	87.0-88.0	0.00	253.78	0.00	25.38
41.0-42.0	2.56	221.01	0.26	22.10	88.0-89.0	0.00	253.78	0.00	25.38
42.0-43.0	2.38	223.40	0.24	22.34	89.0-90.0	0.00	253.78	0.00	25.38
43.0-44.0	2.22	225.62	0.22	22.56	90.0-91.0	0.00	253.78	0.00	25.38
44.0-45.0	2.07	227.68	0.21	22.77	91.0-92.0	0.00	253.78	0.00	25.38
45.0-46.0	1.93	229.61	0.19	22.96	92.0-93.0	0.00	253.78	0.00	25.38
46.0-47.0	1.79	231.40	0.18	23.14	93.0-94.0	0.00	253.78	0.00	25.38

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	253.78	0.00	25.38	141.0-142.0	0.00	253.78	0.00	25.38
95.0-96.0	0.00	253.78	0.00	25.38	142.0-143.0	0.00	253.78	0.00	25.38
96.0-97.0	0.00	253.78	0.00	25.38	143.0-144.0	0.00	253.78	0.00	25.38
97.0-98.0	0.00	253.78	0.00	25.38	144.0-145.0	0.00	253.78	0.00	25.38
98.0-99.0	0.00	253.78	0.00	25.38	145.0-146.0	0.00	253.78	0.00	25.38
99.0-100.0	0.00	253.78	0.00	25.38	146.0-147.0	0.00	253.78	0.00	25.38
100.0-101.0	0.00	253.78	0.00	25.38	147.0-148.0	0.00	253.78	0.00	25.38
101.0-102.0	0.00	253.78	0.00	25.38	148.0-149.0	0.00	253.78	0.00	25.38
102.0-103.0	0.00	253.78	0.00	25.38	149.0-150.0	0.00	253.78	0.00	25.38
103.0-104.0	0.00	253.78	0.00	25.38	150.0-151.0	0.00	253.78	0.00	25.38
104.0-105.0	0.00	253.78	0.00	25.38	151.0-152.0	0.00	253.78	0.00	25.38
105.0-106.0	0.00	253.78	0.00	25.38	152.0-153.0	0.00	253.78	0.00	25.38
106.0-107.0	0.00	253.78	0.00	25.38	153.0-154.0	0.00	253.78	0.00	25.38
107.0-108.0	0.00	253.78	0.00	25.38	154.0-155.0	0.00	253.78	0.00	25.38
108.0-109.0	0.00	253.78	0.00	25.38	155.0-156.0	0.00	253.78	0.00	25.38
109.0-110.0	0.00	253.78	0.00	25.38	156.0-157.0	0.00	253.78	0.00	25.38
110.0-111.0	0.00	253.78	0.00	25.38	157.0-158.0	0.00	253.78	0.00	25.38
111.0-112.0	0.00	253.78	0.00	25.38	158.0-159.0	0.00	253.78	0.00	25.38
112.0-113.0	0.00	253.78	0.00	25.38	159.0-160.0	0.00	253.78	0.00	25.38
113.0-114.0	0.00	253.78	0.00	25.38	160.0-161.0	0.00	253.78	0.00	25.38
114.0-115.0	0.00	253.78	0.00	25.38	161.0-162.0	0.00	253.78	0.00	25.38
115.0-116.0	0.00	253.78	0.00	25.38	162.0-163.0	0.00	253.78	0.00	25.38
116.0-117.0	0.00	253.78	0.00	25.38	163.0-164.0	0.00	253.78	0.00	25.38
117.0-118.0	0.00	253.78	0.00	25.38	164.0-165.0	0.00	253.78	0.00	25.38
118.0-119.0	0.00	253.78	0.00	25.38	165.0-166.0	0.00	253.78	0.00	25.38
119.0-120.0	0.00	253.78	0.00	25.38	166.0-167.0	0.00	253.78	0.00	25.38
120.0-121.0	0.00	253.78	0.00	25.38	167.0-168.0	0.00	253.78	0.00	25.38
121.0-122.0	0.00	253.78	0.00	25.38	168.0-169.0	0.00	253.78	0.00	25.38
122.0-123.0	0.00	253.78	0.00	25.38	169.0-170.0	0.00	253.78	0.00	25.38
123.0-124.0	0.00	253.78	0.00	25.38	170.0-171.0	0.00	253.78	0.00	25.38
124.0-125.0	0.00	253.78	0.00	25.38	171.0-172.0	0.00	253.78	0.00	25.38
125.0-126.0	0.00	253.78	0.00	25.38	172.0-173.0	0.00	253.78	0.00	25.38
126.0-127.0	0.00	253.78	0.00	25.38	173.0-174.0	0.00	253.78	0.00	25.38
127.0-128.0	0.00	253.78	0.00	25.38	174.0-175.0	0.00	253.78	0.00	25.38
128.0-129.0	0.00	253.78	0.00	25.38	175.0-176.0	0.00	253.78	0.00	25.38
129.0-130.0	0.00	253.78	0.00	25.38	176.0-177.0	0.00	253.78	0.00	25.38
130.0-131.0	0.00	253.78	0.00	25.38	177.0-178.0	0.00	253.78	0.00	25.38
131.0-132.0	0.00	253.78	0.00	25.38	178.0-179.0	0.00	253.78	0.00	25.38
132.0-133.0	0.00	253.78	0.00	25.38	179.0-180.0	0.00	253.78	0.00	25.38
133.0-134.0	0.00	253.78	0.00	25.38					
134.0-135.0	0.00	253.78	0.00	25.38					
135.0-136.0	0.00	253.78	0.00	25.38					
136.0-137.0	0.00	253.78	0.00	25.38					
137.0-138.0	0.00	253.78	0.00	25.38					
138.0-139.0	0.00	253.78	0.00	25.38					
139.0-140.0	0.00	253.78	0.00	25.38					
140.0-141.0	0.00	253.78	0.00	25.38					

Rectangle ISO Lighting Intensity Diagram

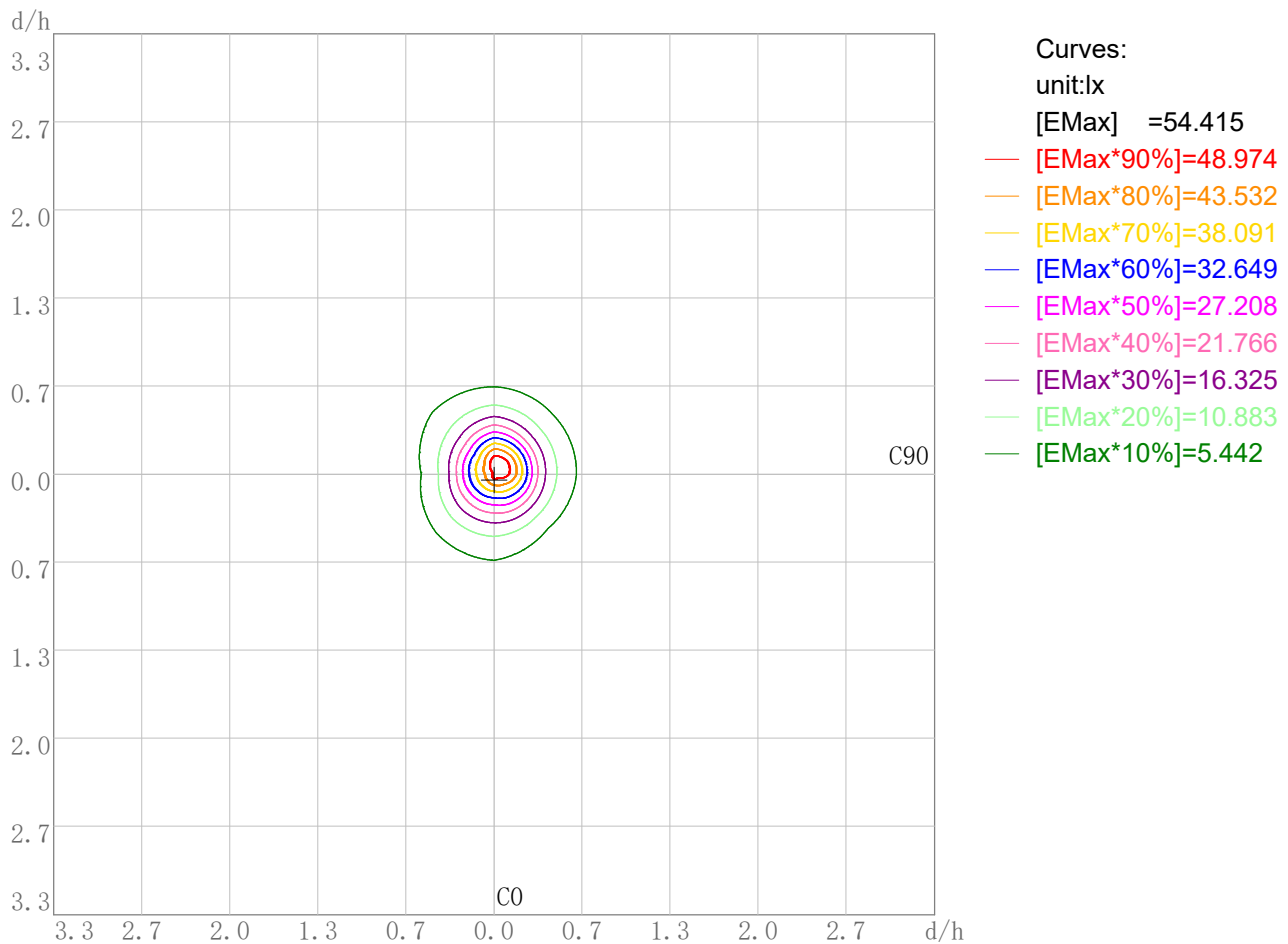
Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name: L-MR11-F2-3W-30K	Lamp Catalog:	Test Lab: Mundial LUX
Manufacture:	Test Machine:GON-2000	Test Date: 2021/11/10



Plane ISO-Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name: L-MR11-F2-3W-30K	Lamp Catalog:	Test Lab: Mundial LUX
Manufacture:	Test Machine:GON-2000	Test Date: 2021/11/10

Plane ISO-Illuminance Curve

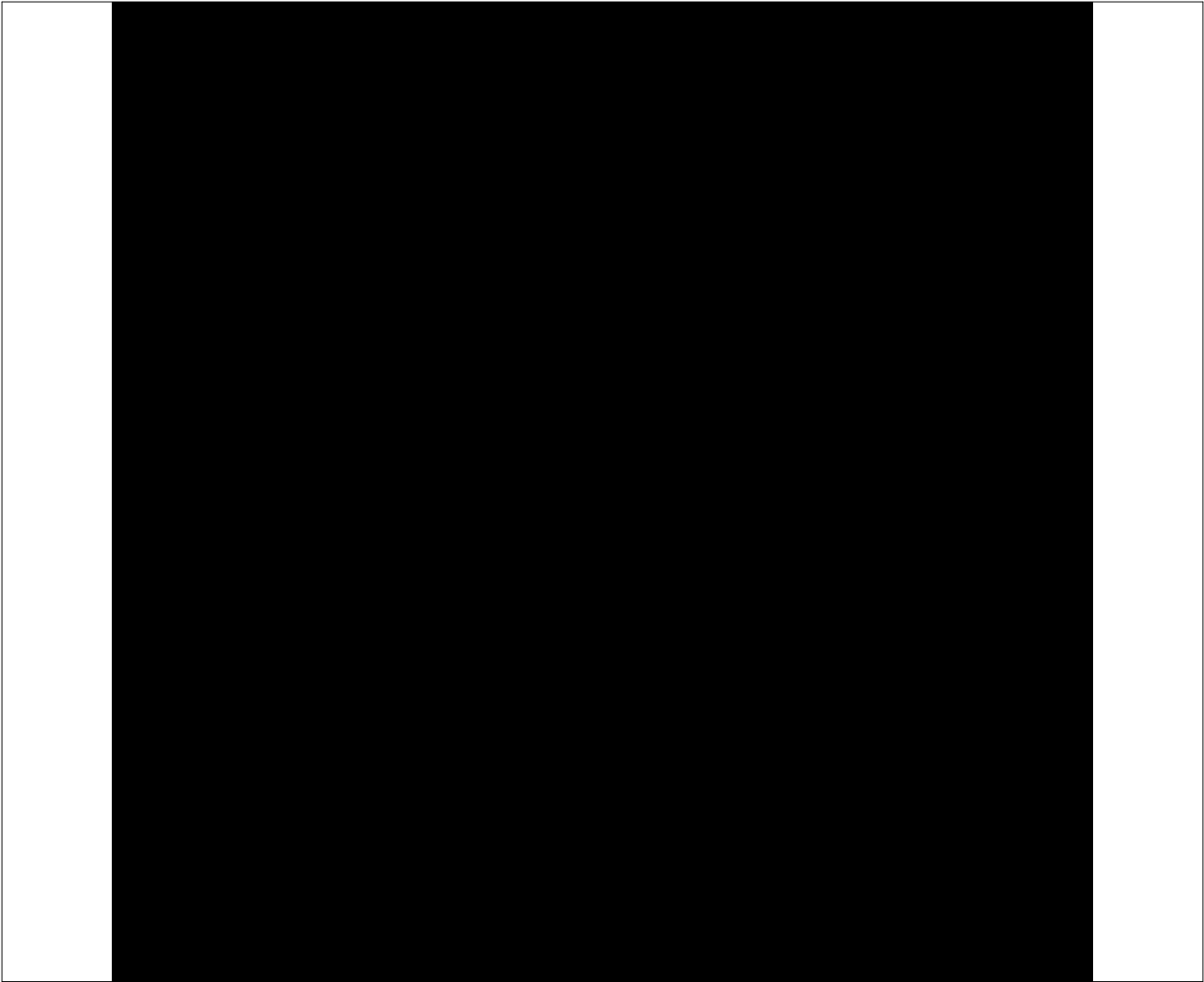


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 54.42
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

3D Plane ISO Illuminance Diagram

Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name: L-MR11-F2-3W-30K	Lamp Catelog:	Test Lab: Mundial LUX
Manufacture:	Test Machine:GON-2000	Test Date: 2021/11/10

3D Plane Illuminance Modal



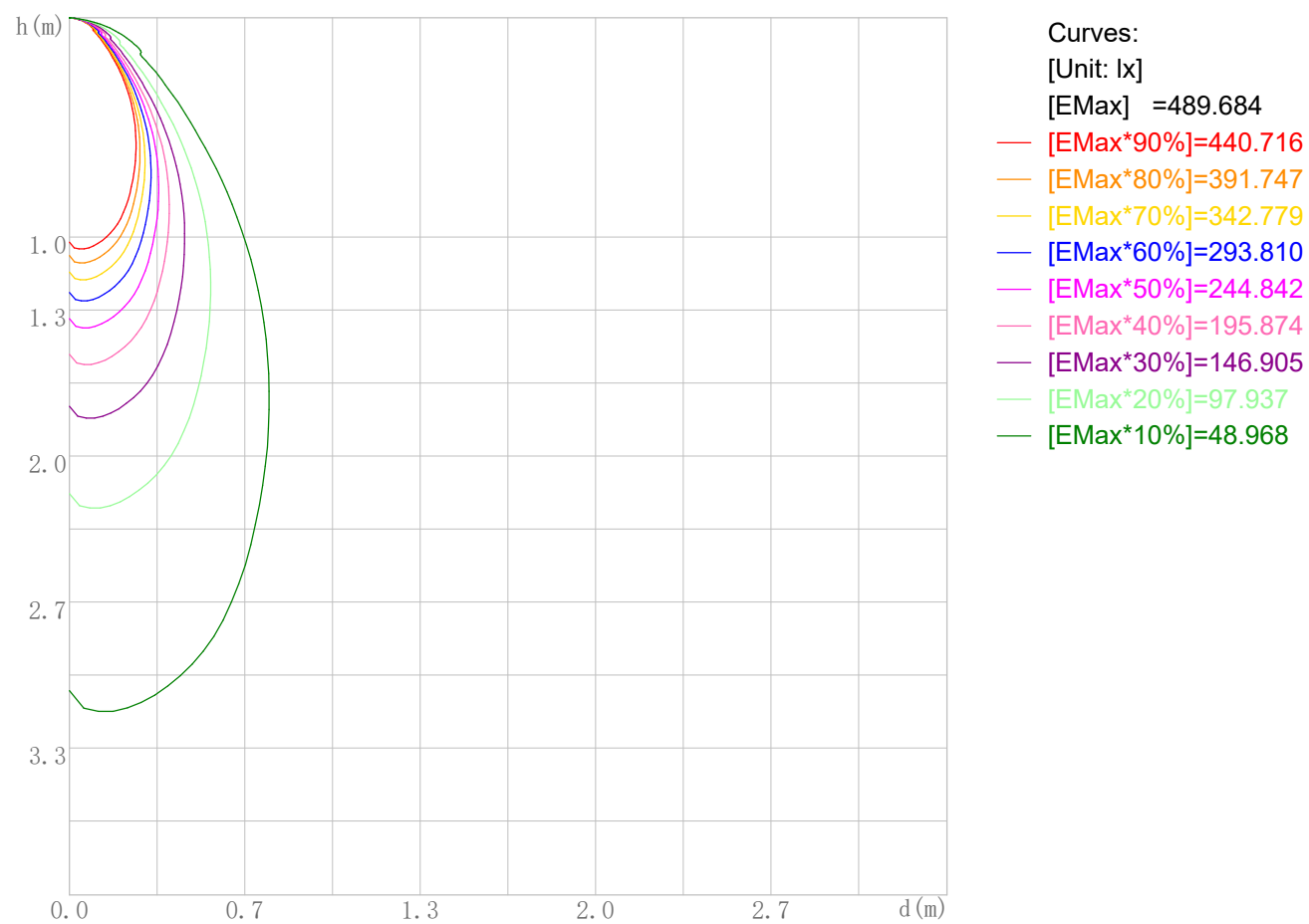
Curves: 3D Model—— 90%—— 80%—— 70%—— 60%—— 50%—— 40%—— 30%—— 20%—— 10%——

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

Space ISO Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name: L-MR11-F2-3W-30K	Lamp Catalog:	Test Lab: Mundial LUX
Manufacture:	Test Machine:GON-2000	Test Date: 2021/11/10

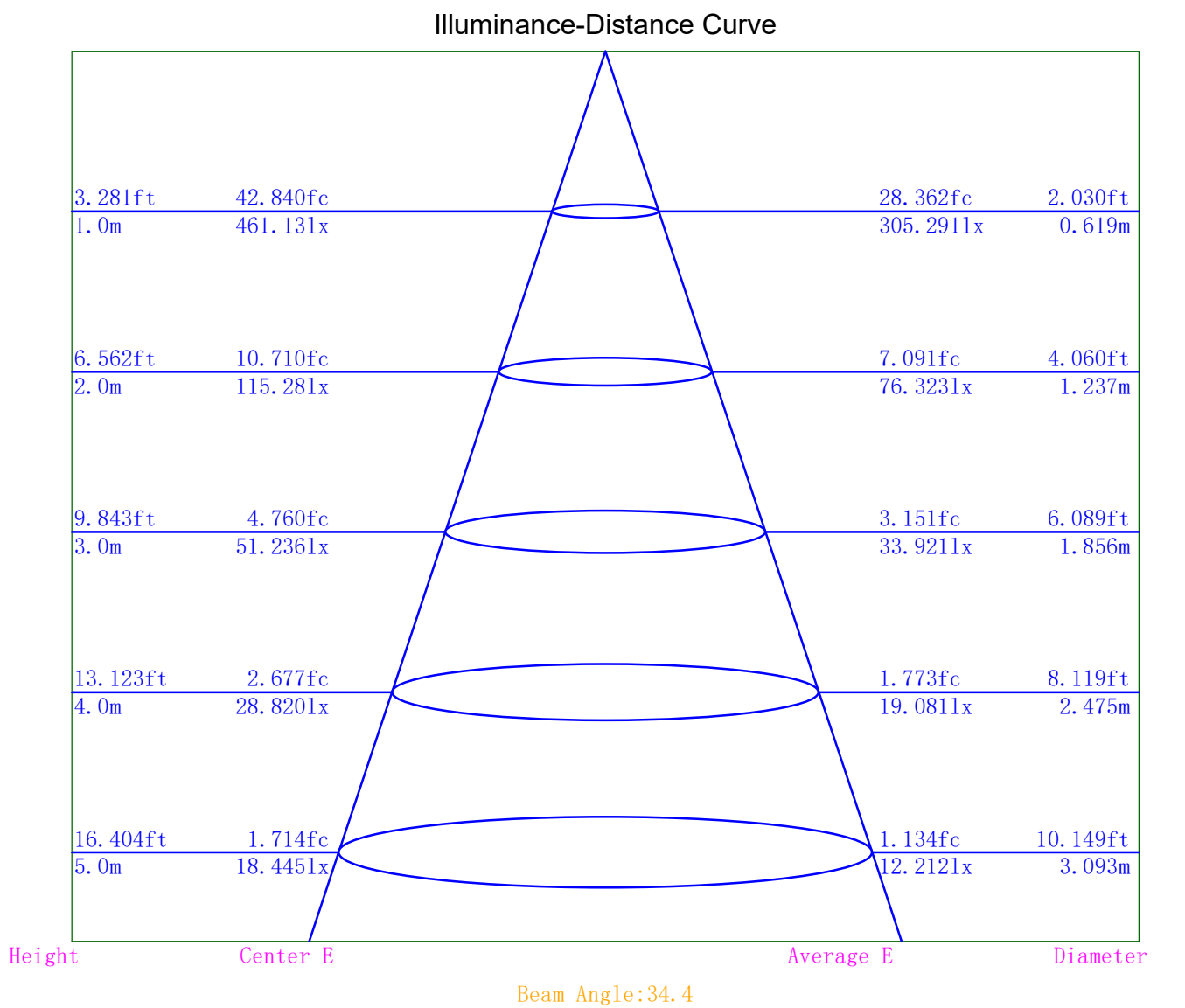
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:489.68lx,2.0deg
Plane Maximum Lighting Intensity and @Angle:491.699cd,0deg

Illuminance-Distance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name: L-MR11-F2-3W-30K	Lamp Catalog:	Test Lab: Mundial LUX
Manufacture:	Test Machine:GON-2000	Test Date: 2021/11/10



Indoor Luminance Limiting Curves

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name: L-MR11-F2-3W-30K	Lamp Catalog:	Test Lab: Mundial LUX
Manufacture:	Test Machine:GON-2000	Test Date: 2021/11/10

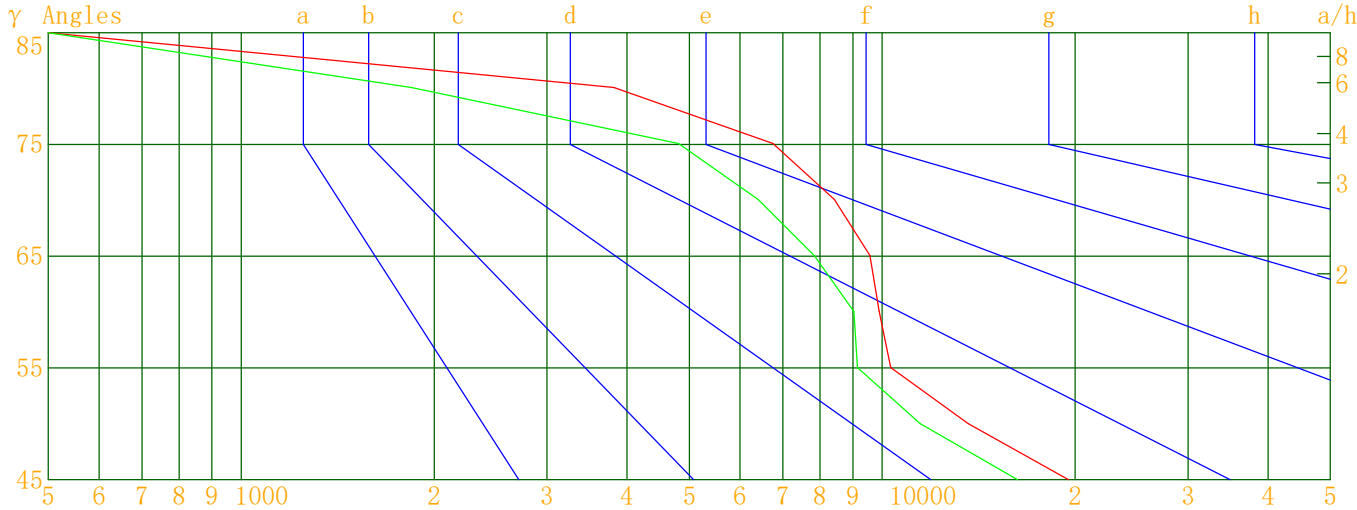
Glare Grade Table

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	19530	13625	10310	9895	9571	8425	6753	3816	0
C90	16256	11456	9154	9030	7837	6406	4813	1842	0

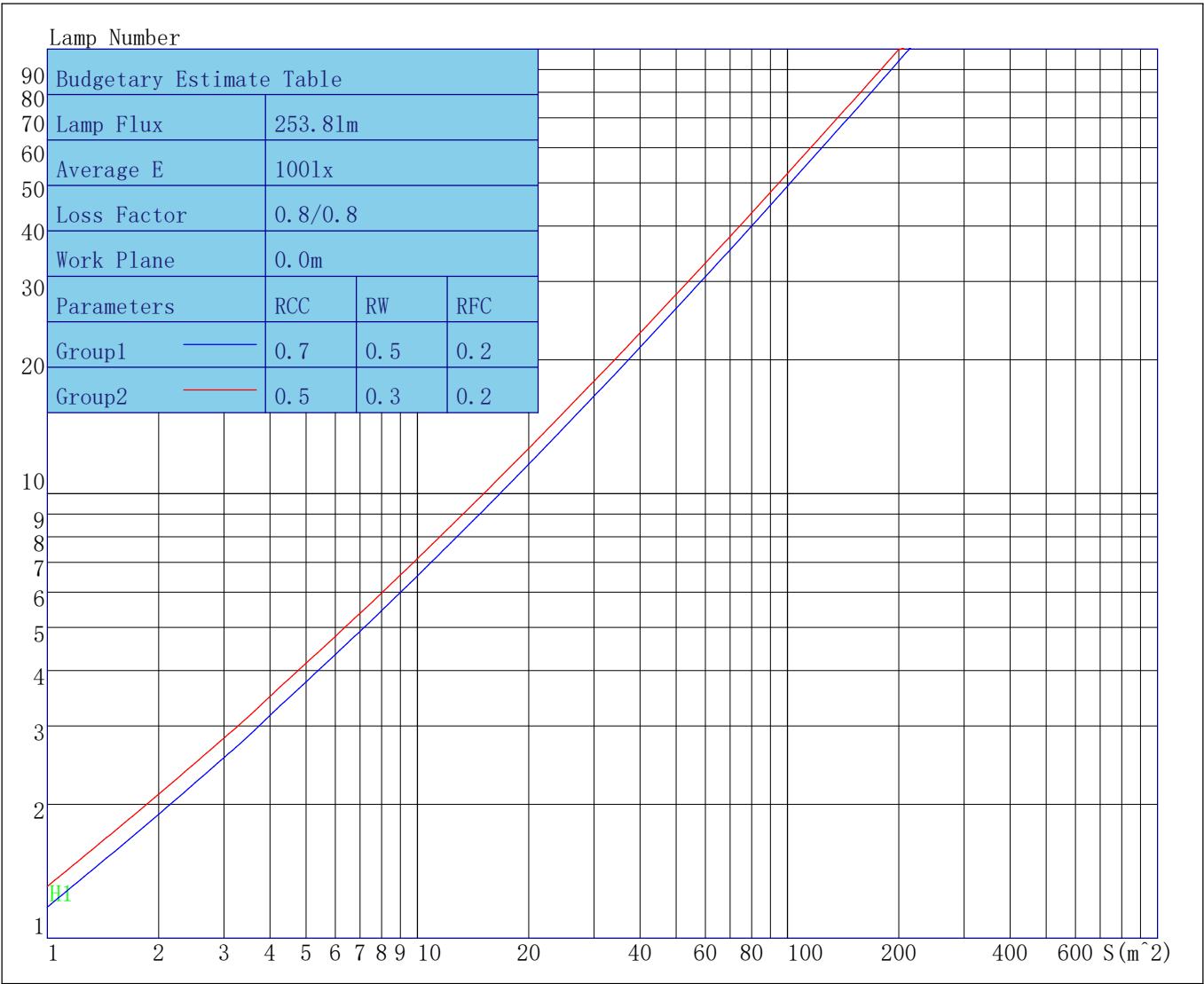
Luminance Limiting Curve



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:	Lum. Catalog:	Test ID:
Lamp Name: L-MR11-F2-3W-30K	Lamp Catalog:	Test Lab: Mundial LUX
Manufacture:	Test Machine:GON-2000	Test Date: 2021/11/10



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

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name: L-MR11-F2-3W-30K	Lamp Catalog:	Test Lab: Mundial LUX
Manufacture:	Test Machine:GON-2000	Test Date: 2021/11/10

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	30	30	30	30	30	30	30	30	28	28	28	27	27	27	26	26	26	25
1	29	28	27	27	28	27	27	26	26	26	26	25	25	25	25	24	24	24
2	27	26	25	24	27	26	25	24	25	24	23	24	23	23	23	23	22	22
3	26	24	23	22	25	24	23	22	23	22	21	23	22	21	22	21	21	20
4	25	23	21	20	24	22	21	20	22	21	20	21	20	19	21	20	19	19
5	23	21	20	19	23	21	20	18	20	19	18	20	19	18	20	19	18	18
6	22	20	18	17	22	20	18	17	19	18	17	19	18	17	19	18	17	16
7	21	19	17	16	21	19	17	16	18	17	16	18	17	16	18	17	16	16
8	20	18	16	15	20	18	16	15	17	16	15	17	16	15	17	16	15	15
9	19	17	15	14	19	17	15	14	16	15	14	16	15	14	16	15	14	14
10	18	16	15	14	18	16	15	14	16	14	14	16	14	14	15	14	13	13

Unified Glare Rating Table

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name: L-MR11-F2-3W-30K	Lamp Catalog:	Test Lab: Mundial LUX
Manufacture:	Test Machine:GON-2000	Test Date: 2021/11/10

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 Y=3H Y=4H Y=6H Y=8H Y=12H	20.1	26.4	20.1	26.6	27.0	18.7	25.0	18.7	25.2	25.6
	20.9	26.6	20.9	27.0	27.5	19.5	25.2	19.5	25.6	26.1
	21.2	26.7	21.2	27.1	27.7	19.7	25.2	19.7	25.6	26.2
	21.3	26.5	21.3	27.0	27.5	19.8	25.0	19.8	25.5	26.0
	21.3	26.4	21.3	26.8	27.4	19.8	24.8	19.8	25.2	25.8
	21.3	26.2	21.3	26.6	27.1	19.8	24.6	19.8	25.0	25.5
X=4H Y=2H Y=3H Y=4H Y=6H Y=8H Y=12H	20.4	26.0	20.4	26.4	26.9	19.1	24.6	19.1	25.0	25.6
	21.3	26.5	21.3	27.1	27.6	19.9	25.1	19.9	25.7	26.2
	21.7	26.7	21.7	27.3	28.0	20.2	25.2	20.2	25.8	26.5
	21.9	26.7	21.9	27.3	28.2	20.3	25.1	20.3	25.8	26.7
	21.9	26.5	21.9	27.1	27.8	20.3	24.9	20.3	25.5	26.2
	21.9	26.1	21.9	26.9	27.6	20.3	24.5	20.3	25.3	26.0
X=8H Y=4H Y=6H Y=8H Y=12H	21.8	26.4	21.8	27.0	27.7	20.3	24.9	20.3	25.5	26.2
	22.0	26.5	22.0	27.4	26.3	20.4	24.9	20.4	25.9	24.7
	22.0	26.6	22.0	27.7	28.6	20.4	25.1	20.4	26.1	27.1
	22.0	26.7	22.0	27.5	29.0	20.4	25.1	20.4	25.9	27.4
X=12H Y=4H Y=6H Y=8H	21.8	26.0	21.8	26.8	27.5	20.3	24.5	20.3	25.3	26.0
	22.0	26.3	22.0	27.2	28.0	20.4	24.7	20.4	25.6	26.5
	22.0	26.7	22.0	27.5	29.0	20.4	25.1	20.4	25.9	27.4
Variations with the objerver position at spacings										
S=1.0H	1.2/-1.5					1.7/-2.3				
S=1.5H	1.8/-2.4					2.1/-3.4				
S=2.0H	2.1/-3.0					2.5/-4.0				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	0.9					0.8				

o the CIE Pub.117, data has been corrected, refers to the lamp's lumens 8.2flm.

IES Indoor Report
Photometric Filename:ML-0255.IES

Candela Tabulation

V/H	C0. 0	C45. 0	C90. 0	C135. 0	C180. 0	C225. 0	C270. 0	C315. 0
γ 0. 0	461. 13	461. 13	461. 13	461. 13	461. 13	461. 13	461. 13	461. 13
γ 1. 0	485. 37	473. 19	457. 08	446. 82	461. 72	445. 10	436. 14	444. 90
γ 2. 0	490. 58	482. 36	463. 54	442. 72	444. 32	428. 03	422. 52	438. 70
γ 3. 0	491. 70	486. 32	466. 22	434. 34	426. 27	411. 33	409. 68	430. 64
γ 4. 0	488. 41	486. 76	464. 64	423. 34	407. 81	395. 19	397. 01	421. 02
γ 5. 0	482. 62	482. 59	459. 33	411. 61	389. 76	380. 52	385. 50	410. 76
γ 6. 0	474. 73	474. 45	451. 17	398. 27	372. 10	366. 74	374. 16	400. 15
γ 7. 0	465. 01	464. 00	440. 76	384. 71	355. 98	353. 37	362. 25	388. 61
γ 8. 0	453. 99	452. 15	428. 56	371. 22	340. 13	339. 42	350. 04	376. 08
γ 9. 0	441. 54	438. 52	414. 29	357. 47	324. 41	324. 82	336. 86	362. 47
γ 10. 0	427. 55	422. 70	399. 03	343. 23	308. 54	309. 29	322. 35	347. 65
γ 11. 0	412. 22	405. 08	381. 90	328. 22	293. 61	293. 48	306. 65	331. 26
γ 12. 0	394. 82	385. 74	363. 05	312. 82	278. 60	277. 80	289. 99	314. 37
γ 13. 0	375. 94	364. 40	342. 05	296. 50	264. 12	262. 42	272. 04	297. 01
γ 14. 0	357. 03	342. 46	320. 38	280. 02	250. 13	247. 76	253. 94	279. 49
γ 15. 0	337. 86	319. 85	298. 25	263. 46	236. 89	233. 78	235. 88	263. 37
γ 16. 0	318. 14	297. 07	276. 01	246. 85	224. 78	220. 62	218. 45	247. 06
γ 17. 0	299. 10	274. 70	254. 51	230. 82	212. 99	208. 39	201. 96	231. 56
γ 18. 0	280. 74	254. 04	234. 59	215. 00	201. 15	196. 35	186. 21	217. 06
γ 19. 0	263. 29	234. 57	216. 49	199. 71	189. 82	184. 96	171. 35	203. 25
γ 20. 0	246. 73	216. 85	200. 10	184. 97	179. 11	174. 08	157. 69	190. 24
γ 21. 0	230. 77	200. 65	184. 98	170. 95	168. 85	163. 83	145. 29	178. 32
γ 22. 0	215. 16	185. 70	171. 23	157. 56	159. 29	153. 85	133. 90	167. 01
γ 23. 0	200. 30	171. 85	158. 62	144. 88	149. 94	144. 26	123. 04	156. 61
γ 24. 0	186. 30	159. 15	147. 17	132. 73	141. 18	135. 37	113. 14	147. 33
γ 25. 0	173. 12	147. 38	136. 65	121. 62	133. 20	127. 35	103. 90	138. 95
γ 26. 0	160. 63	136. 49	126. 81	111. 08	125. 83	119. 79	95. 27	131. 17
γ 27. 0	148. 81	126. 17	117. 61	101. 11	119. 19	112. 48	87. 07	124. 12
γ 28. 0	137. 35	116. 76	109. 06	91. 88	112. 78	105. 30	79. 20	117. 43
γ 29. 0	126. 58	107. 71	100. 95	83. 42	106. 33	98. 49	71. 94	111. 28
γ 30. 0	116. 40	99. 18	93. 36	75. 49	100. 68	91. 96	65. 20	105. 15
γ 31. 0	106. 67	91. 32	86. 24	67. 97	94. 82	85. 43	58. 81	98. 73
γ 32. 0	97. 56	83. 85	79. 46	61. 25	88. 80	79. 27	53. 02	93. 26
γ 33. 0	88. 83	76. 76	72. 99	55. 03	83. 47	73. 22	47. 81	87. 51
γ 34. 0	80. 68	70. 02	66. 83	49. 43	78. 81	67. 58	43. 19	81. 90
γ 35. 0	73. 41	63. 78	60. 92	44. 67	74. 88	62. 25	39. 12	76. 70
γ 36. 0	66. 76	58. 28	55. 52	40. 17	71. 31	57. 06	35. 44	72. 24
γ 37. 0	60. 56	53. 49	50. 66	36. 08	68. 40	52. 18	32. 01	67. 47
γ 38. 0	55. 04	49. 35	46. 01	32. 52	64. 89	47. 66	29. 10	62. 69
γ 39. 0	49. 50	44. 71	41. 48	29. 19	60. 92	43. 49	26. 51	57. 77
γ 40. 0	44. 49	40. 28	37. 21	26. 45	56. 99	39. 79	24. 36	52. 81
γ 41. 0	40. 12	36. 18	33. 42	24. 21	53. 24	36. 56	22. 49	47. 63
γ 42. 0	36. 12	32. 64	30. 14	22. 23	49. 90	33. 47	20. 82	43. 53
γ 43. 0	32. 82	29. 54	27. 26	20. 43	46. 16	30. 62	19. 37	39. 55
γ 44. 0	29. 91	26. 63	24. 74	18. 83	42. 48	27. 77	18. 07	36. 05
γ 45. 0	27. 11	24. 07	22. 57	17. 47	39. 64	25. 02	16. 86	33. 27
γ 46. 0	24. 77	22. 03	20. 53	15. 88	36. 91	22. 37	15. 52	30. 49

Candela Tabulation - (Cont.)

V/H	C0. 0	C45. 0	C90. 0	C135. 0	C180. 0	C225. 0	C270. 0	C315. 0
γ 47. 0	22. 73	20. 00	18. 71	14. 50	34. 05	19. 93	14. 09	27. 43
γ 48. 0	20. 53	18. 05	16. 99	13. 38	30. 10	17. 98	12. 71	24. 45
γ 49. 0	18. 62	15. 99	15. 58	12. 62	26. 09	16. 52	11. 66	21. 60
γ 50. 0	17. 20	14. 36	14. 46	11. 46	22. 40	15. 37	11. 11	18. 91
γ 51. 0	15. 85	12. 73	13. 39	10. 86	19. 14	13. 92	10. 34	16. 71
γ 52. 0	14. 72	11. 69	12. 40	9. 90	16. 69	12. 77	9. 42	14. 88
γ 53. 0	13. 73	10. 87	11. 66	8. 80	14. 60	11. 87	8. 73	13. 27
γ 54. 0	12. 50	9. 87	10. 97	8. 28	13. 07	10. 77	8. 10	12. 05
γ 55. 0	11. 61	9. 08	10. 31	7. 46	11. 88	10. 17	7. 93	11. 06
γ 56. 0	10. 77	8. 27	9. 81	6. 82	11. 41	10. 27	7. 80	10. 39
γ 57. 0	9. 74	7. 44	9. 31	6. 35	11. 11	10. 54	7. 68	10. 45
γ 58. 0	9. 38	6. 89	9. 20	6. 59	10. 65	10. 36	7. 33	10. 45
γ 59. 0	9. 47	6. 90	9. 11	7. 09	9. 94	9. 80	6. 80	10. 06
γ 60. 0	9. 71	7. 13	8. 86	7. 15	9. 15	9. 25	6. 31	9. 55
γ 61. 0	9. 66	7. 14	8. 44	6. 85	8. 45	8. 73	5. 86	8. 97
γ 62. 0	9. 29	6. 93	7. 93	6. 43	7. 88	8. 24	5. 44	8. 42
γ 63. 0	8. 83	6. 58	7. 45	6. 01	7. 34	7. 77	5. 06	7. 91
γ 64. 0	8. 39	6. 18	6. 94	5. 61	6. 83	7. 34	4. 65	7. 43
γ 65. 0	7. 94	5. 76	6. 50	5. 18	6. 35	6. 86	4. 27	6. 93
γ 66. 0	7. 47	5. 33	6. 03	4. 79	5. 82	6. 39	3. 84	6. 43
γ 67. 0	7. 01	4. 94	5. 60	4. 36	5. 39	5. 90	3. 44	5. 92
γ 68. 0	6. 56	4. 55	5. 18	3. 92	4. 91	5. 45	3. 03	5. 49
γ 69. 0	6. 09	4. 16	4. 71	3. 48	4. 43	4. 95	2. 65	4. 99
γ 70. 0	5. 66	3. 75	4. 30	3. 10	3. 97	4. 48	2. 25	4. 60
γ 71. 0	5. 22	3. 34	3. 94	2. 73	3. 48	4. 04	1. 87	4. 17
γ 72. 0	4. 76	2. 91	3. 52	2. 34	2. 96	3. 58	1. 49	3. 74
γ 73. 0	4. 35	2. 51	3. 16	1. 95	2. 50	3. 12	1. 08	3. 31
γ 74. 0	3. 89	2. 09	2. 80	1. 59	2. 03	2. 69	0. 75	2. 88
γ 75. 0	3. 43	1. 69	2. 45	1. 23	1. 58	2. 25	0. 39	2. 47
γ 76. 0	3. 00	1. 28	2. 07	0. 87	1. 15	1. 83	0. 05	2. 04
γ 77. 0	2. 55	0. 86	1. 69	0. 49	0. 67	1. 44	0. 00	1. 65
γ 78. 0	2. 12	0. 50	1. 30	0. 15	0. 27	1. 02	0. 00	1. 27
γ 79. 0	1. 72	0. 13	0. 96	0. 00	0. 00	0. 64	0. 00	0. 87
γ 80. 0	1. 30	0. 00	0. 63	0. 00	0. 00	0. 27	0. 00	0. 50
γ 81. 0	0. 87	0. 00	0. 26	0. 00	0. 00	0. 00	0. 00	0. 19
γ 82. 0	0. 50	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
γ 83. 0	0. 12	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
γ 85. 0	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
γ 87. 0	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
γ 89. 0	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
γ 91. 0	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
γ 93. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00

Candela Tabulation - (Cont.)

V/H	C0. 0	C45. 0	C90. 0	C135. 0	C180. 0	C225. 0	C270. 0	C315. 0
γ 94. 0	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
γ 96. 0	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
γ 98. 0	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
γ 100. 0	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
γ 102. 0	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
γ 104. 0	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
γ 106. 0	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
γ 108. 0	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
γ 110. 0	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
γ 112. 0	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
γ 114. 0	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
γ 116. 0	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
γ 118. 0	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
γ 120. 0	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
γ 122. 0	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
γ 124. 0	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
γ 126. 0	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
γ 128. 0	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
γ 130. 0	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
γ 132. 0	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
γ 134. 0	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
γ 136. 0	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
γ 138. 0	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
γ 140. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00

Candela Tabulation - (Cont.)

V/H	C0. 0	C45. 0	C90. 0	C135. 0	C180. 0	C225. 0	C270. 0	C315. 0
γ 141. 0	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
γ 143. 0	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
γ 145. 0	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
γ 147. 0	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
γ 149. 0	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
γ 151. 0	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
γ 153. 0	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
γ 155. 0	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
γ 157. 0	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
γ 159. 0	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
γ 161. 0	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
γ 163. 0	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
γ 165. 0	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
γ 167. 0	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
γ 169. 0	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
γ 171. 0	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
γ 173. 0	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
γ 175. 0	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
γ 177. 0	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
γ 179. 0	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