

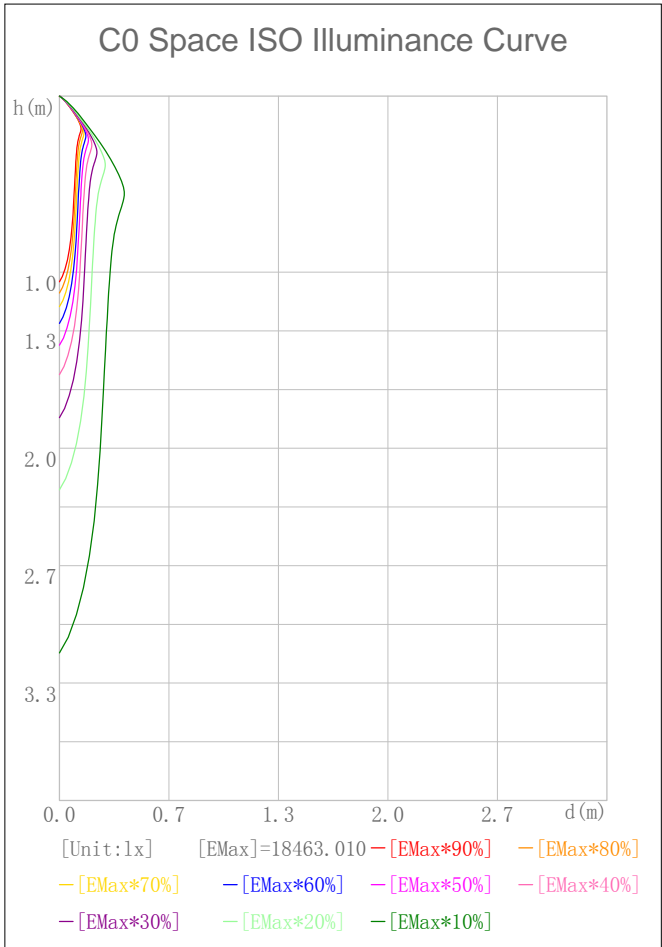
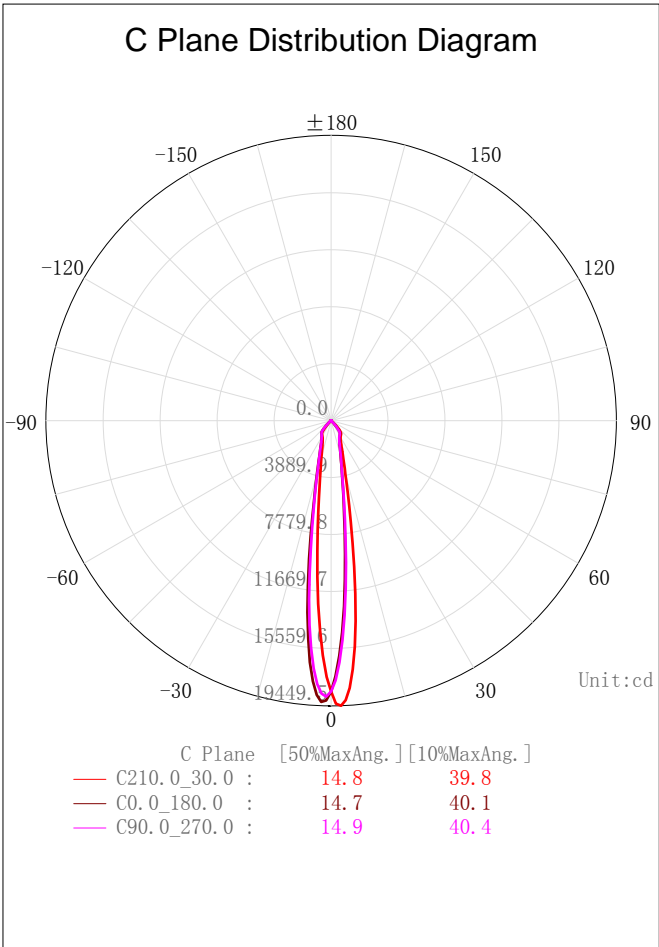
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 55252		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2022/01/16
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

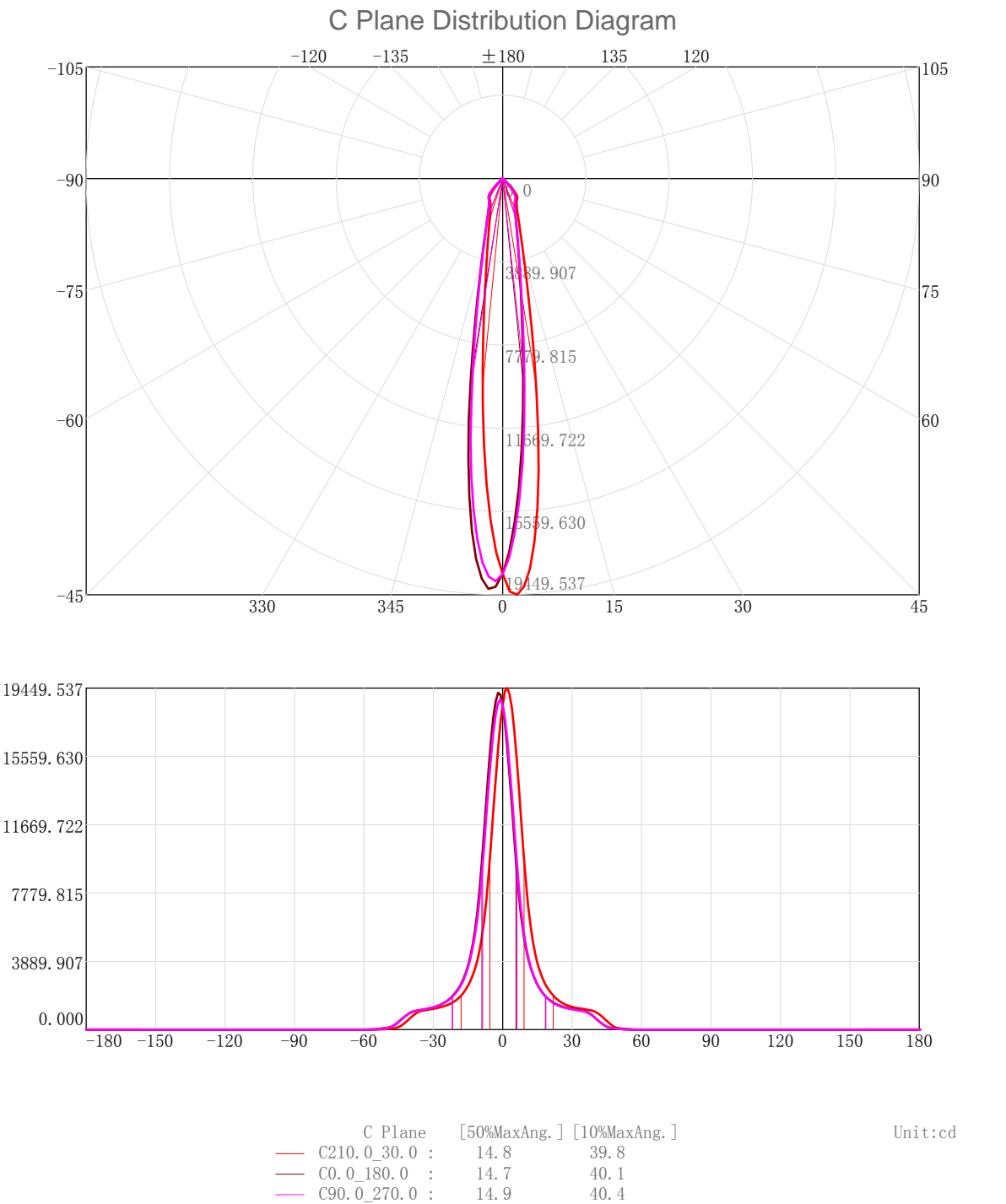
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1000.000	Luminary Flux(lm): 3588.025	Field Angle(10%Imax): 39.8(°)	
Rated Power(W):	Luminary Efficiency: 358.80%	Down Lumens&Percent: 3582.776lm 99.85%	
Rated Voltage(V):	Luminary EER(lm/W): 85.449	Up Lumens&Percent: 5.249lm 0.15%	
Tested Power(W): 41.990	Max. Candela(cd): 19449.537	S/MH: C0_a180=0.261 C90_270=0.260	
Lamps' Inside: 1	Max Cand@Ang. (°): C=210.0 γ=2.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):229.4, 0.190, 0.959	Beam Angle(50%Imax): 14.8(°)	ErP Φ use(90°): 3531.178lm	
Lamp Size (W*L*H):0.050m*0.050m*0.000m	Left=-5.5°, Right=9.2°	IRF(%): 1204.375	



2D Plane Light Intensity Distribution Curve

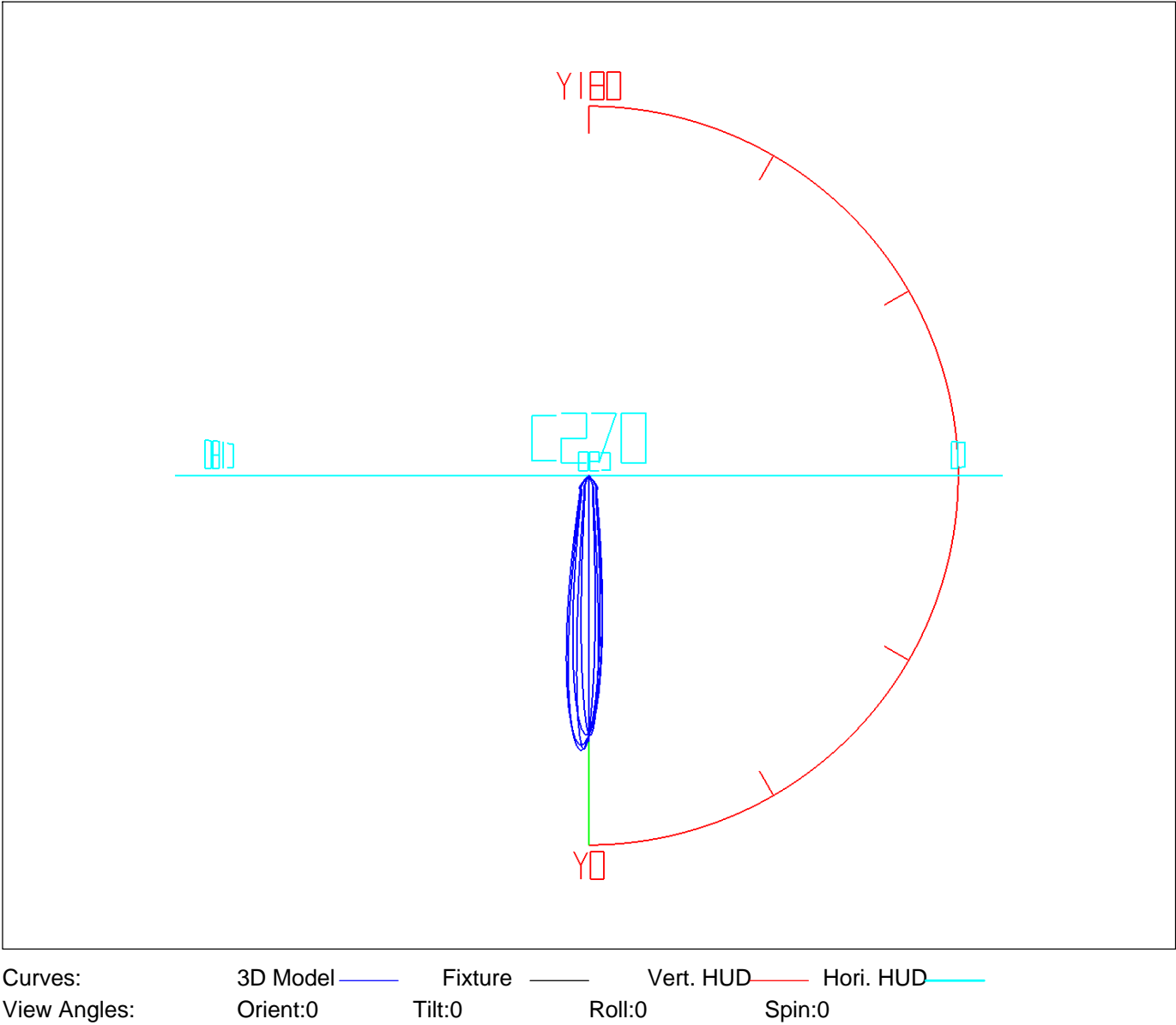
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/01/16



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: 2022/01/16

3D Light Intensity Distribution Modal



Zonal Flux Tabulation

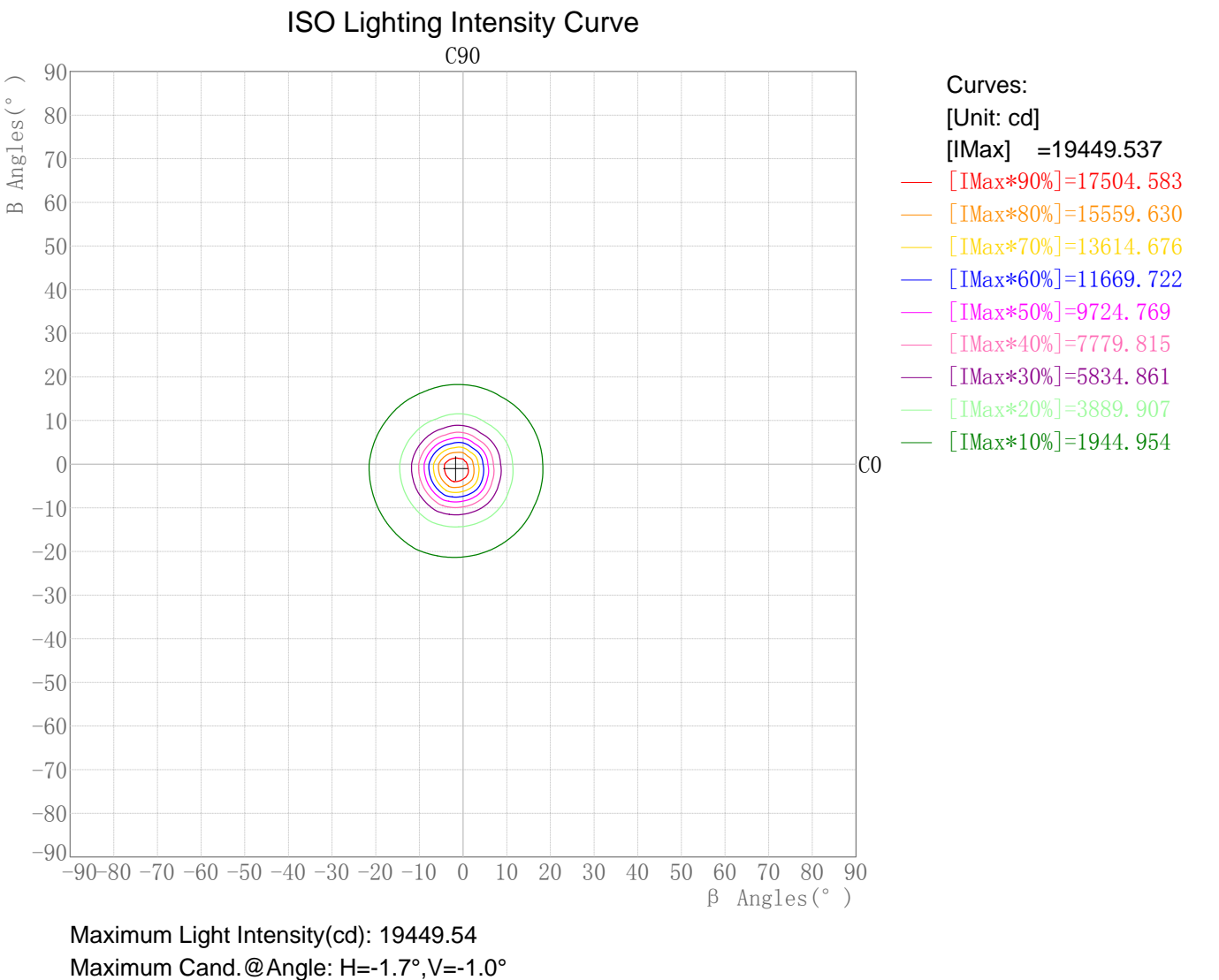
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	17.55	17.55	1.75	1.75	47.0-48.0	11.83	3544.33	1.18	354.43
1.0-2.0	51.30	68.84	5.13	6.88	48.0-49.0	8.93	3553.26	0.89	355.33
2.0-3.0	81.35	150.19	8.13	15.02	49.0-50.0	6.96	3560.22	0.70	356.02
3.0-4.0	105.80	255.99	10.58	25.60	50.0-51.0	5.61	3565.82	0.56	356.58
4.0-5.0	123.44	379.42	12.34	37.94	51.0-52.0	4.55	3570.37	0.45	357.04
5.0-6.0	133.89	513.31	13.39	51.33	52.0-53.0	3.60	3573.97	0.36	357.40
6.0-7.0	137.63	650.94	13.76	65.09	53.0-54.0	2.74	3576.71	0.27	357.67
7.0-8.0	135.78	786.73	13.58	78.67	54.0-55.0	2.03	3578.74	0.20	357.87
8.0-9.0	130.14	916.86	13.01	91.69	55.0-56.0	1.49	3580.22	0.15	358.02
9.0-10.0	122.70	1039.56	12.27	103.96	56.0-57.0	1.05	3581.28	0.11	358.13
10.0-11.0	114.70	1154.26	11.47	115.43	57.0-58.0	0.71	3581.99	0.07	358.20
11.0-12.0	106.96	1261.21	10.70	126.12	58.0-59.0	0.44	3582.43	0.04	358.24
12.0-13.0	100.18	1361.39	10.02	136.14	59.0-60.0	0.24	3582.66	0.02	358.27
13.0-14.0	94.38	1455.78	9.44	145.58	60.0-61.0	0.09	3582.76	0.01	358.28
14.0-15.0	89.30	1545.08	8.93	154.51	61.0-62.0	0.02	3582.78	0.00	358.28
15.0-16.0	85.03	1630.12	8.50	163.01	62.0-63.0	0.00	3582.78	0.00	358.28
16.0-17.0	81.45	1711.57	8.15	171.16	63.0-64.0	0.00	3582.78	0.00	358.28
17.0-18.0	78.29	1789.86	7.83	178.99	64.0-65.0	0.00	3582.78	0.00	358.28
18.0-19.0	75.62	1865.48	7.56	186.55	65.0-66.0	0.00	3582.78	0.00	358.28
19.0-20.0	73.41	1938.89	7.34	193.89	66.0-67.0	0.00	3582.78	0.00	358.28
20.0-21.0	71.58	2010.47	7.16	201.05	67.0-68.0	0.00	3582.78	0.00	358.28
21.0-22.0	70.04	2080.51	7.00	208.05	68.0-69.0	0.00	3582.78	0.00	358.28
22.0-23.0	68.79	2149.30	6.88	214.93	69.0-70.0	0.00	3582.78	0.00	358.28
23.0-24.0	67.86	2217.16	6.79	221.72	70.0-71.0	0.00	3582.78	0.00	358.28
24.0-25.0	67.22	2284.38	6.72	228.44	71.0-72.0	0.00	3582.78	0.00	358.28
25.0-26.0	66.81	2351.19	6.68	235.12	72.0-73.0	0.00	3582.78	0.00	358.28
26.0-27.0	66.64	2417.83	6.66	241.78	73.0-74.0	0.00	3582.78	0.00	358.28
27.0-28.0	66.65	2484.48	6.67	248.45	74.0-75.0	0.00	3582.78	0.00	358.28
28.0-29.0	66.82	2551.30	6.68	255.13	75.0-76.0	0.00	3582.78	0.00	358.28
29.0-30.0	67.07	2618.37	6.71	261.84	76.0-77.0	0.00	3582.78	0.00	358.28
30.0-31.0	67.39	2685.77	6.74	268.58	77.0-78.0	0.00	3582.78	0.00	358.28
31.0-32.0	67.80	2753.56	6.78	275.36	78.0-79.0	0.00	3582.78	0.00	358.28
32.0-33.0	68.26	2821.82	6.83	282.18	79.0-80.0	0.00	3582.78	0.00	358.28
33.0-34.0	68.71	2890.53	6.87	289.05	80.0-81.0	0.00	3582.78	0.00	358.28
34.0-35.0	69.03	2959.56	6.90	295.96	81.0-82.0	0.00	3582.78	0.00	358.28
35.0-36.0	69.05	3028.61	6.91	302.86	82.0-83.0	0.00	3582.78	0.00	358.28
36.0-37.0	68.48	3097.09	6.85	309.71	83.0-84.0	0.00	3582.78	0.00	358.28
37.0-38.0	66.95	3164.04	6.69	316.40	84.0-85.0	0.00	3582.78	0.00	358.28
38.0-39.0	64.28	3228.31	6.43	322.83	85.0-86.0	0.00	3582.78	0.00	358.28
39.0-40.0	60.32	3288.63	6.03	328.86	86.0-87.0	0.00	3582.78	0.00	358.28
40.0-41.0	55.06	3343.68	5.51	334.37	87.0-88.0	0.00	3582.78	0.00	358.28
41.0-42.0	48.72	3392.40	4.87	339.24	88.0-89.0	0.00	3582.78	0.00	358.28
42.0-43.0	41.66	3434.06	4.17	343.41	89.0-90.0	0.00	3582.78	0.00	358.28
43.0-44.0	34.34	3468.40	3.43	346.84	90.0-91.0	0.00	3582.78	0.00	358.28
44.0-45.0	27.28	3495.69	2.73	349.57	91.0-92.0	0.00	3582.78	0.00	358.28
45.0-46.0	21.00	3516.68	2.10	351.67	92.0-93.0	0.00	3582.78	0.00	358.28
46.0-47.0	15.82	3532.50	1.58	353.25	93.0-94.0	0.00	3582.78	0.00	358.28

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	3582.78	0.00	358.28	141.0-142.0	0.00	3582.78	0.00	358.28
95.0-96.0	0.00	3582.78	0.00	358.28	142.0-143.0	0.00	3582.78	0.00	358.28
96.0-97.0	0.00	3582.78	0.00	358.28	143.0-144.0	0.00	3582.78	0.00	358.28
97.0-98.0	0.00	3582.78	0.00	358.28	144.0-145.0	0.00	3582.78	0.00	358.28
98.0-99.0	0.00	3582.78	0.00	358.28	145.0-146.0	0.00	3582.78	0.00	358.28
99.0-100.0	0.00	3582.78	0.00	358.28	146.0-147.0	0.00	3582.78	0.00	358.28
100.0-101.0	0.00	3582.78	0.00	358.28	147.0-148.0	0.00	3582.78	0.00	358.28
101.0-102.0	0.00	3582.78	0.00	358.28	148.0-149.0	0.00	3582.78	0.00	358.28
102.0-103.0	0.00	3582.78	0.00	358.28	149.0-150.0	0.00	3582.78	0.00	358.28
103.0-104.0	0.00	3582.78	0.00	358.28	150.0-151.0	0.00	3582.78	0.00	358.28
104.0-105.0	0.00	3582.78	0.00	358.28	151.0-152.0	0.02	3582.80	0.00	358.28
105.0-106.0	0.00	3582.78	0.00	358.28	152.0-153.0	0.05	3582.85	0.01	358.29
106.0-107.0	0.00	3582.78	0.00	358.28	153.0-154.0	0.09	3582.94	0.01	358.29
107.0-108.0	0.00	3582.78	0.00	358.28	154.0-155.0	0.14	3583.08	0.01	358.31
108.0-109.0	0.00	3582.78	0.00	358.28	155.0-156.0	0.18	3583.26	0.02	358.33
109.0-110.0	0.00	3582.78	0.00	358.28	156.0-157.0	0.22	3583.48	0.02	358.35
110.0-111.0	0.00	3582.78	0.00	358.28	157.0-158.0	0.25	3583.72	0.02	358.37
111.0-112.0	0.00	3582.78	0.00	358.28	158.0-159.0	0.27	3583.99	0.03	358.40
112.0-113.0	0.00	3582.78	0.00	358.28	159.0-160.0	0.29	3584.28	0.03	358.43
113.0-114.0	0.00	3582.78	0.00	358.28	160.0-161.0	0.30	3584.57	0.03	358.46
114.0-115.0	0.00	3582.78	0.00	358.28	161.0-162.0	0.30	3584.87	0.03	358.49
115.0-116.0	0.00	3582.78	0.00	358.28	162.0-163.0	0.30	3585.18	0.03	358.52
116.0-117.0	0.00	3582.78	0.00	358.28	163.0-164.0	0.30	3585.48	0.03	358.55
117.0-118.0	0.00	3582.78	0.00	358.28	164.0-165.0	0.29	3585.77	0.03	358.58
118.0-119.0	0.00	3582.78	0.00	358.28	165.0-166.0	0.28	3586.05	0.03	358.61
119.0-120.0	0.00	3582.78	0.00	358.28	166.0-167.0	0.27	3586.32	0.03	358.63
120.0-121.0	0.00	3582.78	0.00	358.28	167.0-168.0	0.25	3586.58	0.03	358.66
121.0-122.0	0.00	3582.78	0.00	358.28	168.0-169.0	0.24	3586.81	0.02	358.68
122.0-123.0	0.00	3582.78	0.00	358.28	169.0-170.0	0.22	3587.03	0.02	358.70
123.0-124.0	0.00	3582.78	0.00	358.28	170.0-171.0	0.20	3587.23	0.02	358.72
124.0-125.0	0.00	3582.78	0.00	358.28	171.0-172.0	0.17	3587.40	0.02	358.74
125.0-126.0	0.00	3582.78	0.00	358.28	172.0-173.0	0.15	3587.55	0.02	358.76
126.0-127.0	0.00	3582.78	0.00	358.28	173.0-174.0	0.13	3587.68	0.01	358.77
127.0-128.0	0.00	3582.78	0.00	358.28	174.0-175.0	0.11	3587.79	0.01	358.78
128.0-129.0	0.00	3582.78	0.00	358.28	175.0-176.0	0.09	3587.87	0.01	358.79
129.0-130.0	0.00	3582.78	0.00	358.28	176.0-177.0	0.07	3587.94	0.01	358.79
130.0-131.0	0.00	3582.78	0.00	358.28	177.0-178.0	0.05	3587.99	0.00	358.80
131.0-132.0	0.00	3582.78	0.00	358.28	178.0-179.0	0.03	3588.02	0.00	358.80
132.0-133.0	0.00	3582.78	0.00	358.28	179.0-180.0	0.01	3588.02	0.00	358.80
133.0-134.0	0.00	3582.78	0.00	358.28					
134.0-135.0	0.00	3582.78	0.00	358.28					
135.0-136.0	0.00	3582.78	0.00	358.28					
136.0-137.0	0.00	3582.78	0.00	358.28					
137.0-138.0	0.00	3582.78	0.00	358.28					
138.0-139.0	0.00	3582.78	0.00	358.28					
139.0-140.0	0.00	3582.78	0.00	358.28					
140.0-141.0	0.00	3582.78	0.00	358.28					

Rectangle ISO Lighting Intensity Diagram

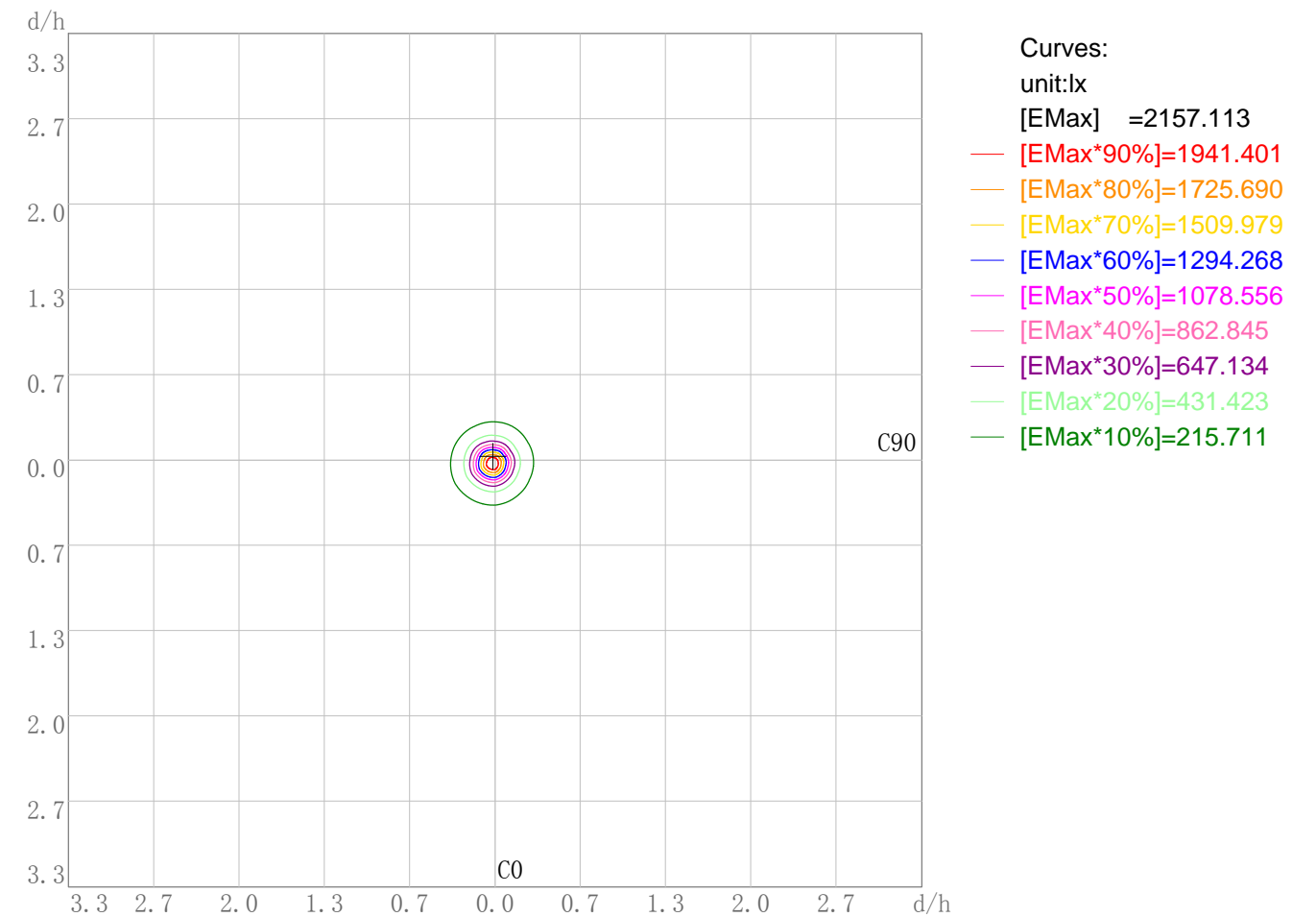
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/01/16



Plane ISO-Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/01/16

Plane ISO-Illuminance Curve

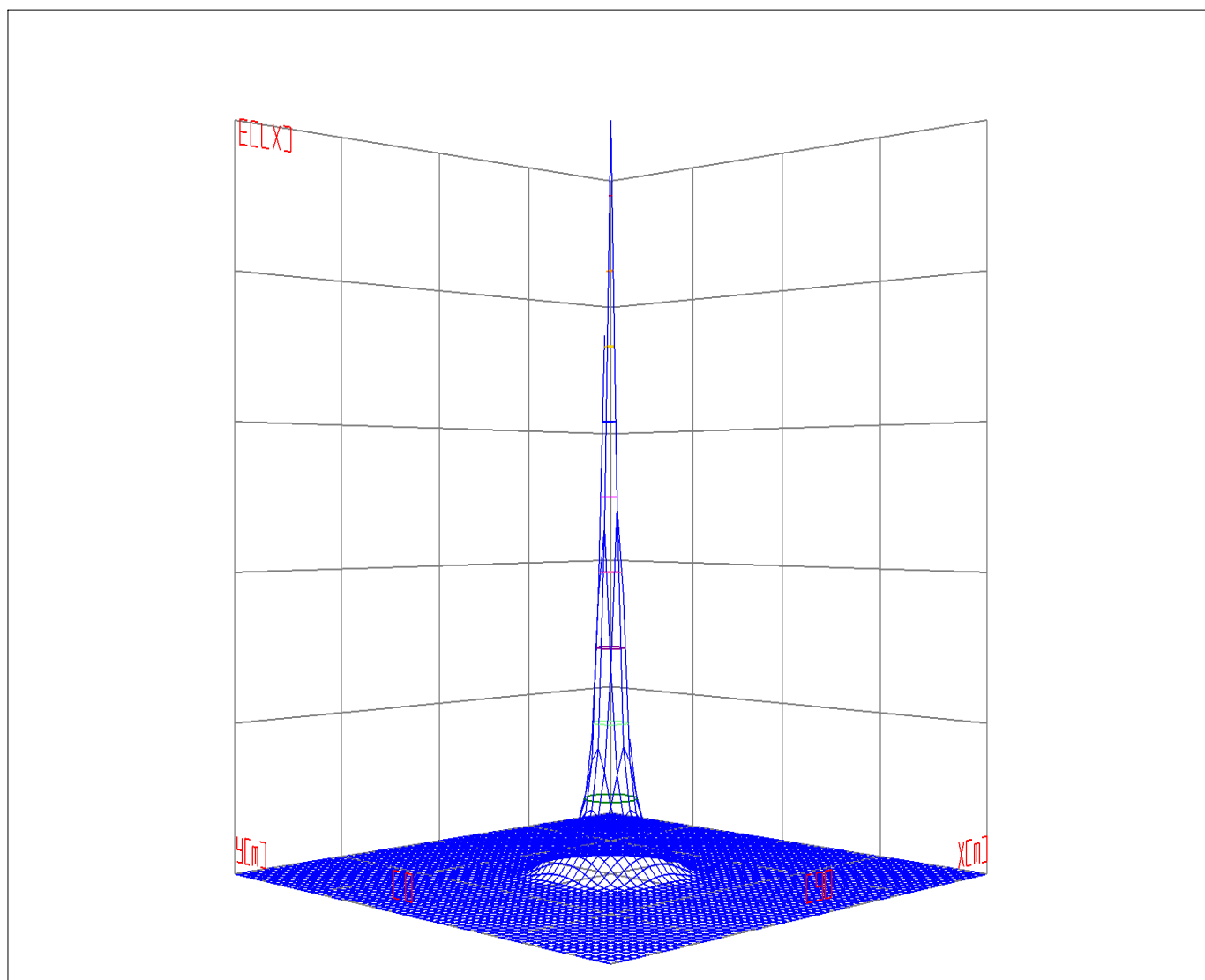


Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 2157.11  
Working Plane Maximum Illuminance Position(d/h):H-0.0 V-0.0

## 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: 2022/01/16

## 3D Plane Illuminance Modal



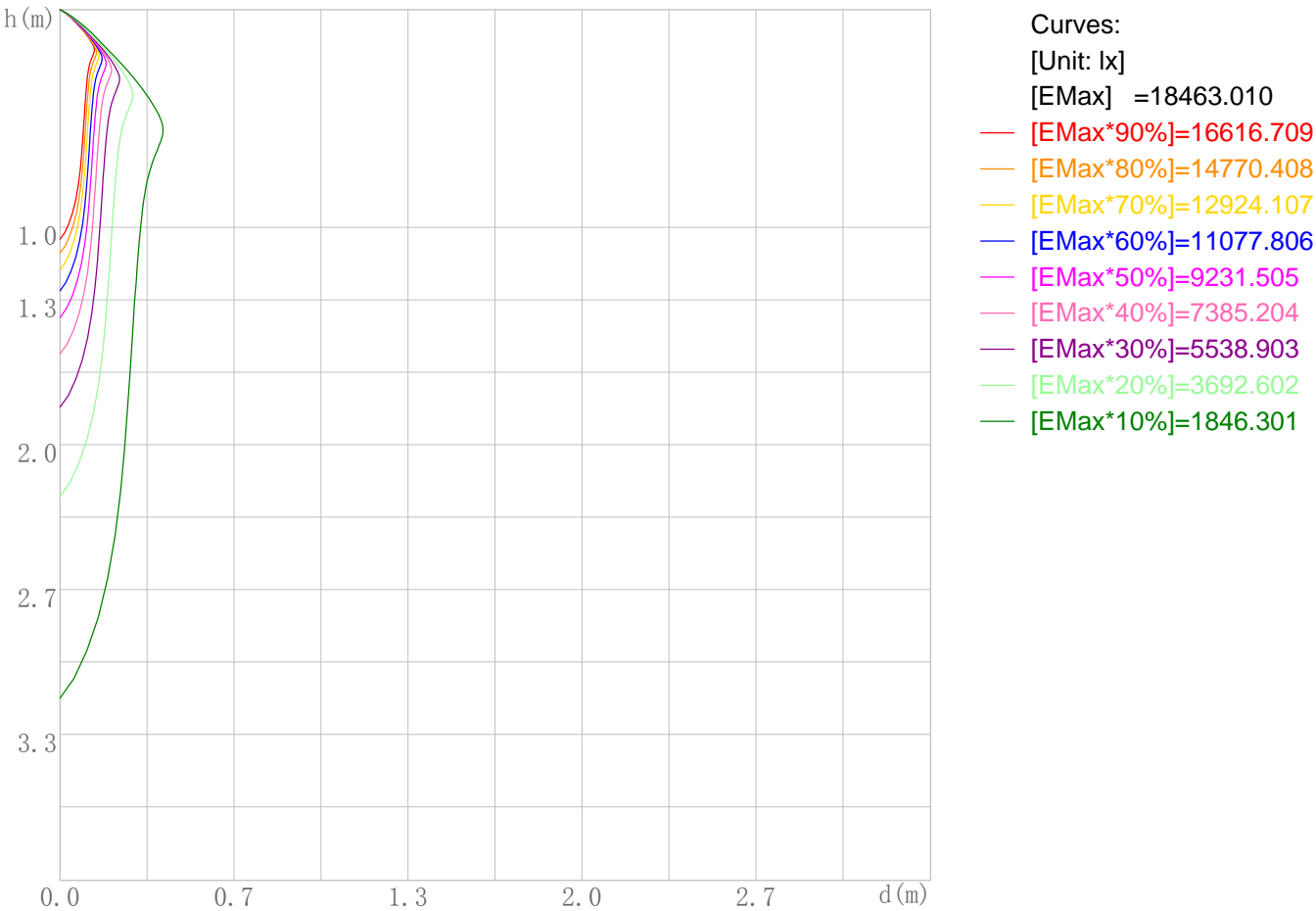
Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0



Space ISO Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/01/16

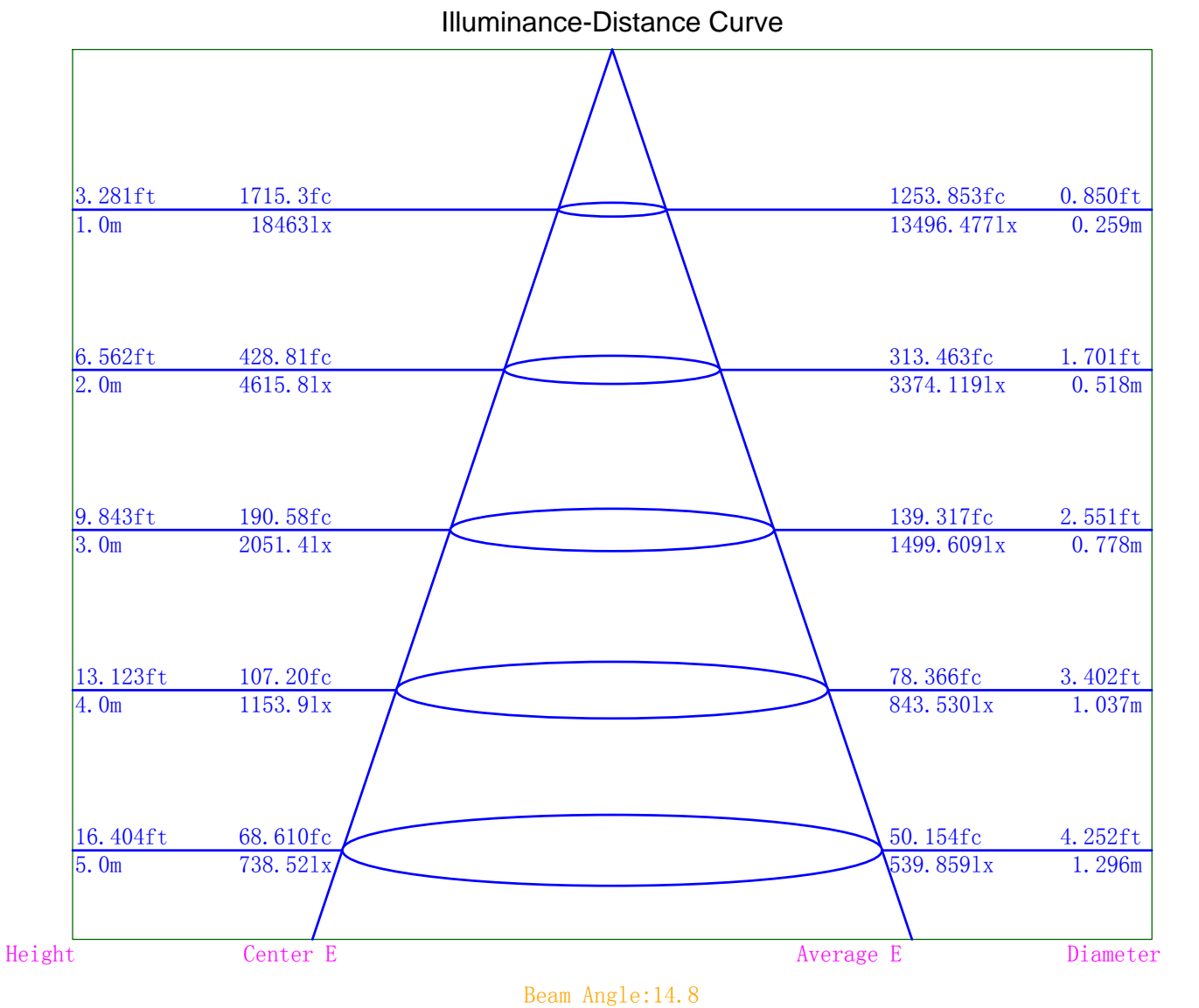
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:18463.01lx,0.0deg  
Plane Maximum Lighting Intensity and @Angle:18463.010cd,0deg

Illuminance-Distance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/01/16



Indoor Luminance Limiting Curves

Lum. Name: 55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/01/16

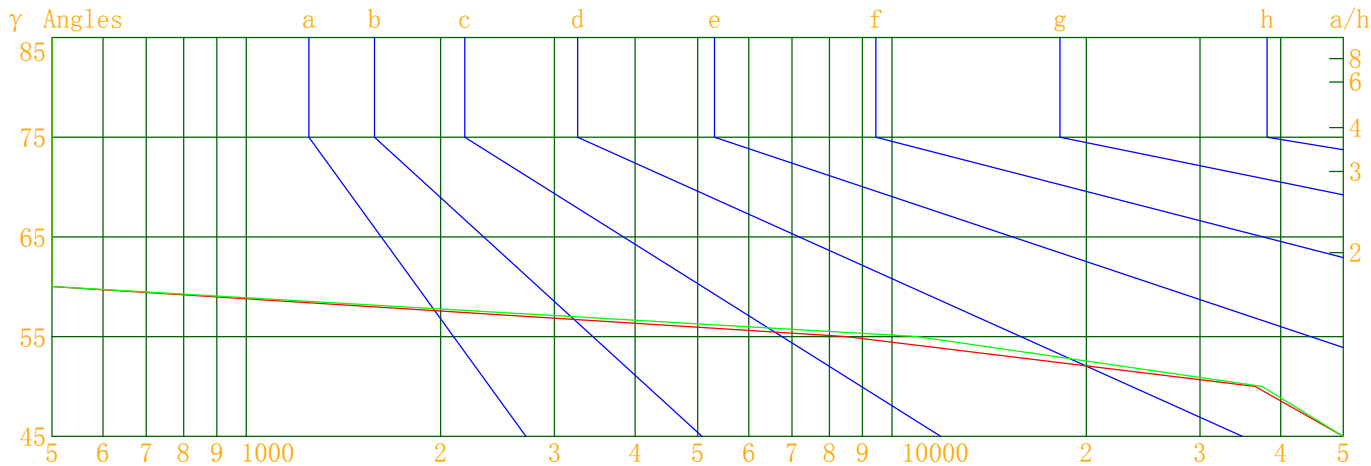
Glare Grade Table

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	123424	36515	8452	0	0	0	0	0	0
C90	117213	37421	10909	0	0	0	0	0	0

Luminance Limiting Curve



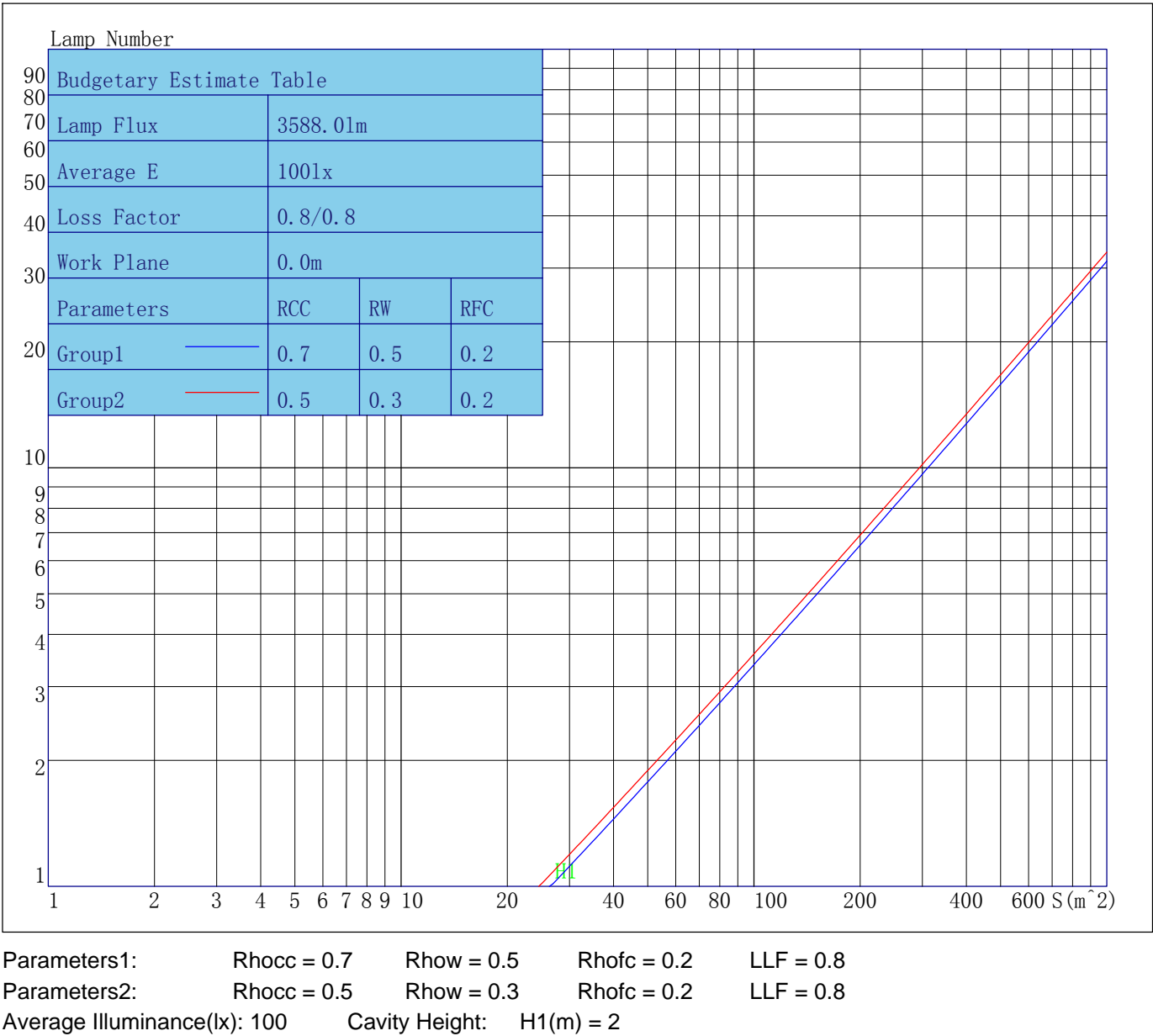
Luminous Size: Length(m)=-0.050 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963

Luminous Type: Without Luminous Side

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

Indoor Budgetary Estimate Table

Lum. Name: 55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/01/16



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: 2022/01/16

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	427	427	427	427	417	417	417	417	398	398	398	381	381	381	366	366	366	358
1	409	401	393	385	401	393	386	379	378	373	367	365	361	356	353	349	346	340
2	392	376	363	353	384	370	359	349	359	349	341	348	340	334	338	332	327	321
3	375	355	339	326	368	350	335	324	341	328	319	332	322	314	324	316	309	303
4	359	335	318	304	353	331	315	303	324	310	299	317	305	296	310	300	292	287
5	344	318	300	286	339	315	298	285	308	294	282	303	290	280	297	286	277	273
6	330	302	284	270	325	300	282	269	294	279	267	290	276	266	285	273	264	259
7	317	288	269	256	313	286	268	256	282	266	254	277	263	253	274	261	252	247
8	305	275	257	244	301	274	256	244	270	254	243	266	252	242	263	250	241	236
9	294	264	246	233	290	262	245	233	259	243	232	256	242	231	253	240	231	226
10	284	254	236	224	280	252	235	223	249	234	223	247	232	222	244	231	222	218

Unified Glare Rating Table

Lum. Name: 55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/01/16

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	20.3	22.3	20.7	22.7	23.0	20.2	22.2	20.5	22.5	22.8
	20.1	22.0	20.5	22.4	22.7	19.9	21.9	20.3	22.2	22.6
	20.0	21.9	20.4	22.2	22.6	19.8	21.7	20.2	22.1	22.4
	19.9	21.7	20.3	22.1	22.5	19.7	21.6	20.1	21.9	22.3
	19.8	21.6	20.2	22.0	22.4	19.6	21.5	20.1	21.9	22.3
	19.8	21.6	20.2	22.0	22.4	19.6	21.4	20.0	21.8	22.2
X=4H    Y=2H	20.0	21.9	20.4	22.2	22.6	19.8	21.7	20.2	22.1	22.4
	19.7	21.5	20.1	21.9	22.3	19.6	21.4	20.0	21.7	22.1
	19.6	21.3	20.0	21.7	22.1	19.4	21.2	19.8	21.6	22.0
	19.4	21.1	19.9	21.6	22.0	19.3	21.0	19.7	21.4	21.8
	19.4	21.1	19.8	21.5	21.9	19.2	20.9	19.6	21.3	21.8
	19.3	21.0	19.8	21.4	21.9	19.1	20.8	19.6	21.2	21.7
X=8H    Y=4H	19.4	21.1	19.8	21.5	21.9	19.2	20.9	19.6	21.3	21.8
	19.2	20.8	19.6	21.2	22.1	19.0	20.6	19.4	21.1	21.9
	19.0	20.7	19.5	21.1	21.5	18.9	20.5	19.3	20.9	21.4
	19.0	20.5	19.4	21.0	21.5	18.8	20.4	19.2	20.8	21.3
X=12H    Y=4H	19.3	21.0	19.8	21.4	21.9	19.1	20.8	19.6	21.2	21.7
	19.1	20.7	19.6	21.1	21.6	18.9	20.5	19.4	21.0	21.5
	19.0	20.5	19.4	21.0	21.5	18.8	20.4	19.2	20.8	21.3
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-36W-COB-3600-AH 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	18463.0	18463.0	18463.0	18463.0	18463.0	18463.0	18463.0	18463.0	18463.0	18463.0	18463.0	18463.0
γ 1.0	17437.7	17470.9	17151.7	17698.8	17929.2	18447.9	19073.9	19298.0	19052.4	18809.5	18364.1	17757.4
γ 2.0	16042.3	16007.9	15700.9	16482.2	16993.3	18055.8	19178.7	19449.5	19316.5	18612.1	17843.5	16711.5
γ 3.0	14447.8	14328.0	13989.7	14974.6	15685.6	17204.8	18714.9	19077.0	19020.8	17976.2	16943.3	15389.2
γ 4.0	12683.8	12522.6	12161.5	13286.2	14123.0	15972.1	17811.2	18266.1	18209.9	16929.7	15697.3	13855.7
γ 5.0	10870.6	10668.9	10324.0	11473.1	12390.3	14451.8	16524.7	17018.0	17091.7	15581.5	14237.1	12172.6
γ 6.0	9160.0	8947.5	8628.0	9721.7	10645.9	12752.1	14922.1	15489.4	15595.5	14026.4	12581.6	10451.4
γ 7.0	7663.4	7458.1	7178.2	8109.1	8939.6	11006.6	13158.2	13763.1	13936.5	12296.9	10845.4	8803.0
γ 8.0	6411.9	6237.1	5989.6	6751.9	7439.9	9285.2	11357.3	11896.9	12113.1	10490.1	9173.9	7366.2
γ 9.0	5447.1	5290.9	5080.1	5657.9	6217.4	7748.4	9561.1	10081.1	10318.9	8853.9	7735.5	6186.3
γ 10.0	4677.6	4521.6	4356.5	4828.3	5251.3	6442.3	7996.1	8475.7	8724.8	7468.7	6505.5	5270.2
γ 11.0	4056.6	3925.6	3777.4	4158.6	4493.8	5434.1	6673.4	7059.9	7287.9	6277.2	5527.2	4553.9
γ 12.0	3551.0	3446.9	3335.1	3616.8	3879.5	4643.7	5611.5	5928.8	6115.4	5357.9	4751.0	3949.9
γ 13.0	3170.5	3084.5	2982.6	3200.1	3389.2	4020.6	4805.1	5047.3	5213.4	4626.7	4125.8	3446.2
γ 14.0	2834.0	2760.4	2684.8	2865.7	3037.4	3506.8	4157.3	4349.3	4496.4	4026.8	3590.1	3062.5
γ 15.0	2561.7	2503.5	2435.1	2571.9	2713.7	3122.2	3626.5	3784.3	3918.8	3540.2	3181.0	2730.9
γ 16.0	2334.6	2287.7	2229.4	2341.4	2446.4	2797.1	3230.2	3365.7	3476.1	3146.8	2826.3	2468.3
γ 17.0	2144.0	2099.9	2051.3	2147.5	2245.4	2525.7	2894.2	3007.7	3094.8	2813.5	2535.8	2256.6
γ 18.0	1980.1	1937.7	1897.4	1977.6	2070.9	2299.0	2600.9	2698.0	2770.4	2548.2	2310.4	2075.6
γ 19.0	1838.2	1803.6	1762.1	1830.0	1917.1	2119.2	2373.6	2455.5	2524.8	2324.5	2119.3	1920.8
γ 20.0	1719.4	1695.0	1651.7	1702.9	1780.4	1957.9	2185.4	2254.2	2310.0	2137.7	1958.7	1790.9
γ 21.0	1623.0	1602.7	1562.9	1598.2	1667.4	1817.3	2022.1	2077.7	2128.0	1980.5	1827.9	1681.1
γ 22.0	1536.4	1524.2	1484.2	1509.4	1572.7	1692.1	1873.7	1920.4	1967.3	1848.2	1716.4	1593.0
γ 23.0	1461.1	1457.4	1422.5	1435.3	1489.7	1590.7	1749.8	1790.8	1834.4	1731.3	1624.5	1513.2
γ 24.0	1403.2	1399.5	1368.5	1374.3	1421.0	1502.6	1645.1	1682.3	1723.0	1635.2	1543.6	1448.1
γ 25.0	1352.6	1350.5	1322.9	1321.7	1364.0	1431.0	1557.0	1586.9	1627.0	1549.2	1474.1	1390.6
γ 26.0	1308.5	1310.7	1284.0	1279.2	1317.8	1369.2	1479.9	1507.4	1544.1	1477.5	1415.2	1343.4
γ 27.0	1269.5	1275.4	1247.2	1243.3	1278.6	1319.2	1414.2	1441.2	1473.5	1415.9	1367.2	1303.0
γ 28.0	1236.3	1242.0	1215.0	1212.2	1246.4	1276.1	1358.7	1387.4	1413.4	1363.5	1321.4	1270.7
γ 29.0	1208.8	1215.8	1190.3	1184.5	1214.6	1240.9	1313.2	1340.9	1359.8	1317.7	1278.1	1238.3
γ 30.0	1183.1	1190.6	1165.0	1159.9	1186.0	1209.9	1271.1	1300.9	1314.9	1278.4	1238.7	1209.3
γ 31.0	1158.4	1165.4	1140.8	1137.2	1161.9	1181.6	1234.8	1266.8	1276.8	1242.0	1201.8	1185.8
γ 32.0	1137.1	1144.7	1120.6	1114.5	1137.5	1159.2	1205.3	1238.9	1242.3	1212.1	1169.4	1162.9
γ 33.0	1115.1	1122.9	1098.6	1094.0	1114.3	1140.1	1179.5	1216.1	1214.9	1185.7	1138.1	1140.1
γ 34.0	1092.6	1102.7	1076.0	1068.2	1090.4	1122.1	1157.3	1197.0	1189.4	1159.3	1109.8	1120.7
γ 35.0	1065.2	1072.8	1044.1	1042.4	1067.1	1102.6	1136.1	1174.8	1164.6	1136.1	1082.5	1098.8
γ 36.0	1028.5	1034.3	998.9	1005.4	1038.4	1080.6	1116.5	1155.1	1142.2	1110.7	1057.0	1070.7
γ 37.0	967.8	966.2	925.5	948.8	998.0	1053.2	1095.0	1132.4	1119.6	1085.5	1029.2	1035.4
γ 38.0	882.5	877.4	834.6	870.0	934.6	1017.2	1066.1	1106.9	1096.3	1056.2	996.3	974.0
γ 39.0	780.7	774.2	730.2	773.4	850.1	958.4	1028.4	1073.0	1064.4	1017.2	946.2	889.3
γ 40.0	668.2	659.3	617.9	665.8	751.9	875.5	966.8	1024.7	1024.9	958.2	867.2	787.5
γ 41.0	553.8	540.6	504.7	554.8	644.1	774.6	882.9	947.0	958.8	875.9	771.6	676.6
γ 42.0	441.0	422.2	393.3	443.5	532.2	664.6	784.8	850.6	871.0	774.9	664.5	562.4
γ 43.0	334.9	313.6	290.4	336.1	422.4	548.3	677.6	738.7	764.9	661.8	552.5	450.0
γ 44.0	242.1	218.9	204.3	240.0	321.4	433.7	565.2	617.7	652.0	548.8	438.3	344.8
γ 45.0	171.4	147.1	142.3	162.7	234.4	324.5	454.2	497.7	536.4	436.9	331.9	252.5
γ 46.0	126.1	106.4	110.1	113.6	166.9	228.4	348.2	380.2	420.9	330.7	238.2	180.7

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	99.0	81.9	90.5	88.7	131.2	155.0	255.7	272.6	311.8	236.6	163.8	135.5
γ 48.0	80.8	67.5	75.3	73.9	108.5	113.2	181.6	182.2	217.3	163.6	118.8	106.0
γ 49.0	63.3	51.7	57.7	61.9	93.4	93.1	135.5	119.1	144.3	119.2	94.2	87.4
γ 50.0	46.1	38.3	43.5	47.2	77.1	81.7	109.0	89.7	106.2	93.8	79.8	69.4
γ 51.0	34.8	29.1	32.6	37.0	57.8	69.9	92.5	72.6	84.4	78.2	66.3	52.9
γ 52.0	24.9	21.4	24.0	28.7	44.9	56.2	76.9	61.1	71.6	62.2	50.9	40.9
γ 53.0	18.7	15.6	17.2	22.0	33.6	42.9	60.1	47.5	56.4	45.2	40.4	29.9
γ 54.0	13.5	11.3	12.4	16.6	24.6	33.3	44.8	33.7	38.3	34.7	30.6	21.5
γ 55.0	9.5	7.7	8.5	12.3	17.6	24.7	33.2	25.0	28.4	25.9	22.6	15.1
γ 56.0	6.3	4.4	4.9	8.9	12.8	18.0	24.5	18.3	20.6	18.6	16.4	10.7
γ 57.0	3.4	1.8	2.4	5.8	8.9	13.1	17.4	13.2	14.5	13.2	11.5	6.8
γ 58.0	1.2	0.0	0.4	3.3	5.5	9.2	12.2	9.3	10.2	9.2	7.6	3.6
γ 59.0	0.0	0.0	0.0	1.3	3.2	5.6	7.9	5.6	6.3	5.7	4.2	1.5
γ 60.0	0.0	0.0	0.0	0.0	1.2	3.1	4.3	2.6	3.1	2.9	1.9	0.0
γ 61.0	0.0	0.0	0.0	0.0	0.0	1.0	1.8	0.1	0.7	1.0	0.1	0.0
γ 62.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 63.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 64.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 65.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 66.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 67.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 68.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 69.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 71.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 72.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 73.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 74.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 75.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 76.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 77.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 78.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 79.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 81.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 82.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 83.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 84.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 85.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 86.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 87.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 88.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 111.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 148.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
γ 151.0	0.4	0.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
γ 152.0	1.5	1.9	2.1	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2
γ 153.0	2.6	2.9	3.1	2.3	1.3	0.0	0.2	0.0	0.0	0.3	1.0	2.4
γ 154.0	3.7	4.0	4.2	3.3	2.4	1.0	1.3	1.0	0.7	1.5	2.1	3.4
γ 155.0	4.8	4.9	5.1	4.3	3.4	2.1	2.5	2.1	1.8	2.5	3.3	4.4
γ 156.0	5.7	5.9	5.9	5.3	4.5	3.2	3.6	3.2	2.9	3.6	4.2	5.4
γ 157.0	6.6	6.8	6.8	6.2	5.5	4.2	4.8	4.2	3.9	4.6	5.2	6.2
γ 158.0	7.3	7.5	7.4	7.0	6.4	5.2	5.6	5.2	5.0	5.5	6.0	7.1
γ 159.0	8.2	8.2	8.0	7.8	7.1	6.1	6.6	6.2	5.8	6.4	6.9	7.8
γ 160.0	8.8	8.7	8.6	8.4	7.9	6.9	7.4	6.9	6.6	7.0	7.6	8.4
γ 161.0	9.4	9.3	9.1	9.0	8.5	7.7	8.1	7.7	7.2	7.8	8.3	8.9
γ 162.0	9.8	9.8	9.4	9.5	9.1	8.3	8.8	8.2	7.9	8.3	8.9	9.5
γ 163.0	10.3	10.1	9.7	9.9	9.5	9.0	9.4	8.9	8.4	8.8	9.3	9.9
γ 164.0	10.7	10.4	10.0	10.3	9.9	9.4	9.8	9.4	8.8	9.2	9.8	10.3
γ 165.0	10.9	10.6	10.2	10.5	10.3	10.0	10.3	9.7	9.2	9.5	10.1	10.5
γ 166.0	11.2	10.7	10.4	10.8	10.7	10.3	10.7	10.1	9.5	9.7	10.4	10.8
γ 167.0	11.2	10.9	10.5	10.9	10.9	10.7	11.0	10.3	9.8	9.9	10.6	11.0
γ 168.0	11.4	10.9	10.6	11.1	11.0	10.8	11.2	10.5	9.9	10.0	10.7	11.0
γ 169.0	11.3	10.8	10.6	11.1	11.2	11.1	11.3	10.7	10.0	10.2	10.7	11.2
γ 170.0	11.2	10.7	10.5	11.1	11.1	11.2	11.4	10.8	10.2	10.1	10.8	11.0
γ 171.0	11.1	10.5	10.4	11.0	11.1	11.3	11.4	10.9	10.2	10.1	10.7	10.9
γ 172.0	10.8	10.4	10.2	10.8	11.0	11.3	11.3	10.6	10.2	10.1	10.5	10.7
γ 173.0	10.5	10.3	10.0	10.5	10.8	11.0	11.2	10.6	10.2	10.0	10.3	10.5
γ 174.0	10.2	10.0	9.8	10.3	10.6	11.0	10.9	10.4	10.3	9.9	10.1	10.1
γ 175.0	10.0	9.8	9.8	10.1	10.4	10.8	10.7	10.3	10.1	9.9	10.0	10.0
γ 176.0	9.7	9.5	9.6	10.0	10.2	10.4	10.4	10.2	10.0	9.8	9.8	10.0
γ 177.0	9.6	9.5	9.5	9.8	10.0	10.3	10.3	9.9	9.9	9.7	9.7	9.8
γ 178.0	9.6	9.4	9.5	9.8	9.8	10.1	10.1	9.8	9.9	9.8	9.7	9.7
γ 179.0	9.6	9.5	9.6	9.8	9.7	10.0	9.9	9.7	9.8	9.8	9.6	9.8
γ 180.0	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7