

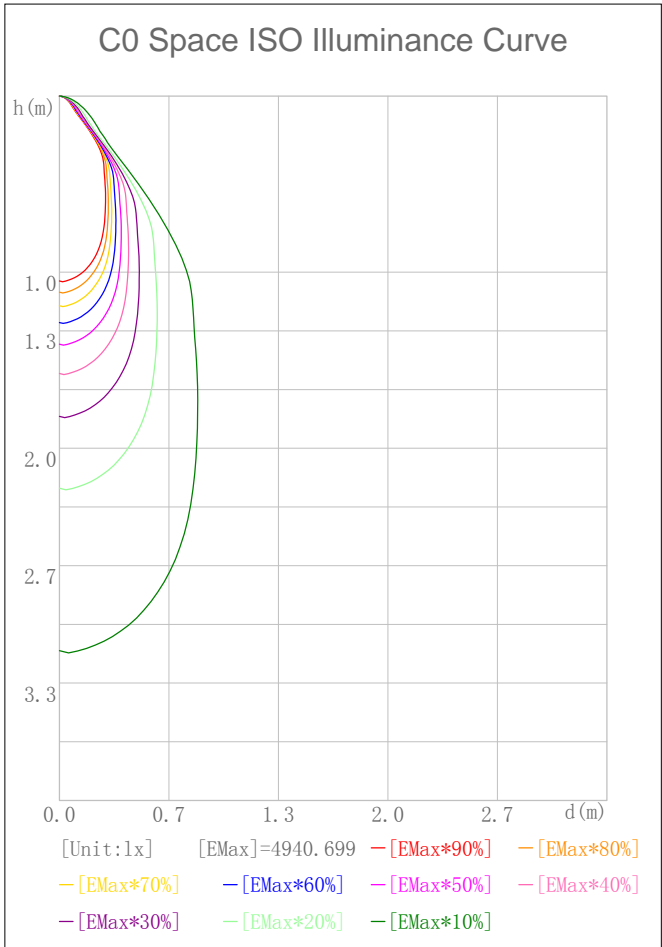
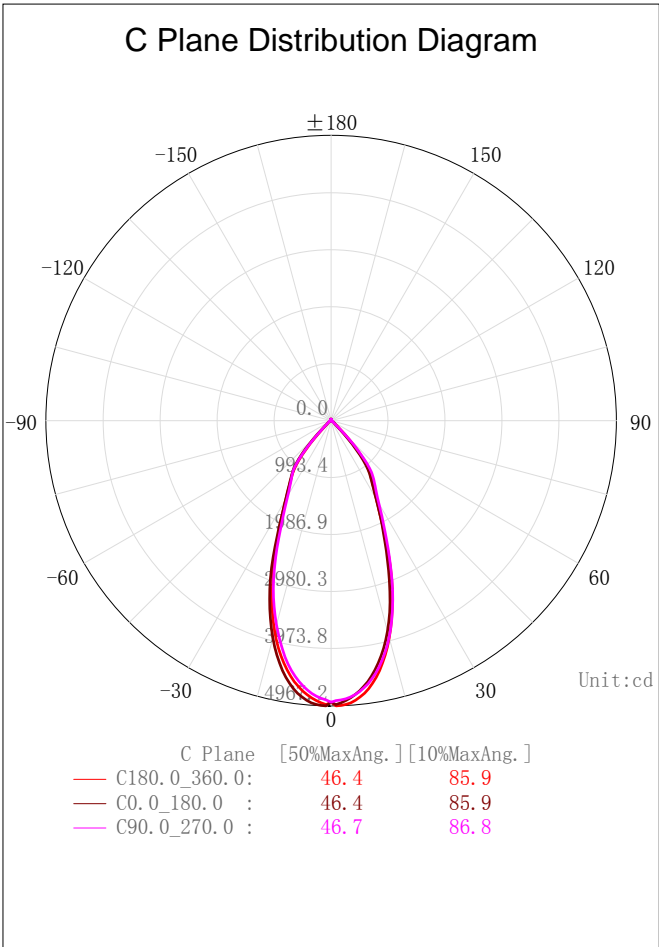
Indoor Luminaire Photometric Data

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

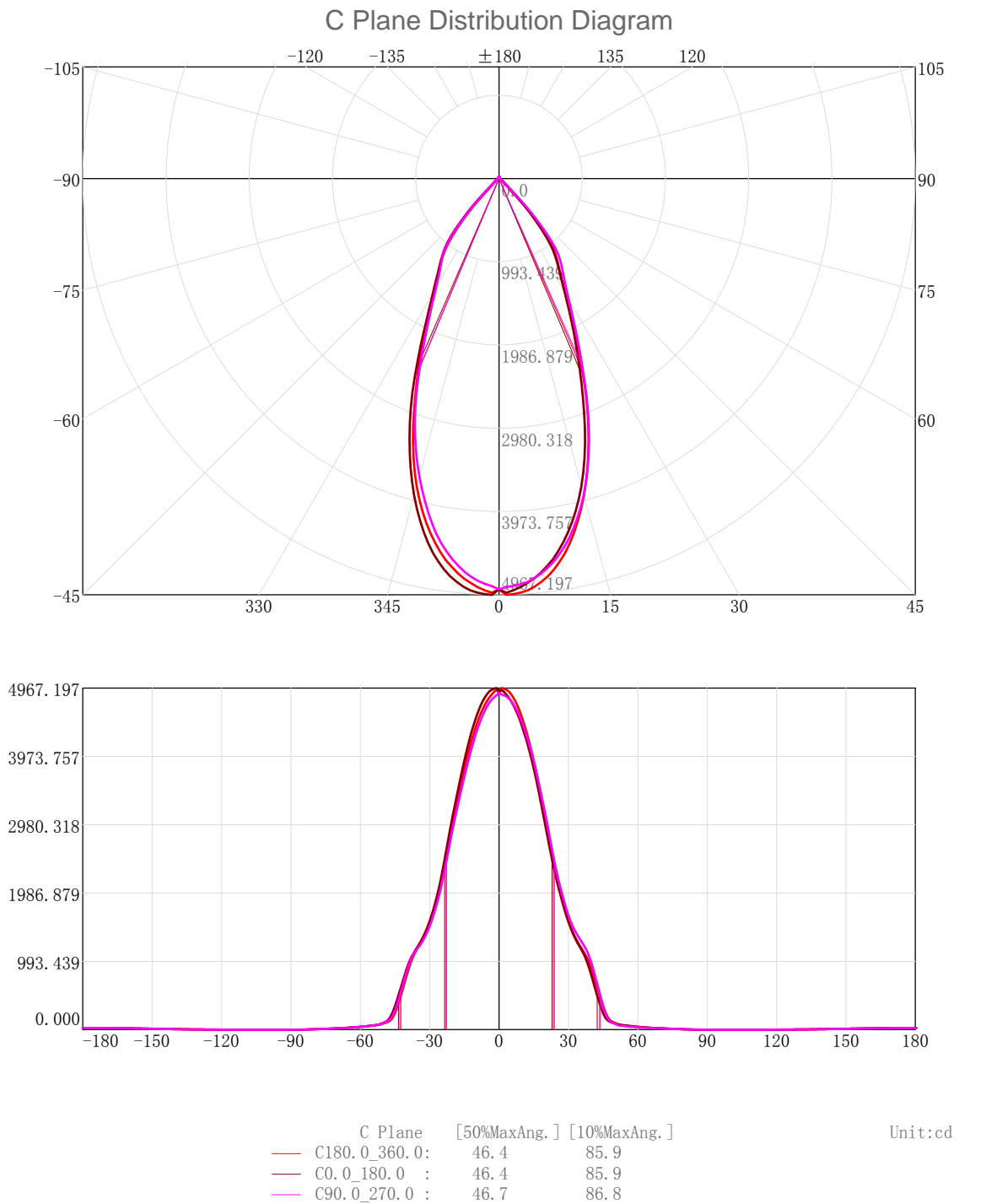
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1000.000	Luminary Flux(lm): 3665.838	Field Angle(10%Imax): 85.9(°)	
Rated Power(W):	Luminary Efficiency: 366.58%	Down Lumens&Percent: 3636.382lm 99.20%	
Rated Voltage(V):	Luminary EER(lm/W): 86.296	Up Lumens&Percent: 29.456lm 0.80%	
Tested Power(W): 42.480	Max. Candela(cd): 4967.197	S/MH: C0_a180=0.743 C90_270=0.741	
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):228.8, 0.193, 0.960	Beam Angle(50%Imax): 46.4(°)	ErP Φ use(90°): 3483.763lm	
Lamp Size (W*L*H):0.050m*0.050m*0.000m	Left=-22.9°, Right=23.5°	IRF(%): 294.094	



2D Plane Light Intensity Distribution Curve

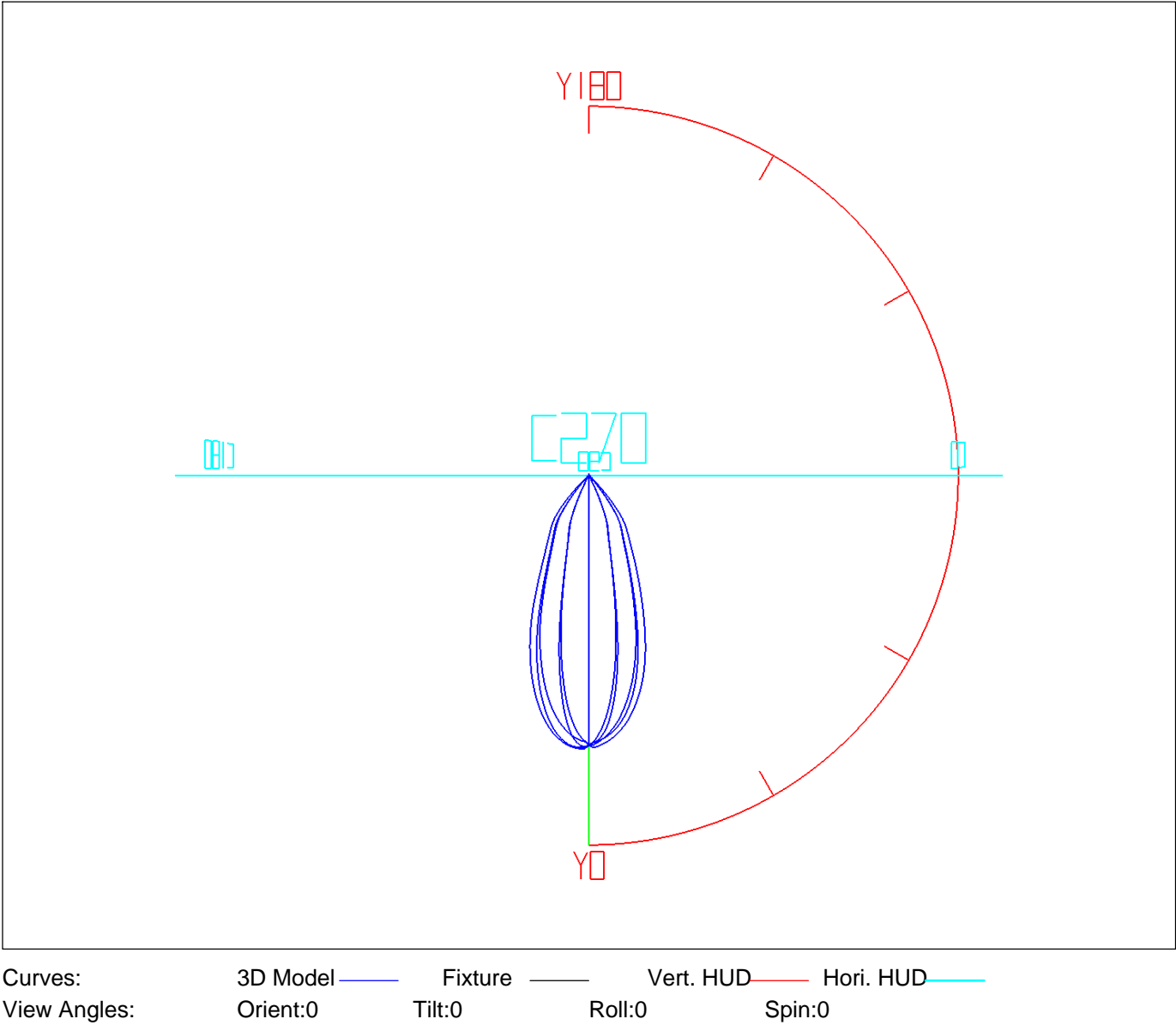
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/01/16



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

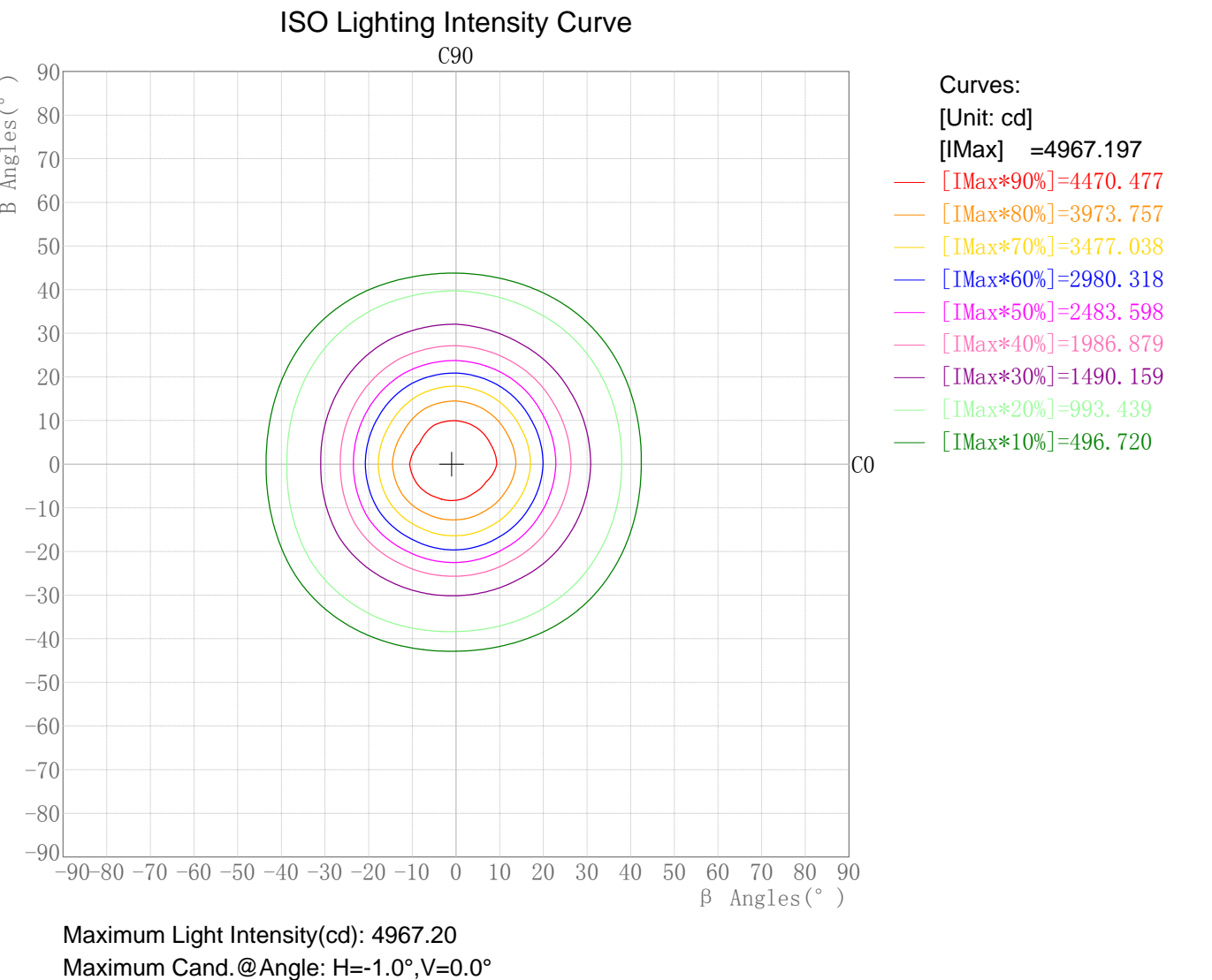
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	4.68	4.68	0.47	0.47	47.0-48.0	11.67	3520.83	1.17	352.08
1.0-2.0	14.00	18.68	1.40	1.87	48.0-49.0	9.66	3530.48	0.97	353.05
2.0-3.0	23.23	41.91	2.32	4.19	49.0-50.0	8.44	3538.92	0.84	353.89
3.0-4.0	32.32	74.23	3.23	7.42	50.0-51.0	7.40	3546.32	0.74	354.63
4.0-5.0	41.20	115.43	4.12	11.54	51.0-52.0	6.50	3552.81	0.65	355.28
5.0-6.0	49.82	165.25	4.98	16.53	52.0-53.0	5.94	3558.75	0.59	355.88
6.0-7.0	58.12	223.38	5.81	22.34	53.0-54.0	5.59	3564.34	0.56	356.43
7.0-8.0	66.05	289.43	6.61	28.94	54.0-55.0	5.28	3569.62	0.53	356.96
8.0-9.0	73.54	362.96	7.35	36.30	55.0-56.0	4.99	3574.61	0.50	357.46
9.0-10.0	80.53	443.49	8.05	44.35	56.0-57.0	4.71	3579.32	0.47	357.93
10.0-11.0	86.96	530.46	8.70	53.05	57.0-58.0	4.46	3583.78	0.45	358.38
11.0-12.0	92.78	623.23	9.28	62.32	58.0-59.0	4.21	3587.99	0.42	358.80
12.0-13.0	97.95	721.18	9.79	72.12	59.0-60.0	3.96	3591.95	0.40	359.19
13.0-14.0	102.44	823.62	10.24	82.36	60.0-61.0	3.72	3595.67	0.37	359.57
14.0-15.0	106.22	929.84	10.62	92.98	61.0-62.0	3.50	3599.18	0.35	359.92
15.0-16.0	109.24	1039.08	10.92	103.91	62.0-63.0	3.30	3602.47	0.33	360.25
16.0-17.0	111.46	1150.54	11.15	115.05	63.0-64.0	3.10	3605.58	0.31	360.56
17.0-18.0	112.89	1263.43	11.29	126.34	64.0-65.0	2.92	3608.49	0.29	360.85
18.0-19.0	113.55	1376.97	11.35	137.70	65.0-66.0	2.74	3611.23	0.27	361.12
19.0-20.0	113.41	1490.38	11.34	149.04	66.0-67.0	2.56	3613.79	0.26	361.38
20.0-21.0	112.44	1602.82	11.24	160.28	67.0-68.0	2.40	3616.19	0.24	361.62
21.0-22.0	110.69	1713.51	11.07	171.35	68.0-69.0	2.25	3618.44	0.22	361.84
22.0-23.0	108.34	1821.85	10.83	182.18	69.0-70.0	2.10	3620.54	0.21	362.05
23.0-24.0	105.55	1927.40	10.56	192.74	70.0-71.0	1.96	3622.50	0.20	362.25
24.0-25.0	102.50	2029.90	10.25	202.99	71.0-72.0	1.82	3624.32	0.18	362.43
25.0-26.0	99.33	2129.22	9.93	212.92	72.0-73.0	1.68	3626.01	0.17	362.60
26.0-27.0	96.17	2225.39	9.62	222.54	73.0-74.0	1.53	3627.54	0.15	362.75
27.0-28.0	93.10	2318.49	9.31	231.85	74.0-75.0	1.40	3628.94	0.14	362.89
28.0-29.0	90.16	2408.65	9.02	240.86	75.0-76.0	1.27	3630.21	0.13	363.02
29.0-30.0	87.41	2496.06	8.74	249.61	76.0-77.0	1.15	3631.36	0.11	363.14
30.0-31.0	84.93	2580.99	8.49	258.10	77.0-78.0	1.03	3632.38	0.10	363.24
31.0-32.0	82.75	2663.74	8.28	266.37	78.0-79.0	0.90	3633.29	0.09	363.33
32.0-33.0	80.92	2744.66	8.09	274.47	79.0-80.0	0.77	3634.06	0.08	363.41
33.0-34.0	79.38	2824.04	7.94	282.40	80.0-81.0	0.65	3634.71	0.07	363.47
34.0-35.0	77.99	2902.03	7.80	290.20	81.0-82.0	0.53	3635.24	0.05	363.52
35.0-36.0	76.60	2978.62	7.66	297.86	82.0-83.0	0.42	3635.66	0.04	363.57
36.0-37.0	74.95	3053.58	7.50	305.36	83.0-84.0	0.31	3635.97	0.03	363.60
37.0-38.0	72.64	3126.22	7.26	312.62	84.0-85.0	0.21	3636.18	0.02	363.62
38.0-39.0	69.14	3195.36	6.91	319.54	85.0-86.0	0.13	3636.31	0.01	363.63
39.0-40.0	64.20	3259.56	6.42	325.96	86.0-87.0	0.06	3636.37	0.01	363.64
40.0-41.0	57.96	3317.52	5.80	331.75	87.0-88.0	0.01	3636.38	0.00	363.64
41.0-42.0	50.74	3368.27	5.07	336.83	88.0-89.0	0.00	3636.38	0.00	363.64
42.0-43.0	42.95	3411.21	4.29	341.12	89.0-90.0	0.00	3636.38	0.00	363.64
43.0-44.0	34.98	3446.19	3.50	344.62	90.0-91.0	0.00	3636.38	0.00	363.64
44.0-45.0	27.31	3473.50	2.73	347.35	91.0-92.0	0.00	3636.38	0.00	363.64
45.0-46.0	20.49	3493.99	2.05	349.40	92.0-93.0	0.00	3636.38	0.00	363.64
46.0-47.0	15.17	3509.16	1.52	350.92	93.0-94.0	0.00	3636.38	0.00	363.64

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	3636.38	0.00	363.64	141.0-142.0	0.61	3644.12	0.06	364.41
95.0-96.0	0.00	3636.38	0.00	363.64	142.0-143.0	0.64	3644.75	0.06	364.48
96.0-97.0	0.00	3636.38	0.00	363.64	143.0-144.0	0.66	3645.41	0.07	364.54
97.0-98.0	0.00	3636.38	0.00	363.64	144.0-145.0	0.68	3646.09	0.07	364.61
98.0-99.0	0.00	3636.38	0.00	363.64	145.0-146.0	0.70	3646.78	0.07	364.68
99.0-100.0	0.00	3636.38	0.00	363.64	146.0-147.0	0.71	3647.50	0.07	364.75
100.0-101.0	0.00	3636.38	0.00	363.64	147.0-148.0	0.73	3648.22	0.07	364.82
101.0-102.0	0.00	3636.38	0.00	363.64	148.0-149.0	0.74	3648.96	0.07	364.90
102.0-103.0	0.00	3636.38	0.00	363.64	149.0-150.0	0.75	3649.71	0.07	364.97
103.0-104.0	0.00	3636.38	0.00	363.64	150.0-151.0	0.76	3650.47	0.08	365.05
104.0-105.0	0.00	3636.38	0.00	363.64	151.0-152.0	0.77	3651.23	0.08	365.12
105.0-106.0	0.00	3636.38	0.00	363.64	152.0-153.0	0.77	3652.01	0.08	365.20
106.0-107.0	0.00	3636.38	0.00	363.64	153.0-154.0	0.77	3652.78	0.08	365.28
107.0-108.0	0.00	3636.38	0.00	363.64	154.0-155.0	0.78	3653.56	0.08	365.36
108.0-109.0	0.00	3636.38	0.00	363.64	155.0-156.0	0.77	3654.33	0.08	365.43
109.0-110.0	0.00	3636.38	0.00	363.64	156.0-157.0	0.77	3655.10	0.08	365.51
110.0-111.0	0.00	3636.38	0.00	363.64	157.0-158.0	0.76	3655.86	0.08	365.59
111.0-112.0	0.00	3636.38	0.00	363.64	158.0-159.0	0.75	3656.62	0.08	365.66
112.0-113.0	0.00	3636.38	0.00	363.64	159.0-160.0	0.74	3657.36	0.07	365.74
113.0-114.0	0.00	3636.38	0.00	363.64	160.0-161.0	0.73	3658.09	0.07	365.81
114.0-115.0	0.00	3636.38	0.00	363.64	161.0-162.0	0.71	3658.79	0.07	365.88
115.0-116.0	0.01	3636.39	0.00	363.64	162.0-163.0	0.69	3659.48	0.07	365.95
116.0-117.0	0.02	3636.41	0.00	363.64	163.0-164.0	0.66	3660.14	0.07	366.01
117.0-118.0	0.04	3636.45	0.00	363.65	164.0-165.0	0.64	3660.78	0.06	366.08
118.0-119.0	0.06	3636.51	0.01	363.65	165.0-166.0	0.61	3661.39	0.06	366.14
119.0-120.0	0.07	3636.58	0.01	363.66	166.0-167.0	0.58	3661.97	0.06	366.20
120.0-121.0	0.09	3636.68	0.01	363.67	167.0-168.0	0.54	3662.51	0.05	366.25
121.0-122.0	0.11	3636.79	0.01	363.68	168.0-169.0	0.51	3663.02	0.05	366.30
122.0-123.0	0.13	3636.92	0.01	363.69	169.0-170.0	0.47	3663.50	0.05	366.35
123.0-124.0	0.16	3637.08	0.02	363.71	170.0-171.0	0.43	3663.93	0.04	366.39
124.0-125.0	0.18	3637.26	0.02	363.73	171.0-172.0	0.39	3664.32	0.04	366.43
125.0-126.0	0.20	3637.46	0.02	363.75	172.0-173.0	0.35	3664.67	0.03	366.47
126.0-127.0	0.22	3637.68	0.02	363.77	173.0-174.0	0.31	3664.98	0.03	366.50
127.0-128.0	0.25	3637.92	0.02	363.79	174.0-175.0	0.26	3665.24	0.03	366.52
128.0-129.0	0.27	3638.19	0.03	363.82	175.0-176.0	0.22	3665.45	0.02	366.55
129.0-130.0	0.30	3638.49	0.03	363.85	176.0-177.0	0.17	3665.62	0.02	366.56
130.0-131.0	0.32	3638.81	0.03	363.88	177.0-178.0	0.12	3665.74	0.01	366.57
131.0-132.0	0.35	3639.16	0.03	363.92	178.0-179.0	0.07	3665.81	0.01	366.58
132.0-133.0	0.37	3639.53	0.04	363.95	179.0-180.0	0.02	3665.84	0.00	366.58
133.0-134.0	0.40	3639.94	0.04	363.99					
134.0-135.0	0.43	3640.37	0.04	364.04					
135.0-136.0	0.46	3640.82	0.05	364.08					
136.0-137.0	0.48	3641.31	0.05	364.13					
137.0-138.0	0.51	3641.82	0.05	364.18					
138.0-139.0	0.54	3642.35	0.05	364.24					
139.0-140.0	0.56	3642.92	0.06	364.29					
140.0-141.0	0.59	3643.51	0.06	364.35					

Rectangle ISO Lighting Intensity Diagram

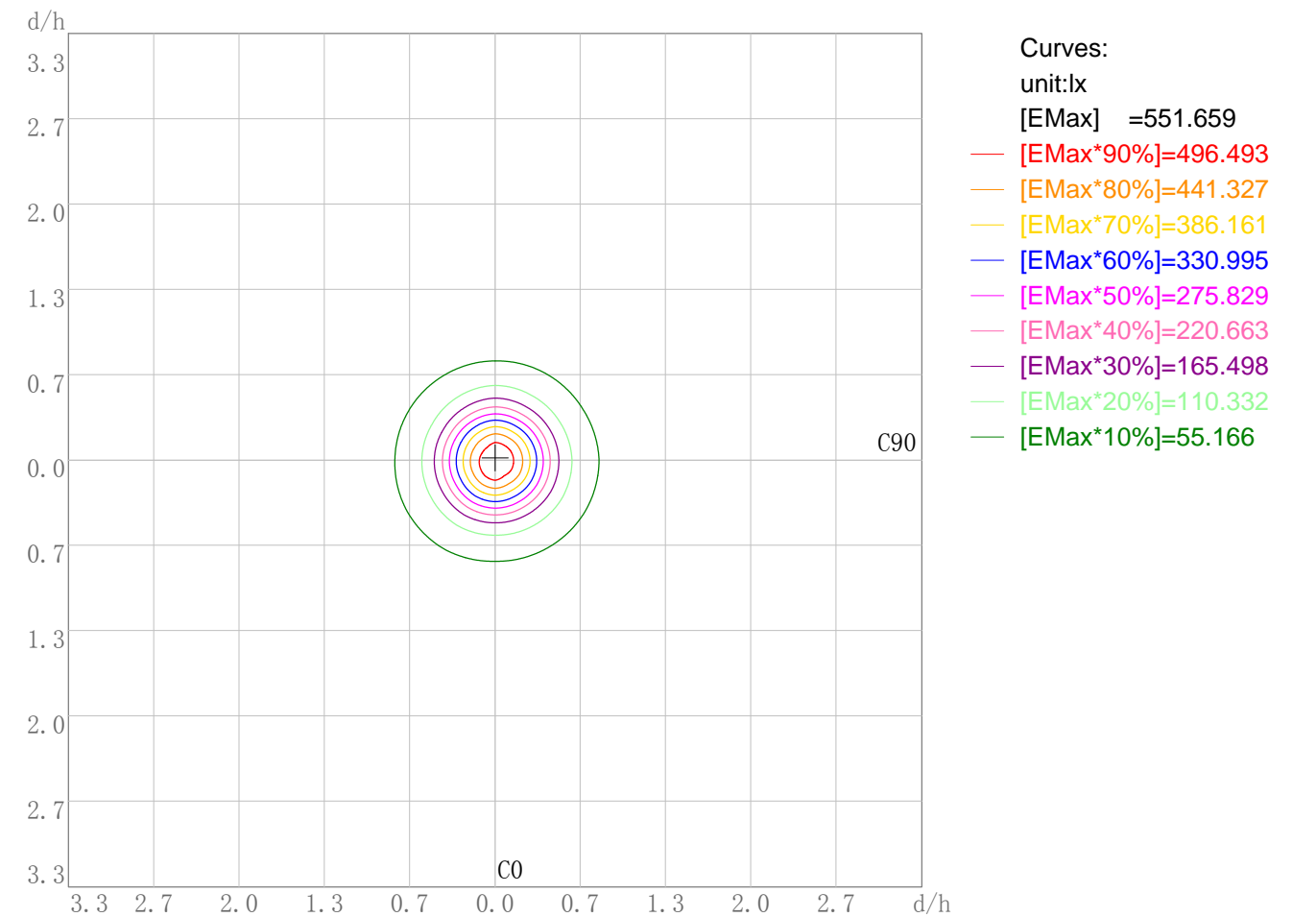
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/01/16



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

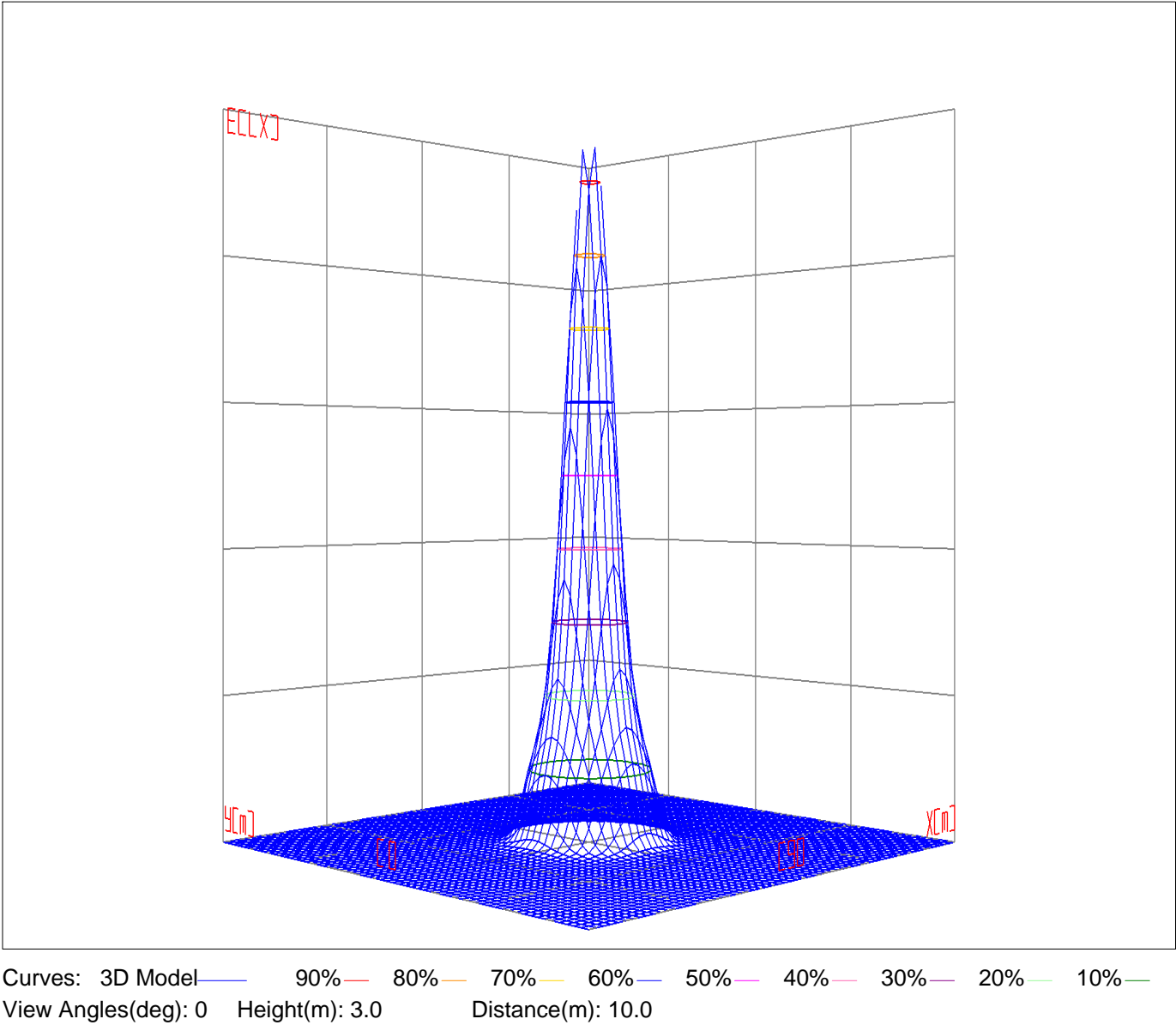


Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 551.66  
Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

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: 2022/01/16

3D Plane Illuminance Modal

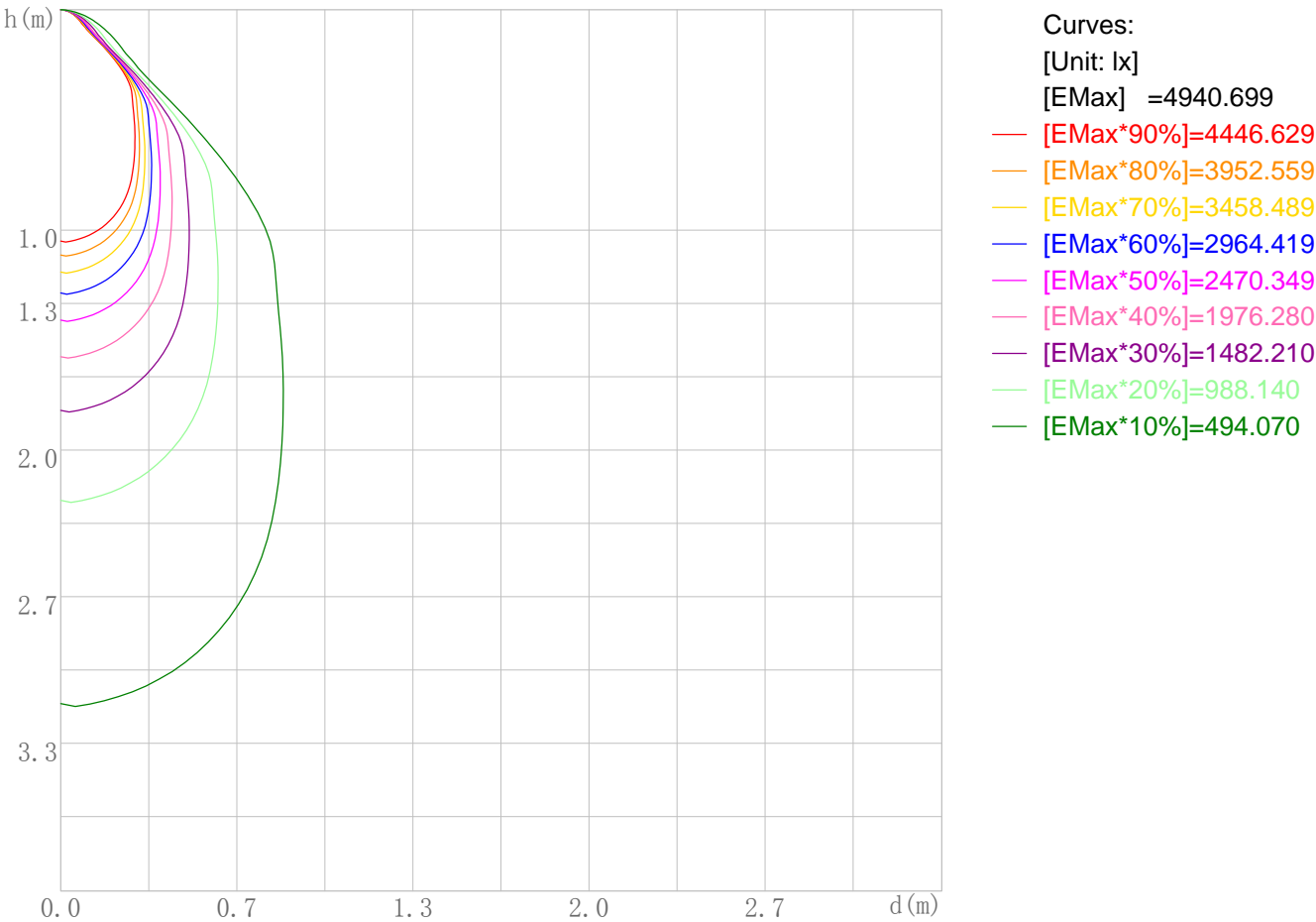




Space ISO Illuminance Diagram

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

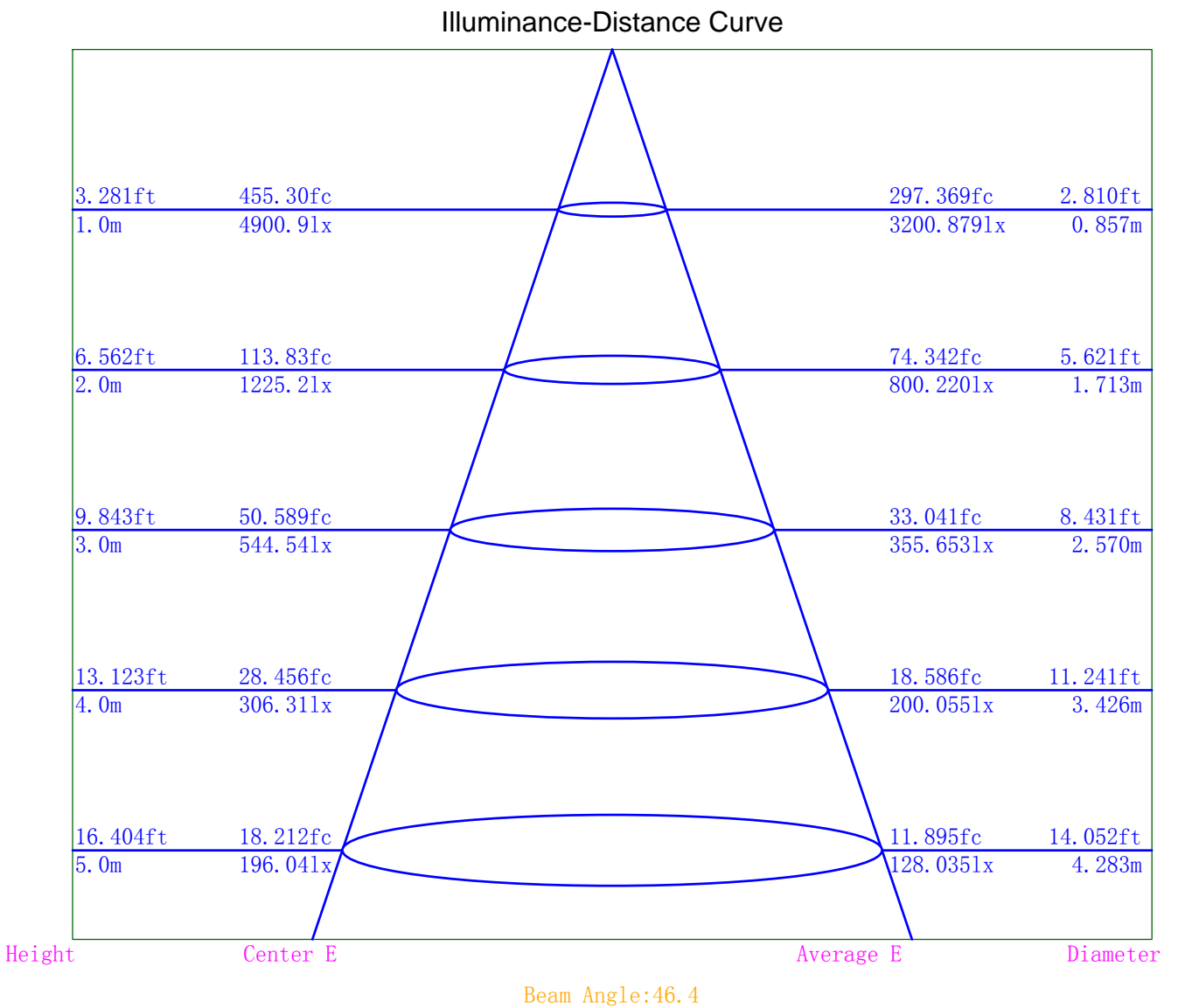
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:4940.70lx,1.0deg  
Plane Maximum Lighting Intensity and @Angle:4942.957cd,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

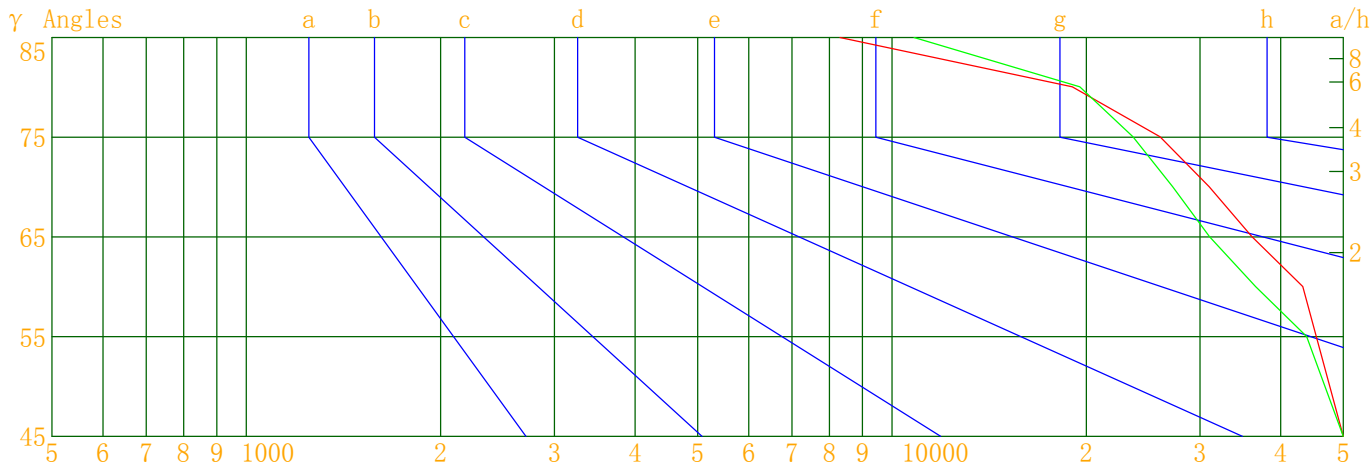
Glare Grade Table

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	172641	71884	53255	43264	36082	30980	26012	19020	8309
C90	253169	69785	43882	36566	31026	27213	23621	19542	10822

Luminance Limiting Curve



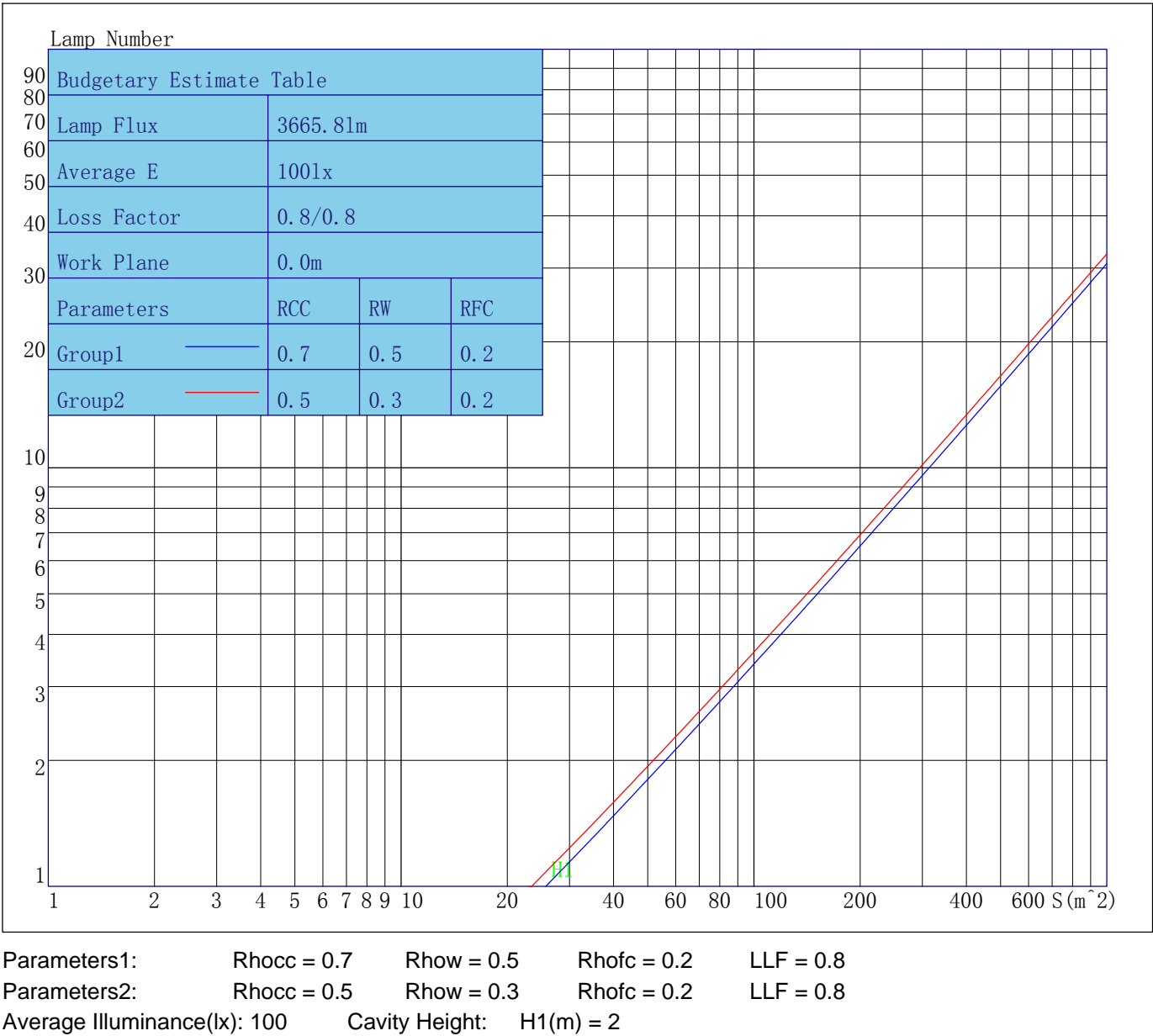
Luminous Size: Length(m)=-0.050 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963

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	436	436	436	436	425	425	425	425	406	406	406	388	388	388	371	371	371	364
1	415	405	395	387	406	396	388	381	381	374	368	367	362	357	354	350	346	339
2	394	376	361	348	386	369	356	344	357	346	336	346	336	328	335	328	321	315
3	374	350	332	317	366	345	328	314	335	320	309	325	313	304	317	307	298	293
4	355	327	306	291	348	322	303	289	314	298	285	306	293	281	299	288	278	272
5	337	306	284	268	331	302	282	267	295	278	264	289	274	262	283	270	259	254
6	320	287	265	249	314	284	263	248	278	260	246	273	257	244	268	254	243	237
7	304	270	248	232	299	267	247	232	263	244	230	258	241	229	254	239	227	222
8	290	255	233	218	285	252	232	217	248	229	216	244	227	215	240	225	214	209
9	276	241	219	204	272	239	218	204	235	216	203	232	215	202	228	213	201	197
10	263	228	207	193	260	226	206	192	223	204	192	220	203	191	217	202	190	186

Unified Glare Rating Table

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

Unified Glare Rating Table

Main table with 11 columns for room surfaces (Ceiling, Wall, Floor) and various room dimensions (X, Y, Z) and viewing angles. Includes a section for 'Variations with the observer position at spacings' and 'Reduced UGR Table'.

to 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 60D 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	4900.88	4900.88	4900.88	4900.88	4900.88	4900.88	4900.88	4900.88	4900.88	4900.88	4900.88	4900.88
γ 1.0	4942.96	4907.90	4891.76	4874.20	4861.43	4844.01	4967.20	4922.75	4887.06	4862.47	4838.50	4824.54
γ 2.0	4915.85	4885.94	4876.58	4864.37	4859.38	4838.63	4961.25	4914.06	4871.26	4837.99	4806.99	4797.46
γ 3.0	4879.90	4854.35	4856.18	4849.16	4844.09	4822.98	4946.22	4896.06	4842.37	4806.31	4769.04	4760.69
γ 4.0	4837.85	4817.42	4822.97	4825.28	4823.88	4799.66	4924.20	4870.43	4804.16	4762.25	4722.50	4718.73
γ 5.0	4790.41	4768.89	4779.99	4787.99	4794.12	4767.32	4887.08	4829.69	4753.33	4709.07	4667.88	4667.51
γ 6.0	4731.80	4711.23	4732.69	4744.25	4750.55	4720.37	4837.49	4776.47	4694.40	4646.57	4602.88	4610.20
γ 7.0	4662.53	4649.50	4673.05	4686.79	4700.81	4665.62	4780.29	4715.09	4624.08	4574.09	4532.67	4545.14
γ 8.0	4590.81	4573.31	4603.24	4625.13	4639.10	4600.27	4709.38	4639.67	4544.01	4492.98	4450.63	4470.23
γ 9.0	4503.75	4483.71	4523.96	4548.34	4569.86	4525.53	4627.10	4555.46	4452.10	4404.89	4362.85	4385.77
γ 10.0	4406.91	4387.69	4432.81	4467.21	4492.50	4439.25	4535.97	4458.68	4353.48	4304.22	4263.77	4296.28
γ 11.0	4302.29	4282.47	4330.71	4373.31	4400.05	4344.04	4430.52	4355.12	4243.04	4192.31	4154.33	4192.07
γ 12.0	4189.32	4168.17	4222.40	4267.85	4295.10	4238.21	4314.49	4239.27	4123.07	4069.10	4039.78	4081.82
γ 13.0	4067.57	4048.24	4106.58	4153.87	4176.52	4120.77	4187.29	4113.35	3994.30	3939.66	3920.11	3962.49
γ 14.0	3937.04	3917.42	3979.89	4034.17	4048.75	3993.15	4054.57	3982.16	3858.82	3808.89	3792.18	3836.62
γ 15.0	3798.33	3776.89	3846.21	3906.39	3916.31	3858.67	3913.04	3845.92	3720.30	3673.36	3651.59	3697.00
γ 16.0	3647.59	3627.43	3700.77	3766.88	3771.29	3716.62	3763.91	3701.47	3575.02	3534.09	3507.69	3545.83
γ 17.0	3489.07	3469.12	3546.46	3616.38	3620.91	3569.00	3607.94	3551.49	3427.17	3389.60	3354.72	3387.49
γ 18.0	3321.79	3305.18	3385.75	3460.34	3465.40	3414.71	3446.98	3397.51	3274.19	3239.71	3196.80	3224.05
γ 19.0	3147.16	3139.84	3222.10	3301.22	3306.61	3258.06	3283.44	3238.58	3115.85	3083.18	3034.05	3054.87
γ 20.0	2967.46	2964.37	3050.56	3134.61	3147.67	3099.02	3114.74	3075.43	2953.73	2922.18	2859.82	2879.78
γ 21.0	2793.72	2784.85	2874.40	2960.31	2980.78	2933.96	2939.93	2908.93	2783.77	2751.48	2681.71	2701.78
γ 22.0	2623.25	2610.03	2698.43	2780.80	2806.23	2760.97	2759.30	2734.84	2612.38	2575.14	2510.42	2533.04
γ 23.0	2461.03	2445.14	2528.12	2604.53	2630.18	2585.15	2576.67	2561.80	2441.06	2405.26	2342.66	2373.35
γ 24.0	2306.66	2286.82	2365.22	2441.04	2459.73	2414.07	2394.01	2393.54	2277.13	2238.06	2183.14	2218.59
γ 25.0	2161.54	2141.37	2208.63	2284.98	2300.75	2249.50	2220.82	2231.19	2123.46	2082.66	2035.65	2073.93
γ 26.0	2028.38	2005.07	2062.64	2140.10	2150.45	2093.99	2060.55	2079.78	1980.49	1940.39	1898.85	1940.17
γ 27.0	1903.05	1878.13	1928.54	2005.95	2012.36	1952.29	1914.26	1940.08	1849.84	1810.81	1774.23	1818.13
γ 28.0	1783.86	1758.24	1804.00	1881.93	1886.61	1824.71	1785.50	1815.07	1734.44	1697.60	1660.84	1705.23
γ 29.0	1671.79	1647.39	1689.03	1766.70	1771.50	1710.44	1672.82	1701.77	1629.97	1593.13	1560.12	1601.21
γ 30.0	1569.31	1549.26	1586.01	1662.63	1667.90	1610.95	1575.40	1599.94	1534.85	1501.37	1469.20	1507.61
γ 31.0	1475.59	1461.43	1494.01	1572.36	1574.78	1523.93	1487.56	1508.60	1453.14	1422.25	1391.00	1422.81
γ 32.0	1393.83	1384.84	1412.15	1495.70	1493.10	1448.23	1409.33	1432.03	1382.43	1351.23	1323.03	1348.20
γ 33.0	1323.82	1321.56	1343.96	1429.04	1419.56	1378.22	1338.43	1363.71	1323.42	1289.57	1267.21	1287.30
γ 34.0	1258.38	1262.46	1287.55	1371.55	1353.49	1317.37	1277.14	1304.40	1274.13	1237.81	1215.60	1229.82
γ 35.0	1199.54	1209.66	1234.62	1315.36	1294.50	1258.97	1217.73	1248.30	1225.42	1190.39	1172.05	1178.80
γ 36.0	1138.49	1154.52	1186.45	1263.42	1238.04	1200.68	1163.33	1199.81	1181.53	1146.98	1126.04	1123.23
γ 37.0	1071.89	1099.67	1130.39	1207.95	1184.12	1142.02	1106.02	1146.95	1134.31	1093.29	1076.11	1063.23
γ 38.0	988.85	1026.38	1066.03	1148.28	1123.84	1080.91	1047.92	1092.89	1076.05	1024.08	1001.59	981.92
γ 39.0	891.49	935.95	983.76	1066.53	1051.79	1007.46	972.68	1019.09	990.90	936.27	909.75	884.10
γ 40.0	781.62	830.78	883.98	967.54	959.70	912.82	878.84	925.40	888.10	834.05	802.87	775.42
γ 41.0	665.01	716.39	771.43	852.84	850.78	804.24	773.84	814.66	774.12	720.27	686.99	659.50
γ 42.0	545.89	598.88	651.85	727.30	731.32	688.59	662.64	698.99	653.66	599.95	568.39	542.22
γ 43.0	431.59	482.81	531.03	598.00	607.92	571.25	551.24	579.16	533.90	480.00	449.57	426.94
γ 44.0	327.88	372.35	412.78	470.46	485.85	456.36	443.12	460.72	418.06	369.32	339.96	321.70
γ 45.0	239.70	272.41	306.79	351.50	371.81	348.82	341.80	349.99	312.36	274.70	245.19	232.58
γ 46.0	172.96	193.79	219.13	249.25	270.62	254.98	254.00	254.47	225.25	201.85	176.02	167.34

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	135.70	145.87	157.39	170.73	190.15	180.43	184.65	182.35	165.21	154.15	138.84	131.43
γ 48.0	114.40	120.03	125.85	125.69	135.96	132.29	140.08	141.28	134.20	128.61	116.98	110.63
γ 49.0	102.50	106.04	105.42	101.91	109.39	106.91	115.17	117.92	115.89	112.31	104.77	98.24
γ 50.0	90.72	93.28	92.08	88.08	93.75	91.55	100.79	105.47	102.29	97.67	91.01	84.71
γ 51.0	79.07	80.83	78.51	71.34	79.47	79.45	88.67	90.34	86.33	82.40	76.71	73.63
γ 52.0	73.51	74.41	69.94	60.85	63.87	64.64	73.78	76.41	76.56	75.84	71.68	68.71
γ 53.0	68.61	69.10	64.70	56.63	58.47	59.04	67.59	71.02	71.28	70.53	67.00	64.21
γ 54.0	64.10	64.22	60.02	52.83	54.45	54.95	62.58	66.12	66.37	65.63	62.58	60.08
γ 55.0	59.98	59.90	56.01	49.42	50.72	51.18	58.07	61.66	61.94	61.18	58.48	56.29
γ 56.0	56.14	55.93	52.24	46.29	47.41	47.80	54.07	57.52	57.79	57.01	54.75	52.68
γ 57.0	52.51	52.26	48.86	43.48	44.34	44.69	50.33	53.72	54.05	53.17	51.13	49.26
γ 58.0	49.08	48.76	45.65	40.78	41.54	41.87	46.95	50.13	50.38	49.57	47.78	46.05
γ 59.0	45.71	45.49	42.73	38.29	38.87	39.09	43.73	46.82	47.05	46.14	44.43	42.88
γ 60.0	42.47	42.26	39.81	35.90	36.39	36.62	40.81	43.60	43.70	42.68	41.11	39.81
γ 61.0	39.58	39.35	37.04	33.46	33.88	34.15	37.94	40.45	40.57	39.59	38.22	37.09
γ 62.0	36.98	36.70	34.62	31.27	31.62	31.88	35.29	37.57	37.73	36.90	35.70	34.67
γ 63.0	34.49	34.26	32.38	29.42	29.67	29.82	32.88	35.01	35.14	34.29	33.19	32.29
γ 64.0	32.15	31.92	30.20	27.46	27.74	27.79	30.63	32.49	32.61	31.93	30.94	30.15
γ 65.0	29.94	29.71	28.22	25.75	25.93	25.88	28.49	30.29	30.31	29.63	28.74	28.08
γ 66.0	27.82	27.61	26.21	24.03	24.18	24.20	26.49	28.10	28.08	27.44	26.70	26.14
γ 67.0	25.88	25.73	24.48	22.39	22.49	22.50	24.58	26.02	26.06	25.46	24.81	24.34
γ 68.0	24.02	23.84	22.78	20.98	21.06	20.95	22.82	24.18	24.14	23.55	22.98	22.63
γ 69.0	22.40	22.14	21.17	19.54	19.62	19.47	21.10	22.34	22.35	21.86	21.38	21.14
γ 70.0	20.81	20.55	19.73	18.27	18.32	18.10	19.53	20.70	20.74	20.30	19.83	19.61
γ 71.0	19.22	18.93	18.30	17.04	17.07	16.77	18.00	19.12	19.14	18.72	18.35	18.15
γ 72.0	17.64	17.44	16.93	15.85	15.84	15.52	16.53	17.58	17.67	17.26	16.86	16.70
γ 73.0	15.92	15.80	15.50	14.63	14.66	14.34	15.16	16.13	16.09	15.56	15.13	15.00
γ 74.0	14.48	14.28	13.98	13.15	13.30	12.94	13.64	14.50	14.45	14.05	13.74	13.67
γ 75.0	13.22	13.06	12.81	12.00	12.04	11.62	12.28	13.09	13.13	12.85	12.54	12.48
γ 76.0	11.81	11.73	11.63	11.07	11.06	10.66	11.18	11.93	11.86	11.53	11.08	11.13
γ 77.0	10.52	10.35	10.32	9.93	10.02	9.67	10.08	10.65	10.48	10.22	9.80	9.88
γ 78.0	9.21	9.13	9.20	8.94	9.00	8.72	9.02	9.42	9.28	9.05	8.56	8.63
γ 79.0	7.69	7.74	8.04	7.92	8.10	7.77	7.98	8.17	7.95	7.61	7.07	7.15
γ 80.0	6.49	6.50	6.79	6.66	6.88	6.69	6.82	6.84	6.65	6.33	5.91	6.03
γ 81.0	5.36	5.39	5.75	5.74	5.93	5.70	5.79	5.77	5.51	5.20	4.71	4.89
γ 82.0	4.11	4.19	4.62	4.76	4.99	4.74	4.70	4.65	4.20	3.88	3.50	3.72
γ 83.0	3.17	3.22	3.57	3.66	3.82	3.63	3.57	3.51	3.13	2.91	2.60	2.84
γ 84.0	2.27	2.35	2.72	2.77	2.92	2.74	2.69	2.57	2.18	2.00	1.70	1.92
γ 85.0	1.42	1.48	1.80	1.85	2.05	1.86	1.76	1.64	1.19	1.13	0.92	1.12
γ 86.0	0.89	0.92	1.09	0.99	1.18	1.00	0.94	0.90	0.47	0.49	0.37	0.60
γ 87.0	0.34	0.36	0.50	0.26	0.52	0.42	0.37	0.30	0.00	0.00	0.00	0.02
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	0.08	0.12	0.09
γ 116. 0	0.17	0.09	0.05	0.00	0.00	0.00	0.09	0.16	0.15	0.26	0.30	0.27
γ 117. 0	0.35	0.25	0.23	0.16	0.14	0.10	0.27	0.34	0.35	0.46	0.49	0.45
γ 118. 0	0.54	0.45	0.40	0.33	0.32	0.27	0.47	0.53	0.55	0.66	0.69	0.64
γ 119. 0	0.73	0.64	0.59	0.53	0.50	0.45	0.65	0.73	0.76	0.86	0.91	0.84
γ 120. 0	0.93	0.84	0.78	0.72	0.67	0.64	0.87	0.93	0.98	1.09	1.13	1.05
γ 121. 0	1.15	1.06	1.01	0.92	0.88	0.84	1.09	1.14	1.21	1.32	1.37	1.29
γ 122. 0	1.38	1.28	1.22	1.14	1.08	1.05	1.33	1.38	1.47	1.55	1.61	1.53
γ 123. 0	1.61	1.51	1.45	1.36	1.31	1.26	1.58	1.62	1.71	1.81	1.88	1.77
γ 124. 0	1.86	1.76	1.70	1.60	1.54	1.51	1.82	1.88	1.98	2.07	2.15	2.03
γ 125. 0	2.12	2.02	1.96	1.85	1.77	1.75	2.10	2.14	2.26	2.36	2.44	2.31
γ 126. 0	2.40	2.30	2.22	2.12	2.05	2.02	2.39	2.44	2.56	2.66	2.74	2.61
γ 127. 0	2.70	2.60	2.51	2.39	2.30	2.29	2.69	2.74	2.87	2.99	3.07	2.92
γ 128. 0	3.03	2.91	2.82	2.69	2.60	2.59	3.00	3.06	3.19	3.31	3.39	3.25
γ 129. 0	3.34	3.23	3.12	3.00	2.90	2.90	3.33	3.40	3.56	3.68	3.77	3.60
γ 130. 0	3.71	3.58	3.44	3.31	3.22	3.21	3.70	3.76	3.92	4.05	4.14	3.97
γ 131. 0	4.08	3.95	3.80	3.68	3.56	3.56	4.07	4.14	4.31	4.42	4.53	4.36
γ 132. 0	4.48	4.33	4.18	4.05	3.93	3.92	4.46	4.53	4.71	4.84	4.95	4.78
γ 133. 0	4.89	4.72	4.57	4.44	4.32	4.33	4.89	4.95	5.14	5.26	5.39	5.20
γ 134. 0	5.32	5.14	4.97	4.83	4.72	4.73	5.34	5.40	5.59	5.71	5.84	5.66
γ 135. 0	5.78	5.57	5.41	5.25	5.14	5.15	5.79	5.84	6.04	6.16	6.30	6.11
γ 136. 0	6.23	6.03	5.85	5.69	5.57	5.59	6.25	6.30	6.52	6.65	6.76	6.59
γ 137. 0	6.72	6.51	6.32	6.13	6.02	6.04	6.75	6.78	7.02	7.12	7.25	7.07
γ 138. 0	7.21	6.98	6.80	6.61	6.48	6.51	7.24	7.28	7.54	7.64	7.76	7.58
γ 139. 0	7.73	7.49	7.31	7.11	6.96	7.00	7.77	7.81	8.10	8.17	8.27	8.10
γ 140. 0	8.25	8.02	7.82	7.60	7.45	7.49	8.30	8.36	8.63	8.72	8.80	8.62

IES Indoor Report

Photometric Filename:UL-36W-COB-3600-AH 60D 3000K.IES

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	8.78	8.55	8.34	8.11	7.96	8.01	8.83	8.90	9.20	9.27	9.35	9.14
γ 142.0	9.34	9.11	8.88	8.65	8.45	8.48	9.39	9.47	9.76	9.84	9.89	9.69
γ 143.0	9.90	9.67	9.43	9.19	8.98	9.01	9.94	10.03	10.34	10.41	10.47	10.21
γ 144.0	10.47	10.24	9.97	9.73	9.51	9.54	10.52	10.61	10.91	10.96	11.02	10.76
γ 145.0	11.05	10.81	10.53	10.29	10.04	10.07	11.09	11.18	11.48	11.54	11.59	11.31
γ 146.0	11.61	11.38	11.09	10.84	10.59	10.61	11.67	11.75	12.07	12.11	12.16	11.86
γ 147.0	12.19	11.94	11.64	11.37	11.13	11.14	12.24	12.34	12.63	12.67	12.71	12.42
γ 148.0	12.77	12.51	12.20	11.93	11.67	11.69	12.81	12.90	13.21	13.24	13.29	12.98
γ 149.0	13.35	13.10	12.77	12.50	12.23	12.25	13.40	13.47	13.78	13.79	13.87	13.54
γ 150.0	13.94	13.69	13.35	13.07	12.79	12.82	13.98	14.05	14.38	14.39	14.45	14.13
γ 151.0	14.55	14.30	13.94	13.64	13.37	13.41	14.57	14.64	14.98	14.97	15.04	14.73
γ 152.0	15.15	14.90	14.54	14.23	13.93	13.99	15.17	15.24	15.58	15.57	15.64	15.32
γ 153.0	15.77	15.50	15.13	14.83	14.53	14.59	15.78	15.83	16.19	16.15	16.23	15.91
γ 154.0	16.39	16.11	15.74	15.44	15.12	15.19	16.38	16.43	16.77	16.75	16.81	16.50
γ 155.0	16.98	16.72	16.34	16.03	15.73	15.79	16.98	17.02	17.37	17.34	17.41	17.08
γ 156.0	17.58	17.32	16.93	16.62	16.32	16.39	17.58	17.60	17.97	17.92	17.99	17.65
γ 157.0	18.19	17.92	17.52	17.21	16.90	16.98	18.19	18.19	18.56	18.49	18.56	18.22
γ 158.0	18.76	18.50	18.10	17.77	17.47	17.55	18.76	18.76	19.11	19.06	19.11	18.76
γ 159.0	19.34	19.08	18.69	18.35	18.02	18.11	19.33	19.32	19.68	19.61	19.65	19.28
γ 160.0	19.89	19.64	19.22	18.90	18.58	18.68	19.87	19.86	20.19	20.12	20.16	19.79
γ 161.0	20.42	20.18	19.77	19.44	19.08	19.22	20.39	20.37	20.70	20.62	20.66	20.28
γ 162.0	20.94	20.69	20.28	19.97	19.62	19.75	20.92	20.88	21.20	21.11	21.14	20.75
γ 163.0	21.44	21.18	20.80	20.47	20.10	20.26	21.39	21.35	21.66	21.57	21.59	21.22
γ 164.0	21.90	21.65	21.27	20.95	20.59	20.74	21.86	21.82	22.12	22.00	22.02	21.64
γ 165.0	22.33	22.10	21.71	21.42	21.05	21.22	22.30	22.25	22.52	22.40	22.43	22.04
γ 166.0	22.76	22.52	22.14	21.84	21.48	21.65	22.72	22.64	22.90	22.79	22.80	22.42
γ 167.0	23.15	22.92	22.54	22.26	21.89	22.10	23.12	23.01	23.26	23.13	23.15	22.79
γ 168.0	23.51	23.28	22.92	22.65	22.28	22.49	23.50	23.36	23.61	23.46	23.48	23.13
γ 169.0	23.84	23.63	23.27	23.01	22.66	22.87	23.84	23.69	23.89	23.76	23.77	23.44
γ 170.0	24.15	23.93	23.59	23.33	22.99	23.22	24.15	23.99	24.15	24.01	24.04	23.74
γ 171.0	24.42	24.21	23.86	23.64	23.32	23.56	24.45	24.24	24.40	24.24	24.27	24.00
γ 172.0	24.66	24.47	24.12	23.90	23.62	23.86	24.71	24.48	24.61	24.44	24.51	24.24
γ 173.0	24.89	24.69	24.34	24.16	23.89	24.14	24.96	24.68	24.79	24.63	24.69	24.46
γ 174.0	25.08	24.91	24.54	24.39	24.13	24.38	25.19	24.87	24.97	24.78	24.85	24.66
γ 175.0	25.23	25.10	24.73	24.60	24.36	24.63	25.38	25.05	25.11	24.93	24.99	24.84
γ 176.0	25.38	25.24	24.89	24.79	24.56	24.85	25.55	25.20	25.24	25.03	25.10	24.99
γ 177.0	25.51	25.38	25.04	24.95	24.76	25.03	25.70	25.31	25.33	25.11	25.18	25.15
γ 178.0	25.62	25.50	25.16	25.10	24.92	25.18	25.83	25.42	25.43	25.18	25.25	25.25
γ 179.0	25.71	25.59	25.25	25.21	25.06	25.30	25.90	25.49	25.45	25.21	25.27	25.30
γ 180.0	25.48	25.48	25.48	25.48	25.48	25.48	25.48	25.48	25.48	25.48	25.48	25.48