

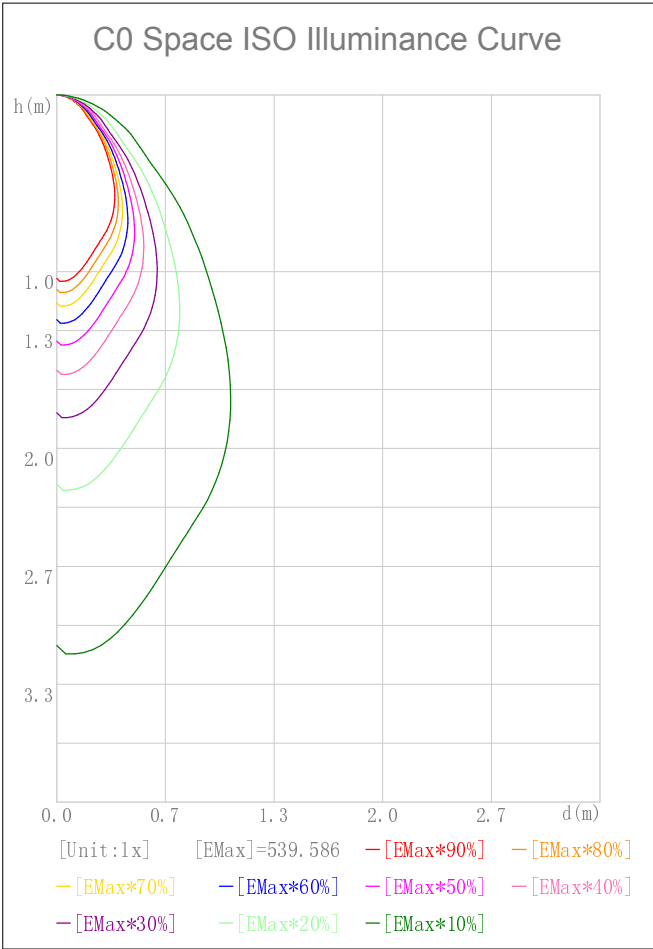
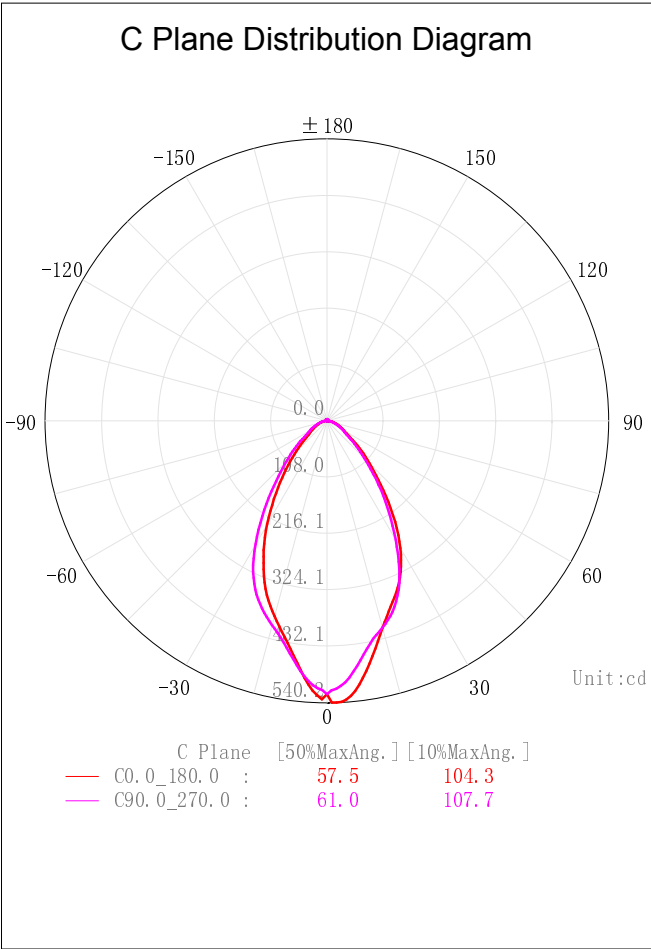
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 55252		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2022/03/30
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency (Hz):	Lamp CCT(K): 3000 Ra: 80
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

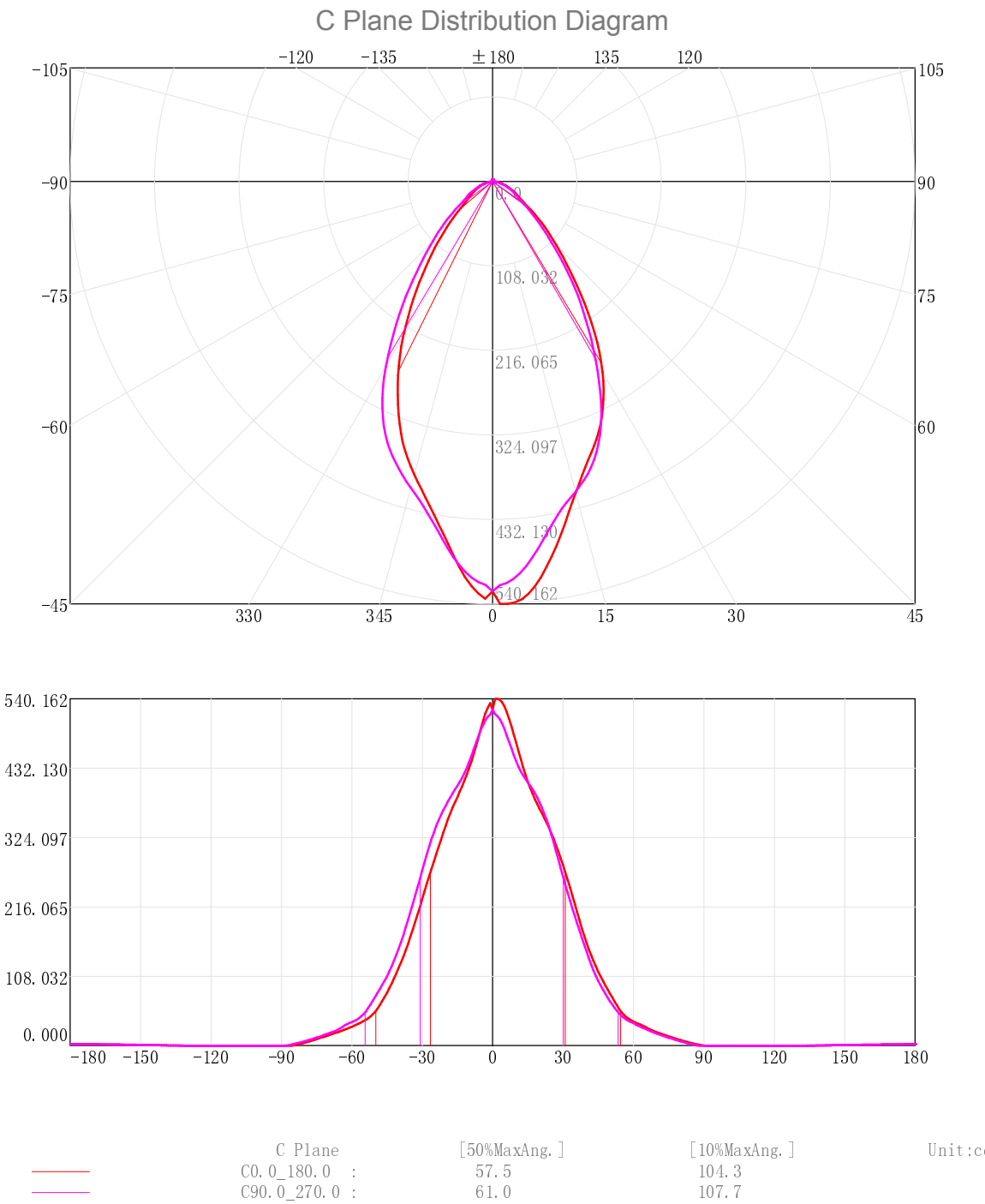
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 593.390	Luminary Flux(lm): 593.386	Field Angle(10%Imax): 104.3(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 591.250lm 99.64%	
Rated Voltage(V): 220	Luminary EER(lm/W): 88.578	Up Lumens&Percent: 2.136lm 0.36%	
Tested Power(W): 6.699	Max. Candela(cd): 540.162	S/MH: C0_a180=0.835 C90_270=0.886	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=2.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):229.8, 0.054, 0.535	Beam Angle(50%Imax): 57.5(°)	ErP Φ use(90°): 466.760lm	
Lamp Size(W*L*H):0.050m*-0.050m*0.000m	Left=-26.5°, Right=31.0°	IRF(%): 212.232	



2D Plane Light Intensity Distribution Curve

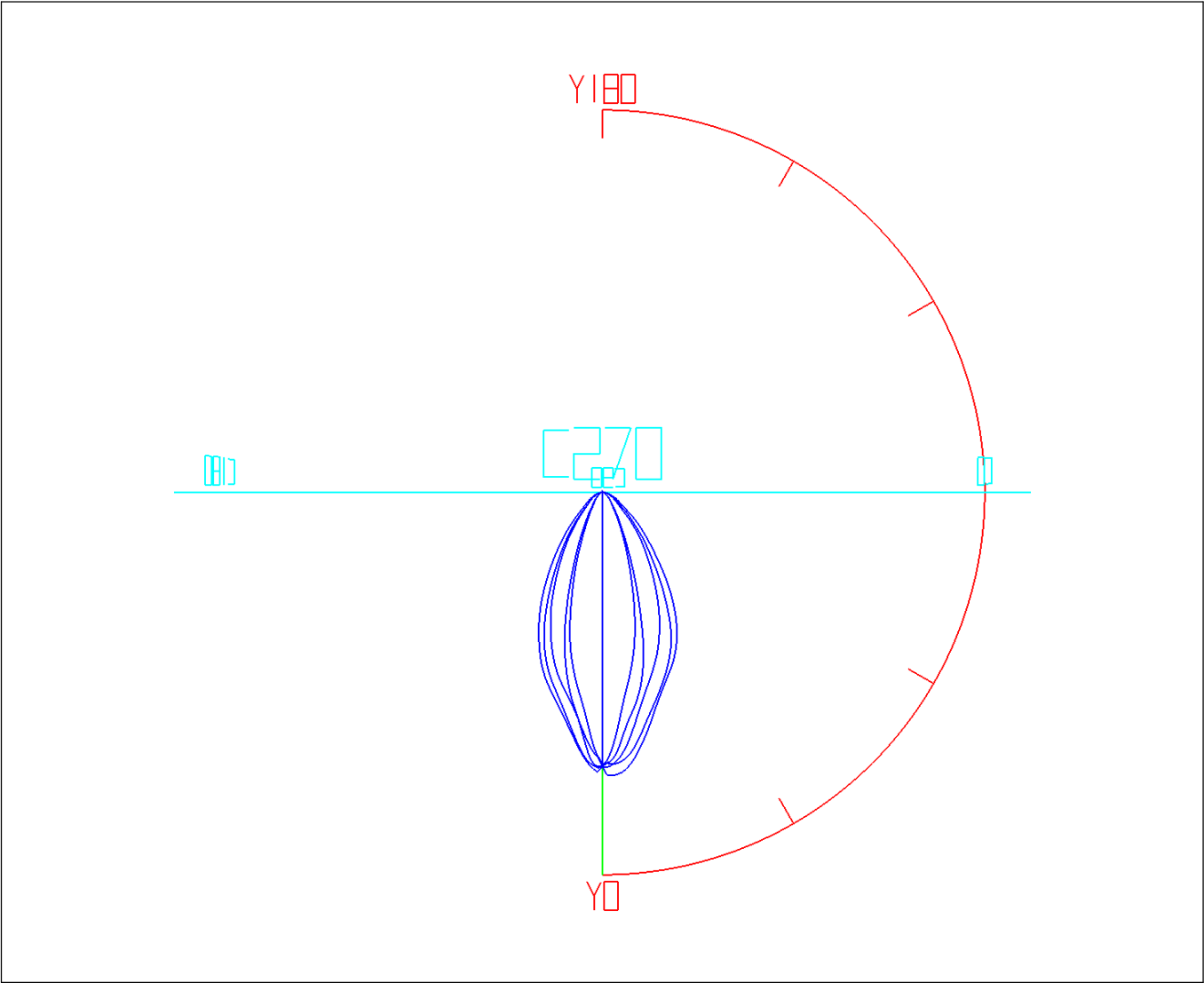
Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2022/03/30



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: 2022/03/30

3D Light Intensity Distribution Modal



Curves:

3D Model

Fixture

Vert. HUD

Hori. HUD

View Angles:

Orient:0

Tilt:0

Roll:0

Spin:0

IES Indoor Report

Photometric Filename:GU10-40D-3000K.IES

Zonal Flux Tabulation

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.50	0.50	0.08	0.08	47.0-48.0	6.91	492.12	1.16	82.93
1.0-2.0	1.49	1.99	0.25	0.34	48.0-49.0	6.50	498.62	1.10	84.03
2.0-3.0	2.46	4.45	0.41	0.75	49.0-50.0	6.11	504.73	1.03	85.06
3.0-4.0	3.40	7.85	0.57	1.32	50.0-51.0	5.73	510.46	0.97	86.02
4.0-5.0	4.31	12.16	0.73	2.05	51.0-52.0	5.37	515.83	0.91	86.93
5.0-6.0	5.16	17.32	0.87	2.92	52.0-53.0	5.02	520.86	0.85	87.78
6.0-7.0	5.96	23.29	1.00	3.92	53.0-54.0	4.70	525.55	0.79	88.57
7.0-8.0	6.71	30.00	1.13	5.06	54.0-55.0	4.39	529.94	0.74	89.31
8.0-9.0	7.42	37.42	1.25	6.31	55.0-56.0	4.13	534.07	0.70	90.00
9.0-10.0	8.09	45.51	1.36	7.67	56.0-57.0	3.91	537.98	0.66	90.66
10.0-11.0	8.73	54.24	1.47	9.14	57.0-58.0	3.72	541.69	0.63	91.29
11.0-12.0	9.34	63.58	1.57	10.71	58.0-59.0	3.56	545.25	0.60	91.89
12.0-13.0	9.93	73.51	1.67	12.39	59.0-60.0	3.42	548.67	0.58	92.46
13.0-14.0	10.50	84.00	1.77	14.16	60.0-61.0	3.29	551.96	0.55	93.02
14.0-15.0	11.05	95.05	1.86	16.02	61.0-62.0	3.15	555.11	0.53	93.55
15.0-16.0	11.58	106.63	1.95	17.97	62.0-63.0	3.02	558.13	0.51	94.06
16.0-17.0	12.07	118.70	2.03	20.00	63.0-64.0	2.87	561.00	0.48	94.54
17.0-18.0	12.54	131.24	2.11	22.12	64.0-65.0	2.71	563.72	0.46	95.00
18.0-19.0	12.96	144.19	2.18	24.30	65.0-66.0	2.55	566.27	0.43	95.43
19.0-20.0	13.34	157.53	2.25	26.55	66.0-67.0	2.40	568.67	0.40	95.83
20.0-21.0	13.68	171.22	2.31	28.85	67.0-68.0	2.26	570.92	0.38	96.21
21.0-22.0	13.98	185.20	2.36	31.21	68.0-69.0	2.12	573.05	0.36	96.57
22.0-23.0	14.22	199.42	2.40	33.61	69.0-70.0	2.00	575.04	0.34	96.91
23.0-24.0	14.41	213.83	2.43	36.03	70.0-71.0	1.87	576.92	0.32	97.22
24.0-25.0	14.53	228.36	2.45	38.48	71.0-72.0	1.75	578.67	0.30	97.52
25.0-26.0	14.60	242.95	2.46	40.94	72.0-73.0	1.63	580.29	0.27	97.79
26.0-27.0	14.61	257.56	2.46	43.40	73.0-74.0	1.51	581.80	0.25	98.05
27.0-28.0	14.56	272.11	2.45	45.86	74.0-75.0	1.39	583.19	0.23	98.28
28.0-29.0	14.44	286.55	2.43	48.29	75.0-76.0	1.27	584.45	0.21	98.49
29.0-30.0	14.26	300.81	2.40	50.69	76.0-77.0	1.15	585.60	0.19	98.69
30.0-31.0	14.02	314.83	2.36	53.06	77.0-78.0	1.03	586.64	0.17	98.86
31.0-32.0	13.73	328.56	2.31	55.37	78.0-79.0	0.92	587.55	0.15	99.02
32.0-33.0	13.41	341.96	2.26	57.63	79.0-80.0	0.81	588.36	0.14	99.15
33.0-34.0	13.06	355.02	2.20	59.83	80.0-81.0	0.70	589.06	0.12	99.27
34.0-35.0	12.68	367.70	2.14	61.97	81.0-82.0	0.59	589.65	0.10	99.37
35.0-36.0	12.28	379.98	2.07	64.04	82.0-83.0	0.49	590.13	0.08	99.45
36.0-37.0	11.85	391.83	2.00	66.03	83.0-84.0	0.39	590.52	0.06	99.52
37.0-38.0	11.40	403.23	1.92	67.95	84.0-85.0	0.29	590.81	0.05	99.56
38.0-39.0	10.94	414.17	1.84	69.80	85.0-86.0	0.20	591.01	0.03	99.60
39.0-40.0	10.47	424.64	1.76	71.56	86.0-87.0	0.13	591.14	0.02	99.62
40.0-41.0	10.01	434.65	1.69	73.25	87.0-88.0	0.07	591.21	0.01	99.63
41.0-42.0	9.54	444.19	1.61	74.86	88.0-89.0	0.03	591.24	0.01	99.64
42.0-43.0	9.09	453.28	1.53	76.39	89.0-90.0	0.01	591.25	0.00	99.64
43.0-44.0	8.64	461.92	1.46	77.84	90.0-91.0	0.00	591.25	0.00	99.64
44.0-45.0	8.20	470.12	1.38	79.23	91.0-92.0	0.00	591.25	0.00	99.64
45.0-46.0	7.76	477.88	1.31	80.53	92.0-93.0	0.00	591.25	0.00	99.64
46.0-47.0	7.33	485.21	1.24	81.77	93.0-94.0	0.00	591.25	0.00	99.64

Base C

IES Indoor Report

Photometric Filename:GU10-40D-3000K.IES

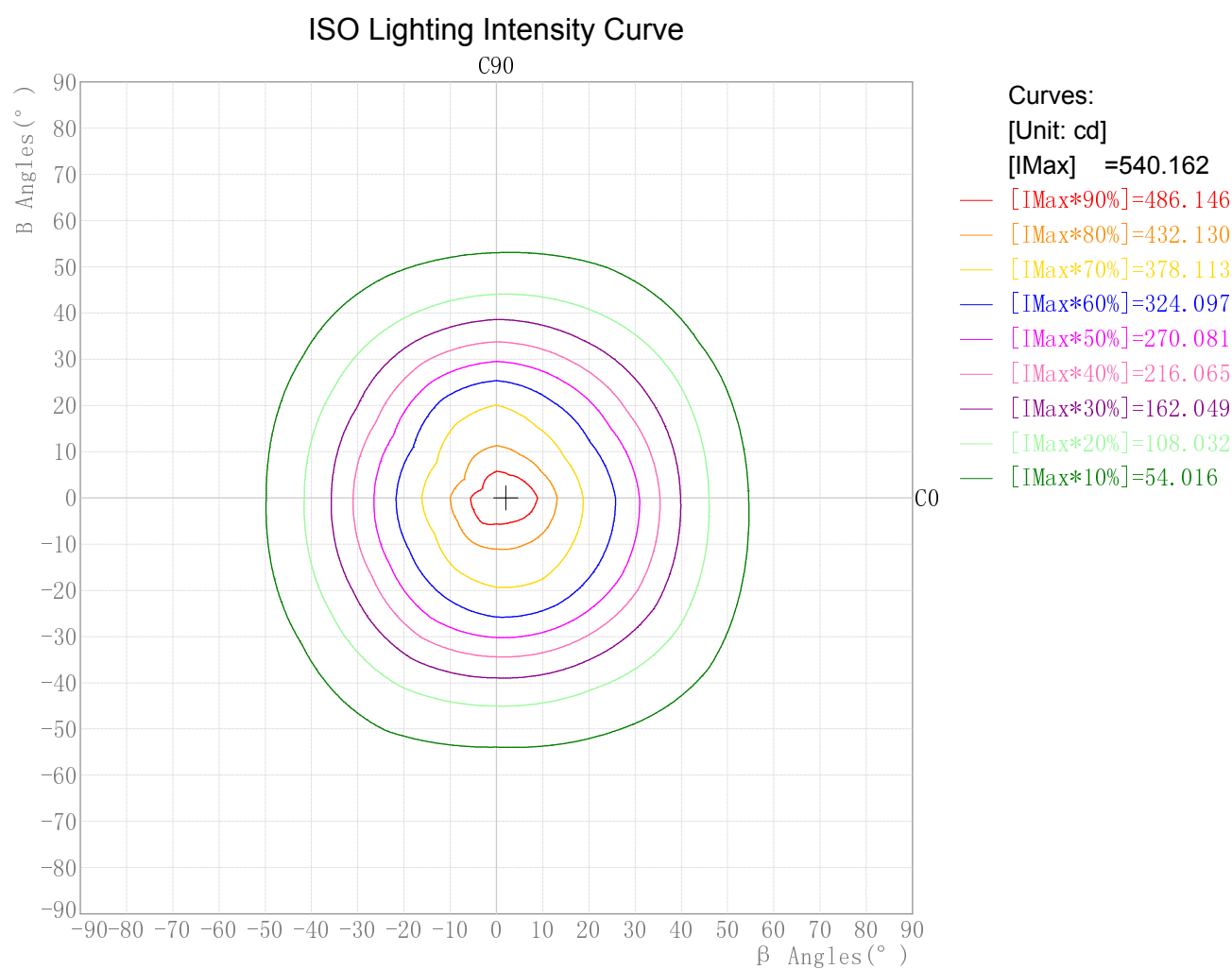
Zonal Flux Tabulation - (Cont.)

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	591.25	0.00	99.64	141.0-142.0	0.04	591.53	0.01	99.69
95.0-96.0	0.00	591.25	0.00	99.64	142.0-143.0	0.05	591.58	0.01	99.70
96.0-97.0	0.00	591.25	0.00	99.64	143.0-144.0	0.05	591.63	0.01	99.70
97.0-98.0	0.00	591.25	0.00	99.64	144.0-145.0	0.05	591.68	0.01	99.71
98.0-99.0	0.00	591.25	0.00	99.64	145.0-146.0	0.05	591.73	0.01	99.72
99.0-100.0	0.00	591.25	0.00	99.64	146.0-147.0	0.06	591.79	0.01	99.73
100.0-101.0	0.00	591.25	0.00	99.64	147.0-148.0	0.06	591.85	0.01	99.74
101.0-102.0	0.00	591.25	0.00	99.64	148.0-149.0	0.06	591.91	0.01	99.75
102.0-103.0	0.00	591.25	0.00	99.64	149.0-150.0	0.06	591.97	0.01	99.76
103.0-104.0	0.00	591.25	0.00	99.64	150.0-151.0	0.06	592.03	0.01	99.77
104.0-105.0	0.00	591.25	0.00	99.64	151.0-152.0	0.06	592.09	0.01	99.78
105.0-106.0	0.00	591.25	0.00	99.64	152.0-153.0	0.07	592.16	0.01	99.79
106.0-107.0	0.00	591.25	0.00	99.64	153.0-154.0	0.07	592.22	0.01	99.80
107.0-108.0	0.00	591.25	0.00	99.64	154.0-155.0	0.07	592.29	0.01	99.81
108.0-109.0	0.00	591.25	0.00	99.64	155.0-156.0	0.07	592.36	0.01	99.83
109.0-110.0	0.00	591.25	0.00	99.64	156.0-157.0	0.07	592.42	0.01	99.84
110.0-111.0	0.00	591.25	0.00	99.64	157.0-158.0	0.07	592.49	0.01	99.85
111.0-112.0	0.00	591.25	0.00	99.64	158.0-159.0	0.07	592.56	0.01	99.86
112.0-113.0	0.00	591.25	0.00	99.64	159.0-160.0	0.06	592.62	0.01	99.87
113.0-114.0	0.00	591.25	0.00	99.64	160.0-161.0	0.06	592.68	0.01	99.88
114.0-115.0	0.00	591.25	0.00	99.64	161.0-162.0	0.06	592.75	0.01	99.89
115.0-116.0	0.00	591.25	0.00	99.64	162.0-163.0	0.06	592.81	0.01	99.90
116.0-117.0	0.00	591.25	0.00	99.64	163.0-164.0	0.06	592.87	0.01	99.91
117.0-118.0	0.00	591.25	0.00	99.64	164.0-165.0	0.06	592.92	0.01	99.92
118.0-119.0	0.00	591.25	0.00	99.64	165.0-166.0	0.05	592.98	0.01	99.93
119.0-120.0	0.00	591.25	0.00	99.64	166.0-167.0	0.05	593.03	0.01	99.94
120.0-121.0	0.00	591.25	0.00	99.64	167.0-168.0	0.05	593.08	0.01	99.95
121.0-122.0	0.00	591.25	0.00	99.64	168.0-169.0	0.05	593.13	0.01	99.96
122.0-123.0	0.00	591.25	0.00	99.64	169.0-170.0	0.04	593.17	0.01	99.96
123.0-124.0	0.00	591.25	0.00	99.64	170.0-171.0	0.04	593.21	0.01	99.97
124.0-125.0	0.00	591.25	0.00	99.64	171.0-172.0	0.04	593.24	0.01	99.98
125.0-126.0	0.00	591.25	0.00	99.64	172.0-173.0	0.03	593.28	0.01	99.98
126.0-127.0	0.00	591.25	0.00	99.64	173.0-174.0	0.03	593.31	0.00	99.99
127.0-128.0	0.00	591.25	0.00	99.64	174.0-175.0	0.02	593.33	0.00	99.99
128.0-129.0	0.00	591.25	0.00	99.64	175.0-176.0	0.02	593.35	0.00	99.99
129.0-130.0	0.00	591.26	0.00	99.64	176.0-177.0	0.02	593.37	0.00	100.00
130.0-131.0	0.00	591.26	0.00	99.64	177.0-178.0	0.01	593.38	0.00	100.00
131.0-132.0	0.01	591.27	0.00	99.64	178.0-179.0	0.01	593.38	0.00	100.00
132.0-133.0	0.01	591.28	0.00	99.64	179.0-180.0	0.00	593.39	0.00	100.00
133.0-134.0	0.01	591.29	0.00	99.65					
134.0-135.0	0.02	591.31	0.00	99.65					
135.0-136.0	0.02	591.33	0.00	99.65					
136.0-137.0	0.03	591.35	0.00	99.66					
137.0-138.0	0.03	591.38	0.00	99.66					
138.0-139.0	0.03	591.42	0.01	99.67					
139.0-140.0	0.04	591.45	0.01	99.67					
140.0-141.0	0.04	591.49	0.01	99.68					

Base C

Rectangle ISO Lighting Intensity Diagram

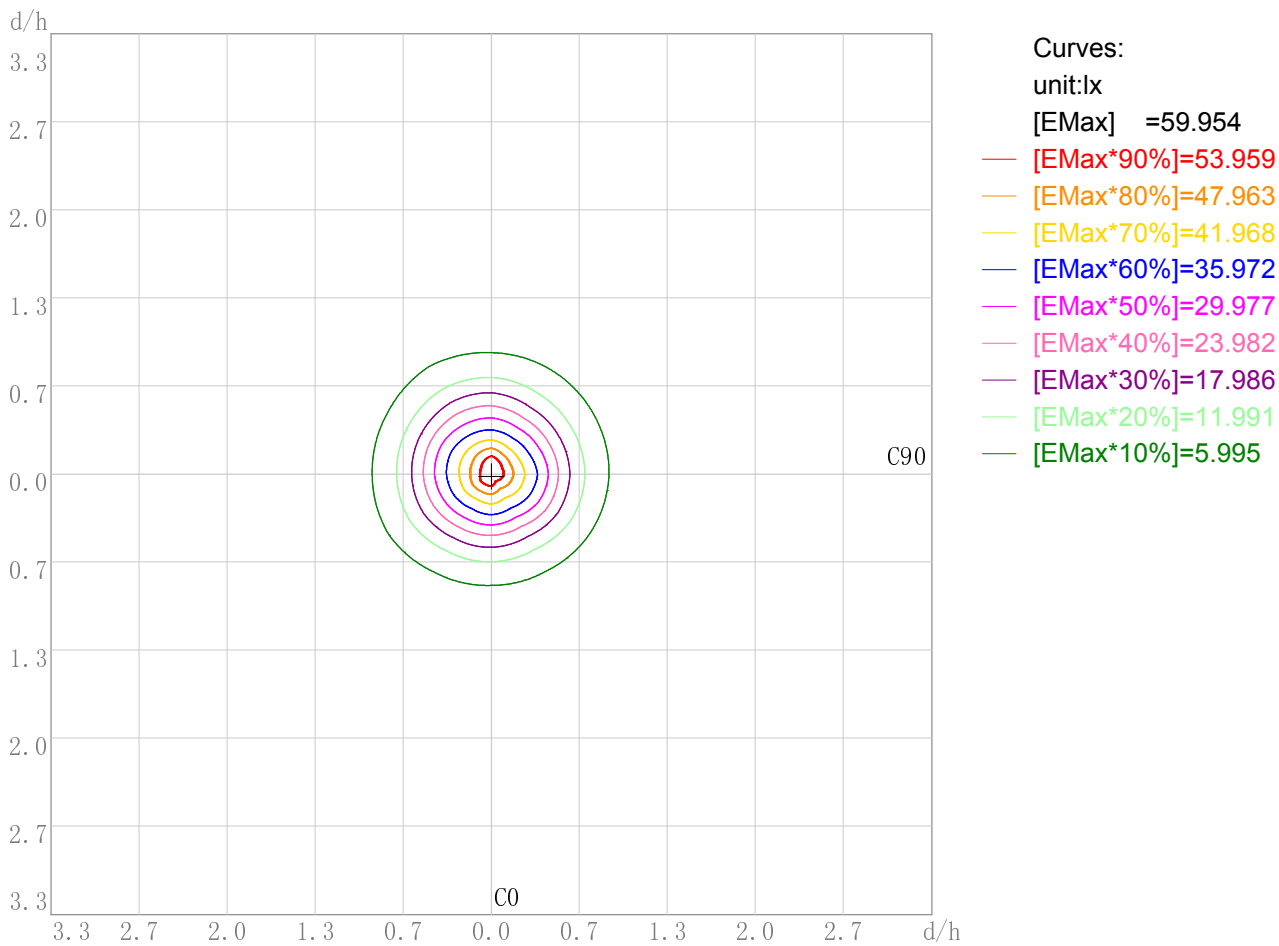
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/03/30



Plane ISO-Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/03/30

Plane ISO-Illuminance Curve

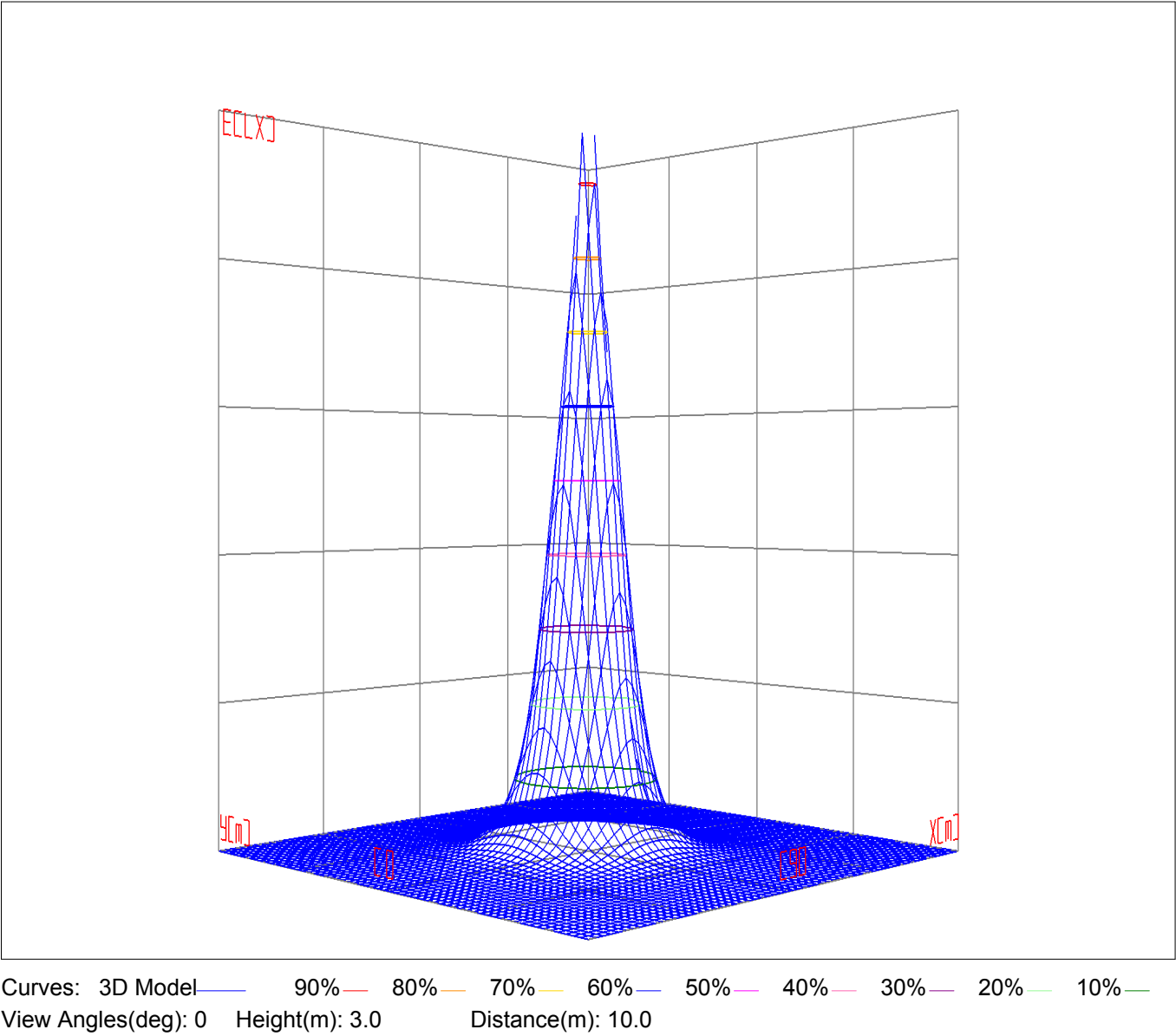


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 59.95
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

3D Plane ISO Illuminance Diagram

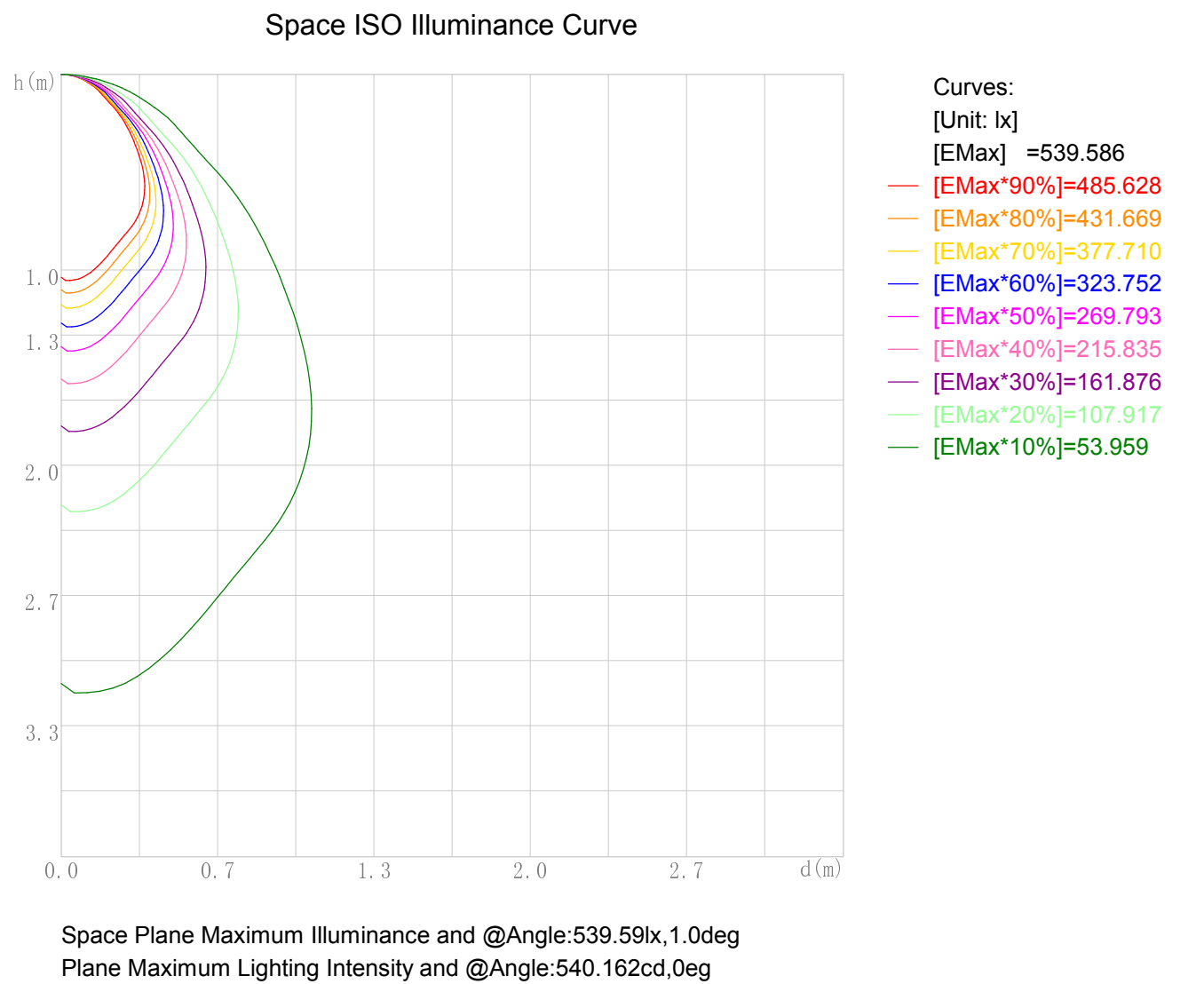
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Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/03/30

3D Plane Illuminance Modal



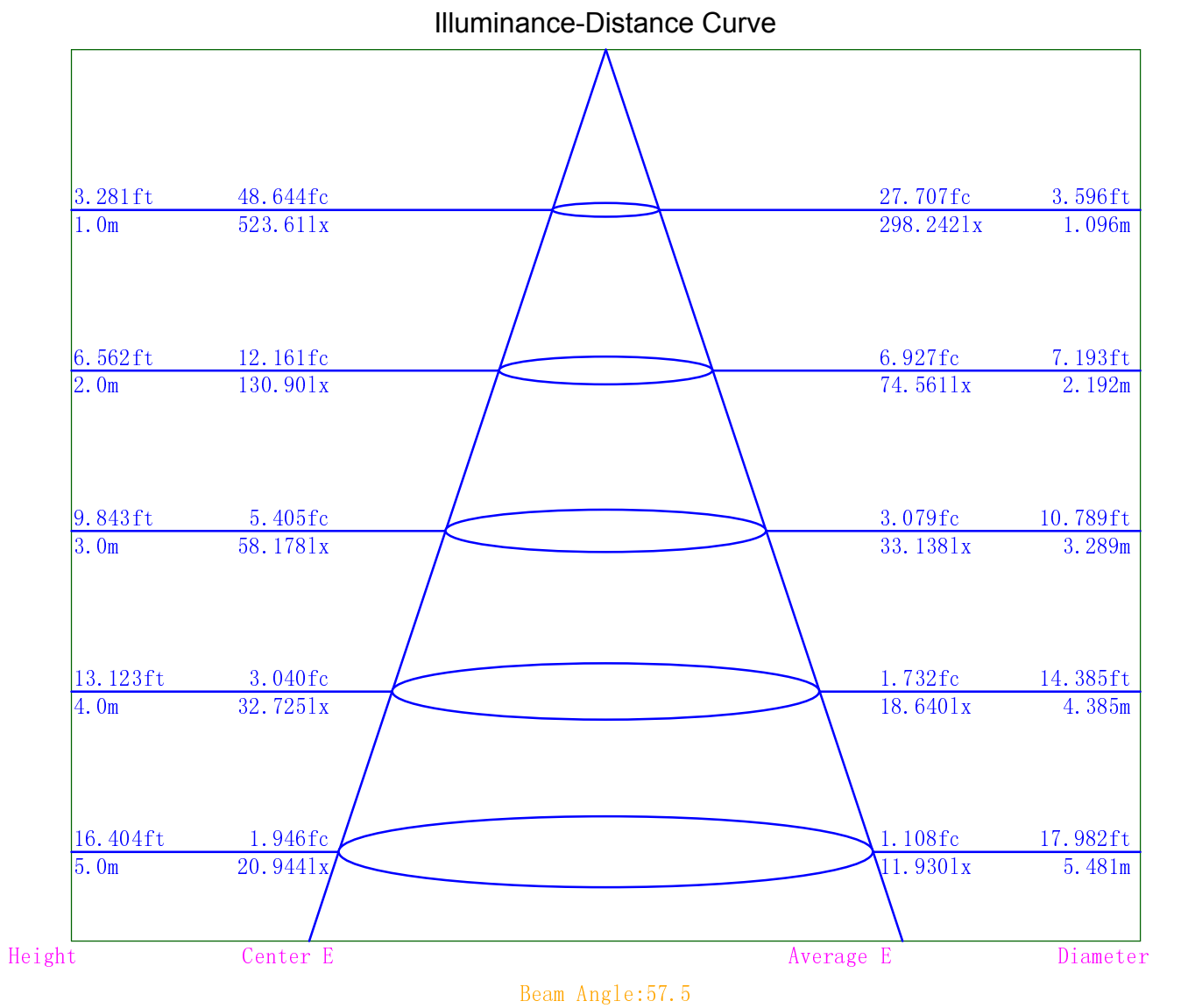
Space ISO Illuminance Diagram

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/03/30



Illuminance-Distance Diagram

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/03/30



Indoor Luminance Limiting Curves

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/03/30

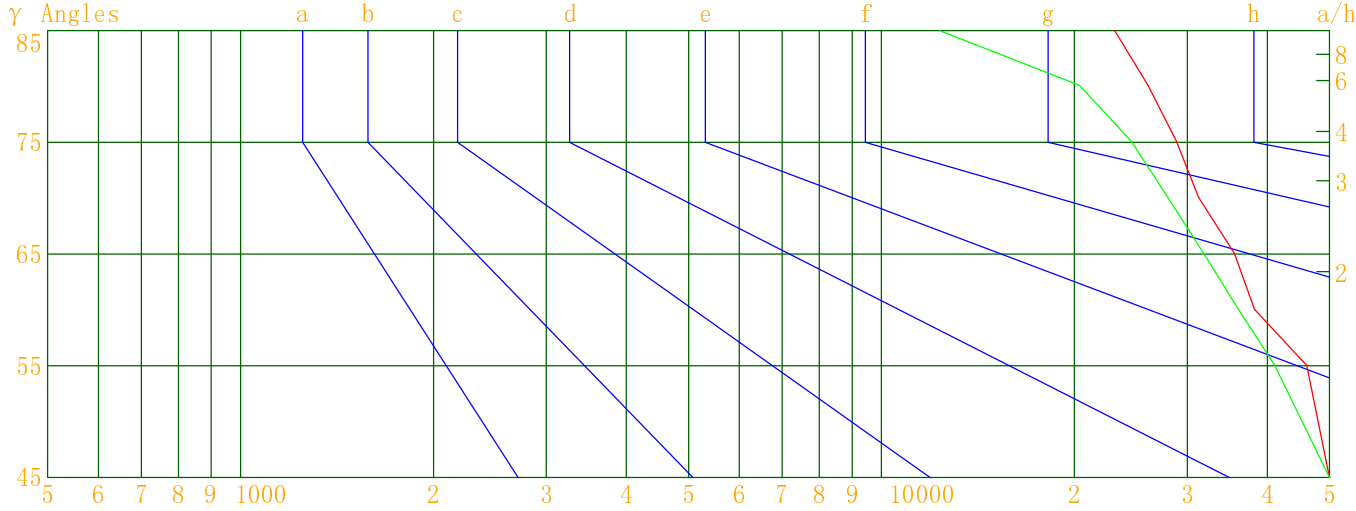
Glare Grade Table

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	83052	64419	46058	38203	35515	31256	28867	26047	23111
C90	72770	54822	41077	36073	31817	27966	24550	20357	12318

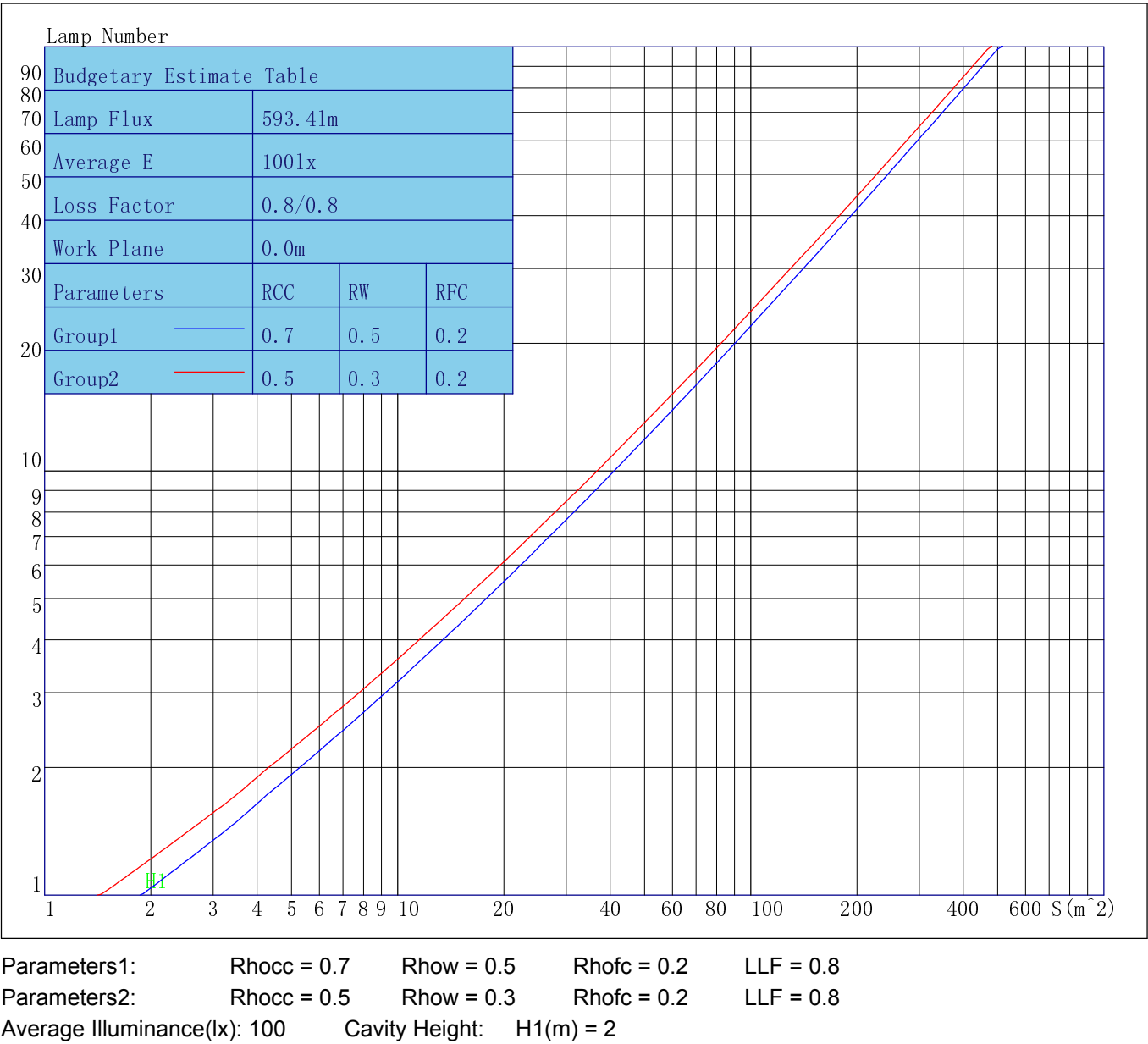
Luminance Limiting Curve



Luminous Size: Length(m)=-0.050 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: C90-C270 Color:

Indoor Budgetary Estimate Table

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/03/30



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: 2022/03/30

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	94	93	91	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80
3	97	89	83	78	95	88	82	78	85	80	76	82	78	75	80	77	74	72
4	91	82	75	70	89	81	74	69	78	73	68	76	71	67	74	70	67	65
5	85	75	68	63	84	74	68	62	72	66	62	70	65	61	69	64	61	59
6	80	69	62	57	79	69	62	57	67	61	56	65	60	56	64	59	55	54
7	75	64	57	52	74	64	57	52	62	56	52	61	55	51	60	55	51	49
8	71	60	53	48	70	59	53	48	58	52	48	57	51	47	56	51	47	45
9	67	56	49	44	66	55	49	44	54	48	44	53	48	44	52	47	44	42
10	64	52	46	41	62	52	45	41	51	45	41	50	45	41	49	44	41	39

Unified Glare Rating Table

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/03/30

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	25.2	26.5	25.6	26.8	27.2	24.5	25.7	24.8	26.0	26.4
	Y=3H	25.9	27.0	26.2	27.3	27.7	25.1	26.2	25.5	26.5	26.9
	Y=4H	26.1	27.2	26.5	27.6	27.9	25.3	26.4	25.7	26.7	27.1
	Y=6H	26.3	27.3	26.8	27.7	28.1	25.5	26.5	25.9	26.8	27.2
	Y=8H	26.4	27.3	26.9	27.7	28.2	25.5	26.4	26.0	26.8	27.3
	Y=12H	26.5	27.3	26.9	27.7	28.2	25.5	26.4	26.0	26.8	27.2
X=4H	Y=2H	25.4	26.5	25.9	26.9	27.3	24.6	25.7	25.1	26.1	26.5
	Y=3H	26.2	27.1	26.7	27.5	27.9	25.5	26.3	25.9	26.7	27.2
	Y=4H	26.6	27.4	27.1	27.8	28.3	25.8	26.6	26.2	27.0	27.5
	Y=6H	27.0	27.6	27.4	28.1	28.6	26.1	26.7	26.5	27.2	27.7
	Y=8H	27.1	27.7	27.5	28.1	28.6	26.1	26.7	26.6	27.2	27.7
	Y=12H	27.1	27.7	27.6	28.2	28.7	26.1	26.7	26.6	27.2	27.7
X=8H	Y=4H	26.7	27.3	27.2	27.8	28.3	25.9	26.5	26.4	27.0	27.4
	Y=6H	27.1	27.6	27.6	28.1	28.7	26.2	26.7	26.7	27.2	27.8
	Y=8H	27.3	27.8	27.8	28.3	28.8	26.3	26.8	26.8	27.3	27.8
	Y=12H	27.4	27.8	28.0	28.3	28.9	26.3	26.7	26.9	27.2	27.8
X=12H	Y=4H	26.7	27.2	27.2	27.7	28.2	25.9	26.4	26.4	26.9	27.4
	Y=6H	27.1	27.6	27.7	28.1	28.6	26.2	26.7	26.7	27.1	27.7
	Y=8H	27.3	27.7	27.9	28.2	28.8	26.3	26.7	26.8	27.2	27.8
Variations with the objverver position at spacings											
S=1.0H		0.5/-0.5					0.6/-0.7				
S=1.5H		0.8/-1.0					1.1/-1.2				
S=2.0H		1.2/-1.3					1.4/-1.7				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		1.6					1.4				

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

IES Indoor Report

Photometric Filename:GU10-40D-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	523. 61	523. 61	523. 61	523. 61	523. 61	523. 61	523. 61	523. 61	523. 61	523. 61	523. 61	523. 61
γ 1. 0	539. 83	526. 23	519. 06	516. 22	511. 96	508. 18	533. 28	523. 71	520. 47	515. 55	513. 16	515. 01
γ 2. 0	540. 16	524. 57	515. 59	513. 40	508. 01	501. 43	526. 65	519. 35	518. 08	512. 28	510. 83	515. 34
γ 3. 0	538. 80	521. 08	509. 98	508. 63	501. 84	492. 05	517. 86	512. 98	513. 83	507. 04	507. 07	514. 01
γ 4. 0	535. 17	515. 45	502. 49	501. 95	493. 30	480. 63	506. 70	504. 41	507. 56	500. 18	501. 94	510. 96
γ 5. 0	528. 82	507. 40	493. 16	493. 43	483. 07	467. 96	493. 79	493. 52	499. 27	491. 99	495. 27	506. 28
γ 6. 0	520. 05	497. 36	482. 90	483. 47	471. 91	455. 32	480. 27	480. 97	488. 83	482. 41	487. 08	500. 18
γ 7. 0	509. 18	485. 60	471. 79	473. 21	460. 84	443. 18	466. 93	467. 54	476. 79	472. 14	477. 72	492. 34
γ 8. 0	497. 15	472. 63	460. 16	462. 73	450. 39	432. 28	454. 54	454. 35	464. 46	461. 56	467. 38	482. 99
γ 9. 0	484. 66	459. 75	448. 81	452. 53	441. 15	422. 60	442. 76	441. 87	452. 43	451. 22	457. 22	472. 64
γ 10. 0	471. 80	446. 89	438. 23	443. 22	432. 81	413. 93	432. 03	429. 83	441. 42	441. 46	447. 41	461. 67
γ 11. 0	458. 93	434. 69	428. 59	434. 57	425. 43	406. 15	422. 23	418. 64	430. 92	432. 65	438. 43	450. 49
γ 12. 0	446. 17	423. 35	419. 54	427. 14	418. 58	398. 76	412. 96	408. 27	421. 41	424. 52	430. 09	439. 55
γ 13. 0	433. 66	412. 90	411. 21	420. 97	411. 96	391. 84	404. 12	398. 82	412. 87	417. 19	422. 70	429. 46
γ 14. 0	421. 92	403. 40	403. 73	415. 62	405. 78	385. 04	395. 81	390. 00	405. 01	410. 84	416. 00	420. 08
γ 15. 0	411. 18	394. 64	396. 79	410. 41	399. 41	377. 94	387. 49	381. 45	398. 04	404. 93	410. 02	411. 33
γ 16. 0	401. 32	386. 61	389. 83	404. 91	392. 95	370. 29	379. 24	373. 45	391. 10	399. 12	404. 23	403. 18
γ 17. 0	392. 26	378. 46	382. 71	399. 17	386. 08	361. 98	370. 87	365. 77	383. 76	392. 98	398. 45	395. 11
γ 18. 0	383. 91	370. 25	375. 26	393. 08	378. 69	352. 93	361. 93	357. 92	375. 71	386. 77	392. 08	387. 10
γ 19. 0	376. 08	362. 28	367. 72	386. 31	370. 92	343. 46	352. 72	349. 66	367. 47	380. 36	385. 40	379. 13
γ 20. 0	368. 88	354. 18	360. 00	378. 79	363. 12	333. 60	342. 48	341. 09	359. 05	373. 58	378. 84	371. 47
γ 21. 0	362. 02	345. 97	351. 98	370. 45	354. 86	323. 50	331. 73	332. 34	350. 57	366. 71	372. 05	363. 96
γ 22. 0	354. 96	337. 25	343. 32	361. 40	346. 05	312. 95	320. 64	322. 92	341. 93	359. 48	364. 78	356. 61
γ 23. 0	347. 18	328. 16	334. 09	351. 65	336. 54	302. 09	309. 41	312. 89	332. 89	351. 15	356. 48	349. 11
γ 24. 0	339. 12	318. 50	324. 12	340. 62	326. 15	291. 08	298. 22	302. 62	323. 67	341. 89	347. 67	341. 30
γ 25. 0	330. 77	308. 40	313. 21	328. 89	315. 04	280. 12	286. 88	291. 85	314. 40	331. 99	338. 26	333. 27
γ 26. 0	321. 83	298. 18	302. 39	316. 39	303. 03	269. 10	275. 60	280. 99	304. 57	321. 83	328. 13	325. 10
γ 27. 0	312. 25	287. 99	291. 32	303. 22	290. 04	258. 06	264. 21	269. 77	294. 73	310. 62	317. 64	317. 04
γ 28. 0	302. 49	277. 46	279. 89	289. 89	277. 28	246. 32	252. 71	258. 14	284. 71	298. 58	306. 56	308. 46
γ 29. 0	292. 23	266. 51	267. 99	276. 62	264. 62	233. 93	240. 64	245. 98	273. 65	285. 98	294. 34	298. 57
γ 30. 0	281. 27	255. 22	255. 94	263. 64	251. 96	221. 74	228. 35	233. 72	262. 12	272. 88	281. 19	287. 45
γ 31. 0	269. 71	243. 99	243. 81	250. 71	239. 22	209. 82	216. 02	221. 67	250. 22	259. 53	267. 75	275. 90
γ 32. 0	258. 00	232. 63	231. 72	237. 81	226. 86	198. 34	204. 02	209. 96	238. 26	246. 31	254. 64	263. 86
γ 33. 0	245. 93	221. 62	219. 76	225. 25	215. 18	187. 36	192. 22	198. 56	226. 66	233. 27	241. 54	251. 44
γ 34. 0	233. 47	210. 79	208. 16	213. 35	203. 59	176. 78	180. 91	187. 66	215. 13	220. 71	228. 90	239. 12
γ 35. 0	220. 92	199. 88	196. 98	201. 86	192. 74	166. 63	169. 79	176. 91	203. 58	208. 58	216. 54	227. 13
γ 36. 0	208. 23	189. 41	186. 08	190. 74	181. 58	156. 76	158. 96	166. 47	192. 16	196. 49	204. 49	215. 39
γ 37. 0	195. 61	179. 55	175. 46	179. 74	169. 85	147. 12	148. 81	156. 25	180. 87	184. 35	192. 41	203. 49
γ 38. 0	183. 39	170. 05	165. 43	168. 70	158. 04	138. 22	139. 15	146. 40	170. 07	172. 55	180. 59	191. 81
γ 39. 0	171. 53	160. 76	155. 94	157. 71	146. 81	129. 76	129. 96	137. 24	159. 70	161. 48	168. 93	180. 60
γ 40. 0	160. 20	151. 89	147. 04	146. 91	136. 08	121. 37	121. 11	128. 59	150. 01	151. 28	157. 95	169. 99
γ 41. 0	149. 97	143. 37	138. 27	136. 08	126. 03	112. 91	112. 57	120. 35	140. 78	141. 78	147. 35	160. 17
γ 42. 0	140. 65	135. 18	129. 70	125. 99	116. 72	104. 49	104. 54	112. 57	132. 10	132. 44	137. 49	150. 98
γ 43. 0	131. 85	127. 20	121. 39	116. 93	108. 02	96. 34	96. 82	104. 92	123. 68	123. 67	128. 23	142. 26
γ 44. 0	123. 35	119. 25	113. 21	108. 60	100. 07	88. 98	89. 55	97. 73	115. 67	115. 65	119. 72	133. 77
γ 45. 0	115. 31	111. 27	105. 60	101. 03	92. 89	82. 37	82. 59	90. 62	107. 53	108. 20	111. 67	125. 46
γ 46. 0	107. 83	103. 40	98. 51	93. 89	86. 40	76. 17	75. 92	83. 60	99. 72	101. 19	103. 91	116. 95

IES Indoor Report

Photometric Filename:GU10-40D-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 47. 0	100. 82	95. 43	91. 92	87. 21	80. 54	70. 32	69. 58	76. 65	92. 62	94. 70	96. 52	108. 35
γ 48. 0	94. 13	87. 56	85. 60	80. 94	75. 20	64. 81	63. 56	69. 96	86. 08	88. 41	89. 90	100. 21
γ 49. 0	87. 65	79. 86	79. 80	74. 93	70. 09	59. 48	57. 84	63. 87	80. 33	82. 29	84. 18	92. 74
γ 50. 0	81. 30	72. 56	74. 19	69. 19	64. 99	54. 73	52. 99	58. 23	74. 99	76. 35	79. 06	86. 05
γ 51. 0	75. 02	65. 84	68. 75	63. 92	59. 84	50. 40	48. 90	53. 13	70. 02	70. 50	74. 29	80. 32
γ 52. 0	68. 76	59. 55	63. 38	59. 01	54. 93	46. 48	45. 59	48. 77	65. 24	64. 65	69. 43	75. 07
γ 53. 0	62. 59	54. 25	58. 30	54. 27	50. 63	43. 29	42. 83	45. 19	60. 37	59. 05	64. 24	70. 02
γ 54. 0	56. 76	49. 82	53. 44	49. 97	46. 98	40. 63	40. 51	42. 31	55. 50	53. 58	58. 73	65. 23
γ 55. 0	51. 87	46. 07	49. 09	46. 26	44. 11	38. 44	38. 42	39. 89	50. 88	48. 99	53. 30	60. 01
γ 56. 0	47. 93	43. 03	45. 69	43. 09	41. 86	36. 65	36. 46	37. 81	47. 10	45. 60	48. 77	54. 84
γ 57. 0	44. 60	40. 56	43. 07	40. 52	39. 88	34. 94	34. 65	35. 92	44. 15	42. 62	45. 26	49. 95
γ 58. 0	41. 85	38. 27	41. 19	38. 43	37. 96	33. 14	32. 93	34. 28	41. 70	40. 22	42. 46	46. 09
γ 59. 0	39. 56	36. 21	39. 50	36. 81	36. 10	31. 43	31. 25	32. 80	39. 53	38. 34	40. 20	43. 45
γ 60. 0	37. 51	34. 26	37. 71	35. 42	34. 28	29. 81	29. 65	31. 19	37. 63	36. 90	38. 59	40. 88
γ 61. 0	35. 75	32. 51	35. 53	33. 08	32. 34	28. 29	28. 20	29. 58	35. 84	35. 56	37. 00	38. 76
γ 62. 0	34. 24	30. 98	33. 47	31. 03	30. 73	26. 65	26. 67	28. 09	33. 86	33. 69	35. 25	37. 54
γ 63. 0	32. 78	29. 50	31. 56	29. 49	28. 99	25. 01	25. 17	26. 54	31. 85	31. 45	33. 31	36. 55
γ 64. 0	31. 31	28. 03	29. 48	27. 94	27. 12	23. 43	23. 77	24. 86	29. 91	29. 20	31. 35	34. 00
γ 65. 0	29. 47	26. 60	27. 35	26. 40	25. 34	21. 93	22. 42	23. 36	27. 95	26. 98	29. 07	30. 78
γ 66. 0	27. 50	24. 98	25. 27	24. 81	23. 63	20. 53	21. 12	21. 92	26. 07	24. 98	26. 87	28. 67
γ 67. 0	25. 58	23. 51	23. 42	23. 23	22. 06	19. 22	19. 87	20. 57	24. 18	23. 21	24. 91	26. 60
γ 68. 0	23. 89	22. 17	21. 79	21. 69	20. 63	18. 00	18. 66	19. 25	22. 43	21. 70	23. 19	24. 75
γ 69. 0	22. 36	20. 88	20. 35	20. 20	19. 27	16. 82	17. 45	18. 00	20. 91	20. 31	21. 61	23. 03
γ 70. 0	20. 99	19. 59	18. 96	18. 78	17. 94	15. 66	16. 26	16. 80	19. 49	19. 02	20. 18	21. 49
γ 71. 0	19. 70	18. 28	17. 62	17. 42	16. 65	14. 48	15. 04	15. 64	18. 11	17. 75	18. 84	20. 11
γ 72. 0	18. 43	16. 99	16. 28	16. 15	15. 39	13. 34	13. 82	14. 44	16. 73	16. 45	17. 53	18. 82
γ 73. 0	17. 17	15. 74	14. 99	14. 90	14. 13	12. 20	12. 61	13. 27	15. 42	15. 12	16. 22	17. 56
γ 74. 0	15. 91	14. 52	13. 76	13. 67	12. 92	11. 08	11. 41	12. 10	14. 11	13. 85	14. 91	16. 34
γ 75. 0	14. 67	13. 34	12. 57	12. 48	11. 74	9. 97	10. 21	10. 95	12. 85	12. 65	13. 65	15. 09
γ 76. 0	13. 47	12. 20	11. 43	11. 32	10. 60	8. 88	9. 07	9. 84	11. 63	11. 48	12. 43	13. 86
γ 77. 0	12. 26	11. 07	10. 30	10. 18	9. 46	7. 79	7. 94	8. 75	10. 46	10. 34	11. 27	12. 66
γ 78. 0	11. 09	9. 96	9. 19	9. 07	8. 35	6. 72	6. 86	7. 69	9. 31	9. 21	10. 15	11. 47
γ 79. 0	9. 97	8. 88	8. 08	8. 00	7. 24	5. 68	5. 78	6. 65	8. 20	8. 12	9. 03	10. 37
γ 80. 0	8. 88	7. 84	7. 00	6. 94	6. 18	4. 67	4. 76	5. 66	7. 12	7. 06	7. 97	9. 28
γ 81. 0	7. 84	6. 83	5. 93	5. 92	5. 15	3. 68	3. 77	4. 70	6. 09	6. 06	6. 93	8. 22
γ 82. 0	6. 81	5. 85	4. 89	4. 91	4. 17	2. 76	2. 86	3. 77	5. 12	5. 10	5. 93	7. 19
γ 83. 0	5. 83	4. 87	3. 89	3. 93	3. 20	1. 87	1. 97	2. 89	4. 19	4. 18	4. 97	6. 19
γ 84. 0	4. 87	3. 92	2. 95	3. 00	2. 28	0. 98	1. 08	2. 04	3. 28	3. 30	4. 02	5. 22
γ 85. 0	3. 95	3. 02	2. 03	2. 11	1. 39	0. 23	0. 32	1. 25	2. 44	2. 46	3. 12	4. 28
γ 86. 0	3. 08	2. 18	1. 17	1. 22	0. 57	0. 00	0. 00	0. 50	1. 65	1. 67	2. 27	3. 37
γ 87. 0	2. 29	1. 39	0. 44	0. 46	0. 00	0. 00	0. 00	0. 00	0. 89	0. 88	1. 45	2. 52
γ 88. 0	1. 56	0. 66	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 22	0. 23	0. 70	1. 73
γ 89. 0	0. 86	0. 04	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 09	0. 97
γ 90. 0	0. 23	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 31
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

IES Indoor Report
Photometric Filename:GU10-40D-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 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. 04	0. 00	0. 00	0. 00	0. 00	0. 00
γ 129. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 03	0. 09	0. 00	0. 00	0. 00	0. 00	0. 00
γ 130. 0	0. 00	0. 00	0. 00	0. 00	0. 04	0. 08	0. 15	0. 04	0. 00	0. 01	0. 00	0. 00
γ 131. 0	0. 00	0. 00	0. 03	0. 05	0. 09	0. 14	0. 20	0. 10	0. 05	0. 07	0. 02	0. 00
γ 132. 0	0. 00	0. 00	0. 10	0. 11	0. 13	0. 19	0. 25	0. 15	0. 10	0. 13	0. 07	0. 00
γ 133. 0	0. 00	0. 04	0. 14	0. 17	0. 18	0. 24	0. 31	0. 21	0. 16	0. 18	0. 12	0. 01
γ 134. 0	0. 05	0. 10	0. 20	0. 22	0. 25	0. 30	0. 37	0. 25	0. 20	0. 23	0. 19	0. 06
γ 135. 0	0. 10	0. 16	0. 25	0. 27	0. 30	0. 35	0. 43	0. 31	0. 26	0. 29	0. 23	0. 12
γ 136. 0	0. 15	0. 21	0. 31	0. 33	0. 36	0. 40	0. 48	0. 38	0. 31	0. 34	0. 29	0. 17
γ 137. 0	0. 20	0. 27	0. 36	0. 38	0. 41	0. 46	0. 54	0. 43	0. 37	0. 40	0. 35	0. 22
γ 138. 0	0. 26	0. 32	0. 41	0. 43	0. 48	0. 51	0. 61	0. 48	0. 44	0. 46	0. 40	0. 29
γ 139. 0	0. 31	0. 38	0. 48	0. 49	0. 53	0. 57	0. 66	0. 52	0. 50	0. 51	0. 46	0. 34
γ 140. 0	0. 37	0. 44	0. 53	0. 54	0. 58	0. 63	0. 72	0. 59	0. 55	0. 57	0. 50	0. 41

IES Indoor Report

Photometric Filename:GU10-40D-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	0.42	0.49	0.59	0.58	0.64	0.68	0.79	0.65	0.61	0.63	0.57	0.45
γ 142.0	0.48	0.57	0.65	0.64	0.69	0.75	0.86	0.71	0.67	0.68	0.62	0.51
γ 143.0	0.55	0.61	0.70	0.70	0.74	0.80	0.91	0.78	0.72	0.74	0.68	0.56
γ 144.0	0.61	0.68	0.76	0.76	0.80	0.86	0.98	0.83	0.77	0.79	0.74	0.63
γ 145.0	0.67	0.73	0.82	0.83	0.86	0.92	1.04	0.89	0.84	0.86	0.80	0.68
γ 146.0	0.74	0.78	0.88	0.88	0.91	0.97	1.11	0.94	0.90	0.91	0.86	0.74
γ 147.0	0.81	0.86	0.94	0.94	0.98	1.02	1.18	1.01	0.95	0.97	0.91	0.79
γ 148.0	0.86	0.92	0.99	0.99	1.03	1.10	1.25	1.08	1.02	1.02	0.98	0.86
γ 149.0	0.92	0.99	1.06	1.05	1.08	1.15	1.31	1.14	1.09	1.08	1.03	0.92
γ 150.0	1.00	1.05	1.11	1.12	1.15	1.22	1.38	1.21	1.15	1.16	1.09	0.98
γ 151.0	1.06	1.11	1.17	1.19	1.20	1.27	1.44	1.28	1.21	1.21	1.15	1.04
γ 152.0	1.14	1.18	1.24	1.23	1.25	1.34	1.51	1.32	1.27	1.26	1.20	1.10
γ 153.0	1.20	1.25	1.30	1.29	1.32	1.40	1.57	1.39	1.34	1.33	1.26	1.16
γ 154.0	1.26	1.32	1.36	1.34	1.37	1.45	1.64	1.46	1.40	1.38	1.32	1.22
γ 155.0	1.34	1.38	1.41	1.42	1.43	1.51	1.70	1.52	1.45	1.44	1.38	1.28
γ 156.0	1.38	1.44	1.48	1.47	1.48	1.58	1.75	1.58	1.50	1.49	1.44	1.34
γ 157.0	1.46	1.50	1.52	1.52	1.53	1.62	1.83	1.64	1.57	1.54	1.49	1.40
γ 158.0	1.51	1.56	1.58	1.57	1.59	1.68	1.88	1.70	1.63	1.60	1.54	1.46
γ 159.0	1.58	1.61	1.63	1.62	1.64	1.73	1.92	1.76	1.67	1.66	1.60	1.51
γ 160.0	1.63	1.67	1.68	1.68	1.69	1.77	1.99	1.80	1.73	1.71	1.65	1.57
γ 161.0	1.70	1.73	1.75	1.72	1.74	1.83	2.04	1.85	1.78	1.76	1.71	1.62
γ 162.0	1.76	1.79	1.79	1.78	1.78	1.88	2.08	1.90	1.82	1.80	1.75	1.68
γ 163.0	1.81	1.85	1.84	1.82	1.84	1.93	2.14	1.96	1.88	1.85	1.80	1.73
γ 164.0	1.87	1.89	1.89	1.86	1.89	1.97	2.19	1.99	1.93	1.90	1.86	1.78
γ 165.0	1.92	1.94	1.94	1.92	1.94	2.01	2.22	2.03	1.98	1.94	1.90	1.84
γ 166.0	1.97	1.99	1.98	1.96	1.97	2.06	2.27	2.08	2.02	1.99	1.95	1.89
γ 167.0	2.02	2.03	2.02	2.00	2.02	2.10	2.32	2.13	2.06	2.03	2.01	1.93
γ 168.0	2.07	2.09	2.06	2.04	2.05	2.13	2.35	2.16	2.09	2.07	2.03	1.98
γ 169.0	2.12	2.13	2.10	2.09	2.10	2.17	2.38	2.18	2.14	2.10	2.09	2.02
γ 170.0	2.16	2.17	2.14	2.12	2.13	2.21	2.42	2.22	2.17	2.14	2.13	2.08
γ 171.0	2.20	2.19	2.18	2.16	2.17	2.23	2.45	2.26	2.20	2.18	2.17	2.13
γ 172.0	2.23	2.24	2.20	2.19	2.19	2.26	2.47	2.28	2.23	2.21	2.20	2.17
γ 173.0	2.27	2.27	2.24	2.23	2.23	2.30	2.49	2.29	2.26	2.24	2.22	2.19
γ 174.0	2.30	2.31	2.26	2.25	2.25	2.30	2.50	2.32	2.29	2.26	2.25	2.23
γ 175.0	2.34	2.33	2.29	2.27	2.27	2.33	2.53	2.33	2.31	2.29	2.29	2.26
γ 176.0	2.37	2.35	2.31	2.31	2.29	2.35	2.53	2.35	2.33	2.31	2.31	2.28
γ 177.0	2.38	2.38	2.32	2.32	2.31	2.35	2.54	2.35	2.35	2.32	2.33	2.30
γ 178.0	2.41	2.39	2.33	2.33	2.32	2.35	2.55	2.37	2.36	2.33	2.33	2.34
γ 179.0	2.42	2.41	2.34	2.34	2.33	2.36	2.55	2.37	2.35	2.34	2.35	2.36
γ 180.0	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39