

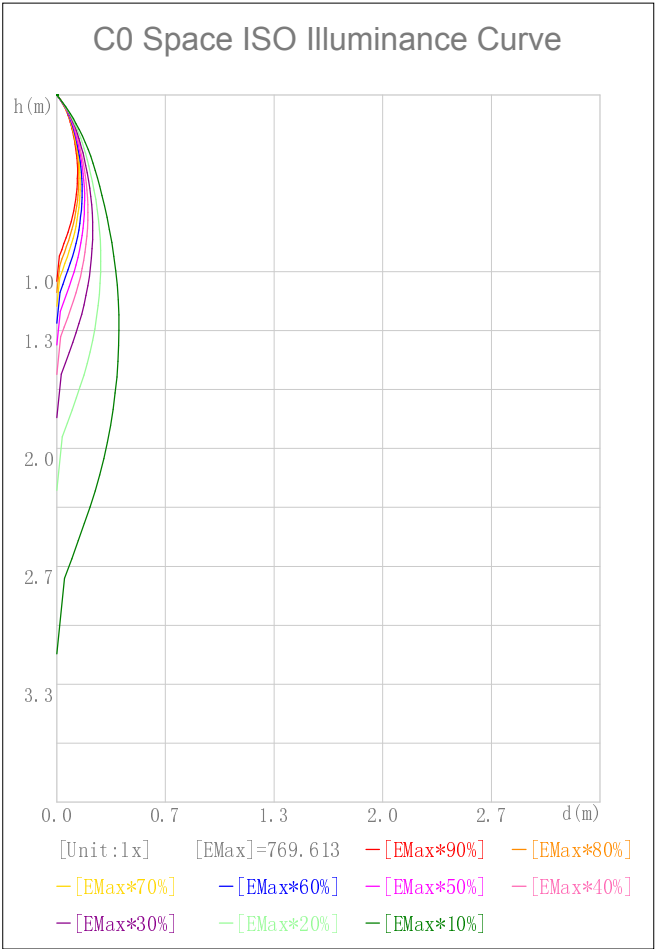
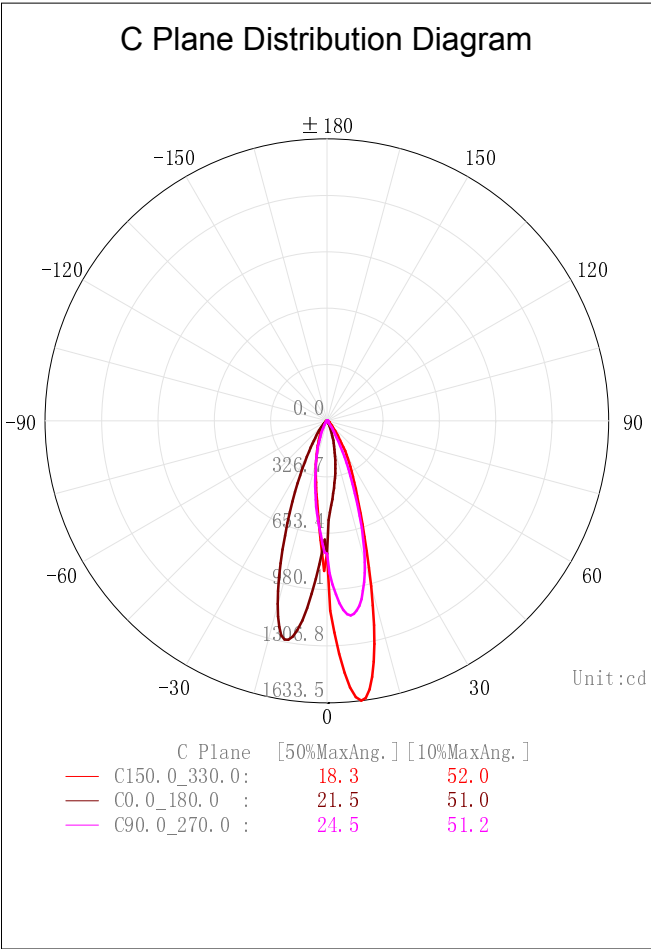
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 55252		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2024/05/17
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency (Hz):	Lamp CCT(K): 3000 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

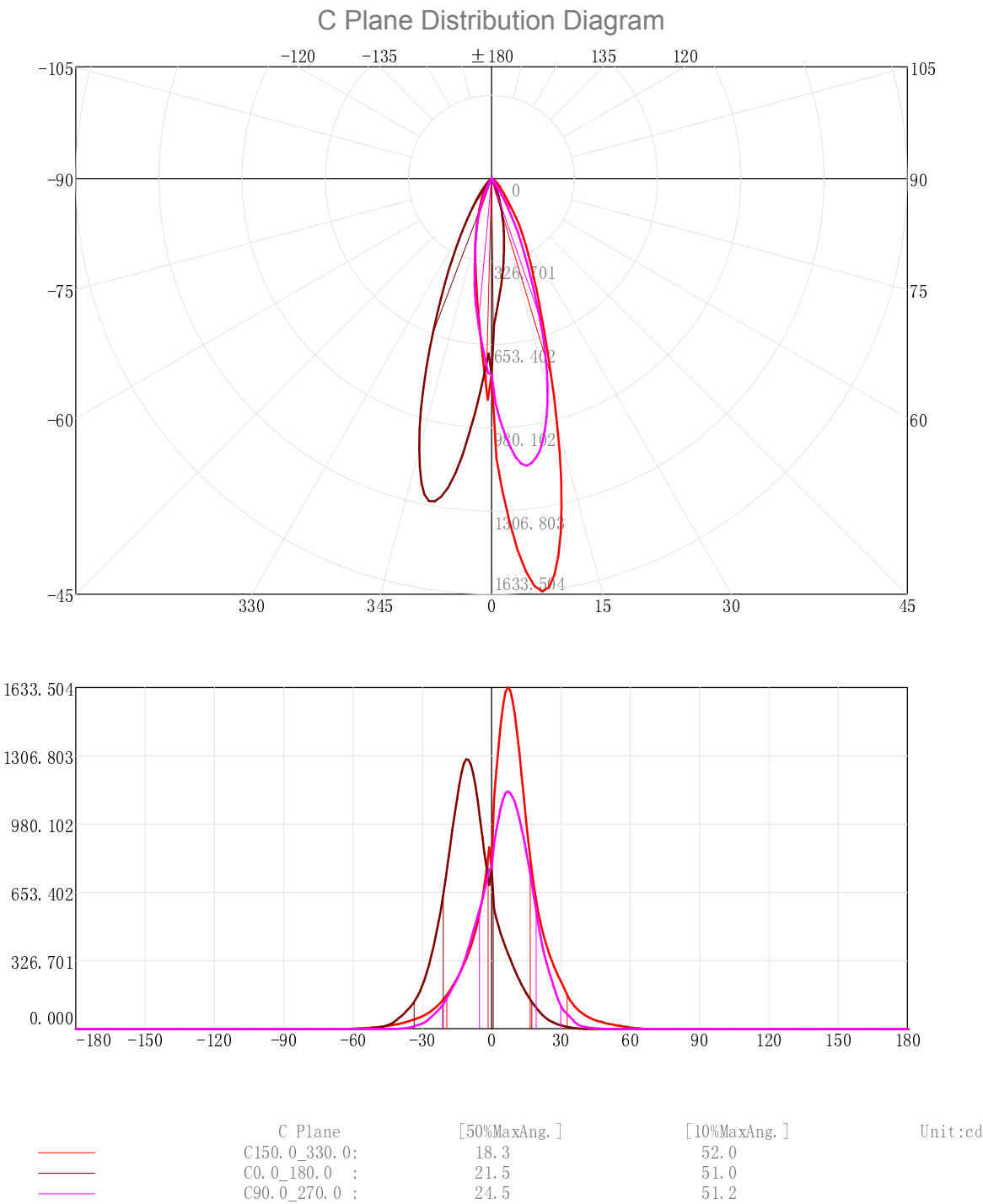
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 347.530	Luminary Flux(lm): 347.529	Field Angle(10%Imax): 52.0(°)
Rated Power(W): 10	Luminary Efficiency: 100.00%	Down Lumens&Percent: 347.529lm 100.00%
Rated Voltage(V): 220	Luminary EER(lm/W): 35.673	Up Lumens&Percent: 0.000lm 0.00%
Tested Power(W): 9.742	Max. Candela(cd): 1633.504	S/MH: C0_a180=0.535 C90_270=0.547
Lamps' Inside: 1	Max Cand@Ang.(°): C=150.0 γ=7.0	CIE Type: Semi-Direct
Tested Electrics(V, A, pf):230.0, 0.049, 0.855	Beam Angle(50%Imax): 18.3(°)	ErP Φuse(90°): 361.007lm
Lamp Size(W*L*H):0.050m*-0.050m*0.000m	Left=-1.6°, Right=16.7°	IRF(%): 1190.365



2D Plane Light Intensity Distribution Curve

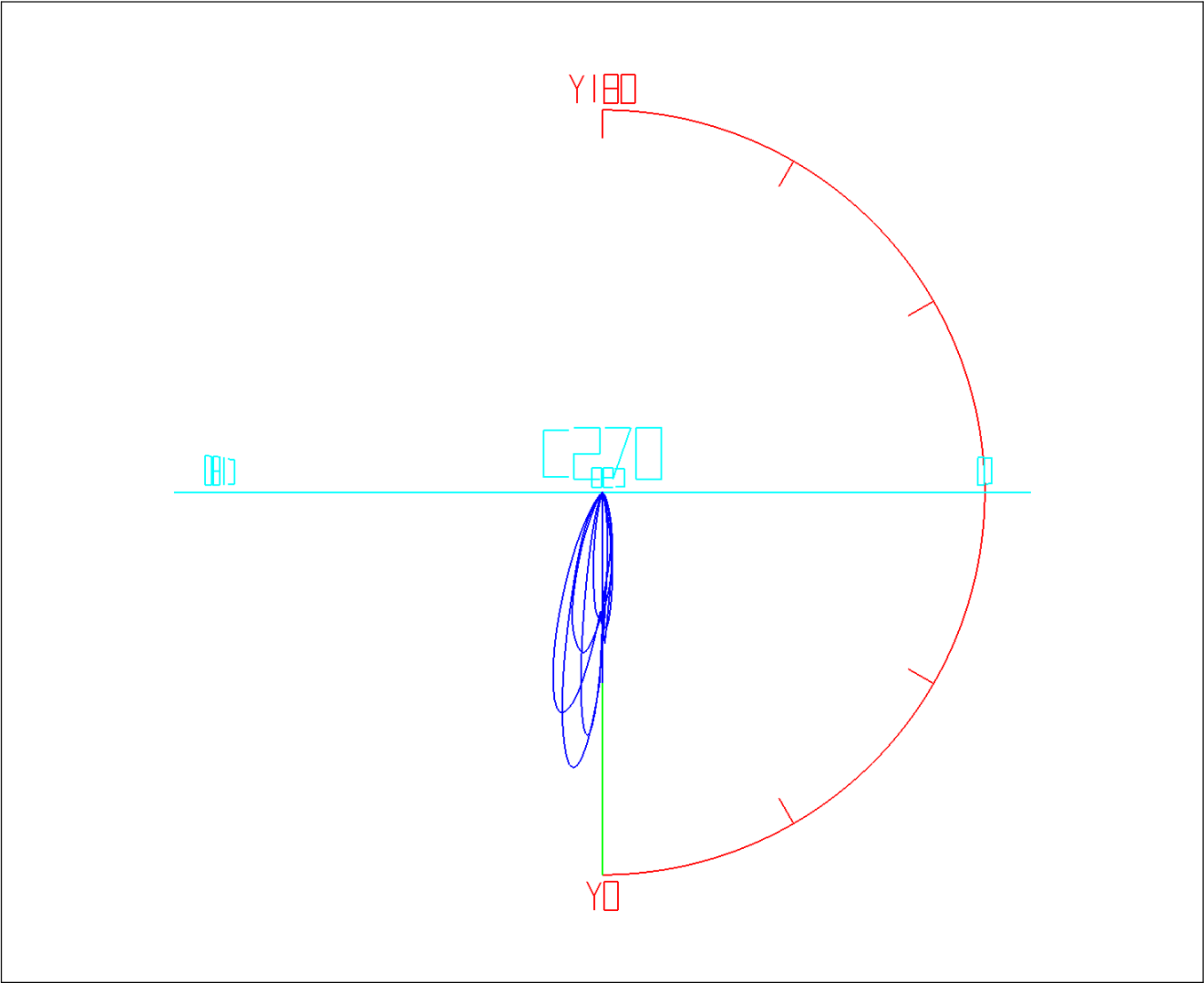
Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2024/05/17



3D Light Intensity Distribution Modal

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/05/17

3D Light Intensity Distribution Modal



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

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

Photometric Filename:FL-8001-1000-IH-10×60度透镜带防眩罩-黑.IES

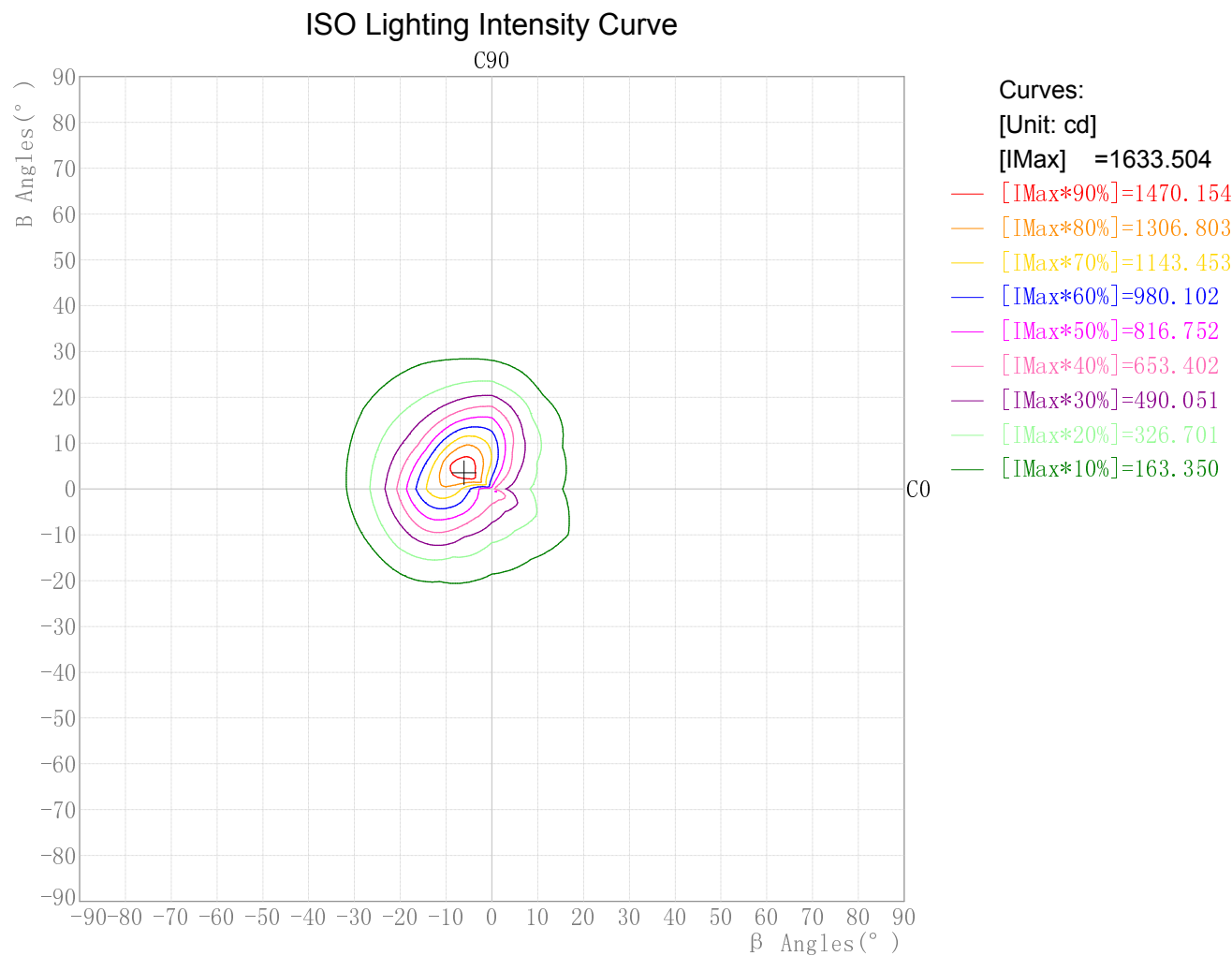
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.75	0.75	0.22	0.22	47.0-48.0	0.47	344.98	0.13	99.27
1.0-2.0	2.30	3.05	0.66	0.88	48.0-49.0	0.40	345.38	0.12	99.38
2.0-3.0	3.88	6.93	1.12	1.99	49.0-50.0	0.34	345.73	0.10	99.48
3.0-4.0	5.50	12.43	1.58	3.58	50.0-51.0	0.29	346.02	0.08	99.56
4.0-5.0	7.14	19.57	2.05	5.63	51.0-52.0	0.25	346.26	0.07	99.64
5.0-6.0	8.76	28.33	2.52	8.15	52.0-53.0	0.21	346.47	0.06	99.70
6.0-7.0	10.31	38.65	2.97	11.12	53.0-54.0	0.18	346.66	0.05	99.75
7.0-8.0	11.72	50.37	3.37	14.49	54.0-55.0	0.15	346.81	0.04	99.79
8.0-9.0	12.94	63.31	3.72	18.22	55.0-56.0	0.14	346.95	0.04	99.83
9.0-10.0	13.95	77.26	4.01	22.23	56.0-57.0	0.12	347.07	0.03	99.87
10.0-11.0	14.75	92.01	4.25	26.48	57.0-58.0	0.11	347.17	0.03	99.90
11.0-12.0	15.33	107.34	4.41	30.89	58.0-59.0	0.09	347.26	0.03	99.92
12.0-13.0	15.68	123.02	4.51	35.40	59.0-60.0	0.07	347.33	0.02	99.94
13.0-14.0	15.80	138.82	4.55	39.95	60.0-61.0	0.06	347.39	0.02	99.96
14.0-15.0	15.70	154.52	4.52	44.46	61.0-62.0	0.04	347.43	0.01	99.97
15.0-16.0	15.39	169.91	4.43	48.89	62.0-63.0	0.03	347.47	0.01	99.98
16.0-17.0	14.91	184.82	4.29	53.18	63.0-64.0	0.02	347.49	0.01	99.99
17.0-18.0	14.29	199.11	4.11	57.29	64.0-65.0	0.02	347.51	0.00	99.99
18.0-19.0	13.57	212.68	3.91	61.20	65.0-66.0	0.01	347.52	0.00	100.00
19.0-20.0	12.80	225.48	3.68	64.88	66.0-67.0	0.01	347.53	0.00	100.00
20.0-21.0	11.99	237.47	3.45	68.33	67.0-68.0	0.00	347.53	0.00	100.00
21.0-22.0	11.18	248.65	3.22	71.55	68.0-69.0	0.00	347.53	0.00	100.00
22.0-23.0	10.37	259.02	2.98	74.53	69.0-70.0	0.00	347.53	0.00	100.00
23.0-24.0	9.56	268.58	2.75	77.28	70.0-71.0	0.00	347.53	0.00	100.00
24.0-25.0	8.78	277.36	2.53	79.81	71.0-72.0	0.00	347.53	0.00	100.00
25.0-26.0	8.02	285.38	2.31	82.12	72.0-73.0	0.00	347.53	0.00	100.00
26.0-27.0	7.30	292.68	2.10	84.22	73.0-74.0	0.00	347.53	0.00	100.00
27.0-28.0	6.61	299.28	1.90	86.12	74.0-75.0	0.00	347.53	0.00	100.00
28.0-29.0	5.93	305.21	1.71	87.82	75.0-76.0	0.00	347.53	0.00	100.00
29.0-30.0	5.29	310.50	1.52	89.34	76.0-77.0	0.00	347.53	0.00	100.00
30.0-31.0	4.71	315.20	1.35	90.70	77.0-78.0	0.00	347.53	0.00	100.00
31.0-32.0	4.18	319.39	1.20	91.90	78.0-79.0	0.00	347.53	0.00	100.00
32.0-33.0	3.70	323.09	1.07	92.97	79.0-80.0	0.00	347.53	0.00	100.00
33.0-34.0	3.26	326.35	0.94	93.91	80.0-81.0	0.00	347.53	0.00	100.00
34.0-35.0	2.84	329.19	0.82	94.72	81.0-82.0	0.00	347.53	0.00	100.00
35.0-36.0	2.46	331.65	0.71	95.43	82.0-83.0	0.00	347.53	0.00	100.00
36.0-37.0	2.13	3							

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	347.53	0.00	100.00	141.0-142.0	0.00	347.53	0.00	100.00
95.0-96.0	0.00	347.53	0.00	100.00	142.0-143.0	0.00	347.53	0.00	100.00
96.0-97.0	0.00	347.53	0.00	100.00	143.0-144.0	0.00	347.53	0.00	100.00
97.0-98.0	0.00	347.53	0.00	100.00	144.0-145.0	0.00	347.53	0.00	100.00
98.0-99.0	0.00	347.53	0.00	100.00	145.0-146.0	0.00	347.53	0.00	100.00
99.0-100.0	0.00	347.53	0.00	100.00	146.0-147.0	0.00	347.53	0.00	100.00
100.0-101.0	0.00	347.53	0.00	100.00	147.0-148.0	0.00	347.53	0.00	100.00
101.0-102.0	0.00	347.53	0.00	100.00	148.0-149.0	0.00	347.53	0.00	100.00
102.0-103.0	0.00	347.53	0.00	100.00	149.0-150.0	0.00	347.53	0.00	100.00
103.0-104.0	0.00	347.53	0.00	100.00	150.0-151.0	0.00	347.53	0.00	100.00
104.0-105.0	0.00	347.53	0.00	100.00	151.0-152.0	0.00	347.53	0.00	100.00
105.0-106.0	0.00	347.53	0.00	100.00	152.0-153.0	0.00	347.53	0.00	100.00
106.0-107.0	0.00	347.53	0.00	100.00	153.0-154.0	0.00	347.53	0.00	100.00
107.0-108.0	0.00	347.53	0.00	100.00	154.0-155.0	0.00	347.53	0.00	100.00
108.0-109.0	0.00	347.53	0.00	100.00	155.0-156.0	0.00	347.53	0.00	100.00
109.0-110.0	0.00	347.53	0.00	100.00	156.0-157.0	0.00	347.53	0.00	100.00
110.0-111.0	0.00	347.53	0.00	100.00	157.0-158.0	0.00	347.53	0.00	100.00
111.0-112.0	0.00	347.53	0.00	100.00	158.0-159.0	0.00	347.53	0.00	100.00
112.0-113.0	0.00	347.53	0.00	100.00	159.0-160.0	0.00	347.53	0.00	100.00
113.0-114.0	0.00	347.53	0.00	100.00	160.0-161.0	0.00	347.53	0.00	100.00
114.0-115.0	0.00	347.53	0.00	100.00	161.0-162.0	0.00	347.53	0.00	100.00
115.0-116.0	0.00	347.53	0.00	100.00	162.0-163.0	0.00	347.53	0.00	100.00
116.0-117.0	0.00	347.53	0.00	100.00	163.0-164.0	0.00	347.53	0.00	100.00
117.0-118.0	0.00	347.53	0.00	100.00	164.0-165.0	0.00	347.53	0.00	100.00
118.0-119.0	0.00	347.53	0.00	100.00	165.0-166.0	0.00	347.53	0.00	100.00
119.0-120.0	0.00	347.53	0.00	100.00	166.0-167.0	0.00	347.53	0.00	100.00
120.0-121.0	0.00	347.53	0.00	100.00	167.0-168.0	0.00	347.53	0.00	100.00
121.0-122.0	0.00	347.53	0.00	100.00	168.0-169.0	0.00	347.53	0.00	100.00
122.0-123.0	0.00	347.53	0.00	100.00	169.0-170.0	0.00	347.53	0.00	100.00
123.0-124.0	0.00	347.53	0.00	100.00	170.0-171.0	0.00	347.53	0.00	100.00
124.0-125.0	0.00	347.53	0.00	100.00	171.0-172.0	0.00	347.53	0.00	100.00
125.0-126.0	0.00	347.53	0.00	100.00	172.0-173.0	0.00	347.53	0.00	100.00
126.0-127.0	0.00	347.53	0.00	100.00	173.0-174.0	0.00	347.53	0.00	100.00
127.0-128.0	0.00	347.53	0.00	100.00	174.0-175.0	0.00	347.53	0.00	100.00
128.0-129.0	0.00	347.53	0.00	100.00	175.0-176.0	0.00	347.53	0.00	100.00
129.0-130.0	0.00	347.53	0.00	100.00	176.0-177.0	0.00	347.53	0.00	100.00
130.0-131.0	0.00	347.53	0.00	100.00	177.0-178.0	0.00	347.53	0.00	100.00
131.0-132.0	0.00	347.53	0.00	100.00	178.0-179.0	0.00	347.53	0.00	100.00
132.0-133.0	0.00	347.53	0.00	100.00	179.0-180.0	0.00	347.53	0.00	100.00
133.0-134.0	0.00	347.53	0.00	100.00					
134.0-135.0	0.00	347.53	0.00	100.00					
135.0-136.0	0.00	347.53	0.00	100.00					
136.0-137.0	0.00	347.53	0.00	100.00					
137.0-138.0	0.00	347.53	0.00	100.00					
138.0-139.0	0.00	347.53	0.00	100.00					
139.0-140.0	0.00	347.53	0.00	100.00					
140.0-141.0	0.00	347.53	0.00	100.00					

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: 2024/05/17

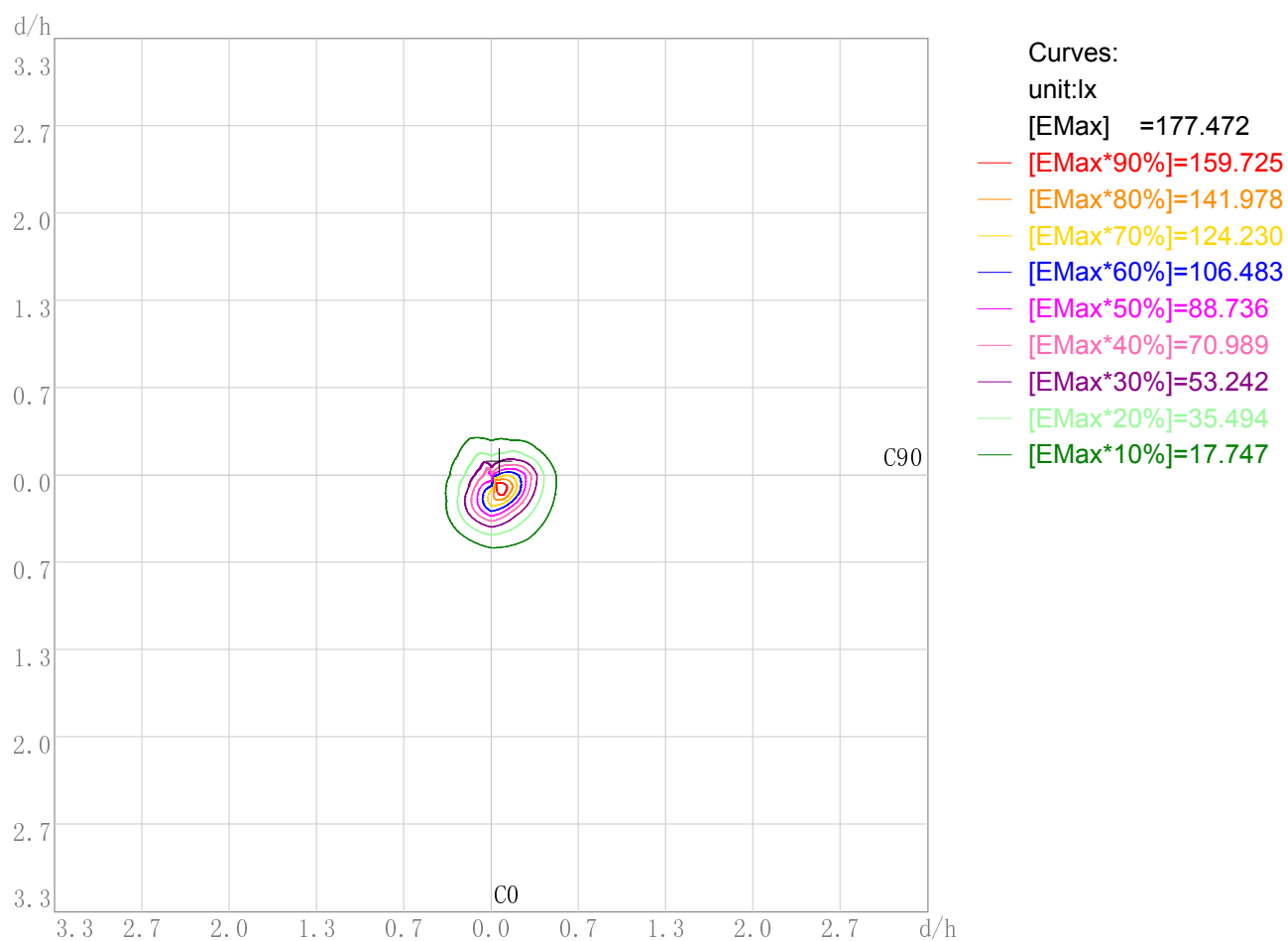


Photometric Filename:FL-8001-1000-IH-10×60度透镜带防眩罩-黑.IES

Plane ISO-Illuminance Diagram

Lum. Name: 55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/05/17

Plane ISO-Illuminance Curve



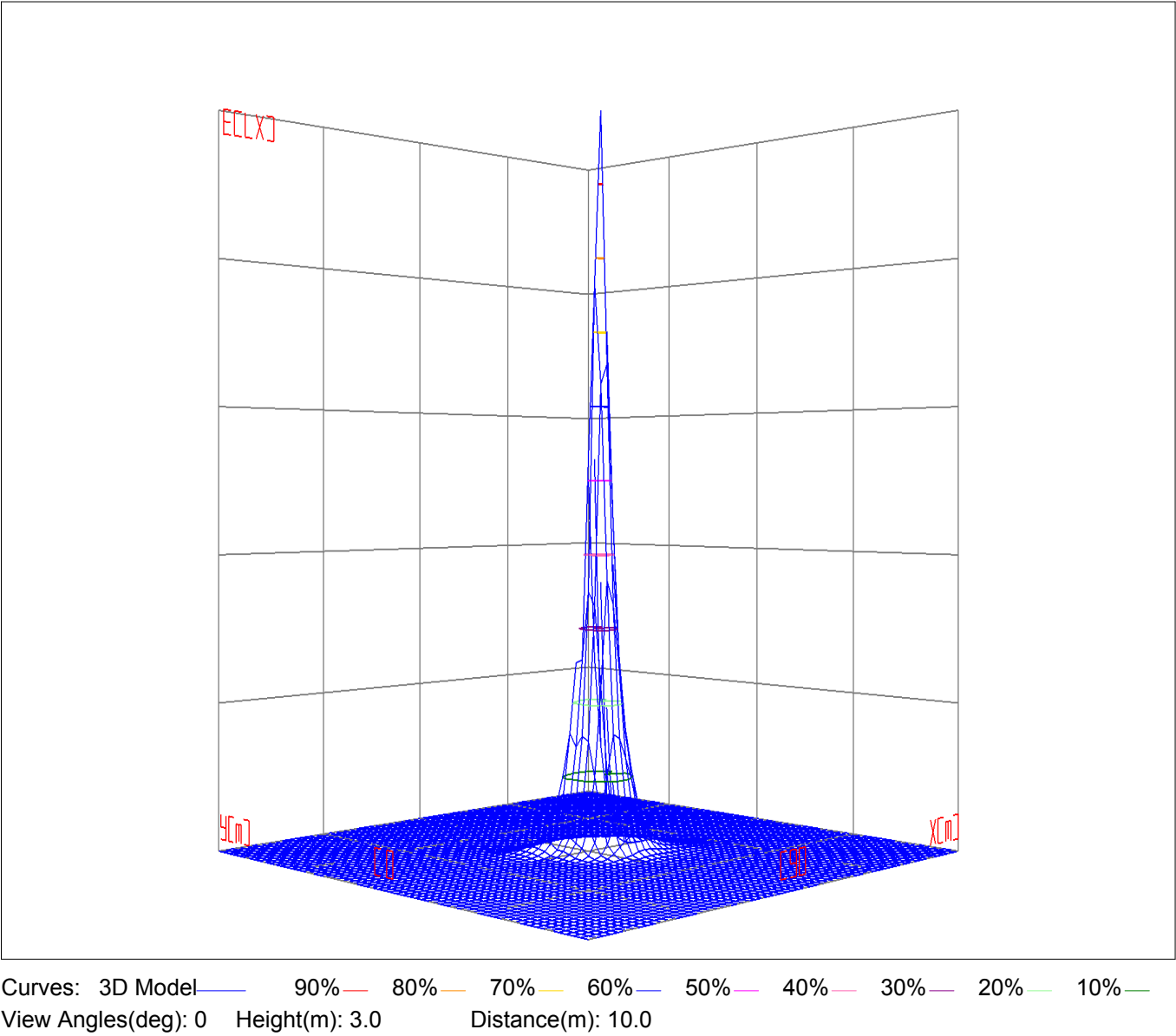
Working Plane Maximum Illuminance(lx): 177.47

Working Plane Maximum Illuminance Position(d/h):H0.1 V-0.1

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: 2024/05/17

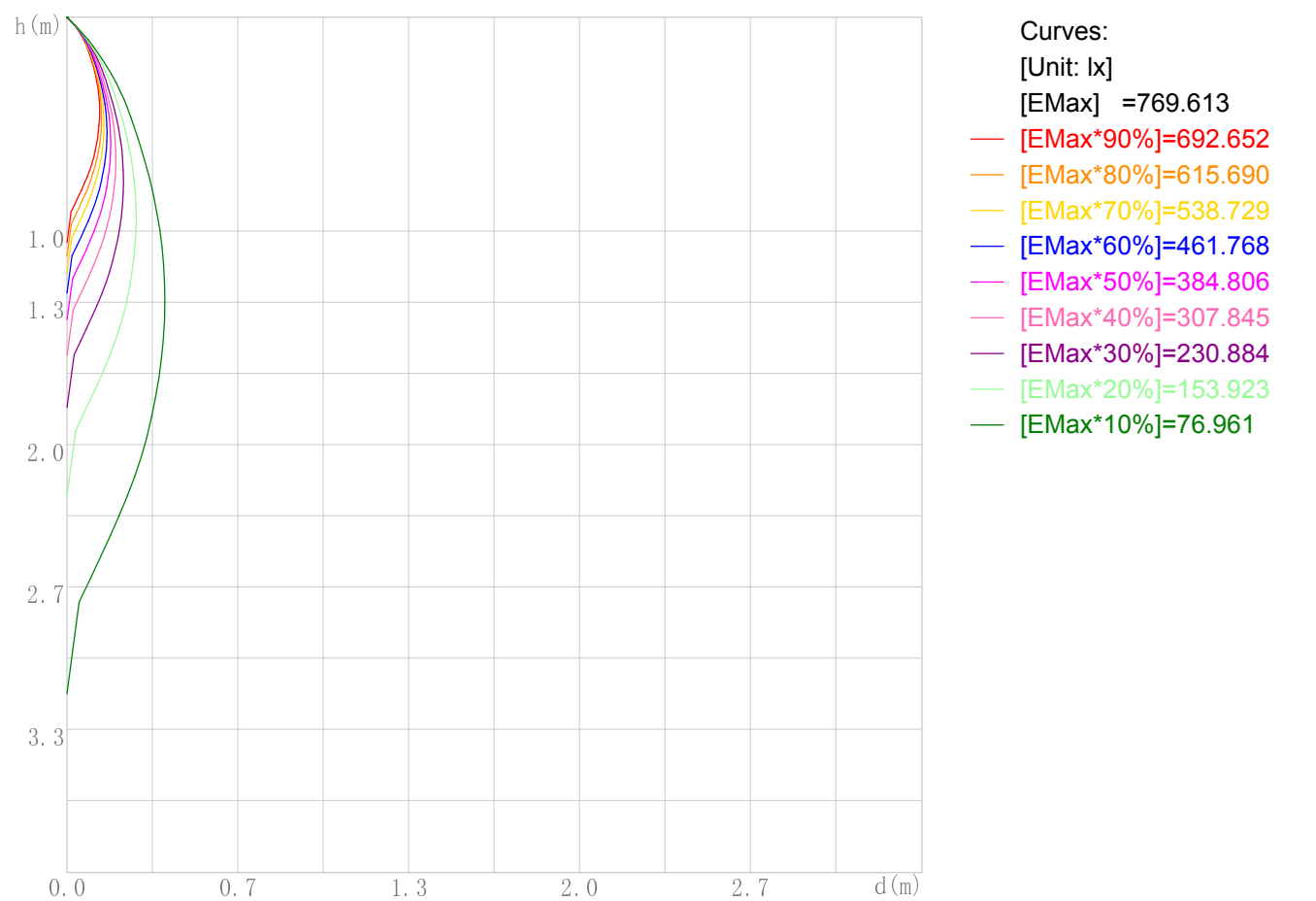
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

Lum. Name:55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/05/17

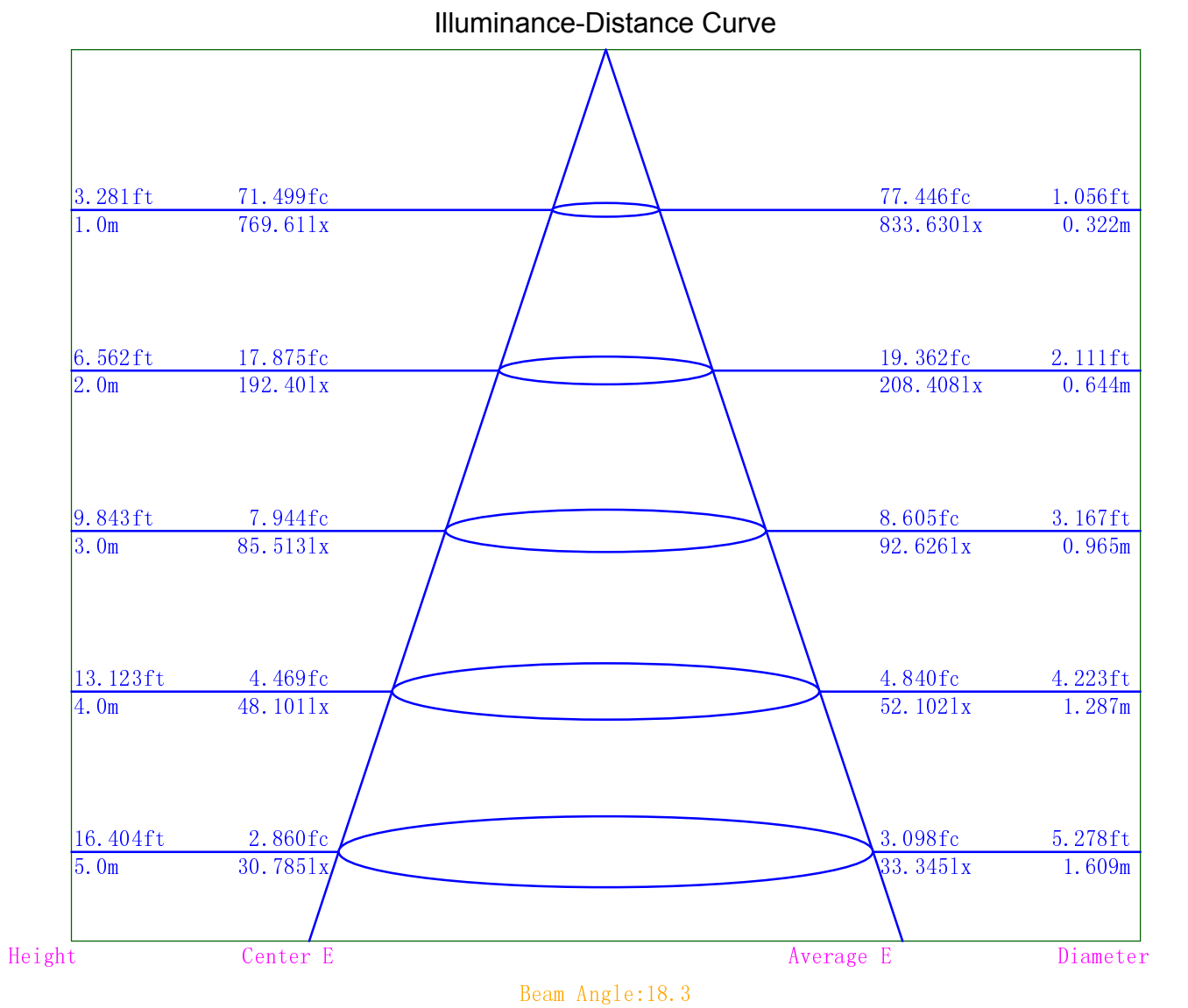
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:769.61lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:769.613cd,0deg

Illuminance-Distance Diagram

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2024/05/17



Indoor Luminance Limiting Curves

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/05/17

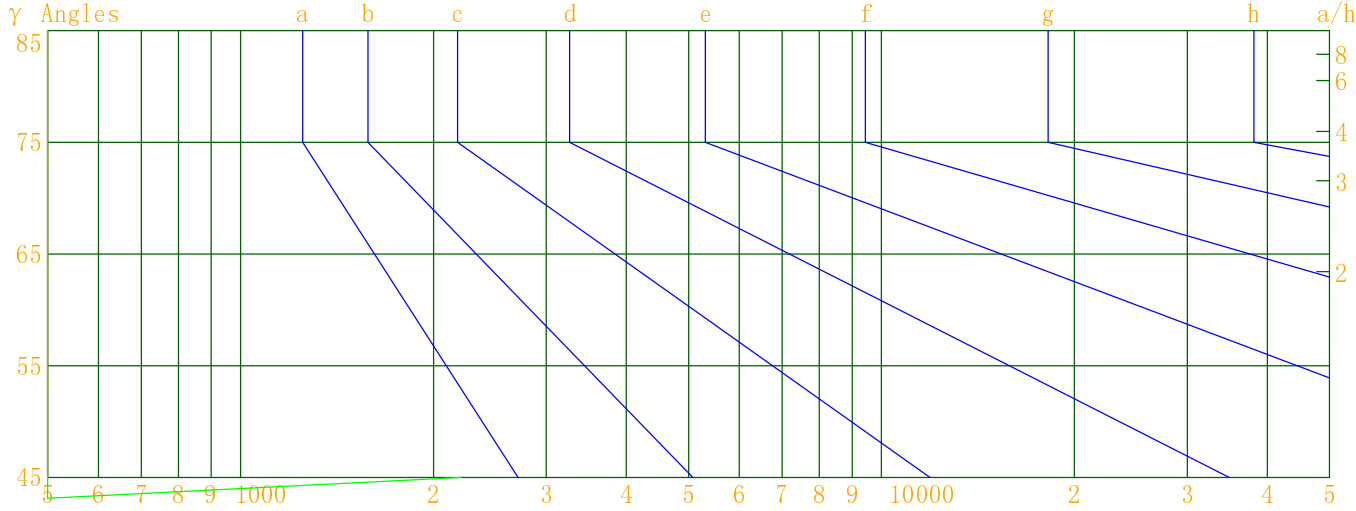
Glare Grade Table

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	0	0	0	0	0	0	0	0	0
C90	2206	42	0	0	0	0	0	0	0

Luminance Limiting Curve



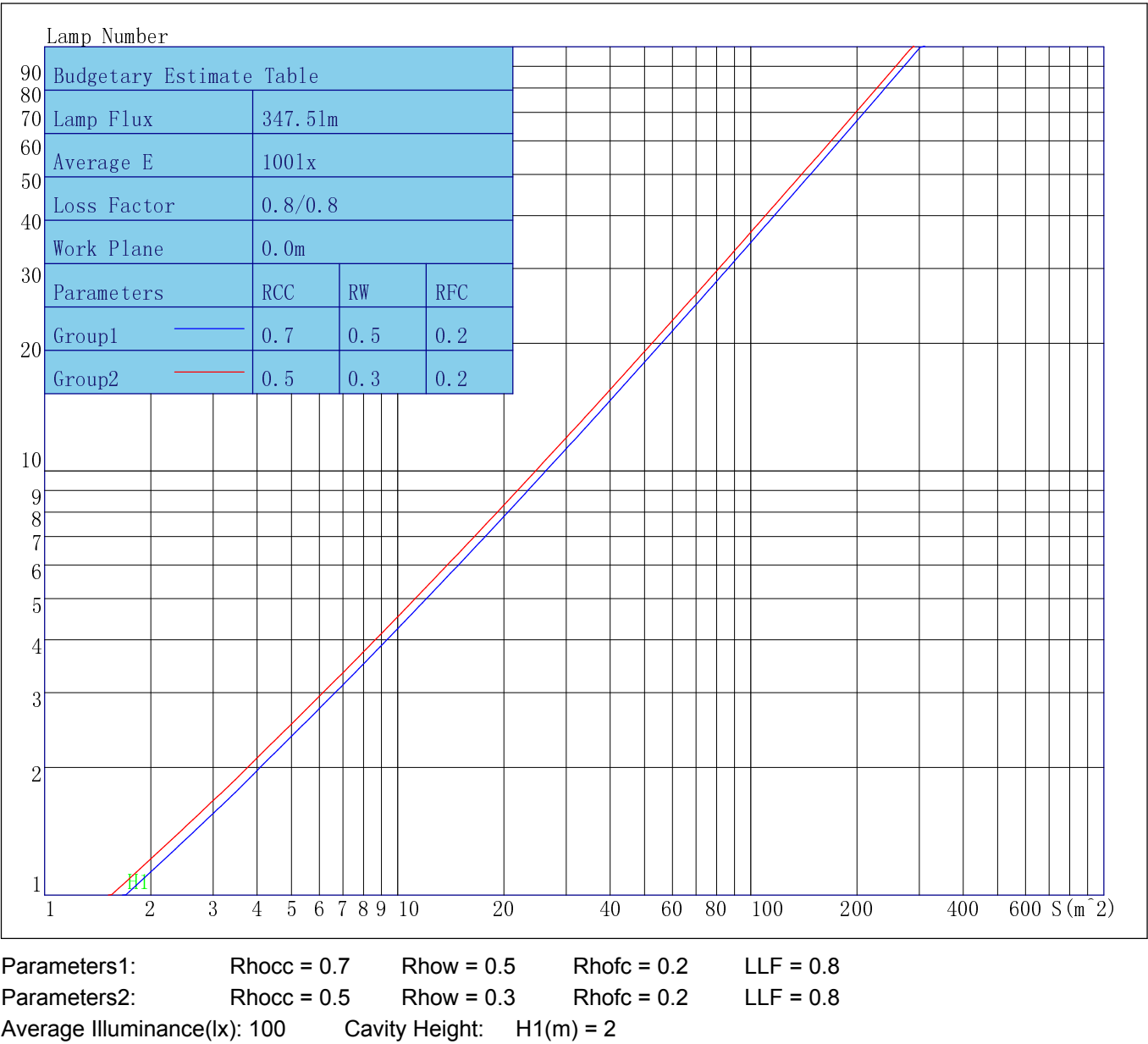
Luminous Size:Length(m)=-0.050Width(m)=-0.050Height(m)=0.000Area(m^2)=0.001963

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: 2024/05/17



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: 2024/05/17

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	114	112	110	108	112	110	108	106	106	105	103	102	101	100	99	98	97	96
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91
3	106	101	96	93	104	99	95	92	97	94	91	94	92	90	92	90	88	87
4	102	96	91	88	100	95	90	87	93	89	86	91	88	85	89	86	84	83
5	98	91	86	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79
6	94	87	82	79	93	86	82	79	85	81	78	84	80	78	83	80	77	76
7	91	84	79	75	90	83	78	75	82	78	75	81	77	74	80	76	74	73
8	88	80	75	72	87	80	75	72	79	75	72	78	74	71	77	73	71	70
9	85	77	72	69	84	77	72	69	76	72	69	75	71	68	74	71	68	67
10	82	74	69	66	81	74	69	66	73	69	66	72	69	66	72	68	66	65

Unified Glare Rating Table

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/05/17

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	7.7	8.5	8.1	8.8	9.1	14.4	15.2	14.8	15.5	15.8
	Y=3H	7.5	8.2	7.9	8.5	8.9	14.2	14.9	14.6	15.2	15.6
	Y=4H	7.4	8.0	7.8	8.4	8.8	14.1	14.7	14.5	15.1	15.5
	Y=6H	7.3	7.8	7.7	8.2	8.6	14.0	14.5	14.4	14.9	15.3
	Y=8H	7.2	7.7	7.6	8.1	8.5	13.9	14.4	14.4	14.8	15.2
	Y=12H	7.1	7.6	7.6	8.0	8.4	13.8	14.3	14.3	14.7	15.2
X=4H	Y=2H	7.4	8.0	7.8	8.4	8.8	14.2	14.9	14.6	15.2	15.6
	Y=3H	7.2	7.7	7.6	8.1	8.5	14.0	14.5	14.4	14.9	15.3
	Y=4H	7.0	7.5	7.5	7.9	8.3	13.9	14.3	14.3	14.7	15.2
	Y=6H	6.9	7.3	7.4	7.7	8.2	13.8	14.1	14.2	14.6	15.0
	Y=8H	6.8	7.1	7.3	7.6	8.1	13.7	14.0	14.2	14.4	14.9
	Y=12H	6.8	7.0	7.3	7.5	8.0	13.6	13.9	14.1	14.3	14.8
X=8H	Y=4H	6.8	7.1	7.3	7.6	8.1	13.7	14.0	14.2	14.4	14.9
	Y=6H	6.7	6.9	7.2	7.4	7.9	13.6	13.8	14.1	14.3	14.8
	Y=8H	6.6	6.8	7.2	7.3	7.8	13.5	13.7	14.0	14.2	14.7
	Y=12H	6.6	6.7	7.1	7.2	7.8	13.4	13.6	14.0	14.1	14.6
X=12H	Y=4H	6.8	7.0	7.3	7.5	8.0	13.6	13.9	14.1	14.3	14.8
	Y=6H	6.6	6.8	7.2	7.3	7.8	13.5	13.7	14.0	14.1	14.7
	Y=8H	6.6	6.7	7.1	7.2	7.8	13.4	13.6	14.0	14.1	14.6
Variations with the objverver 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					14.4/0.0				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		0.0					0.1				

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

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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	769.61	769.61	769.61	769.61	769.61	769.61	769.61	769.61	769.61	769.61	769.61	769.61
γ 1.0	576.01	661.74	771.44	883.84	987.03	1100.57	688.08	721.50	745.38	763.19	793.69	869.67
γ 2.0	530.92	634.38	780.02	948.01	1095.36	1227.16	757.41	758.33	737.71	712.47	712.55	773.91
γ 3.0	491.17	606.63	783.24	1007.01	1201.68	1350.96	834.17	794.61	727.35	664.31	640.89	692.41
γ 4.0	455.18	577.64	779.25	1058.90	1298.15	1462.06	918.04	830.50	715.87	619.95	578.37	623.12
γ 5.0	422.78	545.91	764.75	1100.17	1376.07	1550.85	1004.58	864.89	703.36	579.71	524.35	563.80
γ 6.0	392.47	510.15	740.91	1126.93	1429.73	1609.65	1090.16	894.20	687.22	541.08	476.82	512.55
γ 7.0	363.35	473.97	712.45	1136.17	1454.90	1633.50	1166.52	915.30	664.08	502.94	435.58	467.81
γ 8.0	335.33	438.13	681.92	1128.53	1453.83	1620.60	1225.45	922.20	631.20	463.52	399.29	428.53
γ 9.0	308.24	403.15	647.52	1110.91	1428.03	1575.86	1265.25	913.71	594.67	423.83	366.63	393.81
γ 10.0	282.00	368.26	613.24	1087.70	1380.32	1507.23	1287.78	897.96	558.80	386.06	336.86	362.75
γ 11.0	257.01	335.83	582.56	1051.52	1316.16	1420.97	1290.31	877.71	523.73	350.55	309.04	334.23
γ 12.0	233.77	307.72	550.16	1007.08	1238.15	1322.04	1269.34	853.97	489.93	317.78	282.53	308.01
γ 13.0	211.91	282.46	515.22	959.09	1149.38	1214.05	1226.60	826.57	459.01	287.72	257.31	283.82
γ 14.0	191.32	257.83	476.78	907.90	1054.68	1102.18	1167.04	795.72	428.69	261.33	233.73	261.35
γ 15.0	171.58	233.28	435.05	849.30	957.53	991.60	1099.00	759.33	395.85	238.07	211.70	240.49
γ 16.0	153.33	207.70	392.75	787.59	861.84	886.61	1025.81	715.49	362.23	216.20	191.23	220.84
γ 17.0	136.13	182.95	352.26	722.36	770.22	790.50	948.61	666.64	326.87	195.13	172.42	202.40
γ 18.0	120.08	160.13	317.92	653.67	685.93	706.22	868.77	615.04	291.30	174.78	154.36	184.88
γ 19.0	105.38	140.07	288.66	583.50	610.00	633.41	788.24	559.10	259.59	154.81	137.27	168.37
γ 20.0	91.66	123.44	261.35	515.79	542.60	570.91	709.74	503.49	232.72	135.14	121.57	153.12
γ 21.0	78.89	109.06	231.53	452.21	482.95	516.80	636.85	451.30	209.85	117.89	106.01	139.13
γ 22.0	67.42	95.56	199.84	396.46	430.26	469.16	569.96	406.63	187.70	102.97	91.27	126.45
γ 23.0	57.11	81.95	166.99	347.80	383.45	427.12	508.46	367.06	164.05	90.11	77.93	114.97
γ 24.0	48.21	68.28	137.70	305.73	341.93	389.81	451.70	329.29	139.54	78.94	66.17	104.56
γ 25.0	40.65	54.91	117.17	268.66	306.37	356.40	400.09	288.94	116.65	68.24	56.27	95.17
γ 26.0	34.31	44.31	102.91	233.73	274.95	326.40	353.40	247.15	97.20	57.68	48.13	

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[illegible]

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[illegible]

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[illegible]