

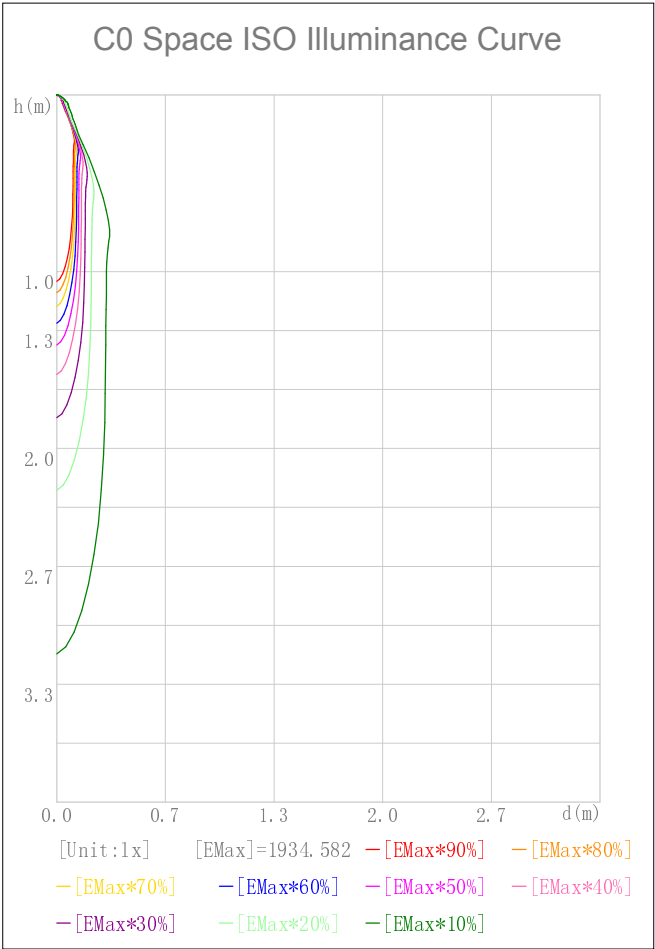
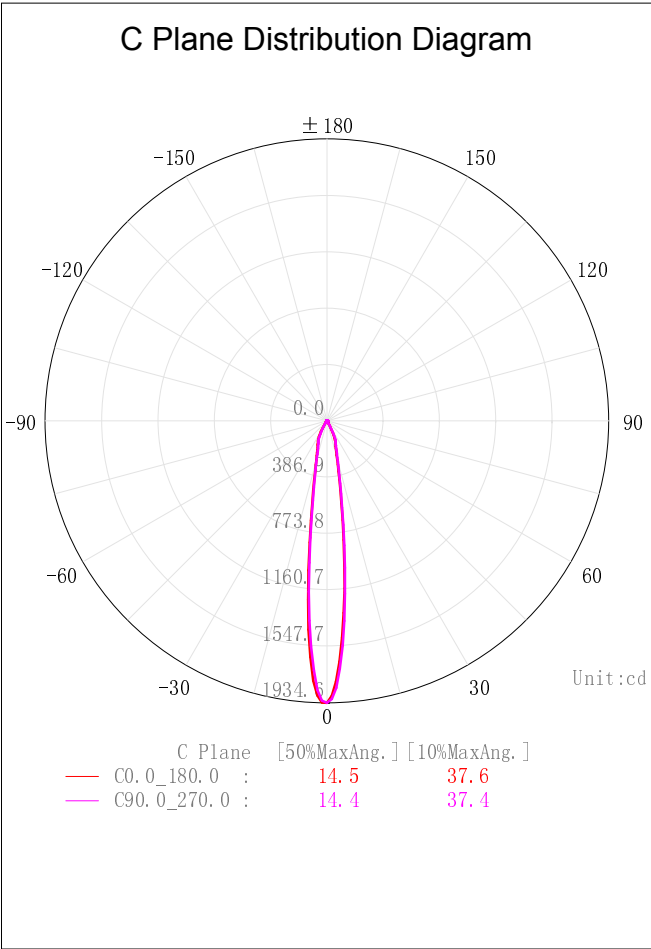
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 55252		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2023/05/13
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(%):

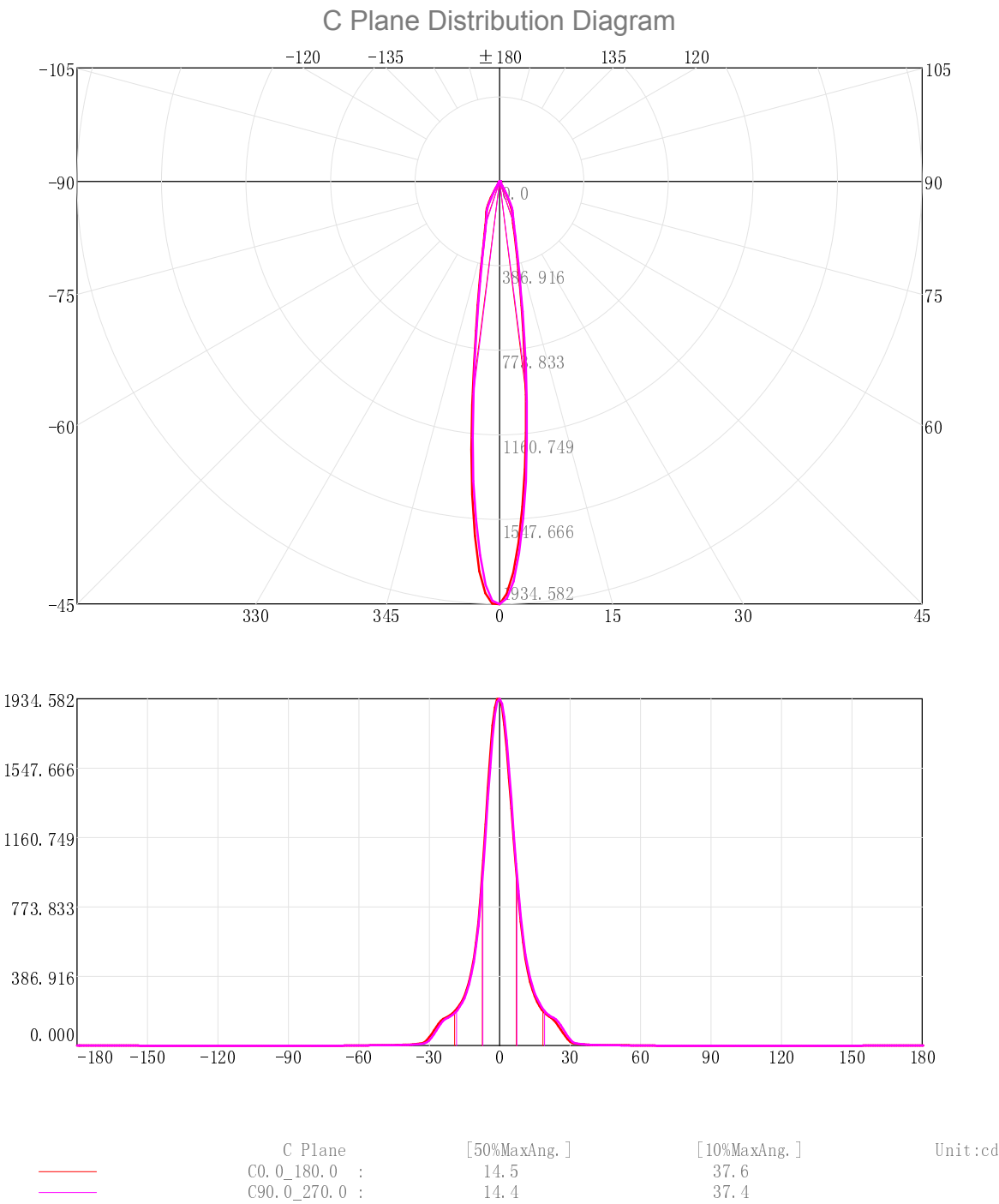
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 250.470	Luminary Flux(lm): 250.467	Field Angle(10%Imax): 37.6(°)
Rated Power(W): 3	Luminary Efficiency: 100.00%	Down Lumens&Percent: 249.508lm 99.62%
Rated Voltage(V): 24	Luminary EER(lm/W): 78.987	Up Lumens&Percent: 0.959lm 0.38%
Tested Power(W): 3.171	Max. Candela(cd): 1934.582	S/MH: C0_a180=0.249 C90_270=0.248
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=0.0	CIE Type: Semi-Direct
Tested Electrics(V, A, pf):24.0, 0.132	Beam Angle (50%Imax): 14.5(°)	ErP Φ use(90°): 245.766lm
Lamp Size(W*L*H):0.050m*-0.050m*0.000m	Left=-7.3°, Right=7.1°	IRF(%): 1584.776



2D Plane Light Intensity Distribution Curve

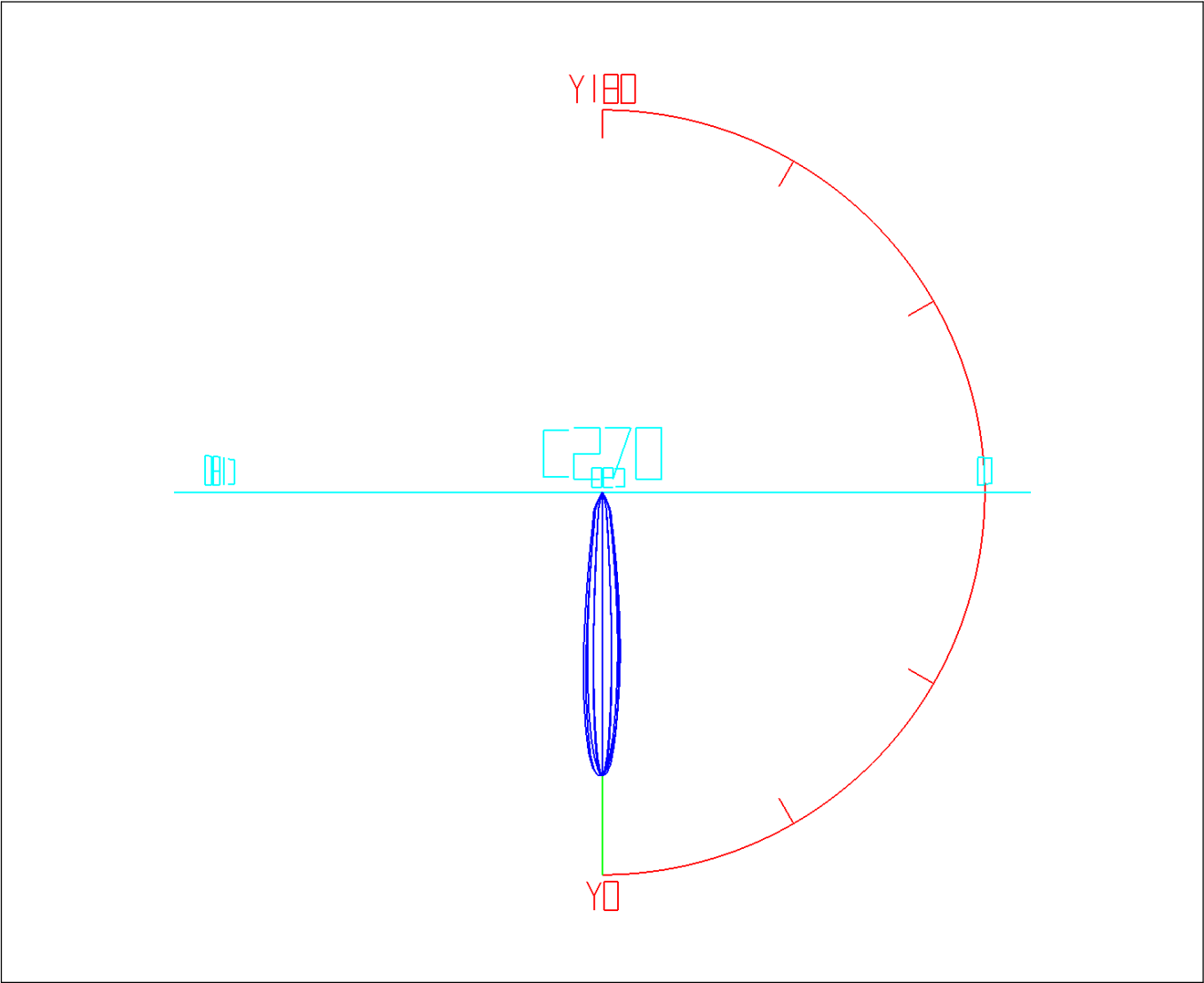
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/05/13



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: 2023/05/13

3D Light Intensity Distribution Modal



Curves:

View Angles:

3D Model

Orient:0

Fixture

Tilt:0

Vert. HUD

Roll:0

Hori. HUD

Spin:0

Zonal Flux Tabulation

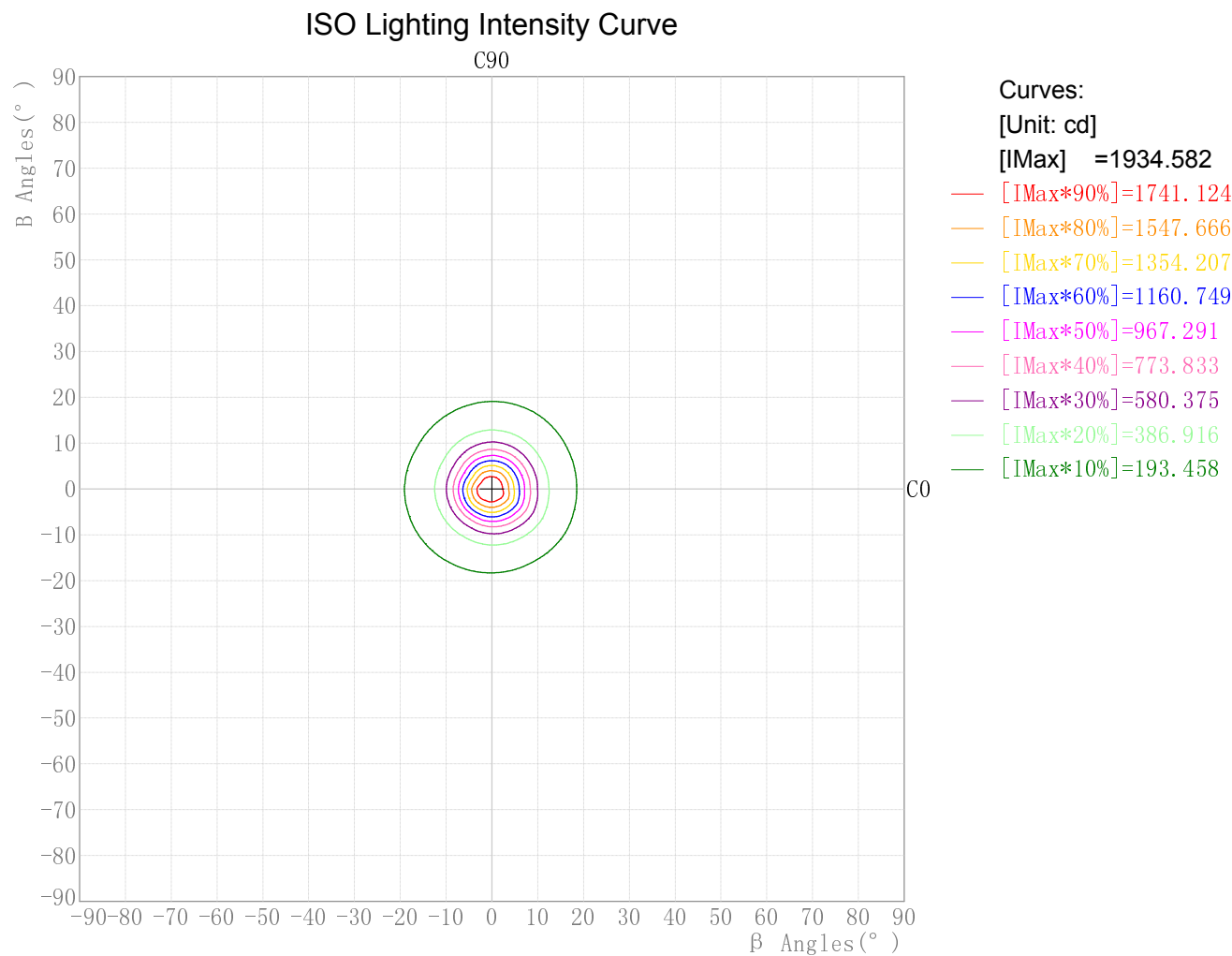
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	1.84	1.84	0.73	0.73	47.0-48.0	0.22	246.15	0.09	98.27
1.0-2.0	5.38	7.22	2.15	2.88	48.0-49.0	0.22	246.36	0.09	98.36
2.0-3.0	8.50	15.71	3.39	6.27	49.0-50.0	0.21	246.58	0.09	98.45
3.0-4.0	10.94	26.65	4.37	10.64	50.0-51.0	0.21	246.79	0.08	98.53
4.0-5.0	12.60	39.26	5.03	15.67	51.0-52.0	0.21	247.00	0.08	98.61
5.0-6.0	13.47	52.73	5.38	21.05	52.0-53.0	0.21	247.21	0.08	98.70
6.0-7.0	13.60	66.33	5.43	26.48	53.0-54.0	0.21	247.41	0.08	98.78
7.0-8.0	13.14	79.47	5.25	31.73	54.0-55.0	0.21	247.62	0.08	98.86
8.0-9.0	12.37	91.84	4.94	36.67	55.0-56.0	0.20	247.83	0.08	98.94
9.0-10.0	11.48	103.32	4.58	41.25	56.0-57.0	0.19	248.02	0.08	99.02
10.0-11.0	10.60	113.92	4.23	45.48	57.0-58.0	0.18	248.20	0.07	99.09
11.0-12.0	9.83	123.75	3.92	49.41	58.0-59.0	0.15	248.35	0.06	99.15
12.0-13.0	9.17	132.91	3.66	53.07	59.0-60.0	0.14	248.49	0.05	99.21
13.0-14.0	8.60	141.51	3.43	56.50	60.0-61.0	0.13	248.61	0.05	99.26
14.0-15.0	8.10	149.61	3.23	59.73	61.0-62.0	0.12	248.73	0.05	99.31
15.0-16.0	7.69	157.30	3.07	62.80	62.0-63.0	0.11	248.85	0.05	99.35
16.0-17.0	7.35	164.65	2.94	65.74	63.0-64.0	0.11	248.95	0.04	99.39
17.0-18.0	7.06	171.71	2.82	68.56	64.0-65.0	0.10	249.05	0.04	99.43
18.0-19.0	6.84	178.56	2.73	71.29	65.0-66.0	0.09	249.14	0.04	99.47
19.0-20.0	6.70	185.25	2.67	73.96	66.0-67.0	0.08	249.22	0.03	99.50
20.0-21.0	6.61	191.86	2.64	76.60	67.0-68.0	0.07	249.29	0.03	99.53
21.0-22.0	6.56	198.42	2.62	79.22	68.0-69.0	0.06	249.35	0.02	99.55
22.0-23.0	6.51	204.94	2.60	81.82	69.0-70.0	0.05	249.39	0.02	99.57
23.0-24.0	6.38	211.32	2.55	84.37	70.0-71.0	0.04	249.43	0.01	99.59
24.0-25.0	6.06	217.38	2.42	86.79	71.0-72.0	0.03	249.46	0.01	99.60
25.0-26.0	5.51	222.89	2.20	88.99	72.0-73.0	0.02	249.48	0.01	99.61
26.0-27.0	4.79	227.68	1.91	90.90	73.0-74.0	0.02	249.50	0.01	99.61
27.0-28.0	3.96	231.64	1.58	92.48	74.0-75.0	0.01	249.51	0.00	99.62
28.0-29.0	3.10	234.74	1.24	93.72	75.0-76.0	0.00	249.51	0.00	99.62
29.0-30.0	2.26	237.01	0.90	94.62	76.0-77.0	0.00	249.51	0.00	99.62
30.0-31.0	1.56	238.56	0.62	95.25	77.0-78.0	0.00	249.51	0.00	99.62
31.0-32.0	1.07	239.63	0.43	95.67	78.0-79.0	0.00	249.51	0.00	99.62
32.0-33.0	0.80	240.43	0.32	95.99	79.0-80.0	0.00	249.51	0.00	99.62
33.0-34.0	0.68	241.11	0.27	96.26	80.0-81.0	0.00	249.51	0.00	99.62
34.0-35.0	0.60	241.71	0.24	96.50	81.0-82.0	0.00	249.51	0.00	99.62
35.0-36.0	0.53	242.24	0.21	96.72	82.0-83.0	0.00	249.51	0.00	99.62
36.0-37.0	0.47	242.71	0.19	96.90	83.0-84.0	0.00	249.51	0.00	99.62
37.0-38.0	0.43	243.14	0.17	97.07	84.0-85.0	0.00	249.51	0.00	99.62
38.0-39.0	0.39	243.53	0.16	97.23	85.0-86.0	0.00	249.51	0.00	99.62
39.0-40.0	0.37	243.90	0.15	97.38	86.0-87.0	0.00	249.51	0.00	99.62
40.0-41.0	0.35	244.26	0.14	97.52	87.0-88.0	0.00	249.51	0.00	99.62
41.0-42.0	0.34	244.59	0.13	97.65	88.0-89.0	0.00	249.51	0.00	99.62
42.0-43.0	0.31	244.91	0.13	97.78	89.0-90.0	0.00	249.51	0.00	99.62
43.0-44.0	0.28	245.19	0.11	97.89	90.0-91.0	0.00	249.51	0.00	99.62
44.0-45.0	0.26	245.45	0.10	98.00	91.0-92.0	0.00	249.51	0.00	99.62
45.0-46.0	0.24	245.69	0.10	98.09	92.0-93.0	0.00	249.51	0.00	99.62
46.0-47.0	0.23	245.93	0.09	98.19	93.0-94.0	0.00	249.51	0.00	99.62

**Photometric Filename:UL-6W-COB-0600-C-24度-3000K.IES**

Zone( $\gamma$ )	Zone Flux (1m)	Sums Flux (1m)	Zone%Lamp	Sums%Lamp	Zone( $\gamma$ )	Zone Flux (1m)	Sums Flux (1m)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.00	249.51	0.00	99.62	141.0-142.0	0.00	249.51	0.00	99.62
95.0-96.0	0.00	249.51	0.00	99.62	142.0-143.0	0.00	249.51	0.00	99.62
96.0-97.0	0.00	249.51	0.00	99.62	143.0-144.0	0.00	249.51	0.00	99.62
97.0-98.0	0.00	249.51	0.00	99.62	144.0-145.0	0.00	249.51	0.00	99.62
98.0-99.0	0.00	249.51	0.00	99.62	145.0-146.0	0.00	249.51	0.00	99.62
99.0-100.0	0.00	249.51	0.00	99.62	146.0-147.0	0.00	249.51	0.00	99.62
100.0-101.0	0.00	249.51	0.00	99.62	147.0-148.0	0.00	249.51	0.00	99.62
101.0-102.0	0.00	249.51	0.00	99.62	148.0-149.0	0.01	249.52	0.00	99.62
102.0-103.0	0.00	249.51	0.00	99.62	149.0-150.0	0.01	249.54	0.01	99.63
103.0-104.0	0.00	249.51	0.00	99.62	150.0-151.0	0.02	249.56	0.01	99.64
104.0-105.0	0.00	249.51	0.00	99.62	151.0-152.0	0.03	249.58	0.01	99.65
105.0-106.0	0.00	249.51	0.00	99.62	152.0-153.0	0.03	249.61	0.01	99.66
106.0-107.0	0.00	249.51	0.00	99.62	153.0-154.0	0.03	249.65	0.01	99.67
107.0-108.0	0.00	249.51	0.00	99.62	154.0-155.0	0.04	249.68	0.02	99.69
108.0-109.0	0.00	249.51	0.00	99.62	155.0-156.0	0.04	249.73	0.02	99.70
109.0-110.0	0.00	249.51	0.00	99.62	156.0-157.0	0.04	249.77	0.02	99.72
110.0-111.0	0.00	249.51	0.00	99.62	157.0-158.0	0.05	249.82	0.02	99.74
111.0-112.0	0.00	249.51	0.00	99.62	158.0-159.0	0.05	249.86	0.02	99.76
112.0-113.0	0.00	249.51	0.00	99.62	159.0-160.0	0.05	249.91	0.02	99.78
113.0-114.0	0.00	249.51	0.00	99.62	160.0-161.0	0.05	249.96	0.02	99.80
114.0-115.0	0.00	249.51	0.00	99.62	161.0-162.0	0.05	250.00	0.02	99.81
115.0-116.0	0.00	249.51	0.00	99.62	162.0-163.0	0.05	250.05	0.02	99.83
116.0-117.0	0.00	249.51	0.00	99.62	163.0-164.0	0.04	250.09	0.02	99.85
117.0-118.0	0.00	249.51	0.00	99.62	164.0-165.0	0.04	250.14	0.02	99.87
118.0-119.0	0.00	249.51	0.00	99.62	165.0-166.0	0.04	250.18	0.02	99.88
119.0-120.0	0.00	249.51	0.00	99.62	166.0-167.0	0.04	250.22	0.02	99.90
120.0-121.0	0.00	249.51	0.00	99.62	167.0-168.0	0.04	250.25	0.01	99.91
121.0-122.0	0.00	249.51	0.00	99.62	168.0-169.0	0.03	250.29	0.01	99.93
122.0-123.0	0.00	249.51	0.00	99.62	169.0-170.0	0.03	250.32	0.01	99.94
123.0-124.0	0.00	249.51	0.00	99.62	170.0-171.0	0.03	250.35	0.01	99.95
124.0-125.0	0.00	249.51	0.00	99.62	171.0-172.0	0.03	250.37	0.01	99.96
125.0-126.0	0.00	249.51	0.00	99.62	172.0-173.0	0.02	250.39	0.01	99.97
126.0-127.0	0.00	249.51	0.00	99.62	173.0-174.0	0.02	250.41	0.01	99.98
127.0-128.0	0.00	249.51	0.00	99.62	174.0-175.0	0.02	250.43	0.01	99.98
128.0-129.0	0.00	249.51	0.00	99.62	175.0-176.0	0.01	250.44	0.01	99.99

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: 2023/05/13



Maximum Light Intensity(cd): 1934.58

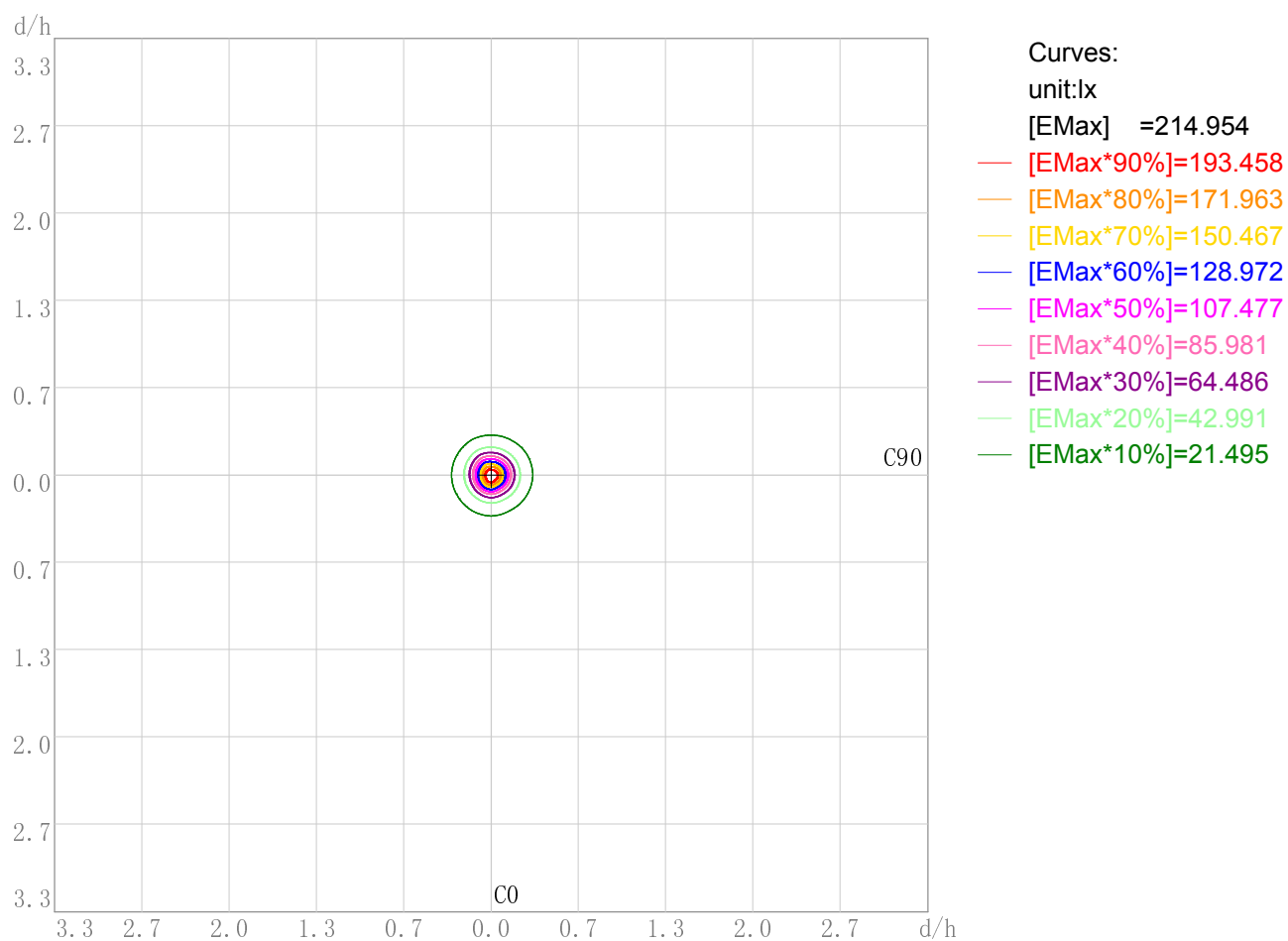
Maximum Cand.@Angle: H=0.0°,V=0.0°

**Photometric Filename:UL-6W-COB-0600-C-24度-3000K.IES**

## Plane ISO-Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/05/13

### Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

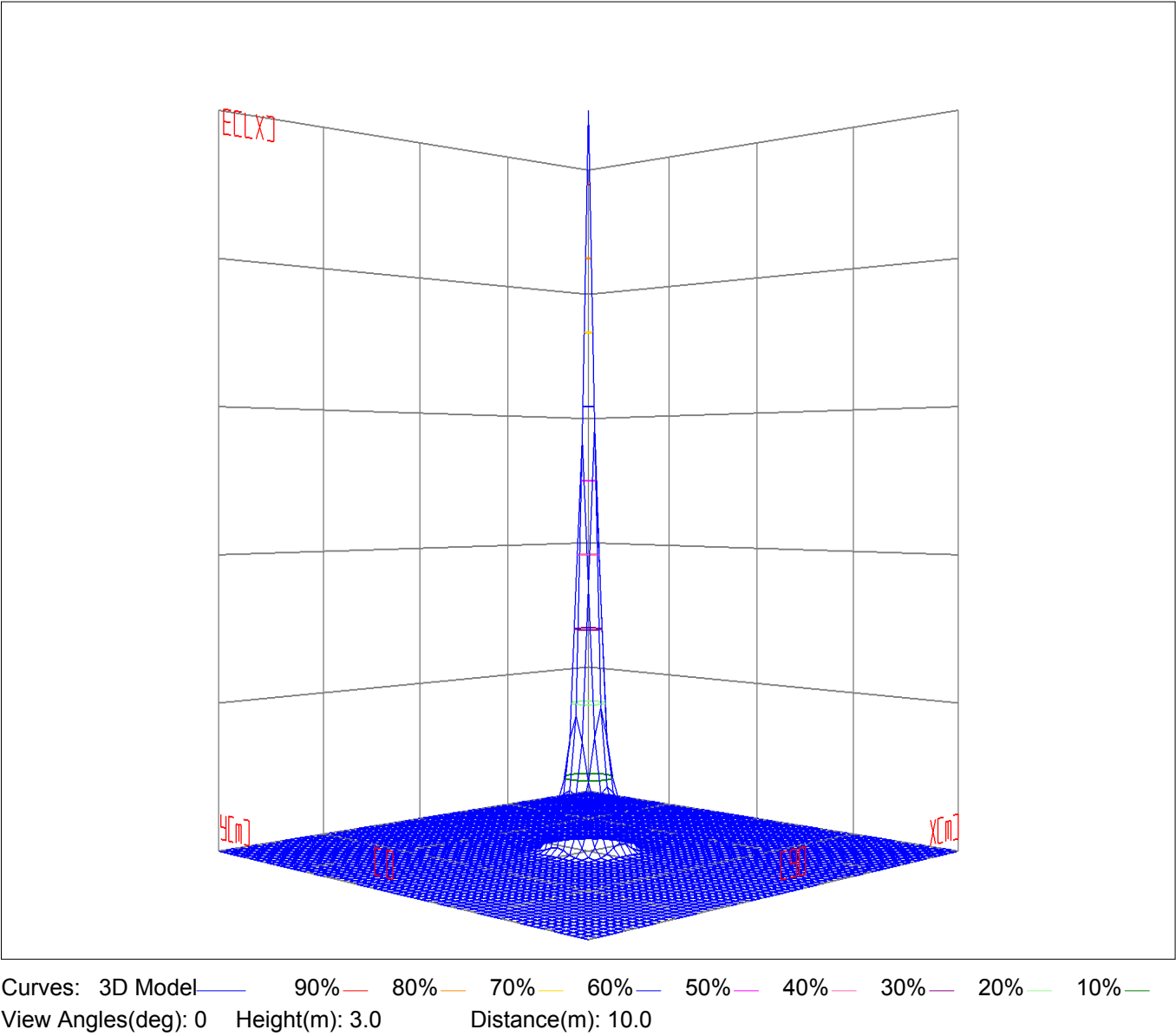
Working Plane Maximum Illuminance(lx): 214.95

Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

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: 2023/05/13

3D Plane Illuminance Modal

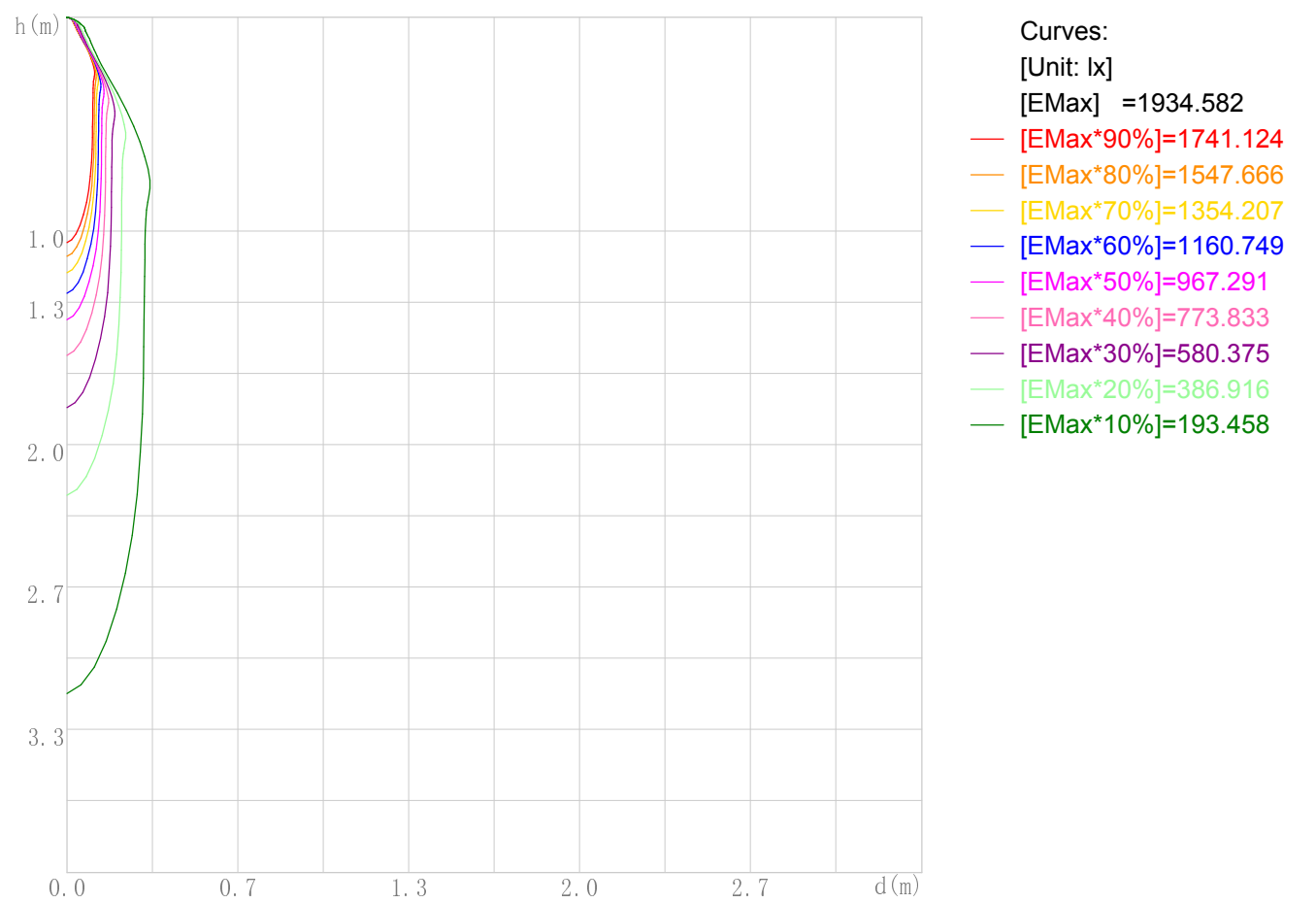




Space ISO Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/05/13

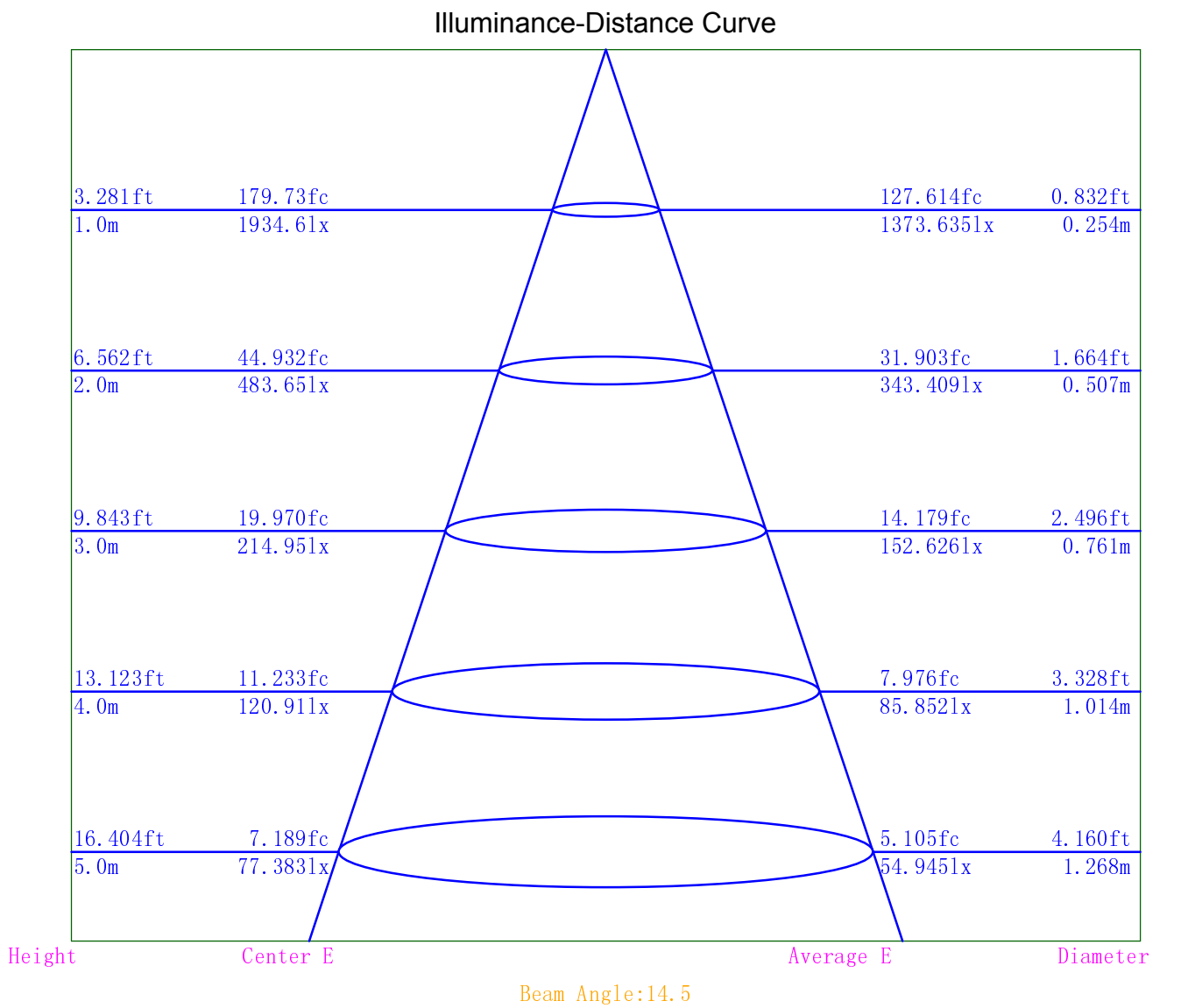
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1934.58lx,0.0deg  
Plane Maximum Lighting Intensity and @Angle:1934.582cd,0eg

Illuminance-Distance Diagram

Lum. Name:55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/05/13



Indoor Luminance Limiting Curves

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/05/13

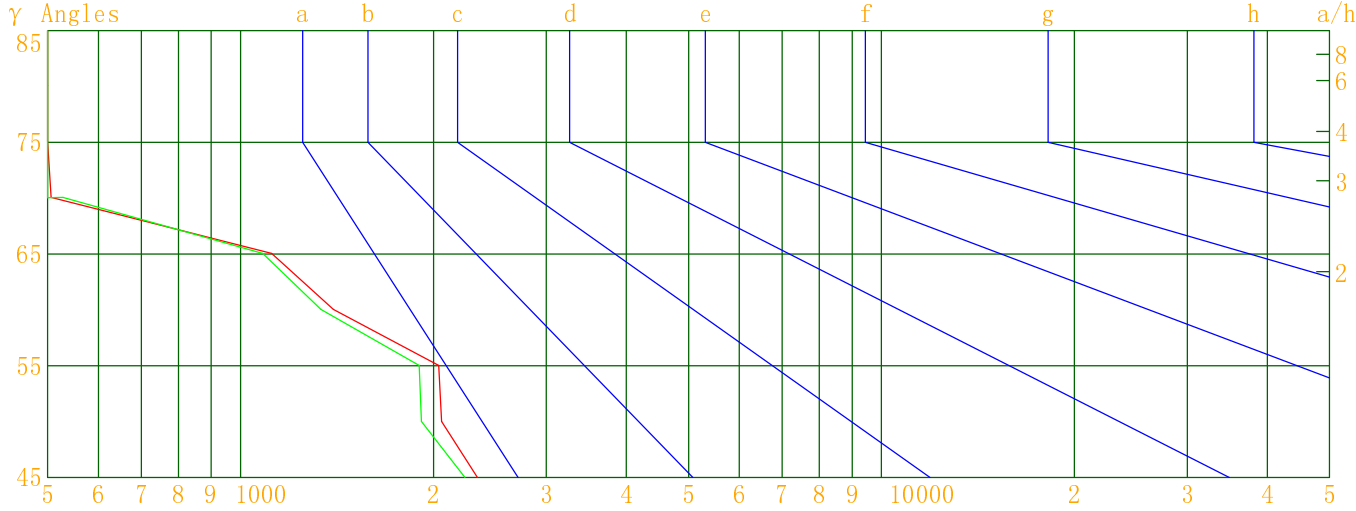
Glare Grade Table

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	2342	2060	2037	1395	1118	506	0	0	0
C90	2239	1914	1899	1334	1083	529	10	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

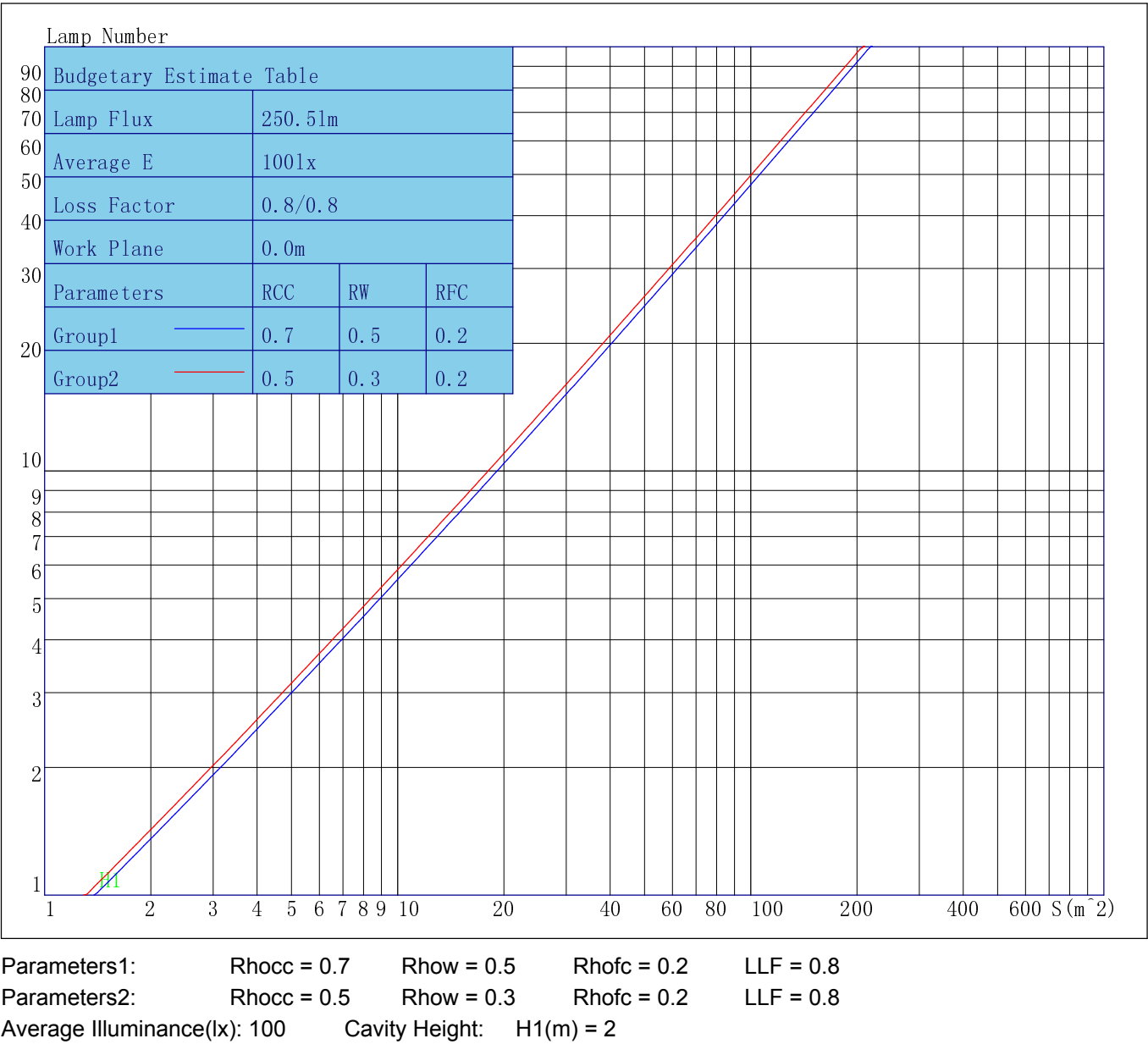
Luminous Curves:

C0-C180 Color:

C90-C270 Color:

Indoor Budgetary Estimate Table

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/05/13



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: 2023/05/13

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	115	113	111	109	113	111	109	107	107	105	104	103	102	101	99	99	98	96
2	111	107	104	102	109	106	103	101	103	100	99	100	98	96	97	96	94	93
3	108	103	99	96	106	102	98	96	99	96	94	97	94	93	95	93	91	90
4	104	99	95	92	103	98	94	91	96	93	90	94	91	89	92	90	88	87
5	101	95	91	88	100	94	91	88	93	89	87	91	88	86	90	87	86	84
6	98	92	88	85	97	91	87	85	90	87	84	89	86	84	88	85	83	82
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	80
8	93	87	82	80	92	86	82	79	85	82	79	84	81	79	83	81	78	78
9	91	84	80	77	90	84	80	77	83	79	77	82	79	77	81	79	76	76
10	88	82	78	75	88	81	78	75	81	77	75	80	77	75	79	77	75	74

Unified Glare Rating Table

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/05/13

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	5.7	6.6	6.0	6.9	7.2	5.8	6.7	6.2	7.1	7.4
	Y=3H	5.8	6.6	6.2	7.0	7.4	6.0	6.8	6.4	7.1	7.5
	Y=4H	5.7	6.5	6.2	6.8	7.2	5.9	6.6	6.3	7.0	7.4
	Y=6H	5.6	6.3	6.1	6.7	7.1	5.8	6.4	6.2	6.8	7.2
	Y=8H	5.6	6.2	6.0	6.6	7.0	5.7	6.3	6.1	6.7	7.2
	Y=12H	5.5	6.1	5.9	6.5	6.9	5.6	6.2	6.1	6.6	7.1
X=4H	Y=2H	5.8	6.5	6.2	6.9	7.3	5.9	6.6	6.3	7.0	7.4
	Y=3H	6.0	6.6	6.4	7.0	7.4	6.1	6.7	6.5	7.1	7.5
	Y=4H	5.8	6.4	6.3	6.8	7.3	6.0	6.5	6.4	6.9	7.4
	Y=6H	5.7	6.2	6.2	6.6	7.1	5.8	6.3	6.3	6.7	7.2
	Y=8H	5.7	6.1	6.1	6.5	7.0	5.8	6.2	6.2	6.6	7.1
	Y=12H	5.6	5.9	6.1	6.4	6.9	5.7	6.0	6.2	6.5	7.0
X=8H	Y=4H	5.7	6.1	6.2	6.6	7.0	5.8	6.2	6.3	6.7	7.1
	Y=6H	5.5	5.9	6.1	6.4	6.9	5.7	6.0	6.2	6.5	7.0
	Y=8H	5.5	5.8	6.0	6.3	6.8	5.6	5.9	6.1	6.4	6.9
	Y=12H	5.4	5.7	5.9	6.2	6.8	5.5	5.8	6.1	6.3	6.9
X=12H	Y=4H	5.6	6.0	6.1	6.5	7.0	5.7	6.1	6.2	6.6	7.1
	Y=6H	5.5	5.8	6.0	6.2	6.8	5.6	5.9	6.1	6.3	6.9
	Y=8H	5.4	5.7	5.9	6.2	6.8	5.5	5.8	6.1	6.3	6.9
Variations with the objverver position at spacings											
S=1.0H		0.0/0.0					0.0/0.0				
S=1.5H		5.5/0.0					5.4/0.0				
S=2.0H		5.0/0.0					4.9/-47.8				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		0.4					0.4				

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

IES Indoor Report

Photometric Filename:UL-6W-COB-0600-C-24度-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	1934. 58	1934. 58	1934. 58	1934. 58	1934. 58	1934. 58	1934. 58	1934. 58	1934. 58	1934. 58	1934. 58	1934. 58
γ 1. 0	1887. 18	1881. 98	1898. 81	1907. 70	1912. 77	1903. 98	1932. 73	1929. 39	1920. 59	1918. 46	1914. 32	1915. 89
γ 2. 0	1789. 95	1790. 35	1822. 02	1831. 89	1839. 22	1821. 39	1886. 01	1883. 01	1858. 38	1848. 09	1838. 92	1846. 85
γ 3. 0	1653. 95	1663. 01	1695. 27	1701. 63	1715. 27	1697. 98	1786. 00	1782. 60	1728. 73	1713. 68	1705. 03	1724. 51
γ 4. 0	1492. 53	1504. 31	1537. 42	1545. 70	1553. 94	1532. 75	1625. 61	1621. 22	1563. 64	1550. 10	1548. 32	1574. 69
γ 5. 0	1322. 53	1326. 38	1366. 94	1378. 22	1369. 51	1339. 06	1438. 26	1431. 84	1380. 73	1376. 28	1373. 22	1403. 73
γ 6. 0	1154. 92	1158. 17	1188. 53	1191. 75	1187. 03	1142. 93	1233. 75	1226. 31	1183. 24	1179. 19	1184. 77	1225. 28
γ 7. 0	984. 63	991. 72	1014. 93	1015. 38	1003. 07	960. 10	1032. 63	1018. 19	971. 63	980. 14	1004. 76	1051. 55
γ 8. 0	825. 20	835. 24	857. 22	862. 14	836. 85	793. 42	842. 40	826. 63	790. 41	809. 75	839. 13	887. 84
γ 9. 0	690. 55	697. 17	718. 88	723. 36	699. 36	660. 50	691. 92	675. 69	647. 88	667. 18	692. 71	742. 44
γ 10. 0	576. 35	578. 87	597. 33	604. 77	587. 18	552. 62	575. 33	557. 43	538. 15	554. 86	576. 17	618. 56
γ 11. 0	485. 24	485. 43	500. 59	509. 81	496. 98	467. 12	484. 56	468. 09	455. 02	467. 03	481. 40	516. 40
γ 12. 0	413. 53	414. 28	429. 69	437. 82	423. 88	401. 67	414. 71	401. 30	390. 35	398. 82	408. 80	433. 36
γ 13. 0	356. 00	359. 37	375. 54	380. 28	366. 75	349. 28	359. 10	349. 13	338. 71	344. 83	351. 37	370. 83
γ 14. 0	311. 39	317. 35	329. 10	332. 41	320. 18	304. 89	313. 83	306. 27	296. 40	299. 70	305. 79	319. 88
γ 15. 0	276. 25	281. 76	292. 54	292. 80	281. 98	269. 17	277. 77	270. 71	262. 60	264. 83	269. 04	282. 49
γ 16. 0	245. 16	250. 41	262. 38	262. 65	251. 48	241. 54	249. 12	243. 68	236. 57	238. 26	242. 24	252. 67
γ 17. 0	220. 05	223. 37	233. 61	237. 36	228. 71	220. 66	227. 57	223. 24	216. 49	217. 07	216. 75	223. 93
γ 18. 0	200. 99	203. 33	210. 95	213. 58	207. 07	202. 96	210. 84	206. 40	199. 71	197. 92	195. 95	202. 43
γ 19. 0	186. 10	188. 11	193. 53	195. 06	190. 70	187. 78	194. 71	191. 11	185. 82	183. 70	182. 25	187. 30
γ 20. 0	174. 44	176. 33	181. 13	181. 74	178. 97	176. 56	181. 98	179. 05	175. 07	172. 33	171. 25	175. 55
γ 21. 0	164. 37	165. 64	170. 03	170. 81	169. 35	167. 49	171. 72	169. 62	165. 52	163. 89	162. 79	165. 83
γ 22. 0	155. 67	157. 15	161. 01	162. 39	161. 16	158. 96	163. 51	161. 66	158. 16	156. 33	156. 10	158. 28
γ 23. 0	144. 01	146. 89	152. 58	155. 48	154. 04	152. 63	155. 98	154. 18	151. 73	149. 70	148. 34	149. 19
γ 24. 0	127. 77	132. 52	141. 18	146. 21	146. 31	144. 02	149. 30	147. 02	142. 52	138. 87	136. 45	136. 57
γ 25. 0	109. 94	114. 13	125. 27	133. 31	134. 64	131. 88	138. 86	134. 22	128. 47	123. 28	118. 86	118. 47
γ 26. 0	90. 69	95. 29	105. 89	114. 48	117. 23	114. 97	122. 07	116. 22	109. 96	104. 00	100. 41	98. 51
γ 27. 0	71. 24	75. 70	85. 91	95. 02	98. 99	95. 46	104. 36	97. 08	90. 66	84. 12	79. 76	79. 56
γ 28. 0	52. 93	57. 70	66. 11	73. 66	77. 82	77. 14	84. 26	77. 88	70. 10	63. 33	59. 44	60. 54
γ 29. 0	36. 81	40. 29	47. 47	53. 65	57. 74	57. 83	64. 73	59. 70	51. 43	45. 42	42. 76	42. 39
γ 30. 0	23. 32	26. 13	31. 17	36. 41	40. 64	39. 96	47. 63	41. 79	34. 41	29. 54	27. 21	27. 58
γ 31. 0	15. 39	16. 99	20. 27	23. 44	25. 82	26. 08	31. 55	27. 16	21. 99	19. 65	18. 36	18. 17
γ 32. 0	12. 38	12. 97	14. 06	15. 70	17. 40	17. 72	20. 09	17. 97	14. 88	13. 62	12. 92	12. 92
γ 33. 0	10. 81	11. 38	11. 87	12. 28	13. 11	13. 36	13. 83	12. 81	11. 38	11. 27	11. 21	11. 17
γ 34. 0	9. 29	9. 78	10. 20	10. 70	11. 41	11. 68	11. 63	11. 20	10. 02	9. 85	9. 85	9. 77
γ 35. 0	7. 97	8. 36	8. 57	8. 91	9. 74	9. 94	10. 11	9. 61	8. 58	8. 39	8. 45	8. 39
γ 36. 0	7. 00	7. 23	7. 36	7. 54	8. 33	8. 55	8. 65	8. 31	7. 41	7. 23	7. 39	7. 34
γ 37. 0	6. 27	6. 48	6. 42	6. 55	7. 21	7. 40	7. 50	7. 28	6. 39	6. 32	6. 60	6. 51
γ 38. 0	5. 68	5. 91	5. 68	5. 74	6. 33	6. 53	6. 63	6. 39	5. 59	5. 68	6. 04	5. 89
γ 39. 0	5. 26	5. 41	5. 18	5. 27	5. 73	5. 96	6. 02	5. 85	5. 07	5. 29	5. 58	5. 44
γ 40. 0	4. 93	5. 02	4. 79	4. 83	5. 31	5. 48	5. 69	5. 42	4. 60	4. 78	5. 23	4. 99
γ 41. 0	4. 59	4. 69	4. 54	4. 60	5. 11	5. 19	5. 43	5. 18	4. 32	4. 53	4. 98	4. 72
γ 42. 0	4. 23	4. 34	4. 28	4. 23	4. 71	4. 83	5. 04	4. 86	3. 99	4. 15	4. 62	4. 35
γ 43. 0	3. 79	3. 87	3. 91	3. 82	4. 26	4. 39	4. 44	4. 29	3. 50	3. 66	4. 11	3. 98
γ 44. 0	3. 48	3. 45	3. 45	3. 32	3. 65	3. 68	3. 96	3. 76	3. 09	3. 20	3. 63	3. 59
γ 45. 0	3. 25	3. 19	3. 21	3. 11	3. 46	3. 37	3. 19	3. 11	2. 90	2. 98	3. 39	3. 36
γ 46. 0	3. 05	3. 04	3. 05	2. 93	3. 28	3. 19	3. 04	2. 94	2. 75	2. 80	3. 21	3. 18

**Photometric Filename:UL-6W-COB-0600-C-24度-3000K.IES**

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



**Photometric Filename:UL-6W-COB-0600-C-24度-3000K.IES**

[illegible]

**Photometric Filename:UL-6W-COB-0600-C-24度-3000K.IES**

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.05	0.06	0.08	0.08	0.06
γ 148.0	0.09	0.08	0.01	0.01	0.03	0.05	0.13	0.14	0.16	0.18	0.17	0.16
γ 149.0	0.19	0.17	0.12	0.11	0.13	0.15	0.23	0.25	0.27	0.30	0.29	0.25
γ 150.0	0.29	0.27	0.22	0.21	0.23	0.26	0.35	0.35	0.38	0.39	0.40	0.38
γ 151.0	0.40	0.38	0.34	0.32	0.36	0.38	0.46	0.47	0.49	0.51	0.52	0.47
γ 152.0	0.52	0.50	0.46	0.44	0.46	0.50	0.57	0.59	0.61	0.61	0.63	0.60
γ 153.0	0.63	0.63	0.57	0.54	0.58	0.60	0.68	0.72	0.73	0.75	0.74	0.70
γ 154.0	0.74	0.72	0.67	0.67	0.69	0.71	0.81	0.80	0.84	0.85	0.84	0.81
γ 155.0	0.85	0.83	0.78	0.78	0.79	0.82	0.90	0.91	0.94	0.95	0.94	0.90
γ 156.0	0.94	0.93	0.88	0.87	0.88	0.92	0.99	1.02	1.02	1.03	1.02	1.01
γ 157.0	1.05	1.03	0.98	0.98	0.99	1.02	1.08	1.11	1.11	1.13	1.12	1.09
γ 158.0	1.12	1.11	1.06	1.06	1.07	1.10	1.16	1.16	1.17	1.19	1.19	1.16
γ 159.0	1.20	1.18	1.13	1.13	1.14	1.18	1.23	1.24	1.23	1.25	1.26	1.22
γ 160.0	1.27	1.24	1.19	1.20	1.20	1.23	1.30	1.30	1.27	1.31	1.32	1.29
γ 161.0	1.33	1.30	1.25	1.28	1.26	1.30	1.34	1.34	1.32	1.36	1.37	1.35
γ 162.0	1.38	1.36	1.30	1.33	1.33	1.35	1.39	1.37	1.35	1.39	1.41	1.40
γ 163.0	1.42	1.39	1.34	1.36	1.38	1.39	1.42	1.42	1.37	1.42	1.45	1.44
γ 164.0	1.47	1.42	1.38	1.42	1.42	1.43	1.47	1.44	1.40	1.45	1.49	1.48
γ 165.0	1.51	1.47	1.42	1.45	1.46	1.48	1.51	1.47	1.42	1.48	1.52	1.51
γ 166.0	1.53	1.50	1.45	1.49	1.50	1.52	1.53	1.49	1.44	1.51	1.55	1.54
γ 167.0	1.57	1.52	1.48	1.51	1.53	1.56	1.56	1.51	1.44	1.52	1.57	1.57
γ 168.0	1.59	1.54	1.51	1.54	1.55	1.58	1.57	1.53	1.48	1.52	1.59	1.59
γ 169.0	1.61	1.55	1.52	1.56	1.57	1.59	1.58	1.54	1.49	1.53	1.60	1.61
γ 170.0	1.63	1.57	1.53	1.58	1.60	1.61	1.61	1.54	1.49	1.53	1.60	1.62
γ 171.0	1.63	1.59	1.55	1.58	1.60	1.60	1.60	1.56	1.51	1.53	1.60	1.63
γ 172.0	1.62	1.58	1.55	1.58	1.59	1.61	1.59	1.55	1.51	1.53	1.60	1.61