

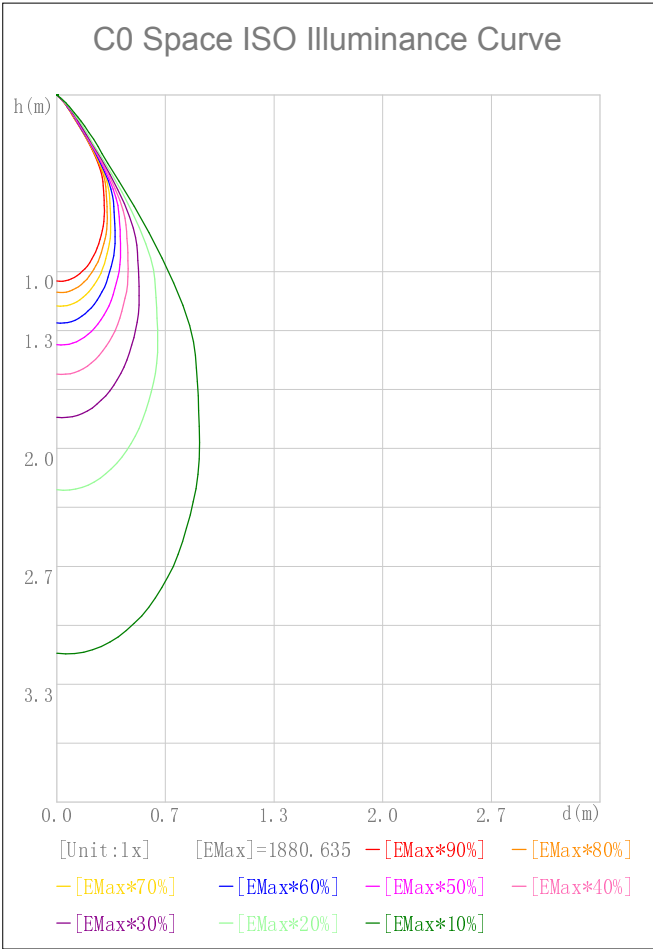
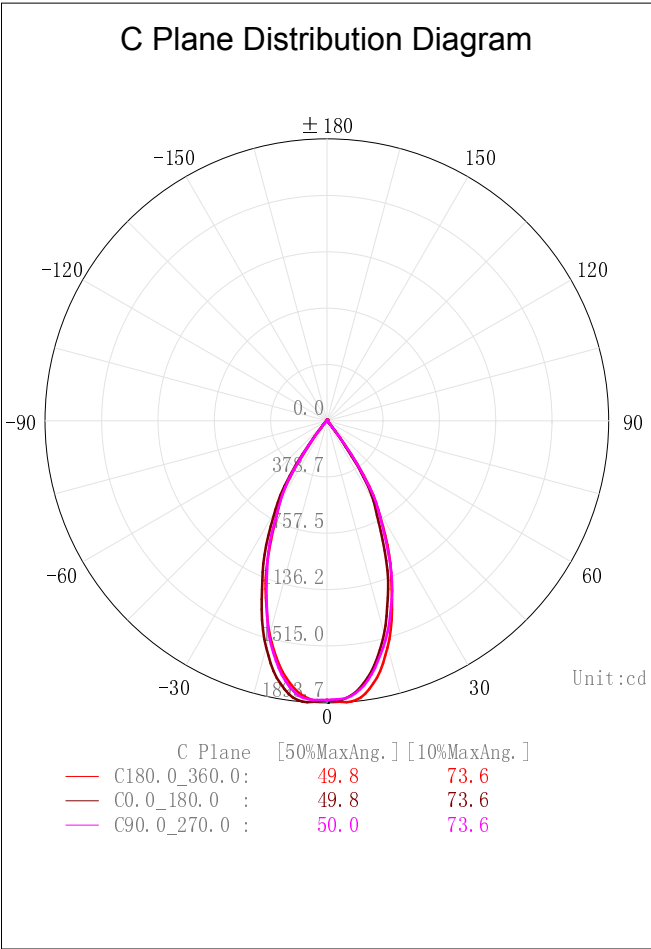
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 55252		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2022/05/30
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

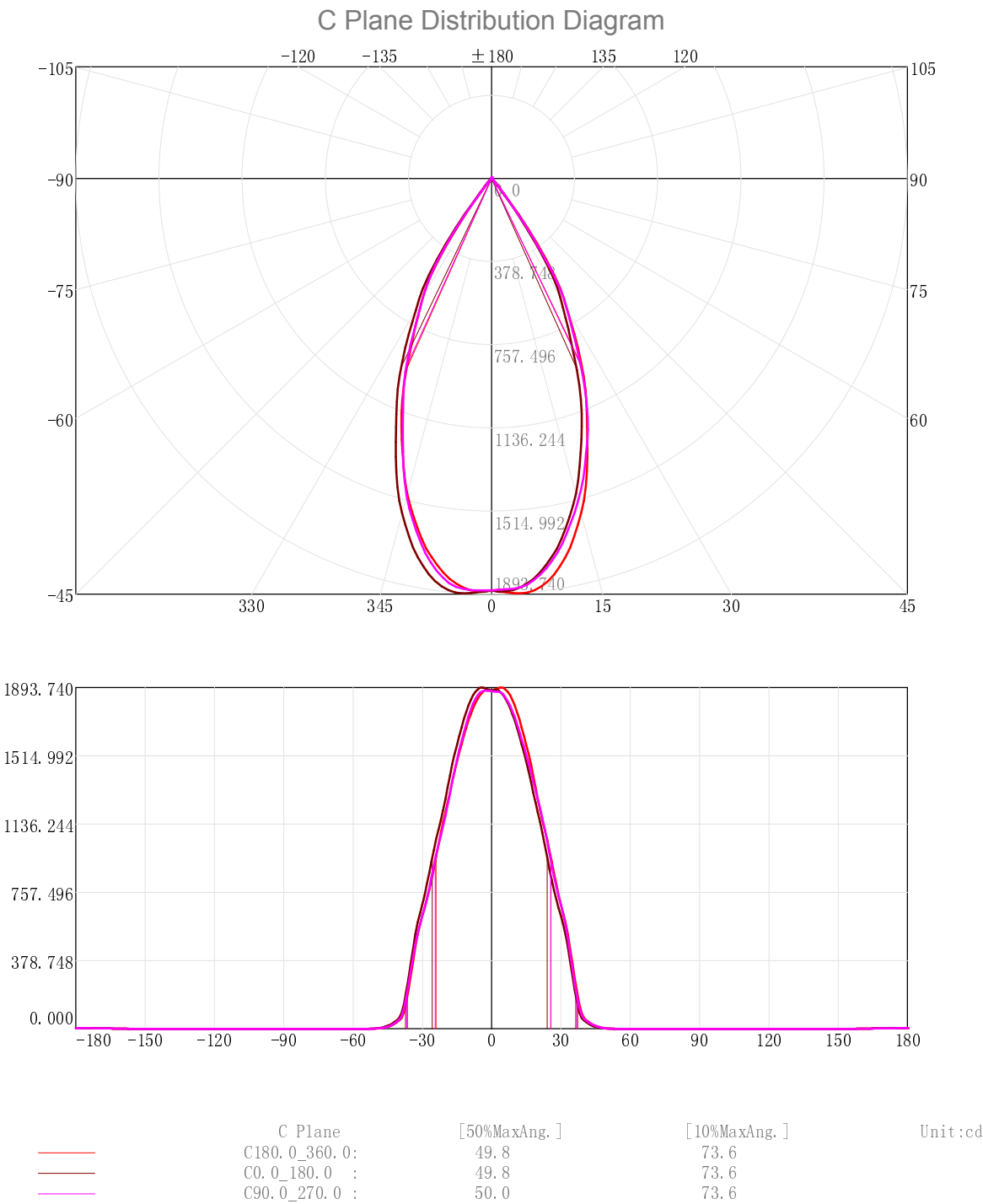
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1236.220	Luminary Flux(lm): 1236.221	Field Angle(10%Imax): 73.6(°)	
Rated Power(W): 12	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1235.061lm 99.91%	
Rated Voltage(V): 220	Luminary EER(lm/W): 105.841	Up Lumens&Percent: 1.159lm 0.09%	
Tested Power(W): 11.680	Max. Candela(cd): 1893.740	S/MH: C0_a180=0.782 C90_270=0.779	
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=4.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):230.8, 0.093, 0.539	Beam Angle(50%Imax): 49.8(°)	ErP Φ use(90°): 1235.208lm	
Lamp Size(W*L*H):0.050m*-0.050m*0.000m	Left=-24.1°, Right=25.7°	IRF(%): 319.969	



2D Plane Light Intensity Distribution Curve

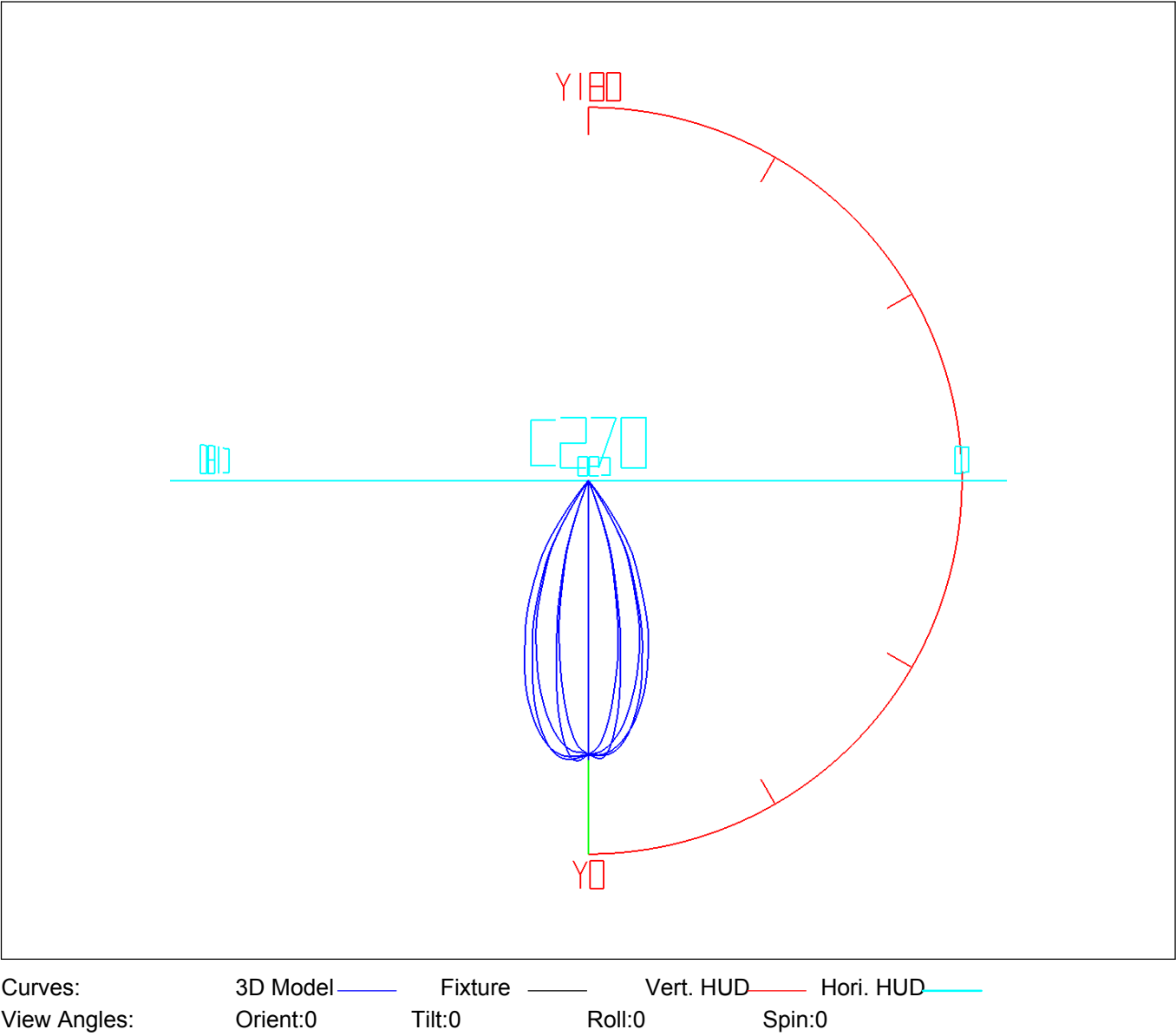
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/05/30



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: 2022/05/30

3D Light Intensity Distribution Modal



IES Indoor Report

Photometric Filename:UL-15W-COB-1500-AH-45度不帶蜂窝网-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	1.79	1.79	0.15	0.15	47.0-48.0	0.53	1233.93	0.04	99.82
1.0-2.0	5.38	7.18	0.44	0.58	48.0-49.0	0.38	1234.31	0.03	99.85
2.0-3.0	8.97	16.15	0.73	1.31	49.0-50.0	0.27	1234.59	0.02	99.87
3.0-4.0	12.55	28.70	1.02	2.32	50.0-51.0	0.20	1234.79	0.02	99.88
4.0-5.0	16.08	44.78	1.30	3.62	51.0-52.0	0.14	1234.93	0.01	99.90
5.0-6.0	19.52	64.30	1.58	5.20	52.0-53.0	0.09	1235.02	0.01	99.90
6.0-7.0	22.84	87.14	1.85	7.05	53.0-54.0	0.04	1235.05	0.00	99.91
7.0-8.0	26.00	113.15	2.10	9.15	54.0-55.0	0.01	1235.06	0.00	99.91
8.0-9.0	29.00	142.14	2.35	11.50	55.0-56.0	0.00	1235.06	0.00	99.91
9.0-10.0	31.79	173.93	2.57	14.07	56.0-57.0	0.00	1235.06	0.00	99.91
10.0-11.0	34.36	208.29	2.78	16.85	57.0-58.0	0.00	1235.06	0.00	99.91
11.0-12.0	36.68	244.97	2.97	19.82	58.0-59.0	0.00	1235.06	0.00	99.91
12.0-13.0	38.76	283.73	3.14	22.95	59.0-60.0	0.00	1235.06	0.00	99.91
13.0-14.0	40.62	324.35	3.29	26.24	60.0-61.0	0.00	1235.06	0.00	99.91
14.0-15.0	42.25	366.60	3.42	29.65	61.0-62.0	0.00	1235.06	0.00	99.91
15.0-16.0	43.61	410.21	3.53	33.18	62.0-63.0	0.00	1235.06	0.00	99.91
16.0-17.0	44.66	454.87	3.61	36.80	63.0-64.0	0.00	1235.06	0.00	99.91
17.0-18.0	45.39	500.26	3.67	40.47	64.0-65.0	0.00	1235.06	0.00	99.91
18.0-19.0	45.85	546.11	3.71	44.18	65.0-66.0	0.00	1235.06	0.00	99.91
19.0-20.0	46.13	592.24	3.73	47.91	66.0-67.0	0.00	1235.06	0.00	99.91
20.0-21.0	46.26	638.50	3.74	51.65	67.0-68.0	0.00	1235.06	0.00	99.91
21.0-22.0	46.19	684.69	3.74	55.39	68.0-69.0	0.00	1235.06	0.00	99.91
22.0-23.0	45.84	730.52	3.71	59.09	69.0-70.0	0.00	1235.06	0.00	99.91
23.0-24.0	45.15	775.67	3.65	62.75	70.0-71.0	0.00	1235.06	0.00	99.91
24.0-25.0	44.12	819.79	3.57	66.31	71.0-72.0	0.00	1235.06	0.00	99.91
25.0-26.0	42.80	862.59	3.46	69.78	72.0-73.0	0.00	1235.06	0.00	99.91
26.0-27.0	41.31	903.90	3.34	73.12	73.0-74.0	0.00	1235.06	0.00	99.91
27.0-28.0	39.78	943.68	3.22	76.34	74.0-75.0	0.00	1235.06	0.00	99.91
28.0-29.0	38.29	981.97	3.10	79.43	75.0-76.0	0.00	1235.06	0.00	99.91
29.0-30.0	36.82	1018.78	2.98	82.41	76.0-77.0	0.00	1235.06	0.00	99.91
30.0-31.0	35.32	1054.10	2.86	85.27	77.0-78.0	0.00	1235.06	0.00	99.91
31.0-32.0	33.43	1087.53	2.70	87.97	78.0-79.0	0.00	1235.06	0.00	99.91
32.0-33.0	30.67	1118.20	2.48	90.45	79.0-80.0	0.00	1235.06	0.00	99.91
33.0-34.0	26.99	1145.19	2.18	92.64	80.0-81.0	0.00	1235.06	0.00	99.91
34.0-35.0	22.72	1167.91	1.84	94.47	81.0-82.0	0.00	1235.06	0.00	99.91
35.0-36.0	18.19	1186.09	1.47	95.95	82.0-83.0	0.00	1235.06	0.00	99.91
36.0-37.0	13.70	1199.79	1.11	97.05	83.0-84.0	0.00	1235.06	0.00	99.91
37.0-38.0	9.61	1209.40	0.78	97.83	84.0-85.0	0.00	1235.06	0.00	99.91
38.0-39.0	6.39	1215.80	0.52	98.35	85.0-86.0	0.00	1235.06	0.00	99.91
39.0-40.0	4.39	1220.19	0.36	98.70	86.0-87.0	0.00	1235.06	0.00	99.91
40.0-41.0	3.40	1223.59	0.28	98.98	87.0-88.0	0.00	1235.06	0.00	99.91
41.0-42.0	2.79	1226.38	0.23	99.20	88.0-89.0	0.00	1235.06	0.00	99.91
42.0-43.0	2.23	1228.61	0.18	99.38	89.0-90.0	0.00	1235.06	0.00	99.91
43.0-44.0	1.73	1230.33	0.14	99.52	90.0-91.0	0.00	1235.06	0.00	99.91
44.0-45.0	1.32	1231.66	0.11	99.63	91.0-92.0	0.00	1235.06	0.00	99.91
45.0-46.0	1.00	1232.66	0.08	99.71	92.0-93.0	0.00	1235.06	0.00	99.91
46.0-47.0	0.74	1233.40	0.06	99.77	93.0-94.0	0.00	1235.06	0.00	99.91

IES Indoor Report

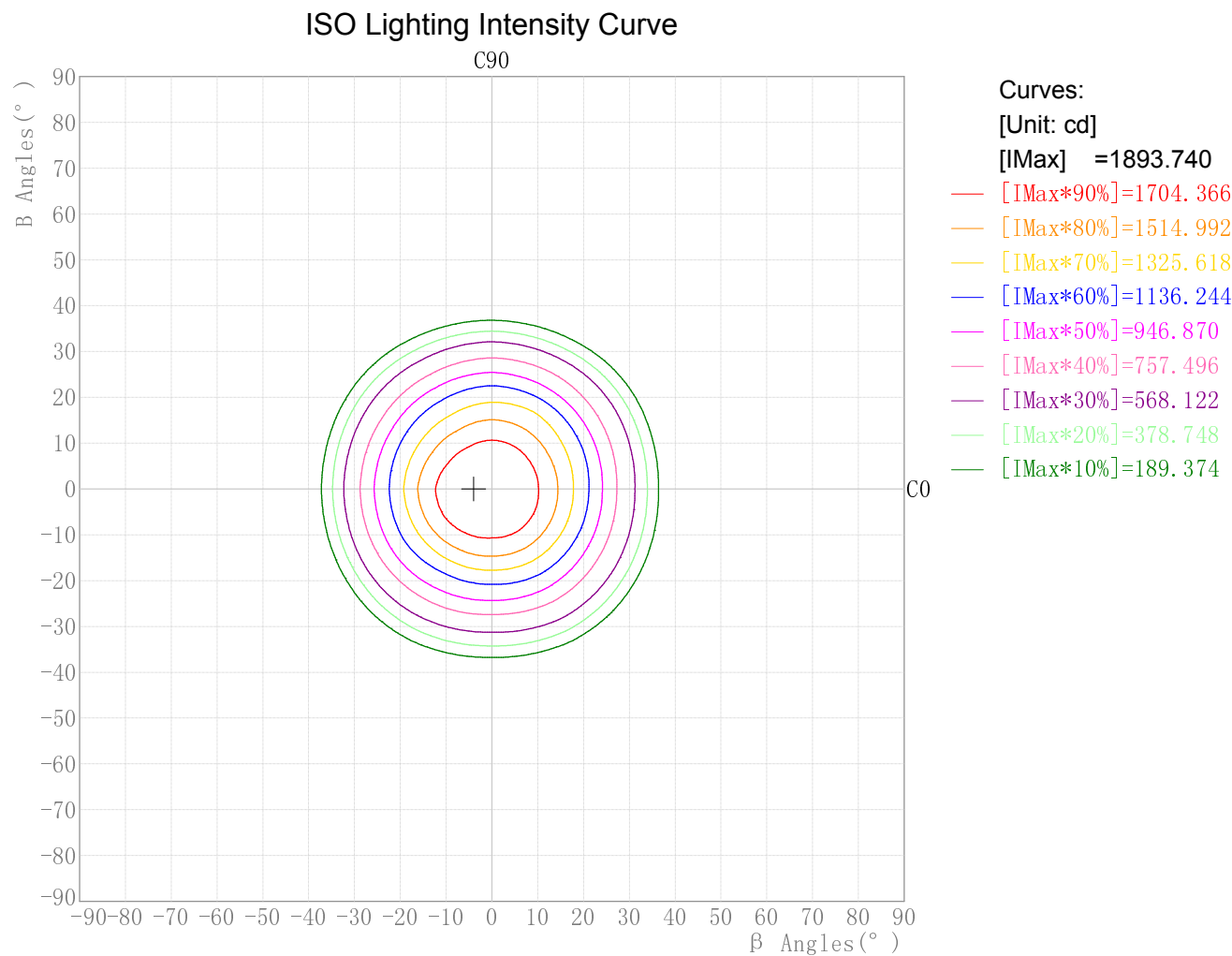
Photometric Filename:UL-15W-COB-1500-AH-45度不帶蜂窝网-3000K.IES

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	1235.06	0.00	99.91	141.0-142.0	0.00	1235.06	0.00	99.91
95.0-96.0	0.00	1235.06	0.00	99.91	142.0-143.0	0.00	1235.06	0.00	99.91
96.0-97.0	0.00	1235.06	0.00	99.91	143.0-144.0	0.00	1235.06	0.00	99.91
97.0-98.0	0.00	1235.06	0.00	99.91	144.0-145.0	0.00	1235.06	0.00	99.91
98.0-99.0	0.00	1235.06	0.00	99.91	145.0-146.0	0.00	1235.06	0.00	99.91
99.0-100.0	0.00	1235.06	0.00	99.91	146.0-147.0	0.00	1235.06	0.00	99.91
100.0-101.0	0.00	1235.06	0.00	99.91	147.0-148.0	0.00	1235.06	0.00	99.91
101.0-102.0	0.00	1235.06	0.00	99.91	148.0-149.0	0.00	1235.06	0.00	99.91
102.0-103.0	0.00	1235.06	0.00	99.91	149.0-150.0	0.00	1235.06	0.00	99.91
103.0-104.0	0.00	1235.06	0.00	99.91	150.0-151.0	0.00	1235.06	0.00	99.91
104.0-105.0	0.00	1235.06	0.00	99.91	151.0-152.0	0.00	1235.06	0.00	99.91
105.0-106.0	0.00	1235.06	0.00	99.91	152.0-153.0	0.00	1235.06	0.00	99.91
106.0-107.0	0.00	1235.06	0.00	99.91	153.0-154.0	0.00	1235.06	0.00	99.91
107.0-108.0	0.00	1235.06	0.00	99.91	154.0-155.0	0.01	1235.07	0.00	99.91
108.0-109.0	0.00	1235.06	0.00	99.91	155.0-156.0	0.01	1235.08	0.00	99.91
109.0-110.0	0.00	1235.06	0.00	99.91	156.0-157.0	0.02	1235.11	0.00	99.91
110.0-111.0	0.00	1235.06	0.00	99.91	157.0-158.0	0.03	1235.14	0.00	99.91
111.0-112.0	0.00	1235.06	0.00	99.91	158.0-159.0	0.04	1235.18	0.00	99.92
112.0-113.0	0.00	1235.06	0.00	99.91	159.0-160.0	0.05	1235.23	0.00	99.92
113.0-114.0	0.00	1235.06	0.00	99.91	160.0-161.0	0.05	1235.28	0.00	99.92
114.0-115.0	0.00	1235.06	0.00	99.91	161.0-162.0	0.06	1235.33	0.00	99.93
115.0-116.0	0.00	1235.06	0.00	99.91	162.0-163.0	0.06	1235.40	0.00	99.93
116.0-117.0	0.00	1235.06	0.00	99.91	163.0-164.0	0.06	1235.46	0.01	99.94
117.0-118.0	0.00	1235.06	0.00	99.91	164.0-165.0	0.07	1235.53	0.01	99.94
118.0-119.0	0.00	1235.06	0.00	99.91	165.0-166.0	0.07	1235.59	0.01	99.95
119.0-120.0	0.00	1235.06	0.00	99.91	166.0-167.0	0.07	1235.66	0.01	99.95
120.0-121.0	0.00	1235.06	0.00	99.91	167.0-168.0	0.07	1235.73	0.01	99.96
121.0-122.0	0.00	1235.06	0.00	99.91	168.0-169.0	0.07	1235.80	0.01	99.97
122.0-123.0	0.00	1235.06	0.00	99.91	169.0-170.0	0.06	1235.86	0.01	99.97
123.0-124.0	0.00	1235.06	0.00	99.91	170.0-171.0	0.06	1235.92	0.00	99.98
124.0-125.0	0.00	1235.06	0.00	99.91	171.0-172.0	0.06	1235.98	0.00	99.98
125.0-126.0	0.00	1235.06	0.00	99.91	172.0-173.0	0.05	1236.03	0.00	99.98
126.0-127.0	0.00	1235.06	0.00	99.91	173.0-174.0	0.05	1236.08	0.00	99.99
127.0-128.0	0.00	1235.06	0.00	99.91	174.0-175.0	0.04	1236.12	0.00	99.99
128.0-129.0	0.00	1235.06	0.00	99.91	175.0-176.0	0.03	1236.16	0.00	99.99
129.0-130.0	0.00	1235.06	0.00	99.91	176.0-177.0	0.03	1236.18	0.00	100.00
130.0-131.0	0.00	1235.06	0.00	99.91	177.0-178.0	0.02	1236.20	0.00	100.00
131.0-132.0	0.00	1235.06	0.00	99.91	178.0-179.0	0.01	1236.22	0.00	100.00
132.0-133.0	0.00	1235.06	0.00	99.91	179.0-180.0	0.00	1236.22	0.00	100.00
133.0-134.0	0.00	1235.06	0.00	99.91					
134.0-135.0	0.00	1235.06	0.00	99.91					
135.0-136.0	0.00	1235.06	0.00	99.91					
136.0-137.0	0.00	1235.06	0.00	99.91					
137.0-138.0	0.00	1235.06	0.00	99.91					
138.0-139.0	0.00	1235.06	0.00	99.91					
139.0-140.0	0.00	1235.06	0.00	99.91					
140.0-141.0	0.00	1235.06	0.00	99.91					

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: 2022/05/30

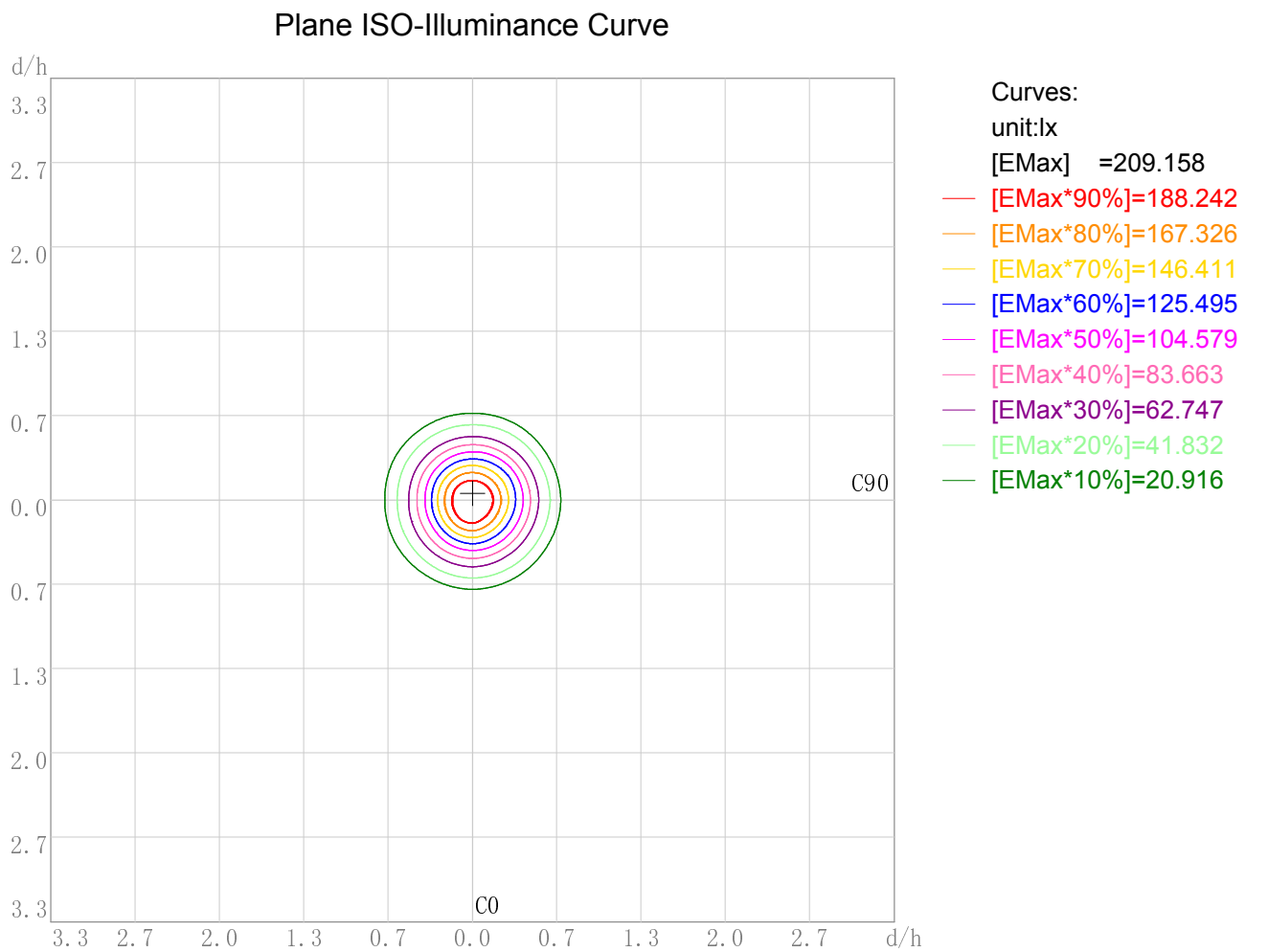


Maximum Light Intensity(cd): 1893.74

Maximum Cand.@Angle: H=-4.0°,V=0.0°

Plane ISO-Illuminance Diagram

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/05/30

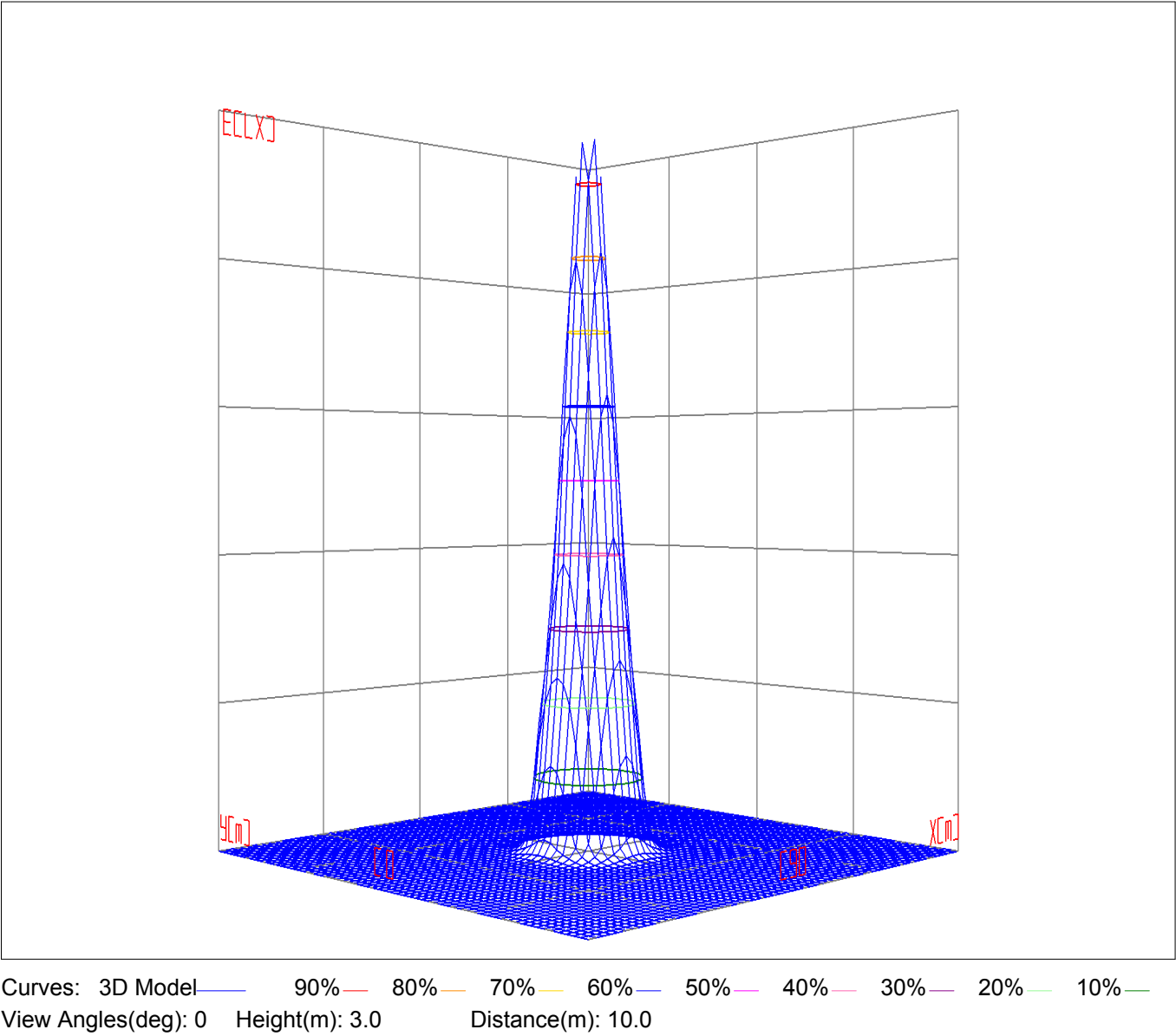


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 209.16
Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.1

3D Plane ISO Illuminance Diagram

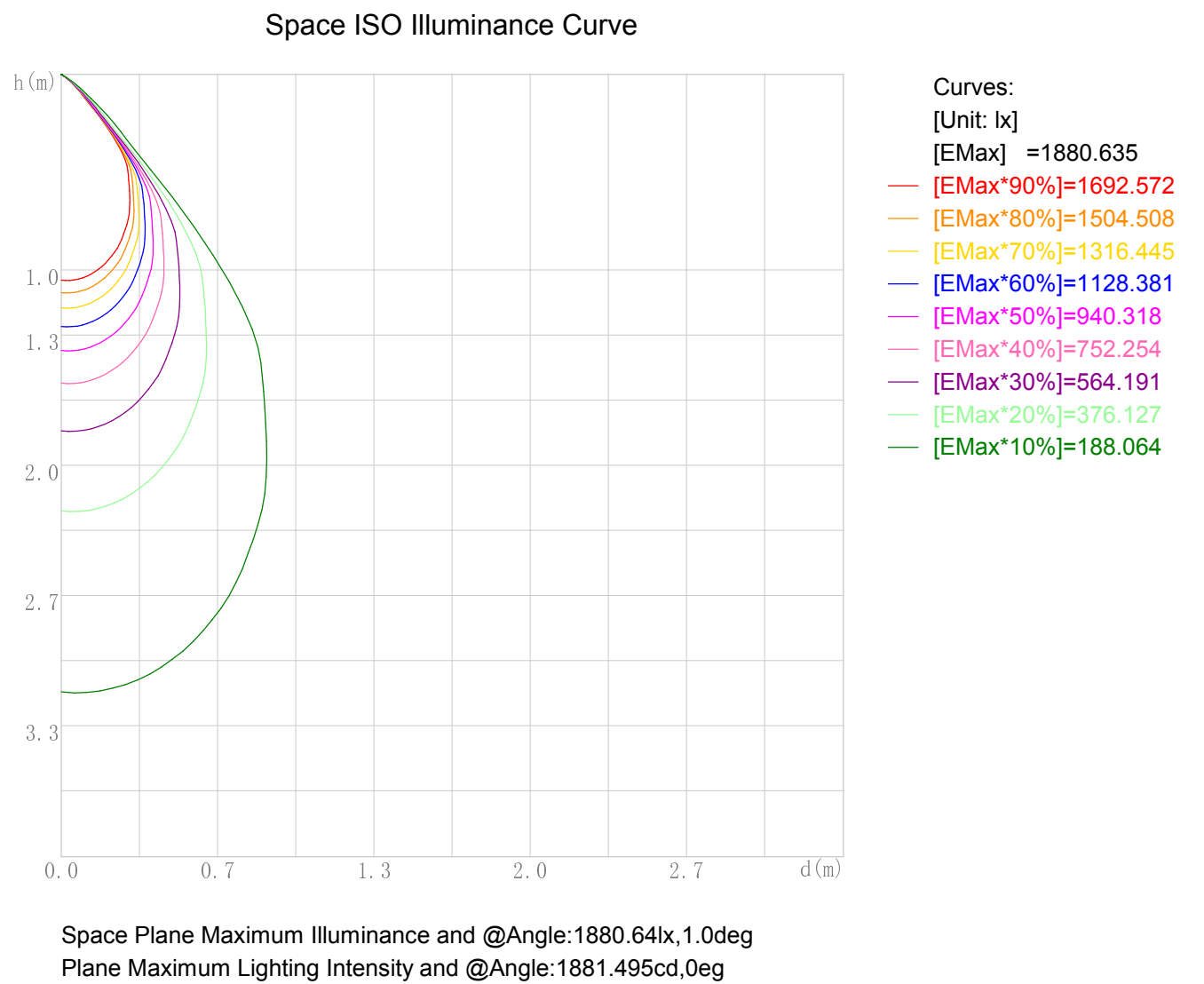
Lum. Name: 55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/05/30

3D Plane Illuminance Modal



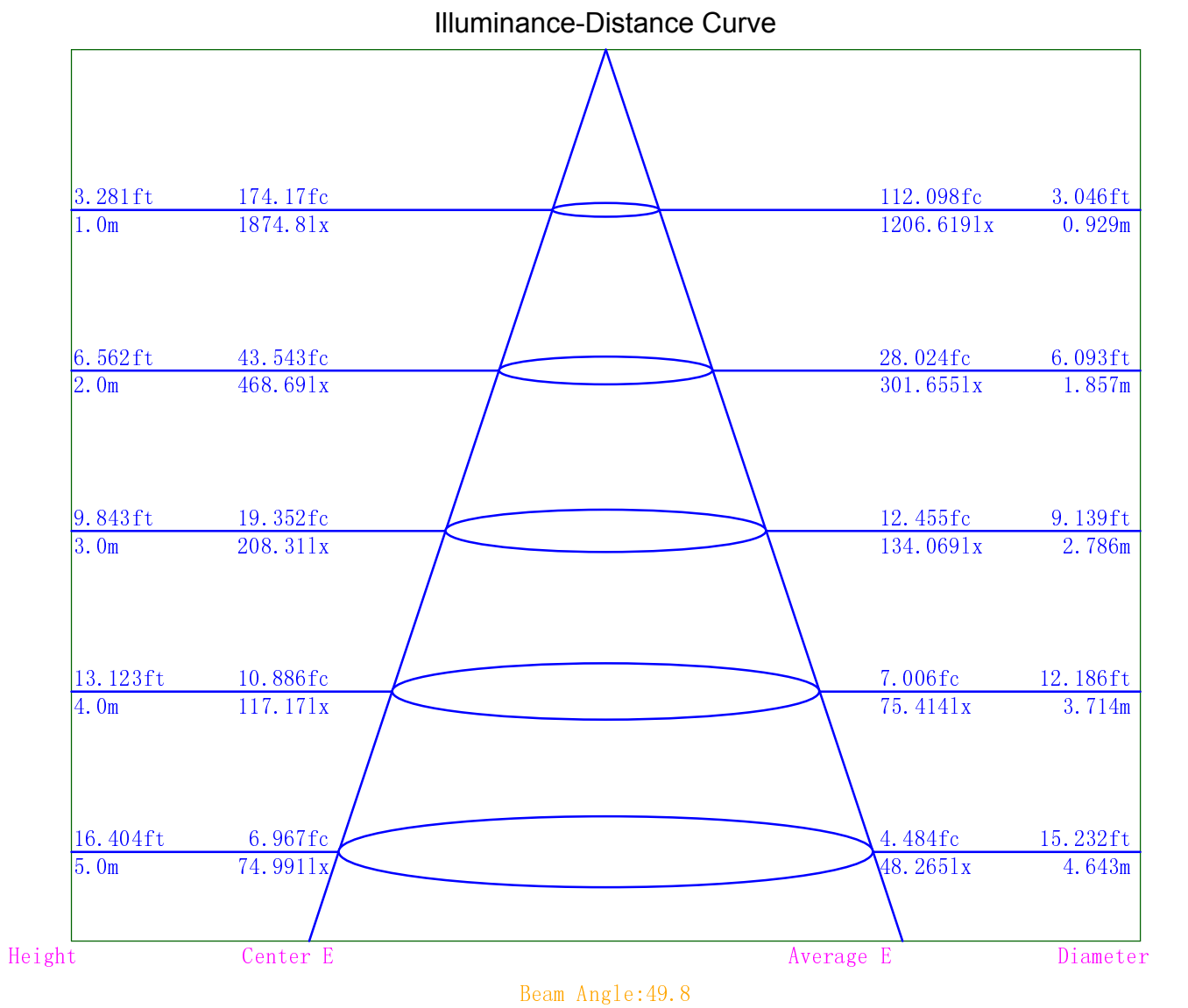
Space ISO Illuminance Diagram

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/05/30



Illuminance-Distance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/05/30



Indoor Luminance Limiting Curves

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/05/30

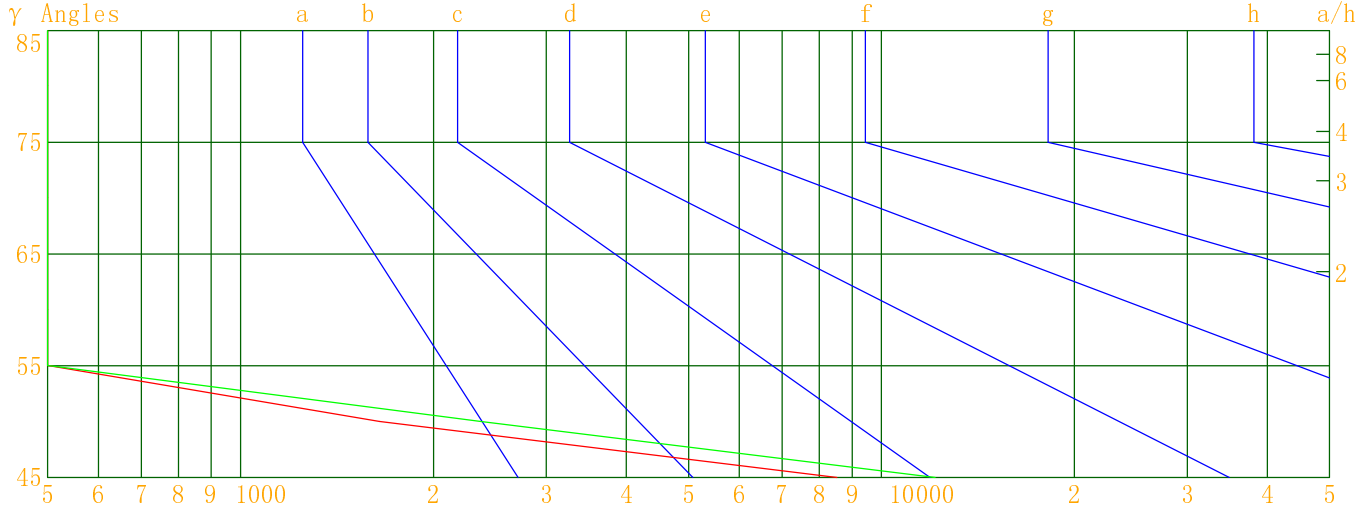
Glare Grade Table

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	8522	1647	0	0	0	0	0	0	0
C90	12131	2371	0	0	0	0	0	0	0

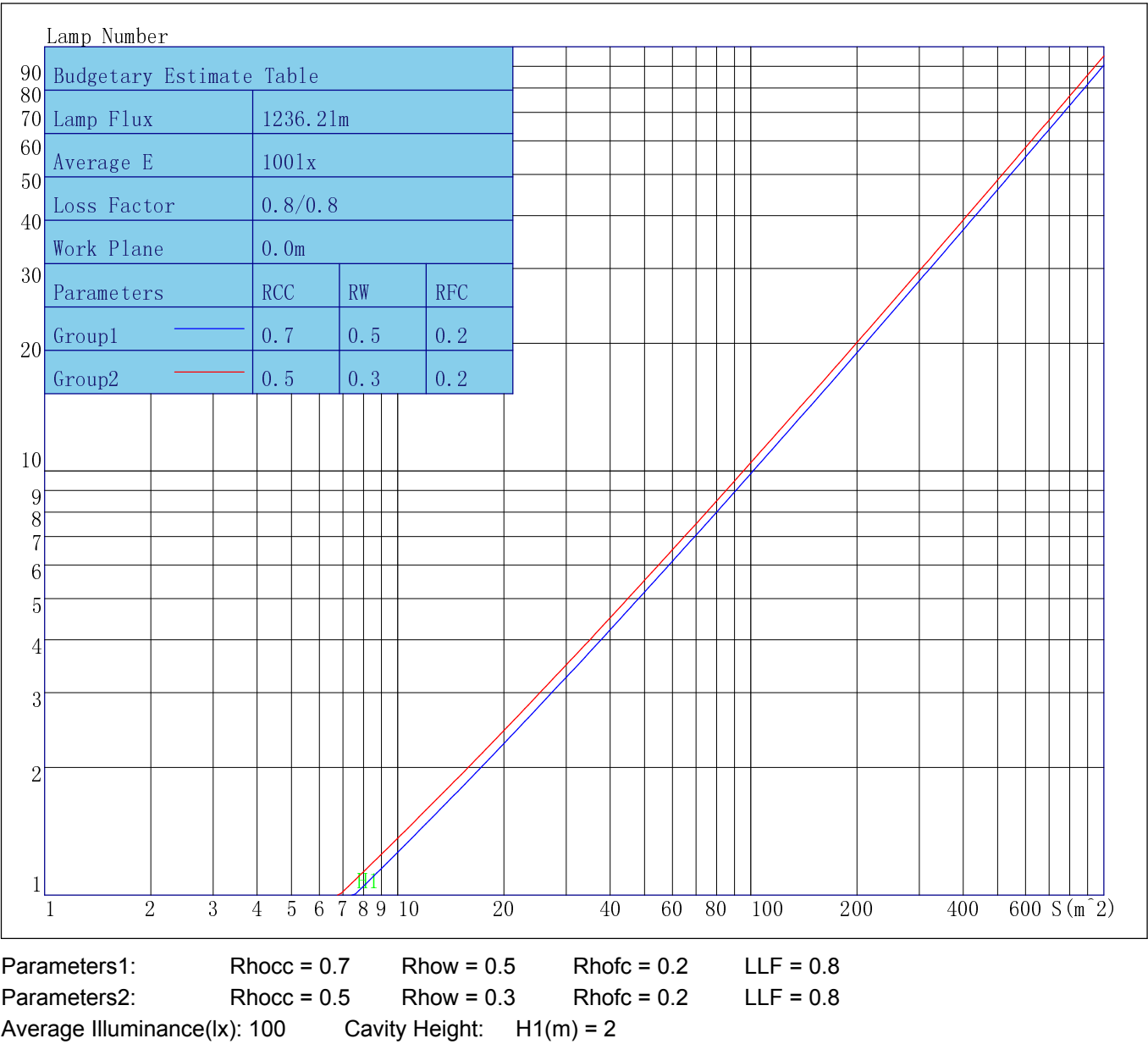
Luminance Limiting Curve



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

Indoor Budgetary Estimate Table

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/05/30



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: 2022/05/30

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	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89
3	104	98	94	90	102	97	93	90	94	91	88	92	89	87	90	88	85	84
4	100	93	88	84	98	92	87	84	90	86	83	88	84	82	86	83	81	79
5	95	88	82	79	94	87	82	78	85	81	77	83	80	77	82	79	76	75
6	91	83	78	74	90	82	77	73	81	76	73	79	75	72	78	75	72	71
7	87	79	73	69	86	78	73	69	77	72	69	76	72	69	75	71	68	67
8	83	75	69	66	82	74	69	65	73	69	65	72	68	65	71	67	65	63
9	80	71	66	62	79	71	66	62	70	65	62	69	65	62	68	64	61	60
10	77	68	62	59	76	67	62	59	67	62	59	66	62	59	65	61	58	57

Unified Glare Rating Table

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/05/30

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	21.1	22.0	21.5	22.3	22.6	21.5	22.3	21.8	22.7	23.0
	Y=3H	20.9	21.6	21.3	22.0	22.4	21.2	22.0	21.6	22.4	22.7
	Y=4H	20.8	21.5	21.2	21.8	22.2	21.1	21.8	21.5	22.2	22.6
	Y=6H	20.6	21.3	21.1	21.7	22.1	21.0	21.7	21.4	22.0	22.4
	Y=8H	20.6	21.2	21.0	21.6	22.0	21.0	21.6	21.4	22.0	22.4
	Y=12H	20.5	21.1	21.0	21.5	21.9	20.9	21.5	21.3	21.9	22.3
X=4H	Y=2H	20.8	21.5	21.2	21.8	22.2	21.1	21.8	21.5	22.2	22.6
	Y=3H	20.5	21.1	21.0	21.5	21.9	20.9	21.5	21.3	21.9	22.3
	Y=4H	20.4	20.9	20.8	21.3	21.8	20.8	21.3	21.2	21.7	22.2
	Y=6H	20.3	20.7	20.8	21.2	21.7	20.6	21.1	21.1	21.5	22.0
	Y=8H	20.2	20.6	20.7	21.1	21.5	20.6	21.0	21.1	21.4	21.9
	Y=12H	20.1	20.5	20.6	21.0	21.5	20.5	20.8	21.0	21.3	21.8
X=8H	Y=4H	20.2	20.6	20.7	21.1	21.5	20.6	21.0	21.1	21.4	21.9
	Y=6H	20.1	20.4	20.6	20.9	21.4	20.4	20.8	21.0	21.3	21.8
	Y=8H	20.0	20.3	20.5	20.8	21.3	20.4	20.6	20.9	21.2	21.7
	Y=12H	19.9	20.2	20.5	20.7	21.3	20.3	20.5	20.8	21.0	21.6
X=12H	Y=4H	20.1	20.5	20.6	21.0	21.5	20.5	20.8	21.0	21.3	21.8
	Y=6H	20.0	20.3	20.5	20.8	21.3	20.4	20.6	20.9	21.1	21.7
	Y=8H	19.9	20.2	20.5	20.7	21.3	20.3	20.5	20.8	21.0	21.6
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					0.0/0.0				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		0.0					0.0				

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

IES Indoor Report

Photometric Filename:UL-15W-COB-1500-AH-45度不帶蜂窝网-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	1874. 78	1874. 78	1874. 78	1874. 78	1874. 78	1874. 78	1874. 78	1874. 78	1874. 78	1874. 78	1874. 78	1874. 78
γ 1. 0	1881. 49	1876. 28	1873. 90	1871. 88	1871. 00	1869. 07	1882. 13	1880. 43	1876. 55	1875. 55	1872. 54	1868. 73
γ 2. 0	1880. 55	1875. 56	1873. 71	1871. 65	1871. 67	1871. 65	1885. 35	1883. 19	1880. 44	1876. 17	1872. 25	1867. 66
γ 3. 0	1877. 04	1873. 05	1872. 08	1870. 15	1871. 52	1875. 08	1890. 18	1888. 38	1884. 01	1876. 85	1871. 75	1867. 39
γ 4. 0	1866. 31	1863. 02	1867. 11	1866. 91	1868. 46	1875. 01	1893. 74	1889. 59	1882. 86	1872. 59	1868. 45	1862. 99
γ 5. 0	1852. 21	1849. 45	1855. 16	1856. 68	1856. 84	1866. 64	1892. 22	1887. 78	1877. 18	1866. 34	1862. 79	1853. 75
γ 6. 0	1831. 95	1830. 25	1835. 70	1838. 83	1839. 25	1853. 54	1883. 95	1880. 10	1865. 75	1851. 90	1850. 03	1837. 66
γ 7. 0	1808. 15	1805. 35	1812. 20	1818. 06	1816. 24	1832. 96	1870. 49	1865. 39	1845. 41	1830. 15	1830. 57	1818. 04
γ 8. 0	1777. 96	1779. 98	1784. 97	1792. 24	1787. 91	1808. 76	1850. 58	1845. 89	1820. 45	1803. 58	1804. 45	1792. 25
γ 9. 0	1745. 25	1748. 76	1755. 33	1762. 40	1759. 09	1778. 97	1824. 90	1819. 36	1787. 43	1771. 06	1773. 89	1760. 87
γ 10. 0	1711. 67	1711. 83	1721. 06	1729. 11	1723. 09	1744. 31	1792. 93	1784. 88	1752. 12	1733. 40	1736. 09	1726. 24
γ 11. 0	1670. 69	1669. 90	1683. 71	1691. 17	1682. 79	1707. 53	1757. 89	1746. 61	1712. 55	1689. 73	1696. 70	1685. 50
γ 12. 0	1625. 81	1627. 59	1641. 21	1649. 40	1640. 65	1668. 23	1718. 92	1703. 67	1665. 09	1643. 94	1649. 65	1639. 04
γ 13. 0	1579. 74	1579. 83	1596. 89	1607. 05	1595. 22	1621. 88	1672. 60	1657. 92	1616. 87	1596. 73	1602. 75	1591. 78
γ 14. 0	1533. 70	1532. 80	1552. 20	1566. 81	1548. 21	1575. 19	1624. 27	1608. 90	1567. 25	1549. 15	1554. 76	1544. 54
γ 15. 0	1484. 79	1485. 82	1509. 50	1521. 42	1503. 63	1527. 84	1575. 76	1557. 45	1514. 40	1495. 87	1502. 69	1494. 77
γ 16. 0	1428. 96	1435. 97	1465. 94	1475. 31	1453. 00	1476. 58	1526. 38	1500. 05	1456. 63	1435. 87	1446. 16	1442. 90
γ 17. 0	1371. 72	1383. 83	1422. 31	1428. 03	1402. 11	1422. 39	1468. 18	1438. 56	1391. 25	1372. 41	1386. 52	1384. 04
γ 18. 0	1311. 76	1333. 13	1378. 56	1374. 21	1346. 32	1363. 01	1405. 65	1372. 70	1326. 07	1306. 30	1324. 43	1320. 64
γ 19. 0	1256. 58	1281. 49	1328. 55	1321. 37	1294. 14	1305. 82	1340. 52	1305. 75	1261. 17	1242. 23	1262. 96	1257. 88
γ 20. 0	1200. 28	1231. 73	1273. 54	1275. 02	1247. 92	1252. 31	1275. 90	1245. 63	1199. 27	1181. 30	1203. 32	1201. 31
γ 21. 0	1146. 02	1176. 45	1214. 76	1223. 35	1199. 28	1202. 72	1212. 90	1189. 20	1136. 78	1123. 86	1149. 62	1147. 85
γ 22. 0	1086. 59	1114. 74	1151. 05	1168. 86	1144. 03	1148. 38	1158. 03	1140. 79	1084. 39	1072. 32	1096. 72	1091. 78
γ 23. 0	1021. 56	1049. 13	1082. 66	1107. 27	1085. 36	1090. 58	1103. 95	1087. 98	1034. 66	1020. 76	1041. 49	1030. 45
γ 24. 0	953. 96	981. 01	1012. 08	1041. 68	1022. 54	1029. 86	1050. 34	1031. 83	983. 87	966. 28	983. 68	967. 29
γ 25. 0	887. 41	912. 42	946. 25	975. 79	956. 62	964. 81	991. 01	970. 71	929. 21	905. 01	919. 02	900. 69
γ 26. 0	825. 51	851. 63	885. 14	908. 84	888. 75	895. 71	928. 19	906. 84	870. 92	843. 47	855. 36	836. 73
γ 27. 0	771. 03	795. 40	826. 31	846. 47	824. 57	829. 66	865. 43	842. 54	809. 21	778. 23	795. 55	780. 39
γ 28. 0	718. 09	743. 46	772. 61	788. 96	767. 27	772. 73	803. 45	778. 73	748. 96	722. 97	744. 63	729. 94
γ 29. 0	670. 14	692. 72	720. 46	736. 18	714. 11	720. 71	743. 26	725. 09	695. 14	672. 54	695. 56	682. 76
γ 30. 0	627. 38	648. 53	670. 01	686. 65	664. 00	671. 75	689. 02	674. 48	647. 74	627. 00	649. 67	638. 47
γ 31. 0	581. 39	604. 55	620. 01	638. 51	615. 21	625. 06	641. 91	627. 00	602. 00	580. 97	605. 40	594. 00
γ 32. 0	523. 69	546. 79	552. 25	576. 99	553. 58	569. 89	591. 49	571. 11	552. 28	529. 51	556. 68	541. 74
γ 33. 0	451. 75	472. 43	471. 92	500. 15	477. 43	499. 97	522. 74	498. 75	490. 98	470. 48	496. 58	471. 92
γ 34. 0	372. 83	391. 81	387. 22	416. 31	396. 47	419. 17	443. 40	418. 49	416. 77	398. 03	422. 85	393. 14
γ 35. 0	292. 03	311. 12	303. 61	330. 35	314. 36	337. 39	361. 20	336. 45	338. 31	320. 14	343. 89	313. 48
γ 36. 0	215. 46	232. 81	223. 47	248. 64	235. 94	256. 92	279. 73	256. 34	261. 25	243. 26	262. 91	235. 07
γ 37. 0	146. 48	160. 86	153. 77	176. 30	167. 47	183. 29	203. 46	182. 29	188. 89	172. 38	189. 38	163. 39
γ 38. 0	91. 29	102. 40	98. 77	116. 24	112. 24	122. 35	136. 69	120. 55	126. 65	112. 10	124. 50	104. 52
γ 39. 0	59. 67	66. 25	65. 87	75. 64	75. 25	79. 50	87. 08	77. 29	79. 82	69. 67	76. 55	66. 64
γ 40. 0	45. 85	49. 18	50. 90	54. 80	55. 74	56. 54	59. 54	54. 99	54. 34	48. 93	51. 58	48. 64
γ 41. 0	37. 16	40. 18	41. 55	44. 99	45. 49	46. 17	47. 97	45. 06	44. 03	40. 12	42. 31	39. 92
γ 42. 0	28. 66	31. 51	32. 95	35. 93	36. 24	36. 94	38. 64	35. 70	34. 89	31. 44	33. 66	31. 29
γ 43. 0	21. 43	23. 90	25. 63	28. 09	28. 29	28. 87	30. 15	27. 57	26. 51	23. 54	25. 64	23. 69
γ 44. 0	15. 67	17. 88	19. 56	21. 92	21. 87	22. 08	22. 97	20. 68	19. 47	17. 18	19. 09	17. 47
γ 45. 0	11. 83	13. 77	14. 97	16. 84	16. 64	16. 79	17. 25	15. 17	14. 13	12. 70	14. 00	12. 84
γ 46. 0	8. 54	9. 68	10. 57	12. 45	12. 16	12. 29	12. 96	11. 09	10. 73	9. 73	10. 69	9. 36

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	6. 06	6. 97	7. 45	8. 75	8. 65	8. 75	9. 21	8. 00	7. 88	7. 00	7. 74	6. 72
γ 48. 0	4. 19	4. 79	5. 29	6. 14	6. 08	6. 20	6. 49	5. 64	5. 51	5. 06	5. 56	4. 70
γ 49. 0	2. 89	3. 24	3. 44	4. 16	4. 33	4. 33	4. 43	3. 92	3. 97	3. 69	4. 02	3. 24
γ 50. 0	2. 08	2. 38	2. 44	2. 99	3. 11	3. 08	3. 20	2. 89	3. 11	2. 77	3. 14	2. 26
γ 51. 0	1. 46	1. 73	1. 60	2. 16	2. 25	2. 22	2. 20	2. 08	2. 32	1. 88	2. 24	1. 58
γ 52. 0	0. 82	1. 05	1. 08	1. 42	1. 61	1. 49	1. 59	1. 38	1. 58	1. 41	1. 52	0. 94
γ 53. 0	0. 23	0. 48	0. 51	0. 78	0. 75	0. 84	0. 94	0. 68	0. 78	0. 60	0. 92	0. 26
γ 54. 0	0. 00	0. 04	0. 00	0. 26	0. 25	0. 26	0. 26	0. 12	0. 36	0. 14	0. 36	0. 00
γ 55. 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 56. 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 57. 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 58. 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 59. 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 60. 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 61. 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 62. 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 63. 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 64. 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 65. 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 66. 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 67. 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 68. 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 69. 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 70. 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 71. 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 72. 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 73. 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 74. 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 75. 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 76. 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 77. 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 78. 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 79. 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 80. 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 81. 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 82. 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 83. 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 84. 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 85. 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 86. 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 87. 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 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

Photometric Filename:UL-15W-COB-1500-AH-45度不帶蜂窩網-3000K.IES

Candela Tabulation - (Cont.)

[illegible]

IES Indoor Report

Photometric Filename:UL-15W-COB-1500-AH-45度不帶蜂窝网-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	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00
γ 148.0	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 149.0	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 150.0	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 151.0	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 152.0	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 153.0	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 154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.10	0.14	0.22	0.12	0.25
γ 155.0	0.32	0.25	0.00	0.00	0.01	0.04	0.28	0.29	0.29	0.36	0.31	0.41
γ 156.0	0.51	0.44	0.28	0.24	0.19	0.24	0.41	0.50	0.55	0.61	0.57	0.64
γ 157.0	0.67	0.64	0.49	0.35	0.47	0.48	0.70	0.76	0.87	0.78	0.79	0.84
γ 158.0	1.06	0.89	0.75	0.66	0.72	0.68	0.98	0.86	1.10	1.04	1.03	0.94
γ 159.0	1.10	1.16	0.87	0.79	0.84	0.88	1.18	1.09	1.21	1.25	1.24	1.26
γ 160.0	1.39	1.31	1.09	1.09	1.06	1.10	1.38	1.38	1.40	1.47	1.43	1.45
γ 161.0	1.59	1.59	1.31	1.39	1.34	1.30	1.51	1.63	1.66	1.59	1.68	1.76
γ 162.0	1.77	1.83	1.57	1.55	1.50	1.51	1.86	1.78	1.89	1.85	1.98	1.86
γ 163.0	2.05	1.99	1.80	1.75	1.80	1.77	2.04	2.00	2.11	2.13	2.15	2.09
γ 164.0	2.14	2.23	1.98	1.86	2.06	1.98	2.21	2.17	2.25	2.37	2.36	2.28
γ 165.0	2.49	2.35	2.16	2.10	2.21	2.13	2.42	2.42	2.50	2.58	2.57	2.54
γ 166.0	2.67	2.53	2.41	2.26	2.45	2.21	2.67	2.57	2.65	2.70	2.73	2.74
γ 167.0	2.82	2.79	2.59	2.56	2.56	2.65	2.86	2.79	2.89	2.90	2.83	2.96
γ 168.0	3.01	2.93	2.75	2.68	2.69	2.84	3.00	2.99	3.12	3.14	3.05	3.11
γ 169.0	3.12	3.17	3.04	2.83	3.02	2.95	3.20	3.15	3.28	3.18	3.26	3.29
γ 170.0	3.26	3.27	3.12	3.03	3.13	3.19	3.37	3.41	3.49	3.55	3.40	3.33
γ 171.0	3.53	3.46	3.27	3.17	3.37	3.44	3.59	3.49	3.58	3.60	3.67	3.69
γ 172.0	3.65	3.57	3.52	3.38	3.43	3.49	3.82	3.61	3.65	3.63	3.82	3.83
γ 173.0	3.79	3.80	3.63	3.46	3.65	3.77	3.78	3.77	3.83	3.86	3.90	4.01
γ 174.0	3.90	3.84	3.67	3.70	3.75	3.93	3.99	3.90	3.96	3.96	4.06	4.09
γ 175.0	4.07	4.03	3.82	3.75	3.91	3.97	4.10	4.01	4.17	4.03	4.12	4.08
γ 176.0	4.02	4.11	3.91	4.04	4.00	4.13	4.30	4.12	4.19	4.15	4.27	4.27
γ 177.0	4.15	4.13	4.07	4.09	4.12	4.34	4.31	4.10	4.20	4.24	4.29	4.28
γ 178.0	4.26	4.27	4.03	4.06	4.28	4.39	4.31	4.25	4.27	4.19	4.26	4.45
γ 179.0	4.42	4.26	4.06	4.20	4.30	4.33	4.39	4.21	4.32	4.28	4.40	4.41
γ 180.0	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31