

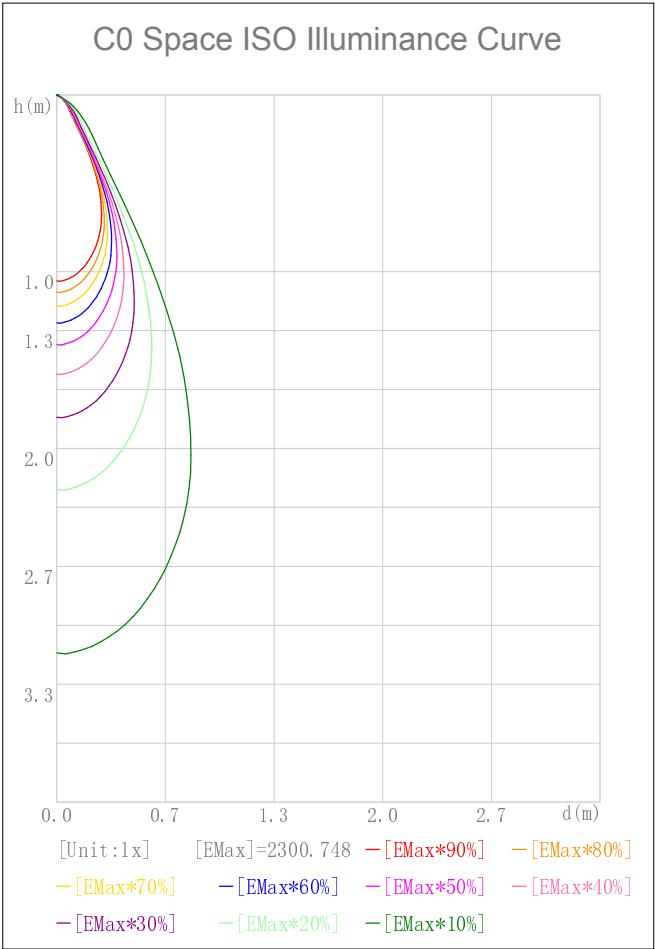
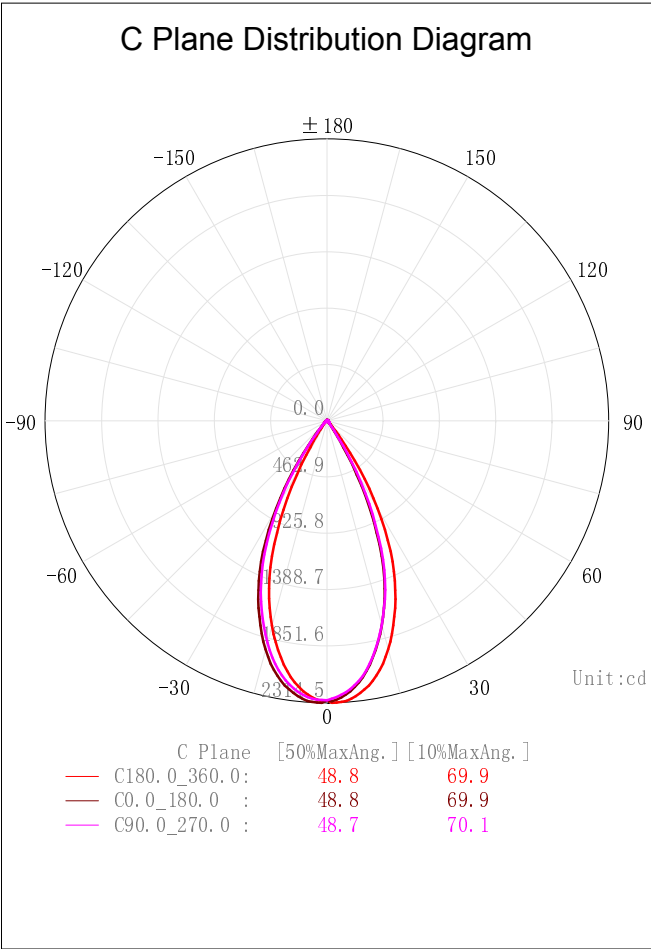
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 55252		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2025/04/14
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency (Hz):	Lamp CCT(K): 4000 Ra: 81.6
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

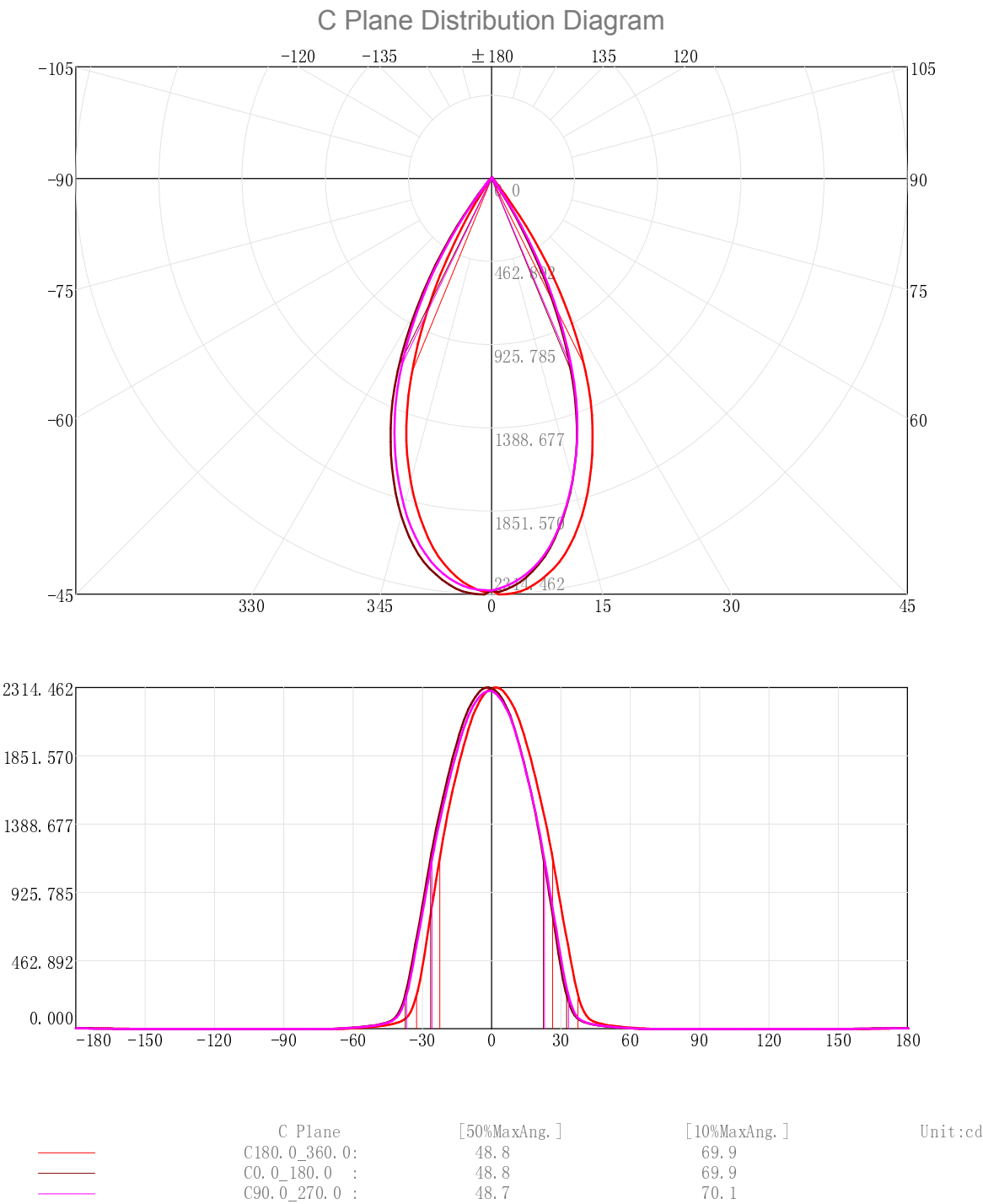
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1416.120	Luminary Flux(lm): 1416.122	Field Angle(10%Imax): 69.9(°)	
Rated Power(W): 18	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1415.250lm 99.94%	
Rated Voltage(V): 220	Luminary EER(lm/W): 80.645	Up Lumens&Percent: 0.872lm 0.06%	
Tested Power(W): 17.560	Max. Candela(cd): 2314.462	S/MH: C0_a180=0.779 C90_270=0.770	
Lamps' Inside: 1	Max Cand@Ang.(°): C=180.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):229.6, 0.083, 0.921	Beam Angle(50%Imax): 48.8(°)	ErP Φ use(90°): 1391.429lm	
Lamp Size(W*L*H):0.050m*-0.050m*0.000m	Left=-22.4°, Right=26.4°	IRF(%): 346.148	



2D Plane Light Intensity Distribution Curve

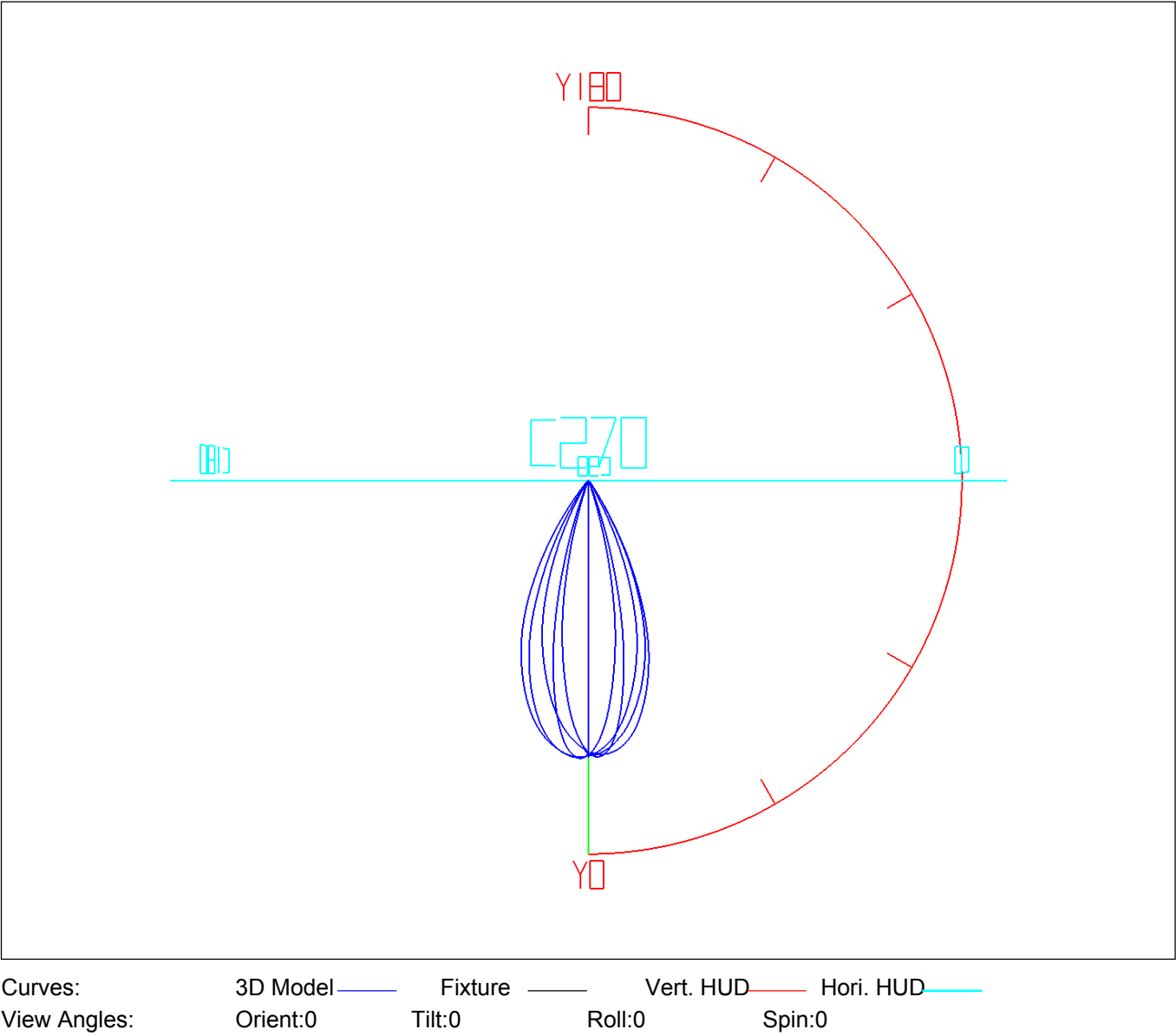
Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2025/04/14



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: 2025/04/14

3D Light Intensity Distribution Modal



Photometric Filename:UL-18W-COB-1800-FH(N)-35D-4000K.IES

Zone(γ)	Zone Flux (1m)	Sums Flux (1m)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (1m)	Sums Flux (1m)	Zone%Lamp	Sums%Lamp
0.0-1.0	2.19	2.19	0.15	0.15	47.0-48.0	2.20	1397.83	0.16	98.71
1.0-2.0	6.56	8.75	0.46	0.62	48.0-49.0	2.02	1399.85	0.14	98.85
2.0-3.0	10.89	19.64	0.77	1.39	49.0-50.0	1.85	1401.70	0.13	98.98
3.0-4.0	15.15	34.79	1.07	2.46	50.0-51.0	1.70	1403.40	0.12	99.10
4.0-5.0	19.33	54.12	1.37	3.82	51.0-52.0	1.55	1404.95	0.11	99.21
5.0-6.0	23.39	77.51	1.65	5.47	52.0-53.0	1.42	1406.37	0.10	99.31
6.0-7.0	27.32	104.83	1.93	7.40	53.0-54.0	1.29	1407.66	0.09	99.40
7.0-8.0	31.08	135.90	2.19	9.60	54.0-55.0	1.17	1408.83	0.08	99.48
8.0-9.0	34.65	170.55	2.45	12.04	55.0-56.0	1.05	1409.87	0.07	99.56
9.0-10.0	37.99	208.54	2.68	14.73	56.0-57.0	0.94	1410.81	0.07	99.63
10.0-11.0	41.09	249.63	2.90	17.63	57.0-58.0	0.83	1411.64	0.06	99.68
11.0-12.0	43.93	293.56	3.10	20.73	58.0-59.0	0.73	1412.37	0.05	99.74
12.0-13.0	46.50	340.06	3.28	24.01	59.0-60.0	0.63	1413.01	0.04	99.78
13.0-14.0	48.78	388.85	3.44	27.46	60.0-61.0	0.54	1413.55	0.04	99.82
14.0-15.0	50.76	439.61	3.58	31.04	61.0-62.0	0.46	1414.01	0.03	99.85
15.0-16.0	52.44	492.05	3.70	34.75	62.0-63.0	0.38	1414.39	0.03	99.88
16.0-17.0	53.81	545.86	3.80	38.55	63.0-64.0	0.30	1414.68	0.02	99.90
17.0-18.0	54.88	600.74	3.88	42.42	64.0-65.0	0.22	1414.91	0.02	99.91
18.0-19.0	55.59	656.33	3.93	46.35	65.0-66.0	0.15	1415.06	0.01	99.93
19.0-20.0	55.94	712.26	3.95	50.30	66.0-67.0	0.10	1415.16	0.01	99.93
20.0-21.0	55.90	768.16	3.95	54.24	67.0-68.0	0.06	1415.22	0.00	99.94
21.0-22.0	55.43	823.60	3.91	58.16	68.0-69.0	0.03	1415.24	0.00	99.94
22.0-23.0	54.53	878.12	3.85	62.01	69.0-70.0	0.01	1415.25	0.00	99.94
23.0-24.0	53.17	931.30	3.75	65.76	70.0-71.0	0.00	1415.25	0.00	99.94
24.0-25.0	51.39	982.68	3.63	69.39	71.0-72.0	0.00	1415.25	0.00	99.94
25.0-26.0	49.18	1031.86	3.47	72.87	72.0-73.0	0.00	1415.25	0.00	99.94
26.0-27.0	46.57	1078.43	3.29	76.15	73.0-74.0	0.00	1415.25	0.00	99.94
27.0-28.0	43.57	1122.00	3.08	79.23	74.0-75.0	0.00	1415.25	0.00	99.94
28.0-29.0	40.20	1162.20	2.84	82.07	75.0-76.0	0.00	1415.25	0.00	99.94
29.0-30.0	36.53	1198.73	2.58	84.65	76.0-77.0	0.00	1415.25	0.00	99.94
30.0-31.0	32.67	1231.40	2.31	86.96	77.0-78.0	0.00	1415.25	0.00	99.94
31.0-32.0	28.75	1260.15	2.03	88.99	78.0-79.0	0.00	1415.25	0.00	99.94
32.0-33.0	24.85	1285.00	1.75	90.74	79.0-80.0	0.00	1415.25	0.00	99.94
33.0-34.0	21.05	1306.05	1.49	92.23	80.0-81.0	0.00	1415.25	0.00	99.94
34.0-35.0	17.47	1323.53	1.23	93.46	81.0-82.0	0.00	1415.25	0.00	99.94
35.0-36.0	14.26	1337.78	1.01	94.47	82.0-83.0	0.00	1415.25	0	

IES Indoor Report

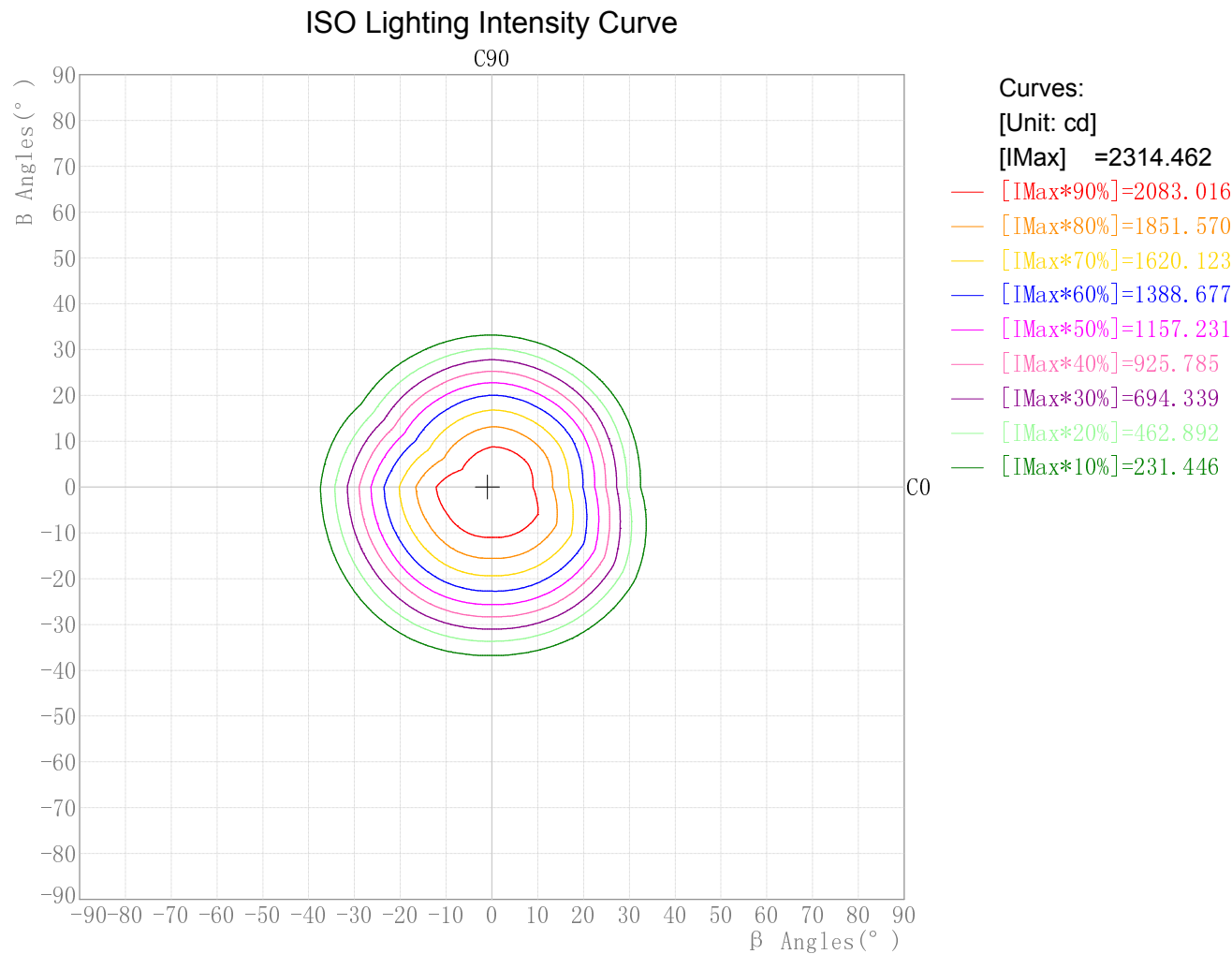
Photometric Filename:UL-18W-COB-1800-FH(N)-35D-4000K.IES

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	1415.25	0.00	99.94	141.0-142.0	0.00	1415.25	0.00	99.94
95.0-96.0	0.00	1415.25	0.00	99.94	142.0-143.0	0.00	1415.25	0.00	99.94
96.0-97.0	0.00	1415.25	0.00	99.94	143.0-144.0	0.00	1415.25	0.00	99.94
97.0-98.0	0.00	1415.25	0.00	99.94	144.0-145.0	0.00	1415.25	0.00	99.94
98.0-99.0	0.00	1415.25	0.00	99.94	145.0-146.0	0.00	1415.25	0.00	99.94
99.0-100.0	0.00	1415.25	0.00	99.94	146.0-147.0	0.00	1415.25	0.00	99.94
100.0-101.0	0.00	1415.25	0.00	99.94	147.0-148.0	0.00	1415.25	0.00	99.94
101.0-102.0	0.00	1415.25	0.00	99.94	148.0-149.0	0.00	1415.25	0.00	99.94
102.0-103.0	0.00	1415.25	0.00	99.94	149.0-150.0	0.00	1415.25	0.00	99.94
103.0-104.0	0.00	1415.25	0.00	99.94	150.0-151.0	0.00	1415.25	0.00	99.94
104.0-105.0	0.00	1415.25	0.00	99.94	151.0-152.0	0.00	1415.25	0.00	99.94
105.0-106.0	0.00	1415.25	0.00	99.94	152.0-153.0	0.00	1415.25	0.00	99.94
106.0-107.0	0.00	1415.25	0.00	99.94	153.0-154.0	0.00	1415.25	0.00	99.94
107.0-108.0	0.00	1415.25	0.00	99.94	154.0-155.0	0.00	1415.26	0.00	99.94
108.0-109.0	0.00	1415.25	0.00	99.94	155.0-156.0	0.01	1415.27	0.00	99.94
109.0-110.0	0.00	1415.25	0.00	99.94	156.0-157.0	0.02	1415.28	0.00	99.94
110.0-111.0	0.00	1415.25	0.00	99.94	157.0-158.0	0.02	1415.30	0.00	99.94
111.0-112.0	0.00	1415.25	0.00	99.94	158.0-159.0	0.02	1415.32	0.00	99.94
112.0-113.0	0.00	1415.25	0.00	99.94	159.0-160.0	0.03	1415.35	0.00	99.95
113.0-114.0	0.00	1415.25	0.00	99.94	160.0-161.0	0.03	1415.38	0.00	99.95
114.0-115.0	0.00	1415.25	0.00	99.94	161.0-162.0	0.04	1415.42	0.00	99.95
115.0-116.0	0.00	1415.25	0.00	99.94	162.0-163.0	0.04	1415.46	0.00	99.95
116.0-117.0	0.00	1415.25	0.00	99.94	163.0-164.0	0.05	1415.51	0.00	99.96
117.0-118.0	0.00	1415.25	0.00	99.94	164.0-165.0	0.05	1415.56	0.00	99.96
118.0-119.0	0.00	1415.25	0.00	99.94	165.0-166.0	0.05	1415.61	0.00	99.96
119.0-120.0	0.00	1415.25	0.00	99.94	166.0-167.0	0.05	1415.67	0.00	99.97
120.0-121.0	0.00	1415.25	0.00	99.94	167.0-168.0	0.05	1415.72	0.00	99.97
121.0-122.0	0.00	1415.25	0.00	99.94	168.0-169.0	0.05	1415.77	0.00	99.98
122.0-123.0	0.00	1415.25	0.00	99.94	169.0-170.0	0.05	1415.83	0.00	99.98
123.0-124.0	0.00	1415.25	0.00	99.94	170.0-171.0	0.05	1415.88	0.00	99.98
124.0-125.0	0.00	1415.25	0.00	99.94	171.0-172.0	0.05	1415.92	0.00	99.99
125.0-126.0	0.00	1415.25	0.00	99.94	172.0-173.0	0.04	1415.97	0.00	99.99
126.0-127.0	0.00	1415.25	0.00	99.94	173.0-174.0	0.04	1416.00	0.00	99.99
127.0-128.0	0.00	1415.25	0.00	99.94	174.0-175.0	0.03	1416.04	0.00	99.99
128.0-129.0	0.00	1415.25	0.00	99.94	175.0-176.0	0.03	1416.07	0.00	100.00
129.0-130.0	0.00	1415.25	0.00	99.94	176.0-177.0	0.02	1416.09	0.00	100.00
130.0-131.0	0.00	1415.25	0.00	99.94	177.0-178.0	0.02	1416.11	0.00	100.00
131.0-132.0	0.00	1415.25	0.00	99.94	178.0-179.0	0.01	1416.12	0.00	100.00
132.0-133.0	0.00	1415.25	0.00	99.94	179.0-180.0	0.00	1416.12	0.00	100.00
133.0-134.0	0.00	1415.25	0.00	99.94					
134.0-135.0	0.00	1415.25	0.00	99.94					
135.0-136.0	0.00	1415.25	0.00	99.94					
136.0-137.0	0.00	1415.25	0.00	99.94					
137.0-138.0	0.00	1415.25	0.00	99.94					
138.0-139.0	0.00	1415.25	0.00	99.94					
139.0-140.0	0.00	1415.25	0.00	99.94					
140.0-141.0	0.00	1415.25	0.00	99.94					

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: 2025/04/14

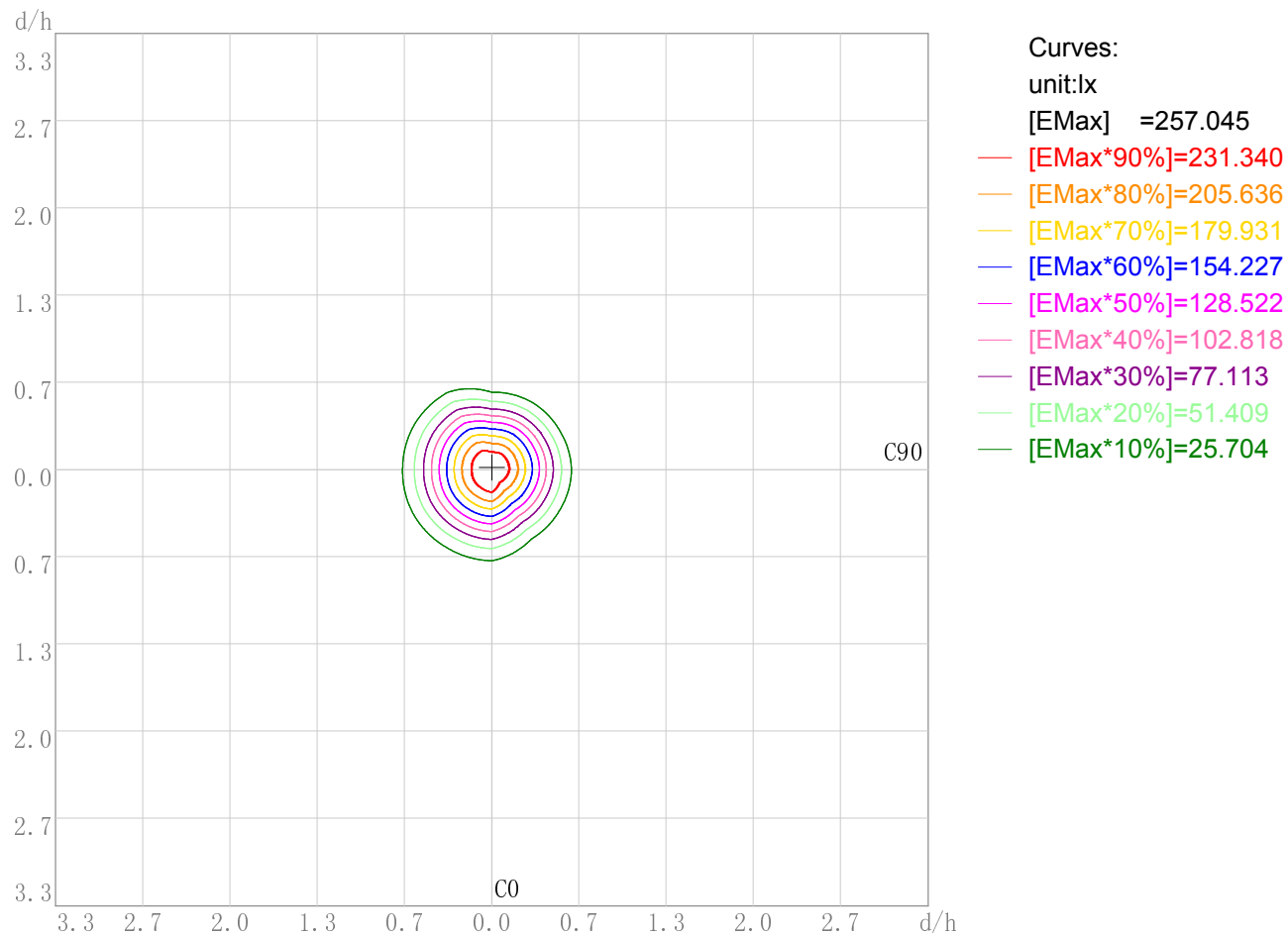


Maximum Light Intensity(cd): 2314.46
Maximum Cand.@Angle: H=-1.0°,V=0.0°

Plane ISO-Illuminance Diagram

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2025/04/14

Plane ISO-Illuminance Curve

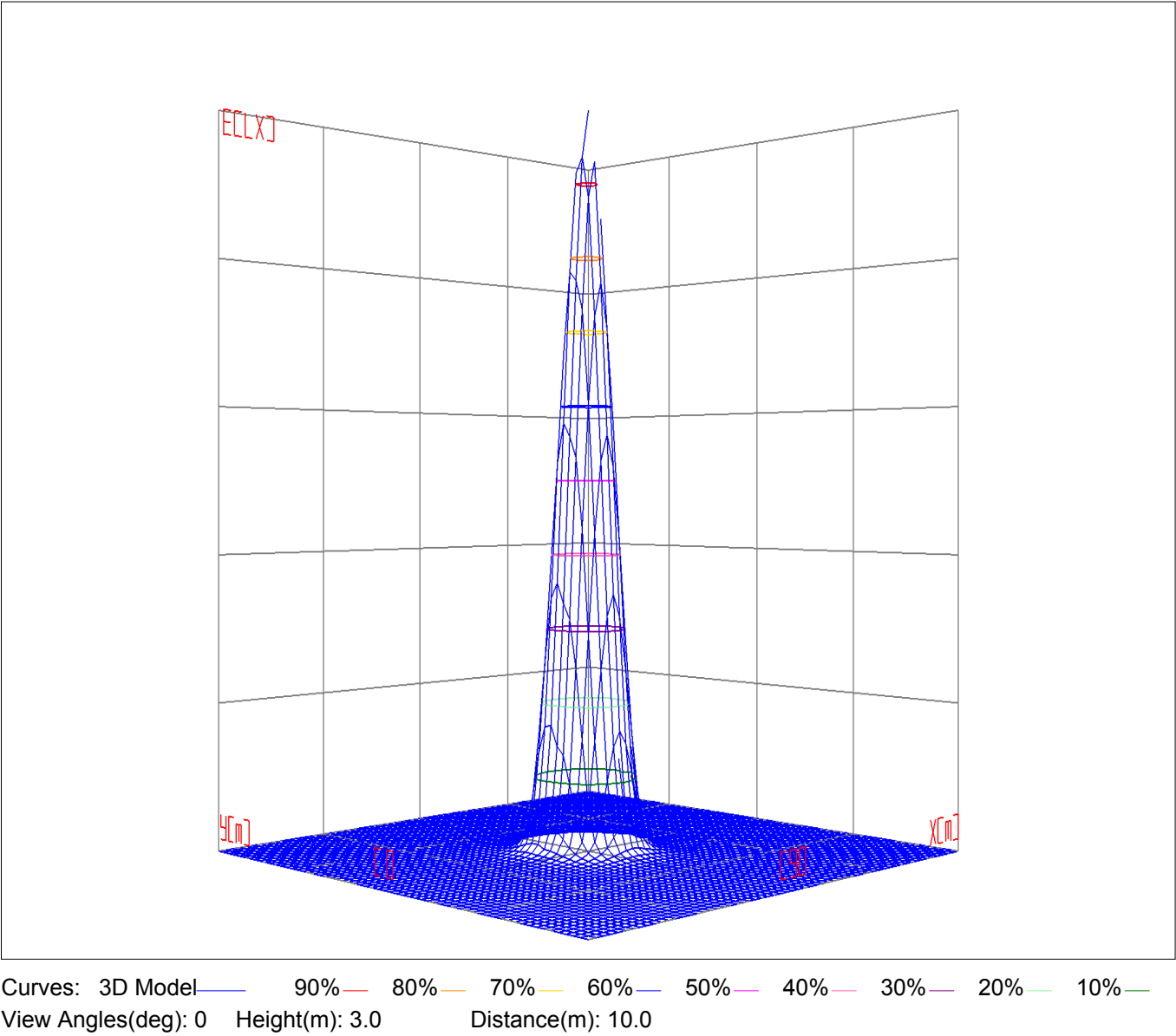


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 257.04
Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

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: 2025/04/14

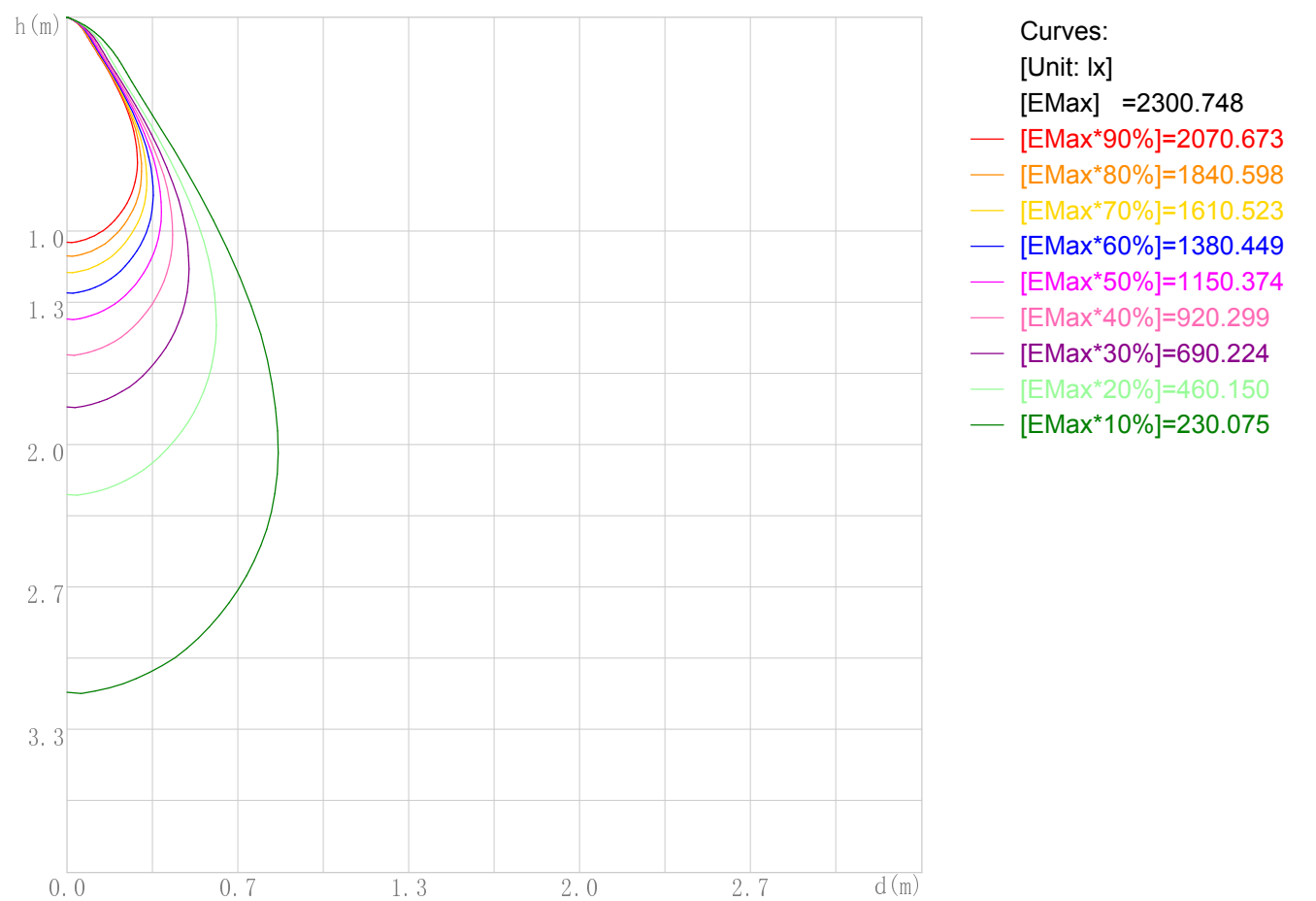
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2025/04/14

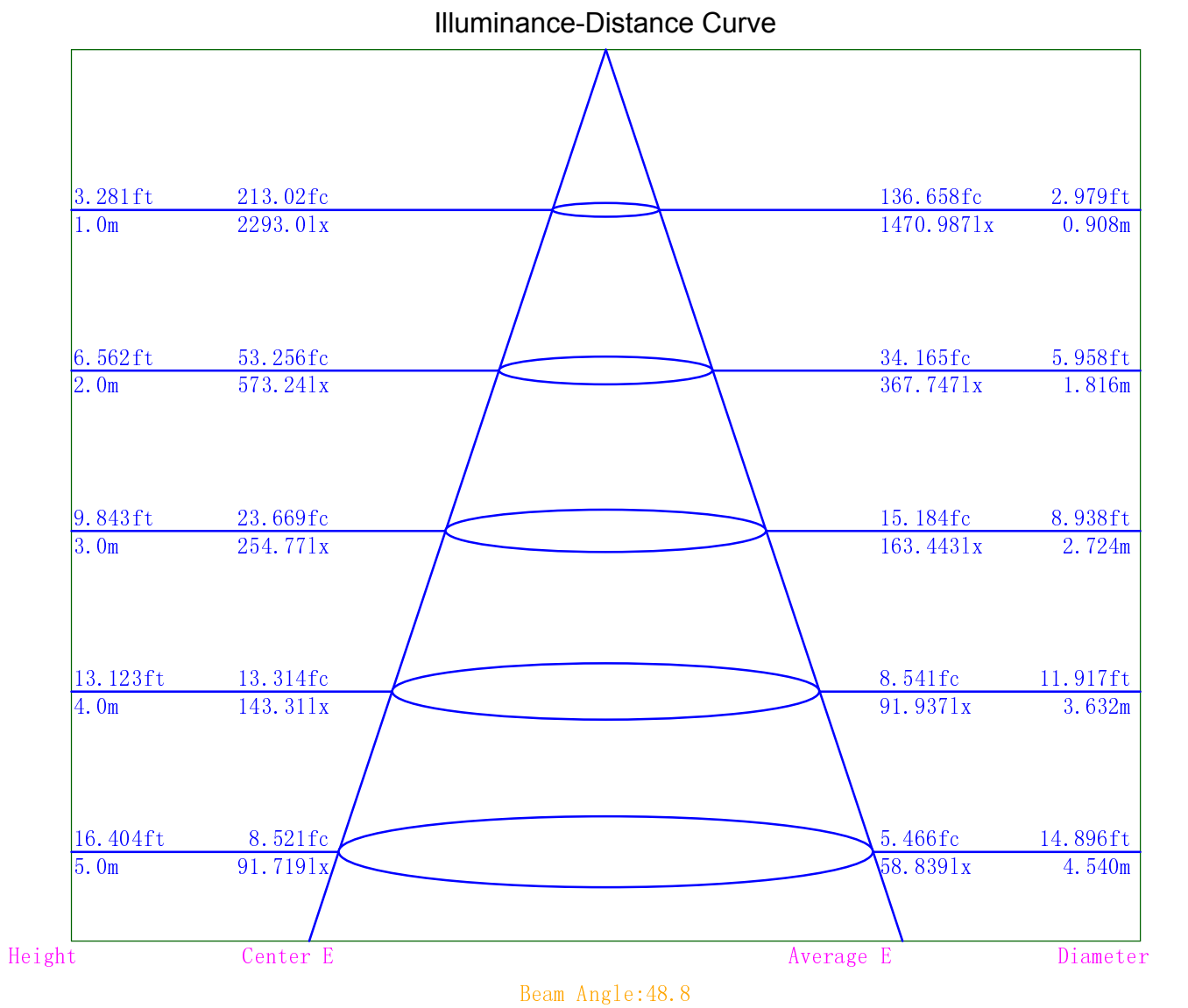
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:2300.75lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:2301.799cd,0deg

Illuminance-Distance Diagram

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2025/04/14



Indoor Luminance Limiting Curves

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2025/04/14

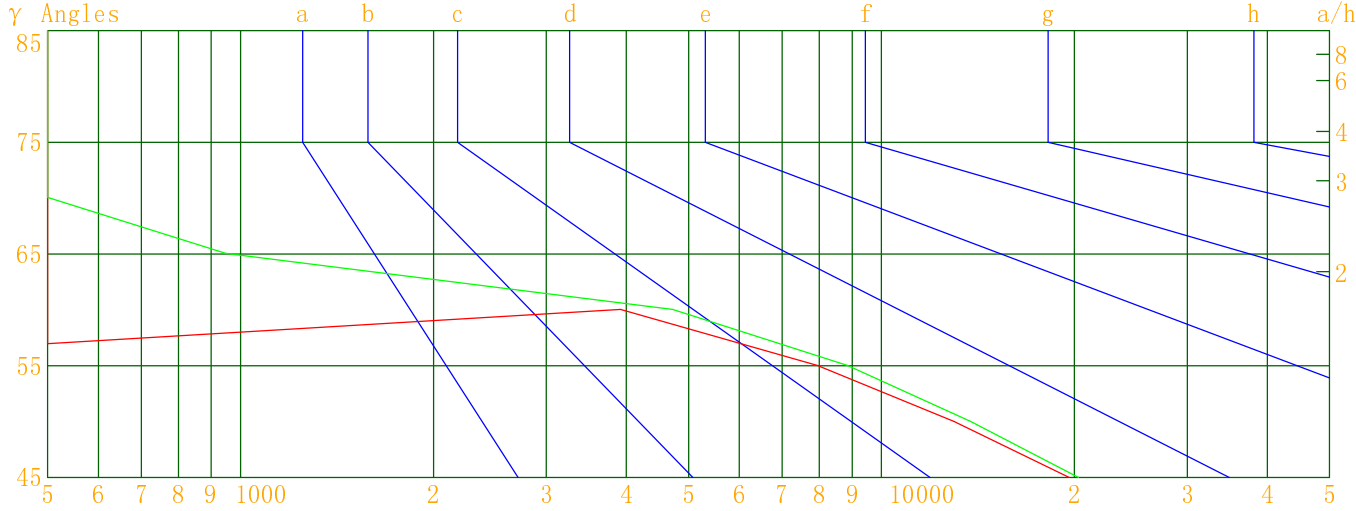
Glare Grade Table

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	19627	12981	7944	3918	139	0	0	0	0
C90	20295	13776	8846	4721	948	0	0	0	0

Luminance Limiting Curve



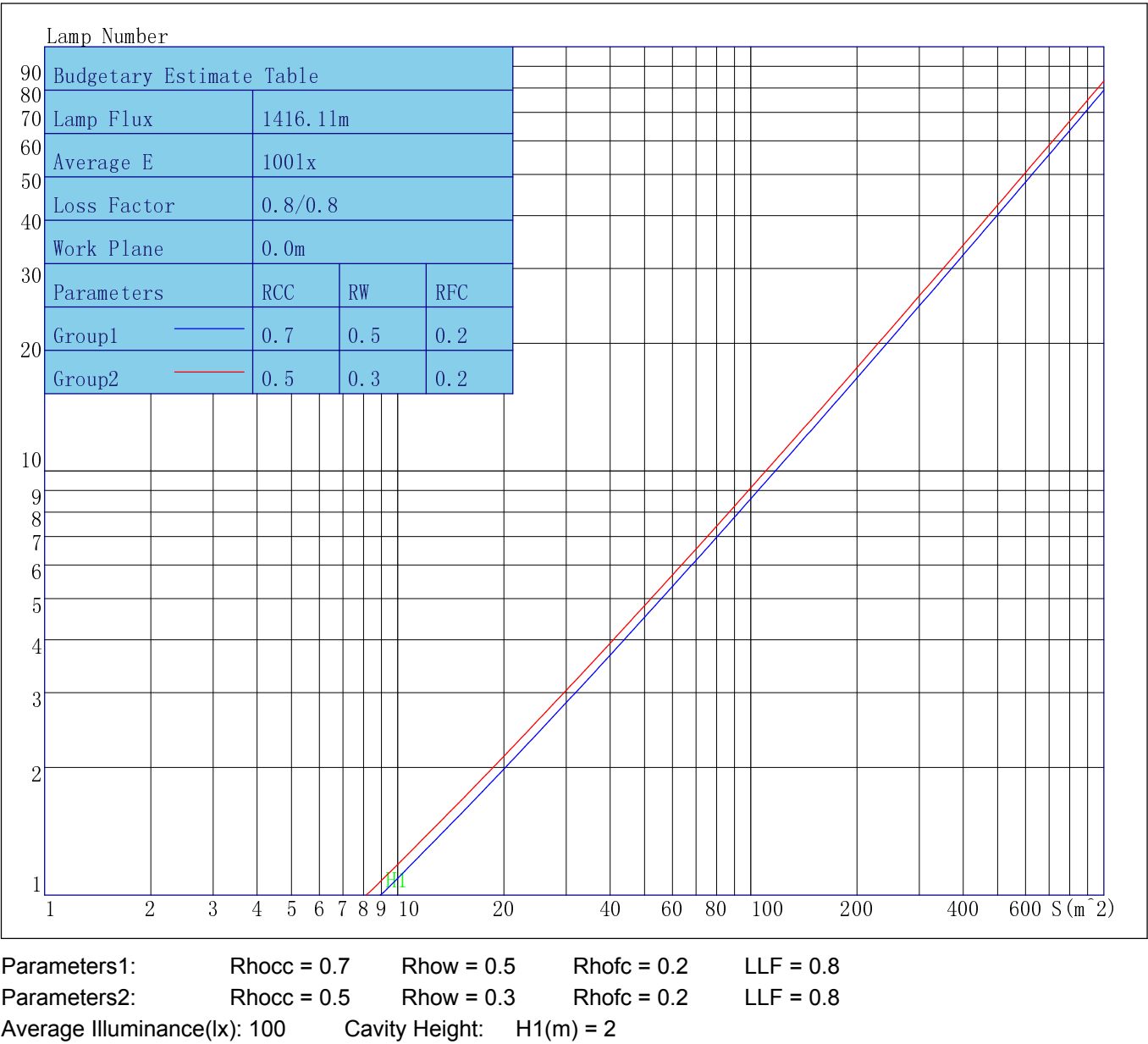
Luminous Size: Length(m)=-0.050 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963

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: 2025/04/14



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: 2025/04/14

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	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	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	84
4	100	93	88	84	98	92	87	84	90	86	83	88	85	82	86	83	81	79
5	95	88	83	79	94	87	82	79	85	81	78	84	80	77	82	79	77	75
6	91	83	78	74	90	83	78	74	81	77	73	80	76	73	79	75	72	71
7	87	79	74	70	86	79	73	70	77	73	69	76	72	69	75	71	69	67
8	84	75	70	66	83	75	70	66	74	69	66	73	69	66	72	68	65	64
9	80	72	66	63	79	71	66	63	70	66	63	70	65	62	69	65	62	61
10	77	68	63	60	76	68	63	60	67	63	60	67	62	59	66	62	59	58

Unified Glare Rating Table

Lum. Name:55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2025/04/14

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	18.3	19.3	18.7	19.6	19.9	16.7	17.7	17.1	18.0	18.3
	Y=3H	18.1	18.9	18.5	19.3	19.6	16.5	17.3	16.9	17.7	18.0
	Y=4H	18.0	18.8	18.4	19.1	19.5	16.4	17.2	16.8	17.5	17.9
	Y=6H	17.9	18.6	18.3	19.0	19.4	16.3	17.0	16.7	17.4	17.8
	Y=8H	17.8	18.5	18.3	18.9	19.3	16.2	16.9	16.7	17.3	17.7
	Y=12H	17.8	18.4	18.2	18.8	19.2	16.2	16.8	16.6	17.2	17.6
X=4H	Y=2H	18.0	18.8	18.5	19.1	19.5	16.4	17.2	16.9	17.5	17.9
	Y=3H	17.8	18.4	18.2	18.8	19.2	16.2	16.8	16.6	17.2	17.6
	Y=4H	17.7	18.2	18.1	18.7	19.1	16.1	16.6	16.5	17.1	17.5
	Y=6H	17.6	18.0	18.1	18.5	19.0	16.0	16.4	16.5	16.9	17.4
	Y=8H	17.5	17.9	18.0	18.4	18.9	15.9	16.3	16.4	16.8	17.3
	Y=12H	17.4	17.8	17.9	18.3	18.8	15.8	16.2	16.3	16.7	17.2
X=8H	Y=4H	17.5	17.9	18.0	18.4	18.9	15.9	16.3	16.4	16.8	17.3
	Y=6H	17.4	17.7	17.9	18.2	18.7	15.8	16.1	16.3	16.6	17.1
	Y=8H	17.3	17.6	17.8	18.1	18.6	15.7	16.0	16.2	16.5	17.0
	Y=12H	17.2	17.5	17.8	18.0	18.6	15.6	15.9	16.2	16.4	17.0
X=12H	Y=4H	17.4	17.8	17.9	18.3	18.8	15.8	16.2	16.3	16.7	17.2
	Y=6H	17.3	17.6	17.8	18.1	18.6	15.7	16.0	16.2	16.5	17.0
	Y=8H	17.2	17.5	17.8	18.0	18.6	15.6	15.9	16.2	16.4	17.0
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		10.3/0.0					10.2/0.0				
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.

Photometric Filename:UL-18W-COB-1800-FH(N)-35D-4000K.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 0.0	2292.97	2292.97	2292.97	2292.97	2292.97	2292.97	2292.97	2292.97	2292.97	2292.97	2292.97	2292.97
γ 1.0	2301.80	2300.09	2289.72	2281.09	2264.24	2254.38	2314.46	2307.20	2299.37	2290.10	2280.89	2273.17
γ 2.0	2289.09	2289.76	2278.44	2269.77	2250.52	2238.00	2314.27	2305.24	2297.59	2288.73	2281.98	2275.36
γ 3.0	2271.90	2275.08	2262.66	2253.06	2231.79	2218.84	2310.81	2298.94	2291.56	2282.33	2278.58	2273.06
γ 4.0	2252.31	2257.95	2243.52	2233.40	2208.65	2195.45	2303.61	2287.13	2280.97	2272.03	2271.01	2267.07
γ 5.0	2227.37	2236.73	2221.09	2209.48	2183.69	2169.66	2289.93	2271.56	2265.20	2256.27	2258.99	2257.40
γ 6.0	2196.20	2209.47	2193.16	2181.52	2153.28	2139.39	2271.51	2252.72	2246.53	2237.39	2242.74	2243.17
γ 7.0	2162.64	2177.24	2159.58	2150.82	2119.61	2103.52	2250.38	2230.63	2224.10	2214.66	2222.86	2225.52
γ 8.0	2125.30	2141.44	2121.53	2114.28	2080.08	2062.89	2225.59	2202.95	2197.98	2187.82	2199.03	2203.93
γ 9.0	2080.75	2100.28	2079.19	2072.79	2035.75	2019.21	2199.06	2172.82	2168.39	2157.34	2172.49	2176.90
γ 10.0	2031.60	2052.92	2031.30	2025.42	1986.64	1970.36	2167.36	2138.15	2134.77	2121.58	2139.10	2145.10
γ 11.0	1977.90	2000.88	1978.56	1972.76	1933.68	1917.96	2130.87	2099.64	2096.83	2082.39	2101.29	2109.81
γ 12.0	1923.39	1946.67	1922.96	1917.65	1878.50	1862.56	2090.40	2056.96	2053.05	2039.26	2060.36	2069.72
γ 13.0	1865.95	1889.34	1864.09	1860.73	1819.99	1804.58	2045.44	2011.36	2005.95	1992.51	2014.14	2025.20
γ 14.0	1805.52	1829.72	1802.90	1800.54	1758.58	1743.84	1995.72	1961.05	1956.75	1940.41	1963.81	1976.35
γ 15.0	1741.41	1767.07	1739.11	1738.50	1695.89	1681.92	1942.09	1906.73	1903.62	1884.10	1911.17	1923.68
γ 16.0	1675.14	1703.10	1674.20	1672.41	1632.17	1618.83	1887.07	1850.58	1846.09	1825.97	1855.08	1868.86
γ 17.0	1606.17	1636.06	1606.79	1606.06	1564.91	1554.09	1827.75	1792.93	1788.58	1766.71	1796.22	1812.27
γ 18.0	1534.67	1566.04	1536.19	1539.28	1495.90	1487.85	1765.86	1732.08	1727.28	1706.21	1735.76	1754.05
γ 19.0	1457.33	1491.36	1462.48	1467.99	1424.94	1417.84	1700.63	1669.42	1663.71	1642.60	1672.10	1691.78
γ 20.0	1376.22	1414.66	1384.77	1392.28	1350.07	1344.19	1635.88	1603.27	1598.42	1577.28	1607.51	1627.91
γ 21.0	1290.57	1331.18	1301.37	1312.07	1270.24	1265.95	1568.42	1536.51	1531.84	1510.17	1539.68	1561.60
γ 22.0	1199.78	1240.20	1213.31	1226.68	1186.86	1183.15	1499.63	1466.94	1462.30	1440.00	1470.96	1492.77
γ 23.0	1103.38	1143.83	1119.57	1137.07	1097.38	1095.78	1428.96	1395.40	1391.14	1368.32	1399.97	1421.07
γ 24.0	1006.67	1045.41	1023.95	1043.65	1006.98	1005.85	1354.77	1320.32	1316.51	1291.91	1323.48	1343.30

Photometric Filename:UL-18W-COB-1800-FH(N)-35D-4000K.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	22.31	22.77	23.23	23.15	22.25	23.13	35.85	34.11	35.10	33.73	34.36	32.96
γ 48.0	20.19	20.77	21.12	21.13	20.23	21.08	32.24	30.92	31.72	30.27	30.73	29.61
γ 49.0	18.22	18.79	19.16	19.18	18.33	19.07	29.17	27.94	28.63	27.23	27.60	26.70
γ 50.0	16.38	17.03	17.33	17.39	16.68	17.29	26.34	25.30	25.88	24.56	24.84	24.05
γ 51.0	14.63	15.41	15.64	15.65	15.04	15.68	23.81	23.01	23.44	22.11	22.46	21.67
γ 52.0	13.17	13.80	14.11	14.13	13.55	14.10	21.58	20.75	21.22	20.00	20.09	19.49
γ 53.0	11.64	12.33	12.65	12.66	12.10	12.63	19.59	18.81	19.12	17.95	18.10	17.55
γ 54.0	10.25	11.03	11.28	11.23	10.75	11.31	17.70	16.98	17.13	16.20	16.27	15.64
γ 55.0	8.95	9.73	9.98	9.96	9.44	10.04	15.92	15.28	15.40	14.42	14.44	14.04
γ 56.0	7.69	8.55	8.84	8.79	8.26	8.82	14.28	13.67	13.86	12.89	12.85	12.42
γ 57.0	6.66	7.45	7.71	7.59	7.13	7.71	12.82	12.18	12.17	11.37	11.40	10.91
γ 58.0	5.57	6.39	6.75	6.55	6.10	6.65	11.41	10.79	10.82	10.08	10.08	9.58
γ 59.0	4.66	5.36	5.76	5.46	5.13	5.66	9.99	9.44	9.47	8.77	8.78	8.35
γ 60.0	3.85	4.57	4.84	4.64	4.17	4.75	8.83	8.15	8.24	7.61	7.53	7.22
γ 61.0	2.91	3.65	4.06	3.80	3.35	3.92	7.59	7.01	7.04	6.51	6.48	6.21
γ 62.0	2.24	2.85	3.19	2.97	2.61	3.04	6.49	5.85	6.00	5.55	5.43	5.18
γ 63.0	1.47	2.12	2.53	2.21	1.83	2.30	5.47	4.85	5.01	4.66	4.51	4.27
γ 64.0	0.75	1.35	1.77	1.49	1.15	1.58	4.49	3.90	4.09	3.77	3.76	3.41
γ 65.0	0.12	0.67	1.03	0.79	0.51	0.80	3.60	3.12	3.30	3.03	2.88	2.58
γ 66.0	0.00	0.00	0.32	0.13	0.00	0.15	2.79	2.37	2.45	2.22	2.19	1.84
γ 67.0	0.00	0.00	0.00	0.00	0.00	0.00	2.00	1.52	1.70	1.35	1.46	1.04
γ 68.0	0.00	0.00	0.00	0.00	0.00	0.00	1.20	0.90	1.00	0.74	0.69	0.47
γ 69.0	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.13	0.38	0.07	0.13	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	0.0									

Photometric Filename:UL-18W-COB-1800-FH(N)-35D-4000K.IES[illegible]

Photometric Filename:UL-18W-COB-1800-FH(N)-35D-4000K.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	0.00	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	0.11	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	0.33	0.07	0.06	0.00	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.00
γ 155.0	0.53	0.30	0.28	0.24	0.27	0.30	0.00	0.00	0.00	0.00	0.00	0.00
γ 156.0	0.83	0.60	0.48	0.51	0.50	0.57	0.00	0.00	0.00	0.00	0.00	0.00
γ 157.0	1.03	0.87	0.77	0.75	0.79	0.73	0.00	0.00	0.00	0.00	0.00	0.00
γ 158.0	1.18	1.10	1.03	0.91	0.92	0.97	0.00	0.00	0.00	0.00	0.00	0.00
γ 159.0	1.55	1.33	1.26	1.13	1.12	1.14	0.00	0.00	0.00	0.00	0.00	0.00
γ 160.0	1.74	1.57	1.48	1.39	1.37	1.39	0.04	0.25	0.09	0.00	0.05	0.00
γ 161.0	1.90	1.82	1.76	1.52	1.55	1.57	0.28	0.42	0.28	0.24	0.19	0.15
γ 162.0	2.17	1.98	1.99	1.74	1.75	1.77	0.53	0.61	0.59	0.46	0.41	0.29
γ 163.0	2.33	2.24	2.14	2.01	1.98	1.97	0.74	0.92	0.74	0.70	0.62	0.59
γ 164.0	2.50	2.37	2.26	2.22	2.12	2.10	0.96	1.15	1.01	0.93	0.93	0.80
γ 165.0	2.75	2.67	2.51	2.25	2.30	2.34	1.22	1.29	1.30	1.17	1.11	1.06
γ 166.0	2.88	2.76	2.63	2.50	2.49	2.46	1.44	1.50	1.48	1.41	1.31	1.18
γ 167.0	3.02	2.93	2.75	2.61	2.60	2.69	1.62	1.69	1.69	1.55	1.54	1.42
γ 168.0	3.20	3.02	2.93	2.72	2.82	2.79	1.76	1.82	1.85	1.69	1.76	1.57
γ 169.0	3.39	3.17	3.04	2.90	2.89	2.90	2.01	2.06	2.13	1.85	1.90	1.78
γ 170.0	3.44	3.37	3.17	3.06	3.01	3.11	2.25	2.32	2.23	2.09	2.16	1.98
γ 171.0	3.62	3.48	3.23	3.19	3.21	3.21	2.43	2.39	2.41	2.28	2.31	2.12
γ 172.0	3.68	3.55	3.38	3.23	3.31	3.30	2.57	2.66	2.61	2.39	2.45	2.40