

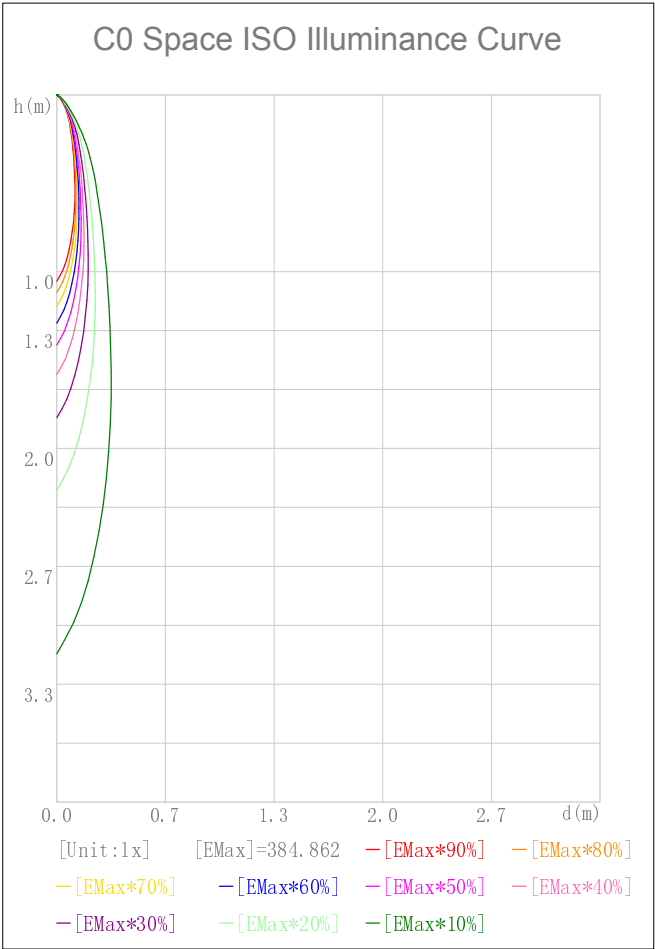
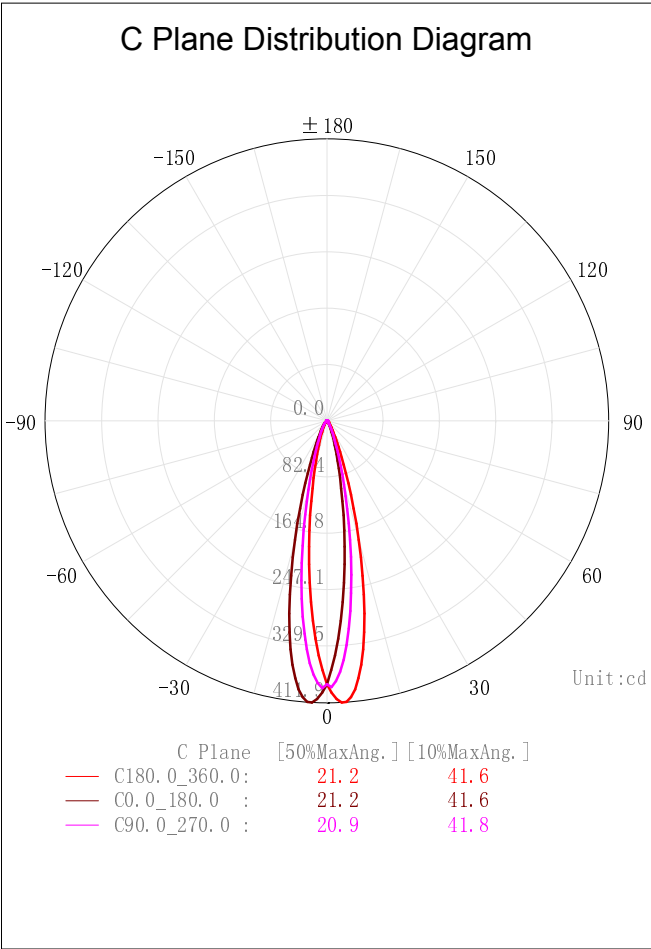
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 55252		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2019/06/18
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(%):

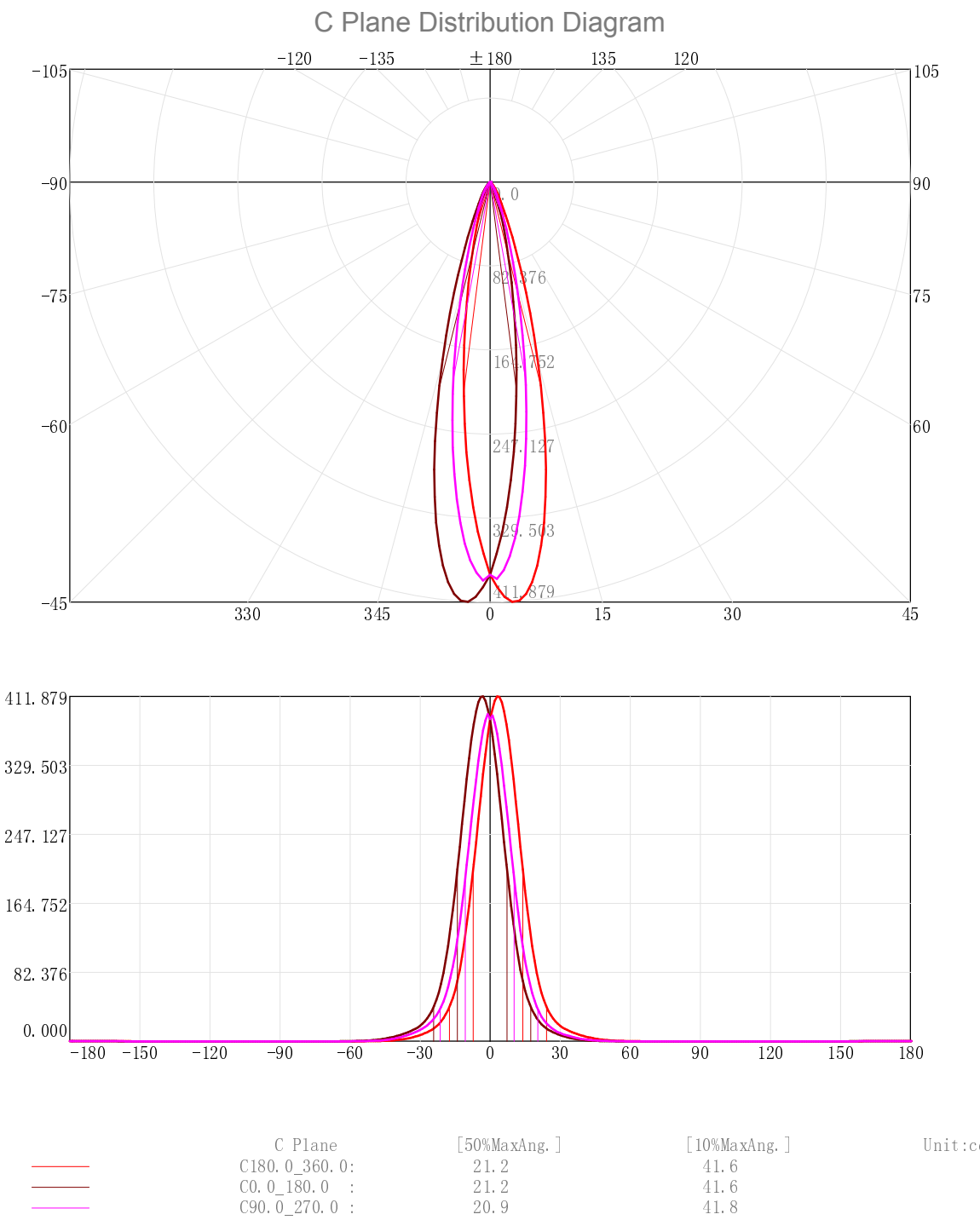
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 76.340	Luminary Flux(lm): 76.343	Field Angle(10%Imax): 41.6(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 76.168lm 99.77%	
Rated Voltage(V): 24	Luminary EER(lm/W): 50.425	Up Lumens&Percent: 0.175lm 0.23%	
Tested Power(W): 1.514	Max. Candela(cd): 411.879	S/MH: C0_a180=0.378 C90_270=0.359	
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=3.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):24.0, 0.063	Beam Angle(50%Imax): 21.2(°)	ErP Φ use(90°): 77.4761m	
Lamp Size(W*L*H):0.050m*-0.050m*0.000m	Left=-7.2°, Right=14.0°	IRF(%): 1404.856	



2D Plane Light Intensity Distribution Curve

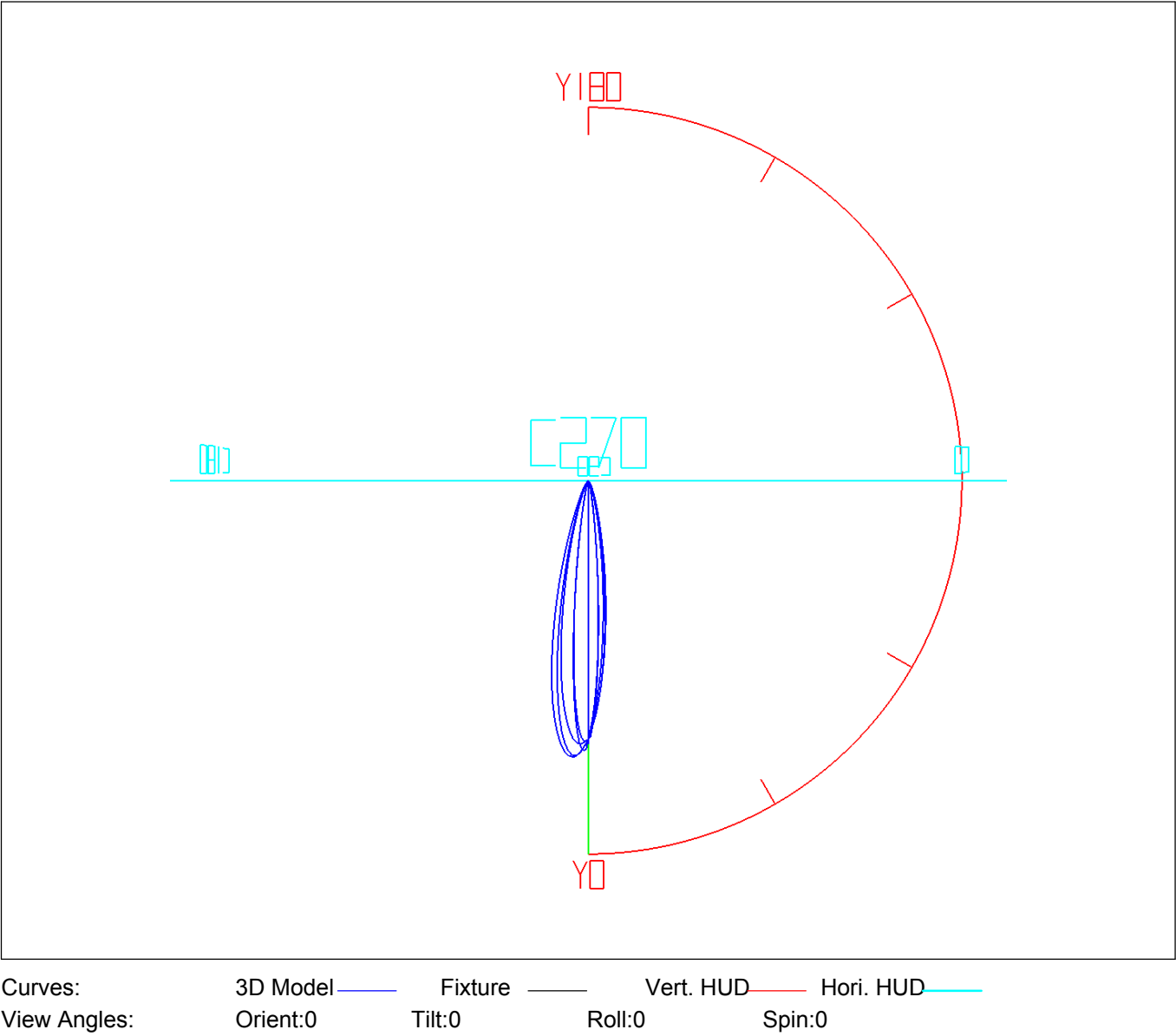
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/06/18



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: 2019/06/18

3D Light Intensity Distribution Modal



Zonal Flux Tabulation

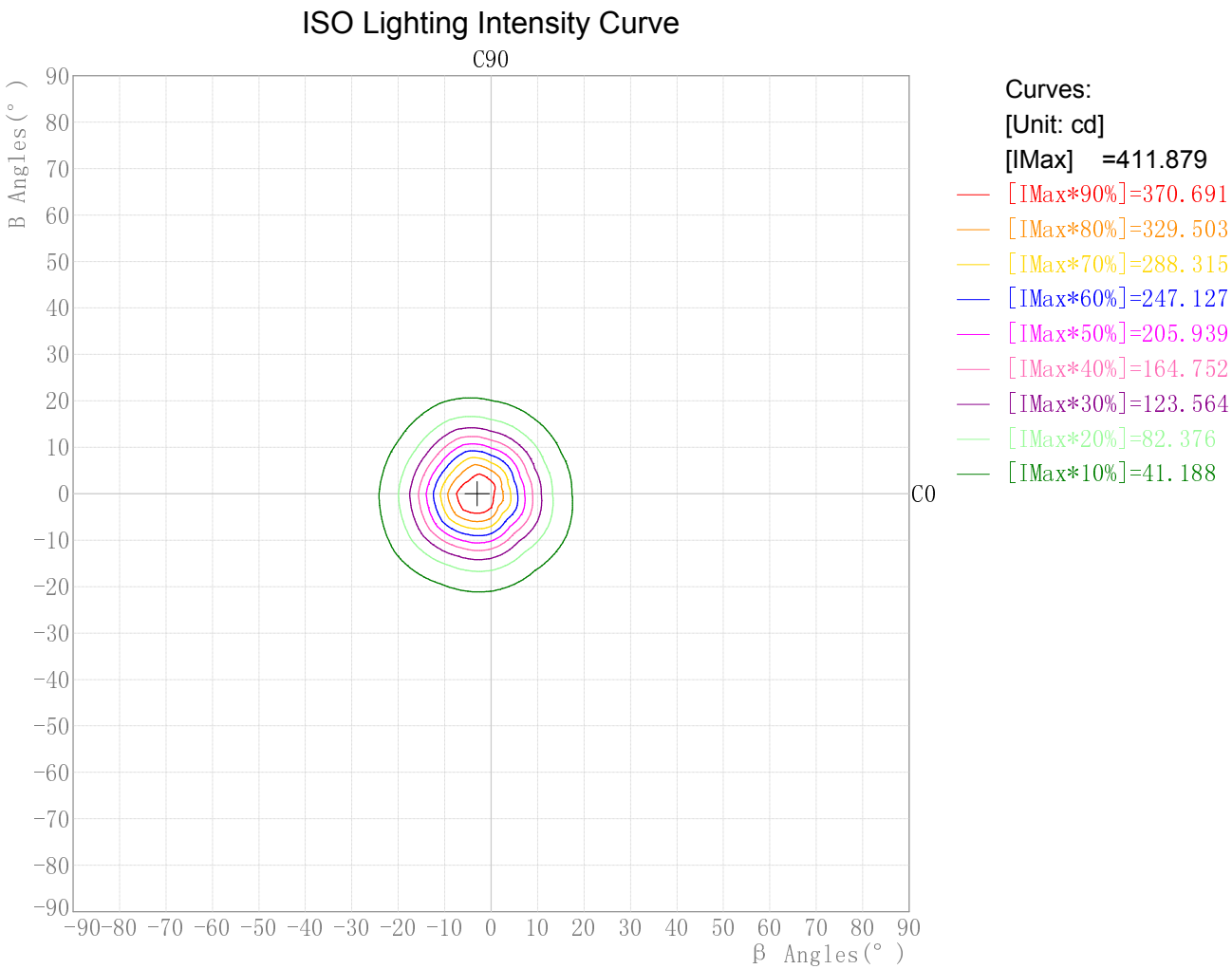
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.37	0.37	0.48	0.48	47.0-48.0	0.09	75.66	0.12	99.11
1.0-2.0	1.09	1.46	1.43	1.91	48.0-49.0	0.08	75.73	0.10	99.21
2.0-3.0	1.77	3.23	2.32	4.23	49.0-50.0	0.07	75.80	0.09	99.29
3.0-4.0	2.39	5.62	3.13	7.36	50.0-51.0	0.06	75.86	0.07	99.37
4.0-5.0	2.93	8.55	3.84	11.21	51.0-52.0	0.05	75.90	0.06	99.43
5.0-6.0	3.38	11.93	4.42	15.63	52.0-53.0	0.04	75.95	0.05	99.48
6.0-7.0	3.72	15.65	4.87	20.50	53.0-54.0	0.04	75.98	0.05	99.53
7.0-8.0	3.95	19.60	5.18	25.68	54.0-55.0	0.03	76.01	0.04	99.57
8.0-9.0	4.08	23.69	5.35	31.03	55.0-56.0	0.03	76.04	0.04	99.61
9.0-10.0	4.12	27.80	5.39	36.42	56.0-57.0	0.02	76.07	0.03	99.64
10.0-11.0	4.06	31.86	5.32	41.74	57.0-58.0	0.02	76.09	0.03	99.67
11.0-12.0	3.93	35.79	5.15	46.89	58.0-59.0	0.02	76.10	0.02	99.69
12.0-13.0	3.74	39.53	4.90	51.78	59.0-60.0	0.01	76.12	0.02	99.71
13.0-14.0	3.51	43.04	4.59	56.37	60.0-61.0	0.01	76.13	0.02	99.73
14.0-15.0	3.25	46.28	4.26	60.63	61.0-62.0	0.01	76.14	0.01	99.74
15.0-16.0	2.98	49.26	3.90	64.53	62.0-63.0	0.01	76.15	0.01	99.75
16.0-17.0	2.70	51.97	3.54	68.07	63.0-64.0	0.01	76.15	0.01	99.76
17.0-18.0	2.44	54.40	3.19	71.27	64.0-65.0	0.00	76.16	0.01	99.76
18.0-19.0	2.18	56.59	2.86	74.13	65.0-66.0	0.00	76.16	0.00	99.77
19.0-20.0	1.95	58.54	2.56	76.68	66.0-67.0	0.00	76.16	0.00	99.77
20.0-21.0	1.74	60.29	2.29	78.97	67.0-68.0	0.00	76.17	0.00	99.77
21.0-22.0	1.56	61.85	2.04	81.01	68.0-69.0	0.00	76.17	0.00	99.77
22.0-23.0	1.40	63.24	1.83	82.84	69.0-70.0	0.00	76.17	0.00	99.77
23.0-24.0	1.25	64.50	1.64	84.49	70.0-71.0	0.00	76.17	0.00	99.77
24.0-25.0	1.13	65.63	1.48	85.97	71.0-72.0	0.00	76.17	0.00	99.77
25.0-26.0	1.03	66.65	1.34	87.31	72.0-73.0	0.00	76.17	0.00	99.77
26.0-27.0	0.93	67.58	1.22	88.53	73.0-74.0	0.00	76.17	0.00	99.77
27.0-28.0	0.85	68.43	1.11	89.64	74.0-75.0	0.00	76.17	0.00	99.77
28.0-29.0	0.78	69.21	1.02	90.66	75.0-76.0	0.00	76.17	0.00	99.77
29.0-30.0	0.71	69.92	0.93	91.59	76.0-77.0	0.00	76.17	0.00	99.77
30.0-31.0	0.65	70.57	0.85	92.45	77.0-78.0	0.00	76.17	0.00	99.77
31.0-32.0	0.60	71.17	0.78	93.23	78.0-79.0	0.00	76.17	0.00	99.77
32.0-33.0	0.55	71.72	0.72	93.95	79.0-80.0	0.00	76.17	0.00	99.77
33.0-34.0	0.50	72.22	0.66	94.61	80.0-81.0	0.00	76.17	0.00	99.77
34.0-35.0	0.46	72.69	0.60	95.21	81.0-82.0	0.00	76.17	0.00	99.77
35.0-36.0	0.42	73.11	0.55	95.76	82.0-83.0	0.00	76.17	0.00	99.77
36.0-37.0	0.38	73.49	0.50	96.26	83.0-84.0	0.00	76.17	0.00	99.77
37.0-38.0	0.34	73.83	0.45	96.71	84.0-85.0	0.00	76.17	0.00	99.77
38.0-39.0	0.31	74.13	0.40	97.11	85.0-86.0	0.00	76.17	0.00	99.77
39.0-40.0	0.27	74.41	0.36	97.47	86.0-87.0	0.00	76.17	0.00	99.77
40.0-41.0	0.24	74.65	0.32	97.78	87.0-88.0	0.00	76.17	0.00	99.77
41.0-42.0	0.21	74.86	0.28	98.06	88.0-89.0	0.00	76.17	0.00	99.77
42.0-43.0	0.19	75.05	0.24	98.30	89.0-90.0	0.00	76.17	0.00	99.77
43.0-44.0	0.16	75.21	0.21	98.52	90.0-91.0	0.00	76.17	0.00	99.77
44.0-45.0	0.14	75.35	0.18	98.70	91.0-92.0	0.00	76.17	0.00	99.77
45.0-46.0	0.12	75.47	0.16	98.86	92.0-93.0	0.00	76.17	0.00	99.77
46.0-47.0	0.10	75.57	0.13	98.99	93.0-94.0	0.00	76.17	0.00	99.77

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	76.17	0.00	99.77	141.0-142.0	0.00	76.17	0.00	99.77
95.0-96.0	0.00	76.17	0.00	99.77	142.0-143.0	0.00	76.17	0.00	99.77
96.0-97.0	0.00	76.17	0.00	99.77	143.0-144.0	0.00	76.17	0.00	99.77
97.0-98.0	0.00	76.17	0.00	99.77	144.0-145.0	0.00	76.17	0.00	99.77
98.0-99.0	0.00	76.17	0.00	99.77	145.0-146.0	0.00	76.17	0.00	99.77
99.0-100.0	0.00	76.17	0.00	99.77	146.0-147.0	0.00	76.17	0.00	99.77
100.0-101.0	0.00	76.17	0.00	99.77	147.0-148.0	0.00	76.17	0.00	99.77
101.0-102.0	0.00	76.17	0.00	99.77	148.0-149.0	0.00	76.17	0.00	99.77
102.0-103.0	0.00	76.17	0.00	99.77	149.0-150.0	0.00	76.17	0.00	99.78
103.0-104.0	0.00	76.17	0.00	99.77	150.0-151.0	0.00	76.17	0.00	99.78
104.0-105.0	0.00	76.17	0.00	99.77	151.0-152.0	0.00	76.17	0.00	99.78
105.0-106.0	0.00	76.17	0.00	99.77	152.0-153.0	0.00	76.18	0.00	99.78
106.0-107.0	0.00	76.17	0.00	99.77	153.0-154.0	0.00	76.18	0.01	99.79
107.0-108.0	0.00	76.17	0.00	99.77	154.0-155.0	0.01	76.18	0.01	99.80
108.0-109.0	0.00	76.17	0.00	99.77	155.0-156.0	0.01	76.19	0.01	99.80
109.0-110.0	0.00	76.17	0.00	99.77	156.0-157.0	0.01	76.20	0.01	99.81
110.0-111.0	0.00	76.17	0.00	99.77	157.0-158.0	0.01	76.21	0.01	99.82
111.0-112.0	0.00	76.17	0.00	99.77	158.0-159.0	0.01	76.21	0.01	99.84
112.0-113.0	0.00	76.17	0.00	99.77	159.0-160.0	0.01	76.22	0.01	99.85
113.0-114.0	0.00	76.17	0.00	99.77	160.0-161.0	0.01	76.23	0.01	99.86
114.0-115.0	0.00	76.17	0.00	99.77	161.0-162.0	0.01	76.24	0.01	99.87
115.0-116.0	0.00	76.17	0.00	99.77	162.0-163.0	0.01	76.25	0.01	99.88
116.0-117.0	0.00	76.17	0.00	99.77	163.0-164.0	0.01	76.26	0.01	99.90
117.0-118.0	0.00	76.17	0.00	99.77	164.0-165.0	0.01	76.27	0.01	99.91
118.0-119.0	0.00	76.17	0.00	99.77	165.0-166.0	0.01	76.28	0.01	99.92
119.0-120.0	0.00	76.17	0.00	99.77	166.0-167.0	0.01	76.29	0.01	99.93
120.0-121.0	0.00	76.17	0.00	99.77	167.0-168.0	0.01	76.30	0.01	99.94
121.0-122.0	0.00	76.17	0.00	99.77	168.0-169.0	0.01	76.30	0.01	99.95
122.0-123.0	0.00	76.17	0.00	99.77	169.0-170.0	0.01	76.31	0.01	99.96
123.0-124.0	0.00	76.17	0.00	99.77	170.0-171.0	0.01	76.32	0.01	99.97
124.0-125.0	0.00	76.17	0.00	99.77	171.0-172.0	0.01	76.32	0.01	99.98
125.0-126.0	0.00	76.17	0.00	99.77	172.0-173.0	0.00	76.33	0.01	99.98
126.0-127.0	0.00	76.17	0.00	99.77	173.0-174.0	0.00	76.33	0.01	99.99
127.0-128.0	0.00	76.17	0.00	99.77	174.0-175.0	0.00	76.33	0.00	99.99
128.0-129.0	0.00	76.17	0.00	99.77	175.0-176.0	0.00	76.34	0.00	100.00
129.0-130.0	0.00	76.17	0.00	99.77	176.0-177.0	0.00	76.34	0.00	100.00
130.0-131.0	0.00	76.17	0.00	99.77	177.0-178.0	0.00	76.34	0.00	100.00
131.0-132.0	0.00	76.17	0.00	99.77	178.0-179.0	0.00	76.34	0.00	100.00
132.0-133.0	0.00	76.17	0.00	99.77	179.0-180.0	0.00	76.34	0.00	100.00
133.0-134.0	0.00	76.17	0.00	99.77					
134.0-135.0	0.00	76.17	0.00	99.77					
135.0-136.0	0.00	76.17	0.00	99.77					
136.0-137.0	0.00	76.17	0.00	99.77					
137.0-138.0	0.00	76.17	0.00	99.77					
138.0-139.0	0.00	76.17	0.00	99.77					
139.0-140.0	0.00	76.17	0.00	99.77					
140.0-141.0	0.00	76.17	0.00	99.77					

Rectangle ISO Lighting Intensity Diagram

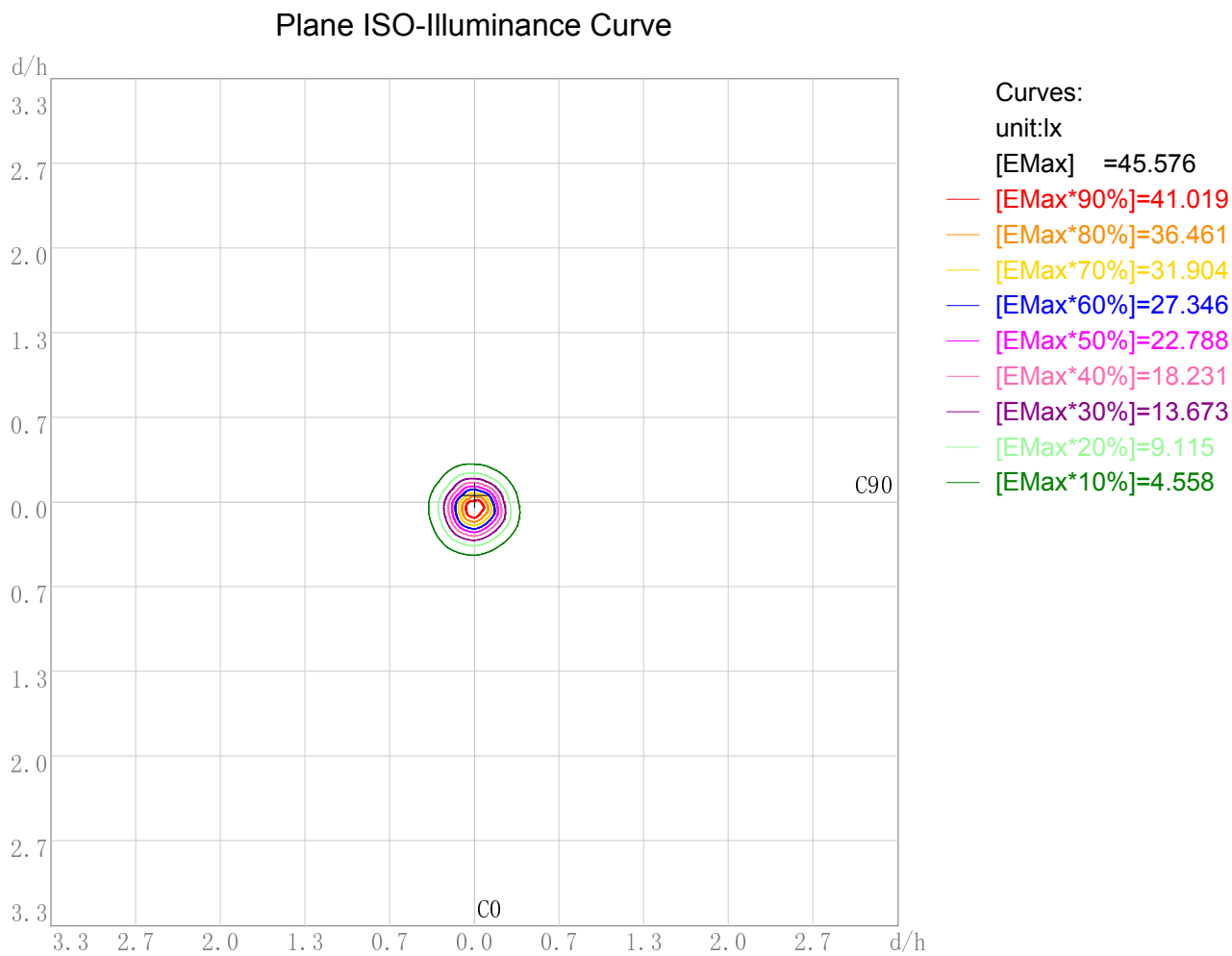
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/06/18



Maximum Light Intensity(cd): 411.88  
Maximum Cand.@Angle: H=-3.0°,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: 2019/06/18

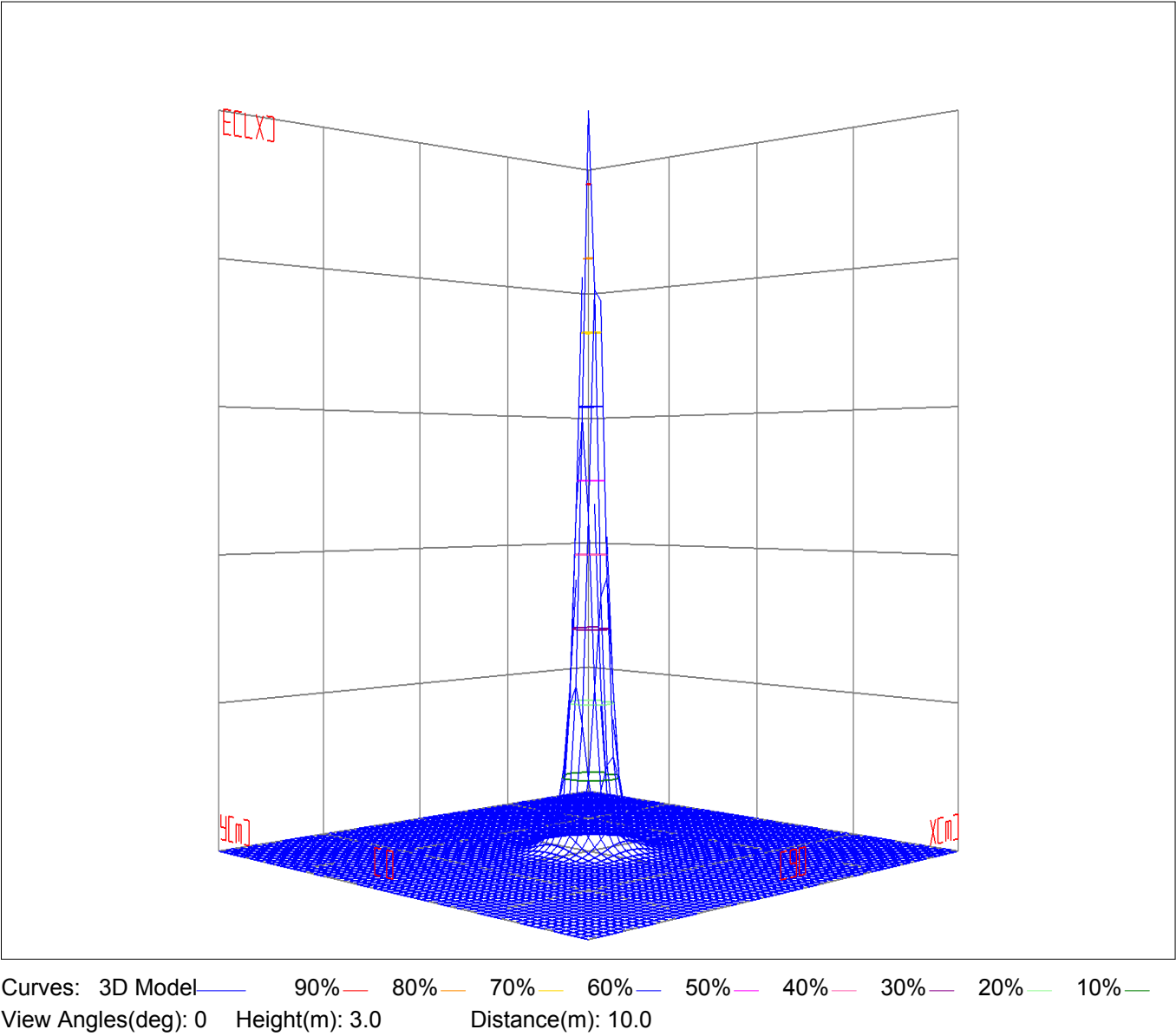


Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 45.58  
Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.1

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: 2019/06/18

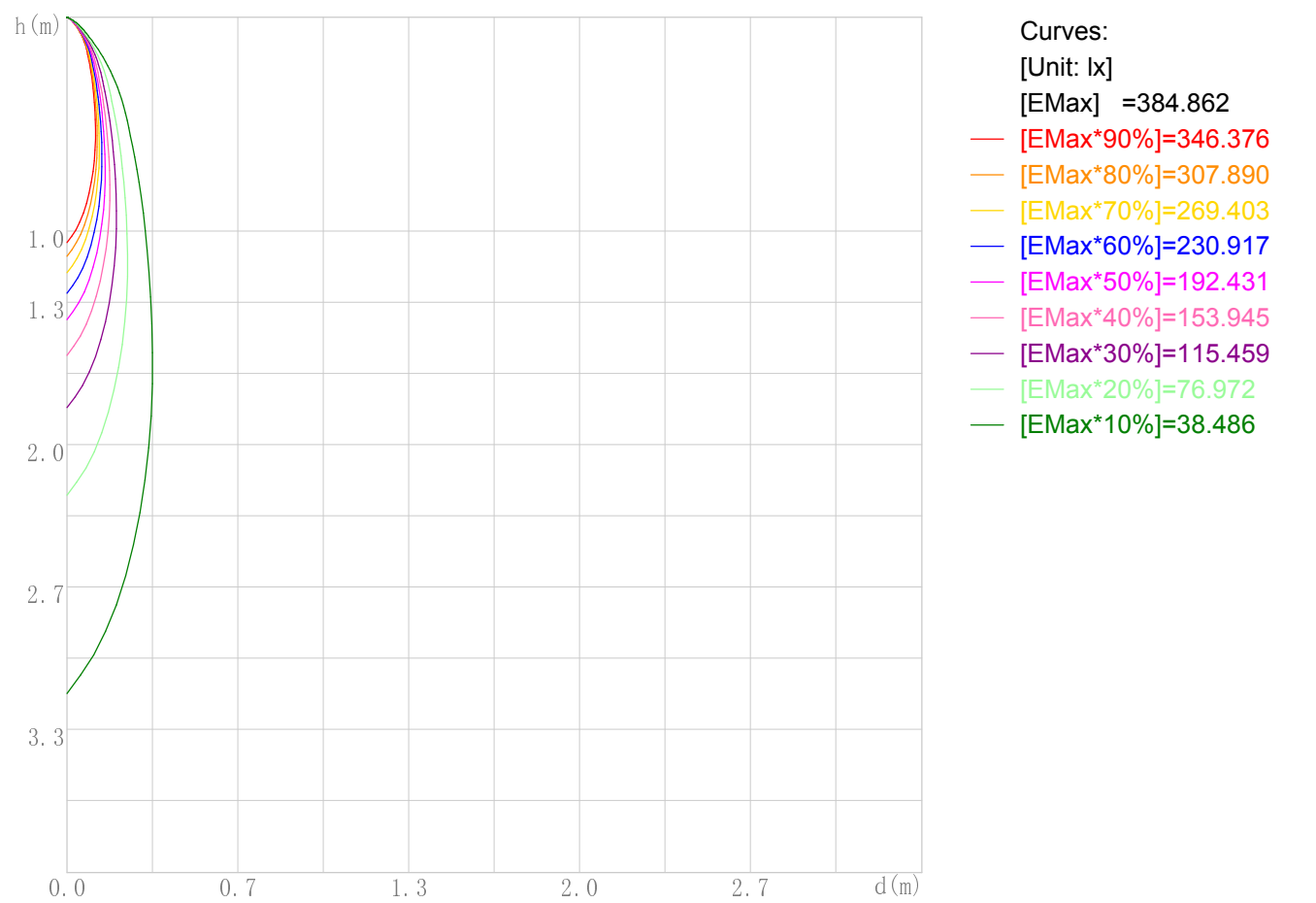
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/06/18

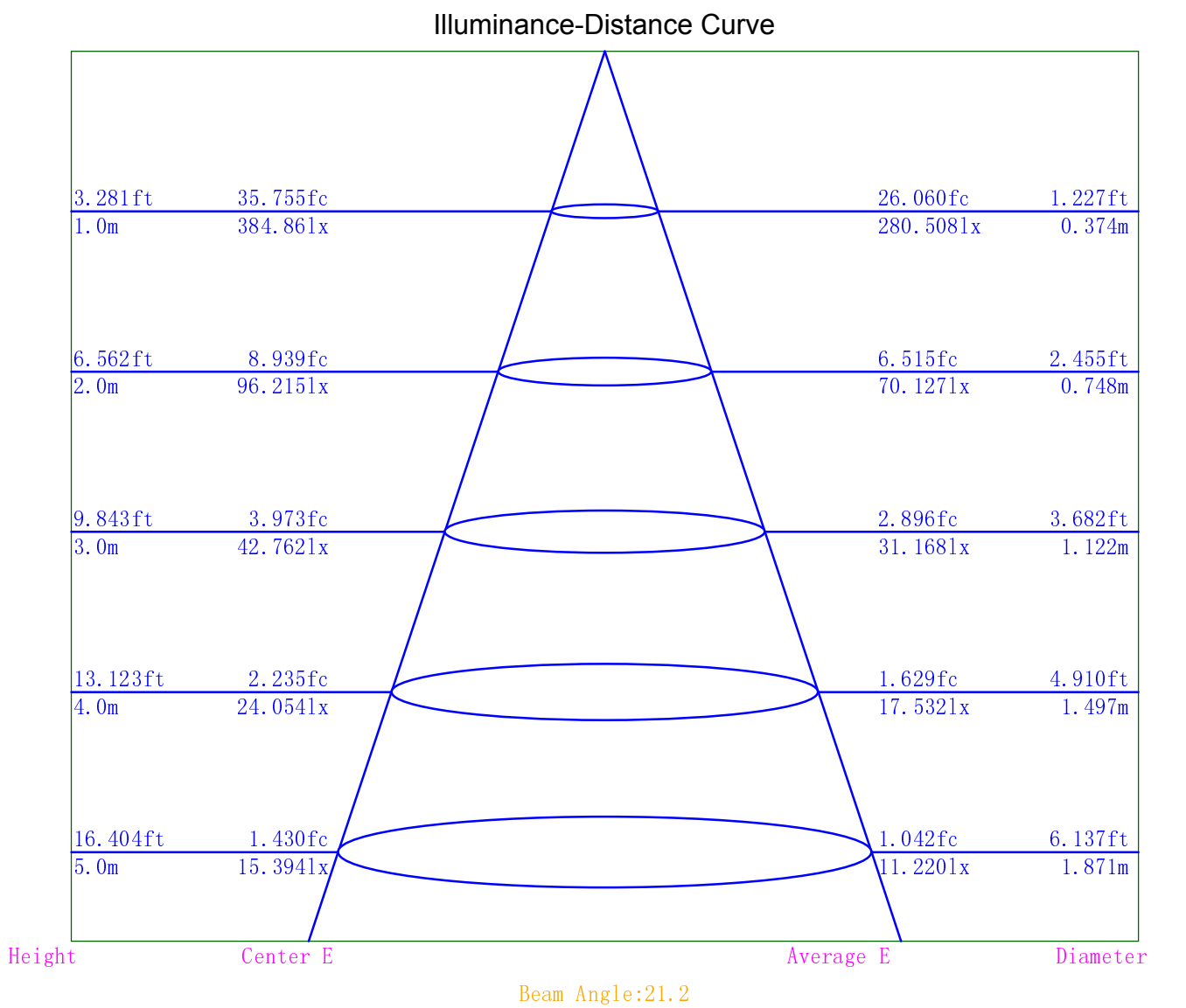
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:384.86lx,0.0deg  
Plane Maximum Lighting Intensity and @Angle:384.862cd,0deg

Illuminance-Distance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/06/18



Indoor Luminance Limiting Curves

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/06/18

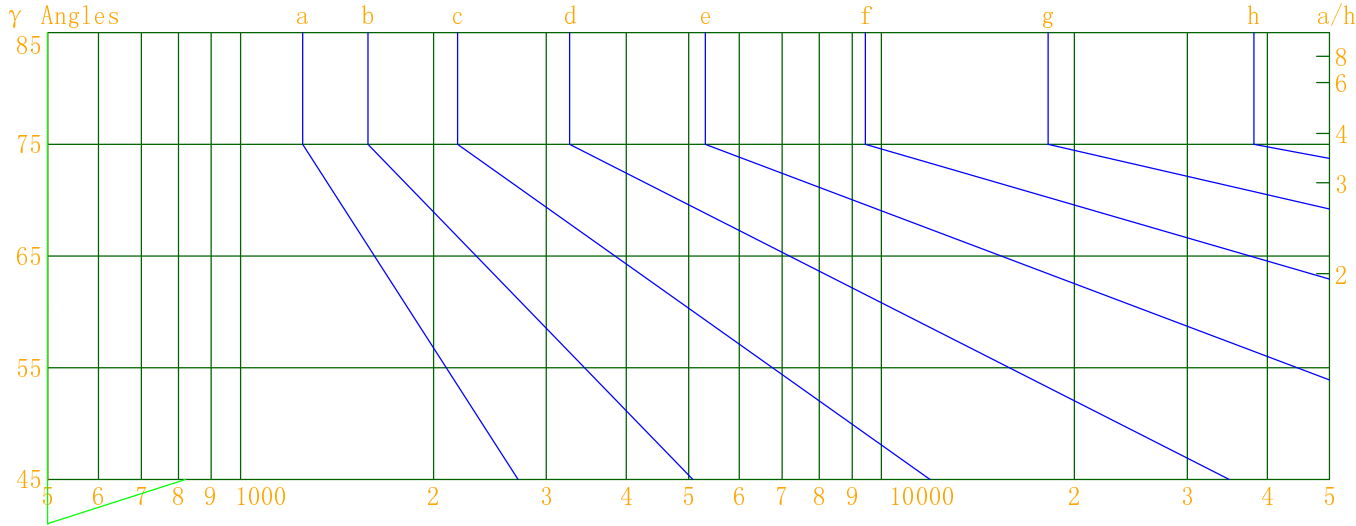
Glare Grade Table

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	452	242	99	0	0	0	0	0	0
C90	821	439	231	94	0	0	0	0	0

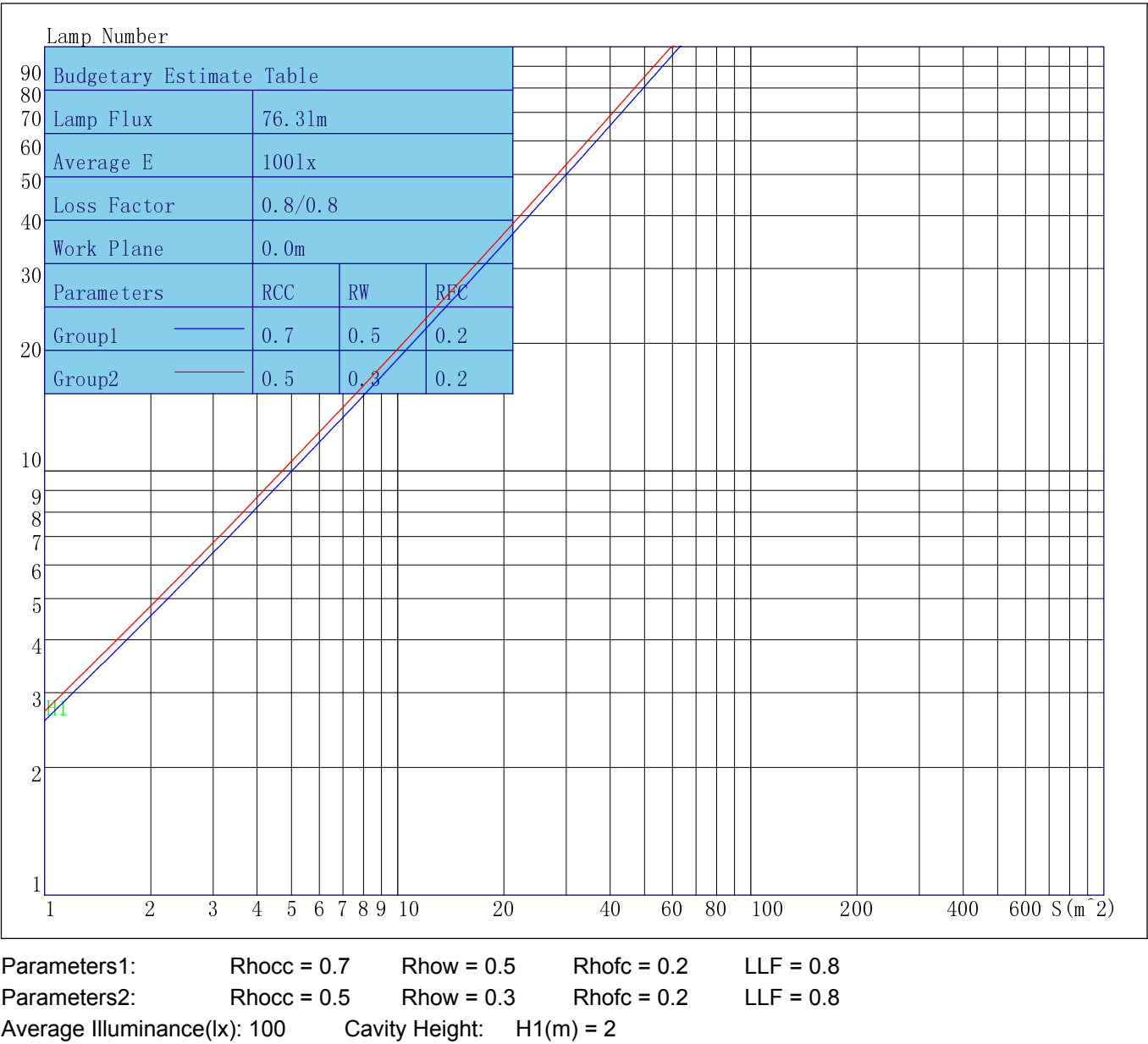
Luminance Limiting Curve



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: 2019/06/18



Indoor Coefficient of Utilization Table

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/06/18

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	112	111	109	107	107	105	104	103	102	101	99	99	98	96
2	111	107	104	102	109	106	103	101	103	100	98	100	98	96	97	96	94	93
3	107	103	99	96	106	101	98	95	99	96	94	96	94	92	94	92	91	90
4	104	98	94	91	102	97	94	91	95	92	90	93	91	89	92	90	88	87
5	101	95	91	87	99	94	90	87	92	89	86	91	88	86	89	87	85	84
6	98	91	87	84	96	91	87	84	89	86	83	88	85	83	87	84	82	81
7	95	88	84	81	94	88	84	81	87	83	80	86	82	80	85	82	80	79
8	92	86	81	78	91	85	81	78	84	81	78	83	80	78	82	79	77	76
9	90	83	79	76	89	83	79	76	82	78	76	81	78	75	80	77	75	74
10	87	81	77	74	87	80	76	74	80	76	74	79	76	73	78	75	73	72

Unified Glare Rating Table

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/06/18

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	1.1	2.0	1.5	2.3	2.6	3.8	4.6	4.2	4.9	5.3
	Y=3H	0.9	1.7	1.3	2.0	2.4	3.6	4.3	4.0	4.6	5.0
	Y=4H	0.8	1.5	1.2	1.8	2.2	3.5	4.1	3.9	4.5	4.9
	Y=6H	0.7	1.3	1.1	1.7	2.1	3.3	4.0	3.8	4.3	4.7
	Y=8H	0.6	1.2	1.1	1.6	2.0	3.3	3.8	3.7	4.2	4.7
	Y=12H	0.6	1.1	1.0	1.5	1.9	3.2	3.8	3.7	4.1	4.6
X=4H	Y=2H	0.8	1.5	1.2	1.9	2.3	3.5	4.2	3.9	4.5	4.9
	Y=3H	0.6	1.1	1.0	1.5	2.0	3.3	3.8	3.7	4.2	4.6
	Y=4H	0.5	0.9	0.9	1.4	1.8	3.1	3.6	3.6	4.0	4.5
	Y=6H	0.4	0.7	0.8	1.2	1.7	3.0	3.4	3.5	3.9	4.3
	Y=8H	0.3	0.6	0.8	1.1	1.6	2.9	3.3	3.4	3.7	4.2
	Y=12H	0.2	0.5	0.7	1.0	1.5	2.9	3.2	3.4	3.7	4.1
X=8H	Y=4H	0.3	0.6	0.8	1.1	1.6	2.9	3.3	3.4	3.7	4.2
	Y=6H	0.1	0.4	0.7	0.9	1.4	2.8	3.1	3.3	3.6	4.1
	Y=8H	0.1	0.3	0.6	0.8	1.3	2.7	3.0	3.3	3.5	4.0
	Y=12H	0.0	0.2	0.5	0.7	1.3	2.7	2.9	3.2	3.4	4.0
X=12H	Y=4H	0.2	0.5	0.7	1.0	1.5	2.9	3.2	3.4	3.7	4.1
	Y=6H	0.1	0.3	0.6	0.8	1.3	2.7	3.0	3.3	3.4	4.0
	Y=8H	0.0	0.2	0.5	0.7	1.3	2.7	2.9	3.2	3.4	4.0
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		0.0/0.0					13.0/0.0				
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-1007-25度.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	384. 86	384. 86	384. 86	384. 86	384. 86	384. 86	384. 86	384. 86	384. 86	384. 86	384. 86	384. 86
γ 1. 0	364. 17	363. 53	382. 56	388. 97	389. 09	390. 24	396. 95	394. 62	398. 38	390. 63	368. 36	366. 53
γ 2. 0	342. 94	342. 67	367. 35	380. 52	391. 42	394. 59	406. 75	403. 20	398. 47	383. 09	351. 59	348. 53
γ 3. 0	318. 92	318. 76	348. 43	367. 22	388. 78	393. 99	411. 88	406. 66	393. 14	371. 14	331. 62	327. 53
γ 4. 0	292. 87	292. 88	326. 12	350. 17	381. 79	388. 73	411. 33	404. 74	383. 39	355. 01	309. 46	304. 77
γ 5. 0	265. 54	265. 68	301. 59	329. 05	370. 24	378. 51	405. 11	397. 47	368. 09	335. 11	285. 08	280. 28
γ 6. 0	238. 08	237. 98	275. 06	305. 36	354. 43	364. 29	394. 24	385. 63	348. 96	312. 50	259. 96	254. 43
γ 7. 0	211. 35	211. 18	247. 59	279. 96	334. 77	346. 81	378. 72	369. 59	327. 25	288. 14	234. 23	228. 15
γ 8. 0	185. 75	186. 04	220. 47	253. 86	312. 14	326. 29	359. 80	349. 46	302. 64	262. 50	208. 66	202. 39
γ 9. 0	161. 88	162. 65	194. 65	227. 76	287. 25	302. 48	337. 93	326. 47	276. 63	236. 37	184. 07	177. 94
γ 10. 0	140. 06	140. 46	169. 96	201. 87	261. 33	276. 82	313. 20	301. 58	250. 21	210. 80	160. 89	155. 23
γ 11. 0	119. 56	120. 30	146. 95	177. 13	234. 88	250. 34	286. 92	275. 06	223. 60	185. 74	139. 52	134. 58
γ 12. 0	101. 09	102. 06	125. 42	153. 60	208. 67	224. 13	259. 55	248. 00	197. 50	162. 31	120. 00	115. 77
γ 13. 0	85. 45	86. 32	106. 48	132. 28	183. 58	198. 30	232. 13	221. 04	172. 54	140. 90	102. 97	98. 78
γ 14. 0	72. 17	72. 86	90. 22	113. 19	159. 85	173. 96	205. 40	195. 12	149. 46	121. 65	88. 23	84. 04
γ 15. 0	60. 90	61. 61	76. 00	96. 27	137. 93	150. 96	180. 12	170. 66	128. 54	104. 25	75. 21	71. 23
γ 16. 0	51. 51	52. 15	63. 85	81. 65	118. 18	129. 52	156. 23	148. 21	109. 76	88. 97	64. 06	60. 65
γ 17. 0	43. 94	44. 05	53. 71	69. 01	100. 60	110. 21	134. 03	127. 63	93. 38	75. 92	54. 78	51. 87
γ 18. 0	37. 52	37. 24	45. 13	58. 08	85. 13	93. 20	113. 93	108. 92	79. 16	64. 78	47. 31	44. 42
γ 19. 0	32. 09	31. 72	38. 03	48. 99	71. 89	78. 42	96. 54	92. 47	67. 10	55. 18	40. 96	38. 23
γ 20. 0	27. 63	27. 21	32. 13	41. 49	60. 49	66. 35	81. 59	78. 24	57. 21	47. 43	35. 58	33. 06
γ 21. 0	23. 85	23. 39	27. 43	35. 15	50. 98	56. 03	68. 82	66. 46	49. 00	41. 05	30. 99	28. 85
γ 22. 0	20. 64	20. 21	23. 60	29. 72	42. 86	47. 29	58. 22	56. 74	41. 96	35. 67	27. 26	25. 30
γ 23. 0	17. 87	17. 57	20. 36	25. 39	36. 28	40. 07	49. 43	48. 66	36. 22	31. 06	24. 12	22. 31
γ 24. 0	15. 57	15. 29	17. 67	21. 96	30. 60	34. 12	41. 92	41. 88	31. 63	27. 34	21. 32	19. 66
γ 25. 0	13. 82	13. 45	15. 54	19. 12	26. 05	29. 34	36. 07	36. 33	27. 88	24. 17	18. 87	17. 40
γ 26. 0	12. 33	11. 81	13. 77	16. 54	22. 42	25. 26	31. 27	31. 63	24. 67	21. 36	16. 76	15. 39
γ 27. 0	10. 90	10. 49	12. 20	14. 52	19. 39	21. 85	27. 24	27. 65	21. 92	18. 96	15. 07	13. 59
γ 28. 0	9. 61	9. 27	10. 80	12. 67	16. 88	18. 97	23. 86	24. 34	19. 66	16. 95	13. 57	12. 11
γ 29. 0	8. 48	8. 11	9. 69	11. 13	14. 72	16. 59	21. 09	21. 58	17. 57	15. 31	12. 12	10. 88
γ 30. 0	7. 47	7. 15	8. 62	9. 98	12. 95	14. 68	18. 61	19. 30	15. 76	13. 69	10. 81	9. 67
γ 31. 0	6. 58	6. 27	7. 59	8. 86	11. 58	13. 07	16. 60	17. 30	14. 17	12. 27	9. 70	8. 55
γ 32. 0	5. 73	5. 48	6. 66	7. 91	10. 26	11. 64	14. 91	15. 63	12. 59	11. 05	8. 71	7. 47
γ 33. 0	4. 93	4. 84	5. 82	7. 11	9. 14	10. 33	13. 56	14. 09	11. 46	9. 88	7. 76	6. 49
γ 34. 0	4. 28	4. 23	5. 09	6. 39	8. 30	9. 32	12. 28	12. 77	10. 40	8. 85	6. 88	5. 69
γ 35. 0	3. 61	3. 64	4. 46	5. 63	7. 35	8. 37	10. 99	11. 65	9. 31	7. 86	6. 11	4. 99
γ 36. 0	3. 13	3. 17	3. 81	4. 88	6. 56	7. 51	9. 95	10. 56	8. 36	6. 89	5. 29	4. 33
γ 37. 0	2. 62	2. 74	3. 23	4. 21	5. 76	6. 76	8. 97	9. 54	7. 55	6. 04	4. 52	3. 63
γ 38. 0	2. 22	2. 32	2. 73	3. 61	4. 98	6. 00	8. 06	8. 52	6. 75	5. 32	3. 91	2. 95
γ 39. 0	1. 87	1. 87	2. 33	3. 09	4. 34	5. 30	7. 19	7. 59	5. 95	4. 71	3. 37	2. 45
γ 40. 0	1. 51	1. 57	2. 03	2. 68	3. 75	4. 63	6. 40	6. 76	5. 24	4. 07	2. 87	2. 10
γ 41. 0	1. 26	1. 38	1. 67	2. 35	3. 18	4. 08	5. 66	5. 96	4. 57	3. 34	2. 38	1. 77
γ 42. 0	1. 08	1. 19	1. 43	2. 01	2. 72	3. 55	5. 01	5. 27	3. 94	2. 83	2. 05	1. 48
γ 43. 0	0. 87	1. 03	1. 18	1. 67	2. 30	3. 05	4. 41	4. 58	3. 39	2. 44	1. 70	1. 14
γ 44. 0	0. 75	0. 82	0. 99	1. 34	1. 98	2. 65	3. 84	3. 91	2. 89	2. 07	1. 39	0. 94
γ 45. 0	0. 63	0. 71	0. 83	1. 14	1. 63	2. 28	3. 30	3. 23	2. 48	1. 77	1. 14	0. 79
γ 46. 0	0. 54	0. 64	0. 74	1. 00	1. 38	1. 89	2. 85	2. 68	2. 12	1. 43	0. 95	0. 67

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	0. 46	0. 54	0. 65	0. 84	1. 16	1. 48	2. 44	2. 30	1. 74	1. 14	0. 79	0. 56
γ 48. 0	0. 40	0. 47	0. 57	0. 73	0. 96	1. 23	2. 15	2. 00	1. 44	0. 98	0. 66	0. 48
γ 49. 0	0. 35	0. 41	0. 50	0. 63	0. 82	1. 06	1. 76	1. 73	1. 20	0. 83	0. 56	0. 41
γ 50. 0	0. 31	0. 35	0. 44	0. 55	0. 74	0. 91	1. 47	1. 43	0. 98	0. 69	0. 48	0. 34
γ 51. 0	0. 24	0. 30	0. 39	0. 48	0. 64	0. 76	1. 23	1. 13	0. 83	0. 58	0. 42	0. 27
γ 52. 0	0. 22	0. 26	0. 33	0. 41	0. 56	0. 65	1. 00	0. 96	0. 71	0. 49	0. 37	0. 24
γ 53. 0	0. 17	0. 22	0. 29	0. 35	0. 48	0. 57	0. 84	0. 85	0. 63	0. 44	0. 31	0. 20
γ 54. 0	0. 15	0. 19	0. 25	0. 31	0. 43	0. 51	0. 72	0. 73	0. 54	0. 36	0. 26	0. 16
γ 55. 0	0. 11	0. 16	0. 21	0. 26	0. 37	0. 43	0. 63	0. 63	0. 48	0. 32	0. 22	0. 14
γ 56. 0	0. 09	0. 13	0. 18	0. 22	0. 31	0. 37	0. 55	0. 54	0. 42	0. 26	0. 19	0. 13
γ 57. 0	0. 06	0. 10	0. 14	0. 19	0. 27	0. 34	0. 49	0. 48	0. 38	0. 25	0. 16	0. 10
γ 58. 0	0. 05	0. 07	0. 11	0. 15	0. 22	0. 27	0. 43	0. 42	0. 33	0. 19	0. 12	0. 06
γ 59. 0	0. 02	0. 05	0. 08	0. 12	0. 19	0. 24	0. 39	0. 37	0. 28	0. 17	0. 09	0. 04
γ 60. 0	0. 00	0. 03	0. 07	0. 09	0. 16	0. 20	0. 35	0. 32	0. 24	0. 13	0. 07	0. 02
γ 61. 0	0. 00	0. 01	0. 03	0. 06	0. 12	0. 17	0. 29	0. 27	0. 20	0. 10	0. 04	0. 00
γ 62. 0	0. 00	0. 00	0. 02	0. 04	0. 10	0. 15	0. 25	0. 24	0. 17	0. 08	0. 01	0. 00
γ 63. 0	0. 00	0. 00	0. 00	0. 02	0. 07	0. 13	0. 21	0. 20	0. 16	0. 05	0. 01	0. 00
γ 64. 0	0. 00	0. 00	0. 00	0. 00	0. 05	0. 11	0. 19	0. 16	0. 12	0. 02	0. 00	0. 00
γ 65. 0	0. 00	0. 00	0. 00	0. 00	0. 03	0. 07	0. 16	0. 13	0. 08	0. 01	0. 00	0. 00
γ 66. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 05	0. 12	0. 10	0. 06	0. 00	0. 00	0. 00
γ 67. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 02	0. 10	0. 08	0. 04	0. 00	0. 00	0. 00
γ 68. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 01	0. 07	0. 06	0. 02	0. 00	0. 00	0. 00
γ 69. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 04	0. 03	0. 00	0. 00	0. 00	0. 00
γ 70. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 02	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-1007-25度.IES**

### Candela Tabulation - (Cont.)

[illegible]

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	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 149.0	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
γ 150.0	0.06	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.06
γ 151.0	0.10	0.11	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.08
γ 152.0	0.12	0.14	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.04	0.10	0.13
γ 153.0	0.16	0.16	0.09	0.05	0.00	0.00	0.00	0.00	0.03	0.08	0.14	0.16
γ 154.0	0.19	0.19	0.12	0.08	0.03	0.00	0.01	0.00	0.06	0.10	0.16	0.17
γ 155.0	0.21	0.22	0.16	0.10	0.05	0.04	0.05	0.05	0.10	0.13	0.17	0.19
γ 156.0	0.23	0.24	0.18	0.14	0.09	0.07	0.08	0.09	0.13	0.15	0.21	0.22
γ 157.0	0.26	0.25	0.20	0.16	0.10	0.09	0.10	0.10	0.15	0.18	0.23	0.24
γ 158.0	0.28	0.28	0.23	0.20	0.14	0.12	0.13	0.15	0.17	0.22	0.25	0.27
γ 159.0	0.31	0.29	0.25	0.22	0.16	0.13	0.16	0.17	0.20	0.23	0.28	0.29
γ 160.0	0.32	0.31	0.26	0.24	0.18	0.17	0.19	0.19	0.23	0.25	0.29	0.28
γ 161.0	0.33	0.33	0.28	0.27	0.22	0.19	0.22	0.22	0.25	0.27	0.29	0.30
γ 162.0	0.34	0.34	0.29	0.28	0.22	0.23	0.23	0.25	0.27	0.28	0.31	0.32
γ 163.0	0.35	0.35	0.31	0.30	0.26	0.24	0.26	0.26	0.29	0.30	0.32	0.32
γ 164.0	0.36	0.36	0.32	0.31	0.27	0.28	0.28	0.28	0.31	0.30	0.33	0.34
γ 165.0	0.35	0.35	0.33	0.31	0.28	0.28	0.29	0.30	0.32	0.32	0.33	0.33
γ 166.0	0.37	0.37	0.34	0.32	0.31	0.30	0.32	0.31	0.33	0.32	0.34	0.34
γ 167.0	0.37	0.37	0.34	0.33	0.31	0.31	0.34	0.33	0.34	0.32	0.35	0.34
γ 168.0	0.35	0.37	0.34	0.33	0.33	0.32	0.34	0.34	0.34	0.33	0.35	0.35
γ 169.0	0.36	0.36	0.34	0.34	0.34	0.32	0.34	0.34	0.36	0.35	0.34	0.34
γ 170.0	0.35	0.37	0.34	0.34	0.33	0.32	0.36	0.36	0.34	0.34	0.34	0.33
γ 171.0	0.35	0.37	0.34	0.35	0.33	0.34	0.37	0.35	0.35	0.35	0.33	0.33
γ 172.0	0.35	0.36	0.34	0.35	0.34	0.35	0.37	0.36	0.35	0.34	0.33	0.33
γ 173.0	0.34	0.36	0.34	0.35	0.34	0.34	0.38	0.36	0.35	0.35	0.33	0.33
γ 174.0	0.35	0.35	0.35	0.34	0.35	0.33	0.37	0.35	0.34	0.34	0.34	0.33
γ 175.0	0.36	0.36	0.34	0.34	0.35	0.34	0.37	0.35	0.35	0.35	0.33	0.32
γ 176.0	0.34	0.35	0.35	0.35	0.34	0.34	0.37	0.35	0.36	0.34	0.33	0.33
γ 177.0	0.36	0.35	0.34	0.34	0.34	0.35	0.37	0.35	0.35	0.34	0.33	0.31
γ 178.0	0.35	0.37	0.34	0.34	0.35	0.33	0.36	0.35	0.36	0.34	0.33	0.32
γ 179.0	0.35	0.37	0.34	0.34	0.34	0.33	0.37	0.36	0.35	0.34	0.36	0.33
γ 180.0	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35