

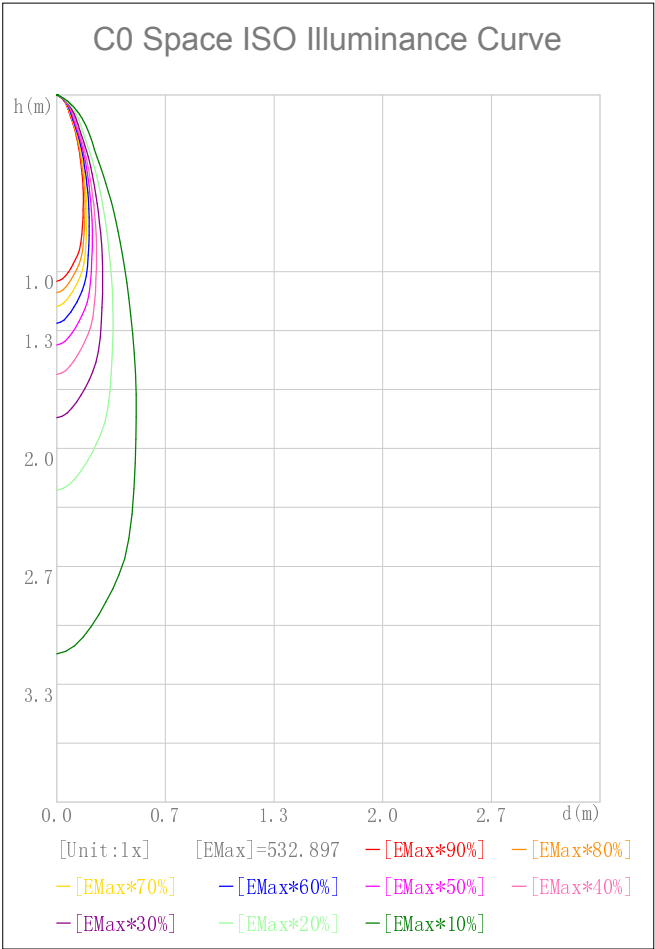
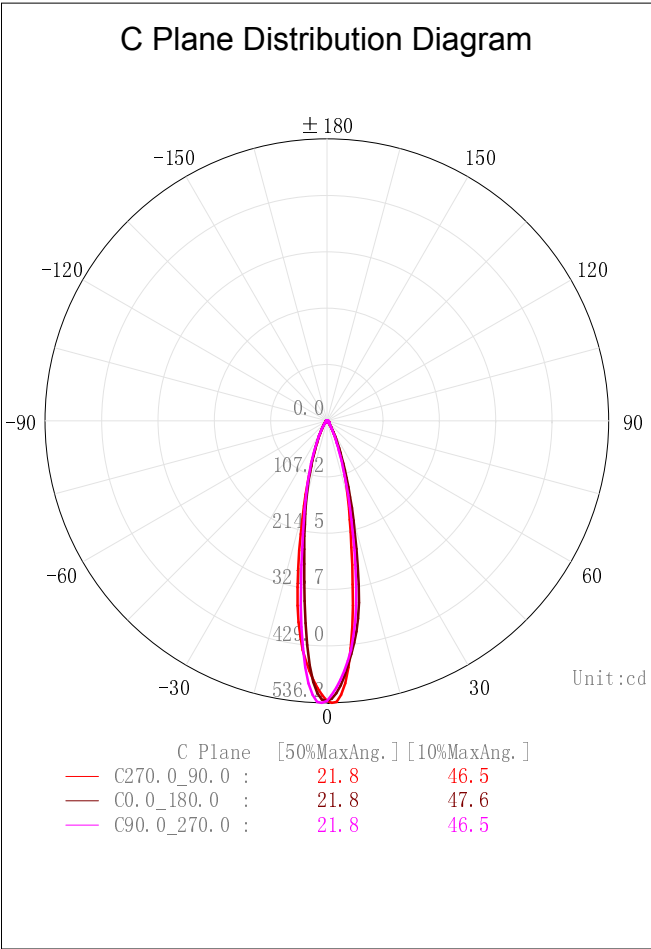
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 55252		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2019/02/23
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(%):

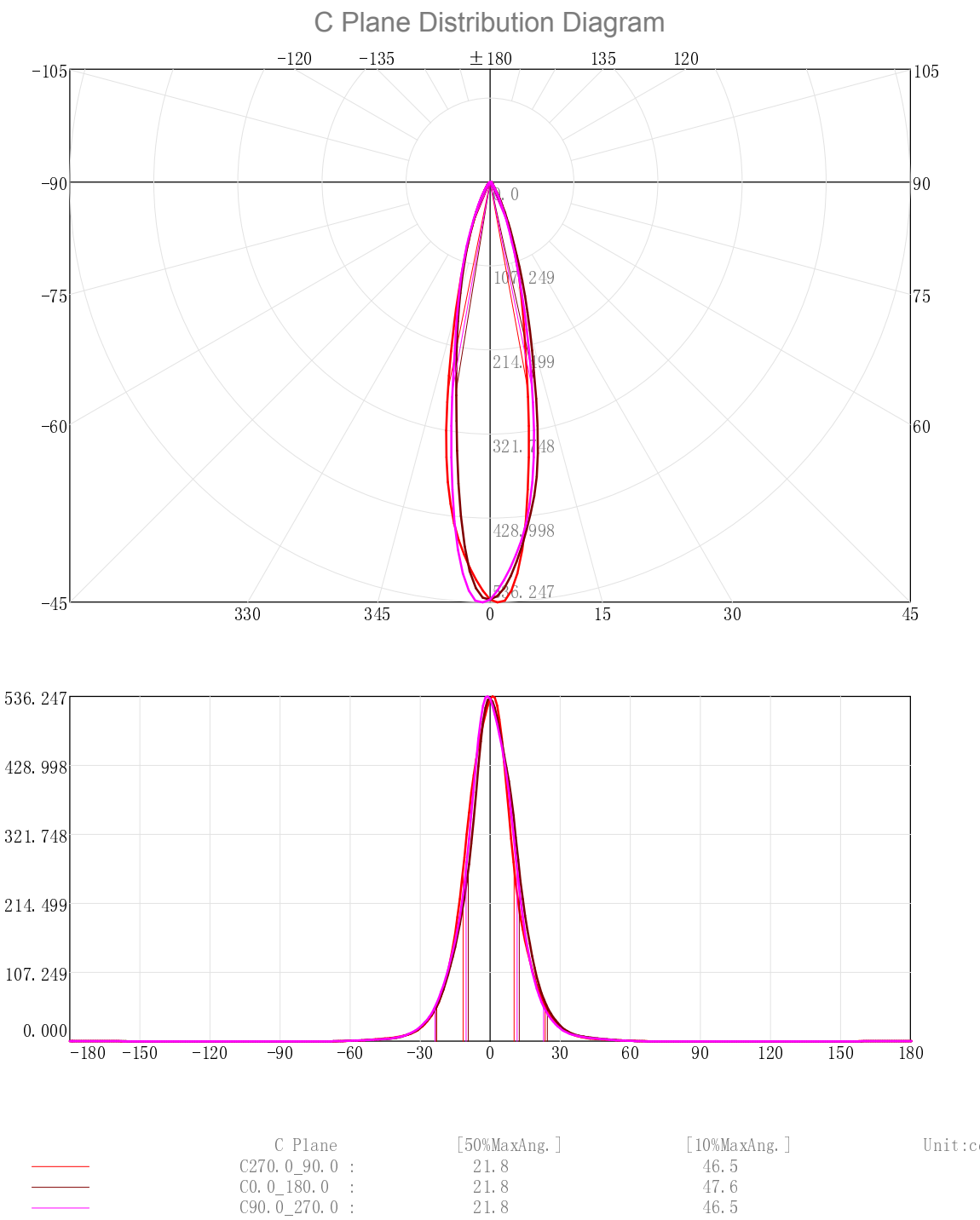
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 118.400	Luminary Flux(lm): 118.404	Field Angle(10%Imax): 46.5(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 118.205lm 99.83%	
Rated Voltage(V): 24	Luminary EER(lm/W): 38.368	Up Lumens&Percent: 0.199lm 0.17%	
Tested Power(W): 3.086	Max. Candela(cd): 536.247	S/MH: C0_a180=0.369 C90_270=0.373	
Lamps' Inside: 1	Max Cand@Ang. (°): C=270.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):19.0, 0.162	Beam Angle(50%Imax): 21.8(°)	ErP Φ use(90°): 113.659lm	
Lamp Size(W*L*H):0.050m*-0.050m*0.000m	Left=-11.5°, Right=10.3°	IRF(%): 888.781	



2D Plane Light Intensity Distribution Curve

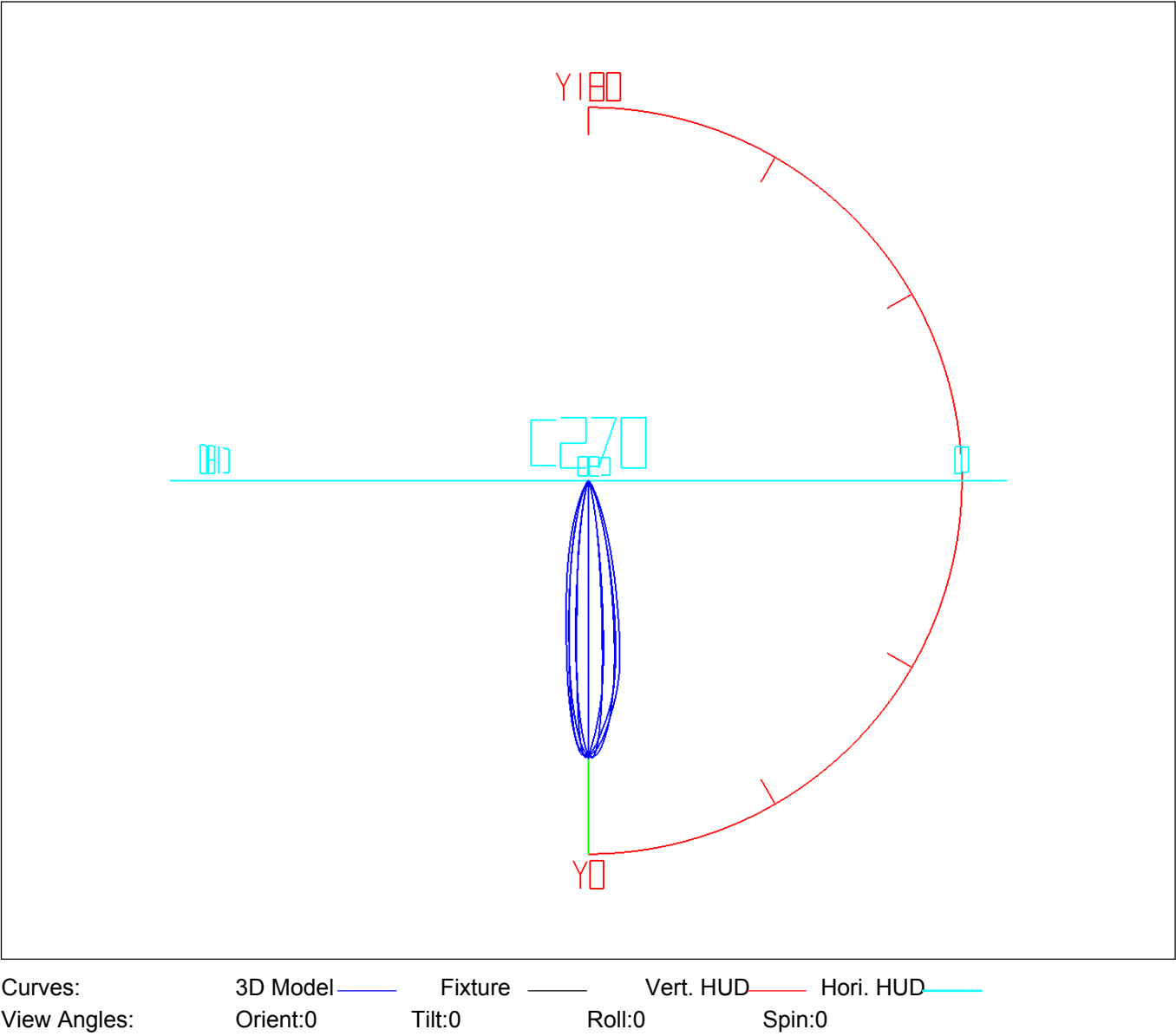
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/02/23



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: 2019/02/23

3D Light Intensity Distribution Modal



Zonal Flux Tabulation

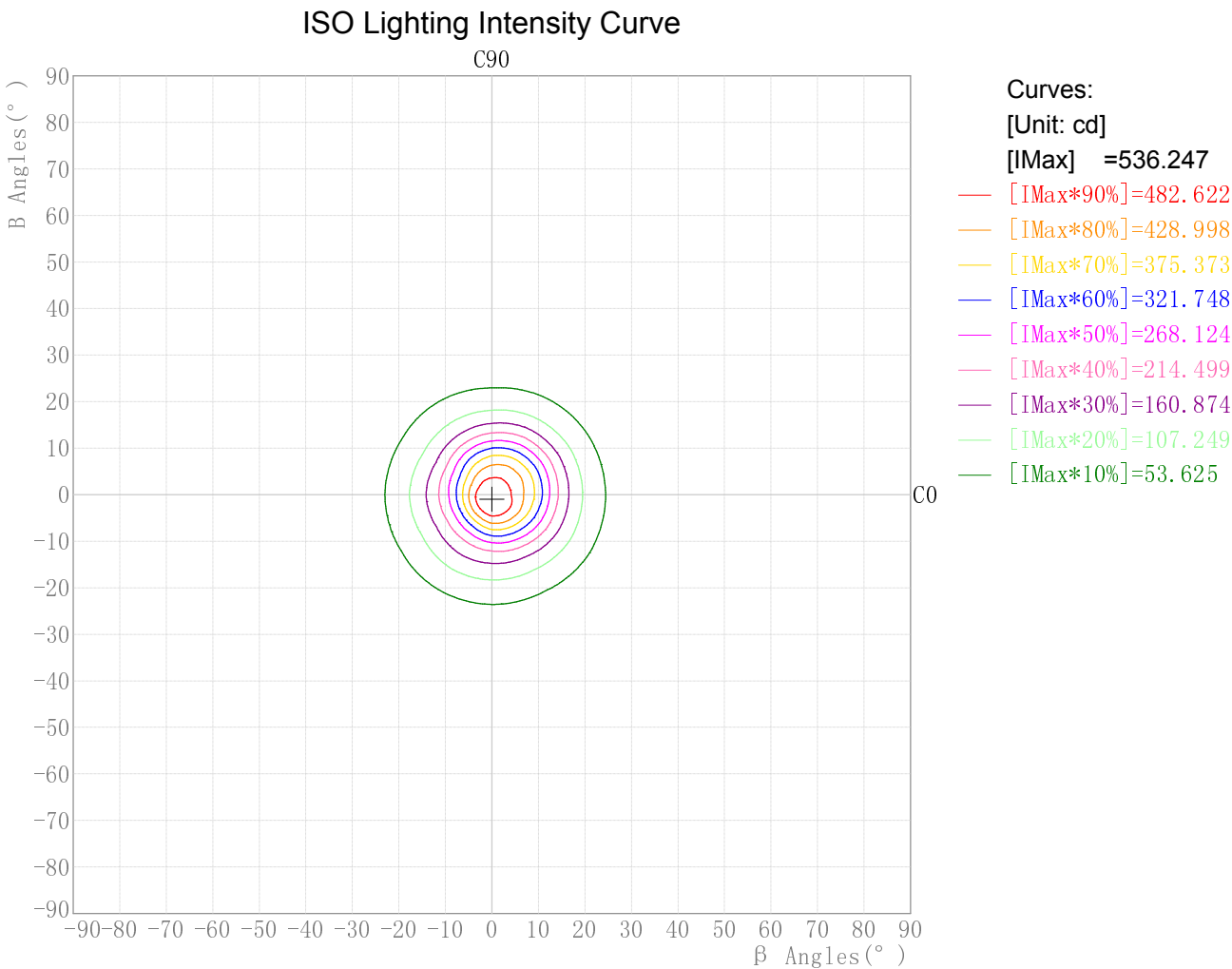
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.51	0.51	0.43	0.43	47.0-48.0	0.28	115.77	0.24	97.78
1.0-2.0	1.51	2.01	1.27	1.70	48.0-49.0	0.26	116.03	0.22	98.00
2.0-3.0	2.45	4.46	2.07	3.77	49.0-50.0	0.24	116.27	0.21	98.20
3.0-4.0	3.30	7.76	2.79	6.56	50.0-51.0	0.23	116.50	0.19	98.39
4.0-5.0	4.03	11.79	3.41	9.96	51.0-52.0	0.21	116.71	0.18	98.57
5.0-6.0	4.63	16.43	3.91	13.87	52.0-53.0	0.19	116.90	0.16	98.73
6.0-7.0	5.10	21.52	4.30	18.18	53.0-54.0	0.18	117.08	0.15	98.88
7.0-8.0	5.42	26.94	4.57	22.75	54.0-55.0	0.16	117.24	0.14	99.02
8.0-9.0	5.61	32.55	4.74	27.49	55.0-56.0	0.15	117.38	0.12	99.14
9.0-10.0	5.68	38.23	4.80	32.29	56.0-57.0	0.13	117.52	0.11	99.25
10.0-11.0	5.64	43.87	4.76	37.05	57.0-58.0	0.12	117.63	0.10	99.35
11.0-12.0	5.51	49.38	4.65	41.70	58.0-59.0	0.10	117.73	0.09	99.44
12.0-13.0	5.32	54.70	4.50	46.20	59.0-60.0	0.09	117.83	0.08	99.51
13.0-14.0	5.10	59.80	4.31	50.51	60.0-61.0	0.08	117.90	0.07	99.58
14.0-15.0	4.85	64.65	4.10	54.60	61.0-62.0	0.07	117.97	0.06	99.64
15.0-16.0	4.58	69.23	3.87	58.47	62.0-63.0	0.06	118.03	0.05	99.69
16.0-17.0	4.30	73.52	3.63	62.10	63.0-64.0	0.05	118.08	0.04	99.73
17.0-18.0	4.00	77.52	3.38	65.48	64.0-65.0	0.04	118.11	0.03	99.76
18.0-19.0	3.69	81.22	3.12	68.60	65.0-66.0	0.03	118.15	0.03	99.79
19.0-20.0	3.40	84.61	2.87	71.46	66.0-67.0	0.02	118.17	0.02	99.81
20.0-21.0	3.11	87.72	2.63	74.09	67.0-68.0	0.02	118.19	0.01	99.82
21.0-22.0	2.84	90.56	2.40	76.49	68.0-69.0	0.01	118.20	0.01	99.83
22.0-23.0	2.58	93.14	2.18	78.67	69.0-70.0	0.01	118.20	0.00	99.83
23.0-24.0	2.34	95.49	1.98	80.65	70.0-71.0	0.00	118.20	0.00	99.83
24.0-25.0	2.12	97.61	1.79	82.44	71.0-72.0	0.00	118.20	0.00	99.84
25.0-26.0	1.93	99.54	1.63	84.07	72.0-73.0	0.00	118.20	0.00	99.84
26.0-27.0	1.75	101.28	1.47	85.54	73.0-74.0	0.00	118.20	0.00	99.84
27.0-28.0	1.58	102.86	1.33	86.88	74.0-75.0	0.00	118.20	0.00	99.84
28.0-29.0	1.42	104.28	1.20	88.08	75.0-76.0	0.00	118.20	0.00	99.84
29.0-30.0	1.27	105.56	1.08	89.15	76.0-77.0	0.00	118.20	0.00	99.84
30.0-31.0	1.14	106.69	0.96	90.11	77.0-78.0	0.00	118.20	0.00	99.84
31.0-32.0	1.01	107.71	0.86	90.97	78.0-79.0	0.00	118.20	0.00	99.84
32.0-33.0	0.91	108.61	0.77	91.73	79.0-80.0	0.00	118.20	0.00	99.84
33.0-34.0	0.82	109.43	0.69	92.42	80.0-81.0	0.00	118.20	0.00	99.84
34.0-35.0	0.74	110.17	0.62	93.05	81.0-82.0	0.00	118.20	0.00	99.84
35.0-36.0	0.67	110.83	0.56	93.61	82.0-83.0	0.00	118.20	0.00	99.84
36.0-37.0	0.60	111.43	0.51	94.12	83.0-84.0	0.00	118.20	0.00	99.84
37.0-38.0	0.55	111.99	0.47	94.58	84.0-85.0	0.00	118.20	0.00	99.84
38.0-39.0	0.51	112.49	0.43	95.01	85.0-86.0	0.00	118.20	0.00	99.84
39.0-40.0	0.47	112.96	0.39	95.40	86.0-87.0	0.00	118.20	0.00	99.84
40.0-41.0	0.43	113.39	0.37	95.77	87.0-88.0	0.00	118.20	0.00	99.84
41.0-42.0	0.41	113.80	0.34	96.11	88.0-89.0	0.00	118.20	0.00	99.84
42.0-43.0	0.38	114.18	0.32	96.43	89.0-90.0	0.00	118.20	0.00	99.84
43.0-44.0	0.36	114.54	0.30	96.74	90.0-91.0	0.00	118.20	0.00	99.84
44.0-45.0	0.34	114.87	0.28	97.02	91.0-92.0	0.00	118.20	0.00	99.84
45.0-46.0	0.32	115.19	0.27	97.29	92.0-93.0	0.00	118.20	0.00	99.84
46.0-47.0	0.30	115.49	0.25	97.54	93.0-94.0	0.00	118.20	0.00	99.84

Zonal Flux Tabulation - (Cont.)

Zone(γ)	Zone Flux (1m)	Sums Flux (1m)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (1m)	Sums Flux (1m)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.00	118.20	0.00	99.84	141.0-142.0	0.00	118.20	0.00	99.84
95.0-96.0	0.00	118.20	0.00	99.84	142.0-143.0	0.00	118.20	0.00	99.84
96.0-97.0	0.00	118.20	0.00	99.84	143.0-144.0	0.00	118.20	0.00	99.84
97.0-98.0	0.00	118.20	0.00	99.84	144.0-145.0	0.00	118.20	0.00	99.84
98.0-99.0	0.00	118.20	0.00	99.84	145.0-146.0	0.00	118.20	0.00	99.84
99.0-100.0	0.00	118.20	0.00	99.84	146.0-147.0	0.00	118.20	0.00	99.84
100.0-101.0	0.00	118.20	0.00	99.84	147.0-148.0	0.00	118.20	0.00	99.84
101.0-102.0	0.00	118.20	0.00	99.84	148.0-149.0	0.00	118.20	0.00	99.84
102.0-103.0	0.00	118.20	0.00	99.84	149.0-150.0	0.00	118.20	0.00	99.84
103.0-104.0	0.00	118.20	0.00	99.84	150.0-151.0	0.00	118.20	0.00	99.84
104.0-105.0	0.00	118.20	0.00	99.84	151.0-152.0	0.00	118.21	0.00	99.84
105.0-106.0	0.00	118.20	0.00	99.84	152.0-153.0	0.00	118.21	0.00	99.84
106.0-107.0	0.00	118.20	0.00	99.84	153.0-154.0	0.00	118.21	0.00	99.84
107.0-108.0	0.00	118.20	0.00	99.84	154.0-155.0	0.00	118.21	0.00	99.84
108.0-109.0	0.00	118.20	0.00	99.84	155.0-156.0	0.01	118.22	0.00	99.85
109.0-110.0	0.00	118.20	0.00	99.84	156.0-157.0	0.01	118.23	0.01	99.85
110.0-111.0	0.00	118.20	0.00	99.84	157.0-158.0	0.01	118.23	0.01	99.86
111.0-112.0	0.00	118.20	0.00	99.84	158.0-159.0	0.01	118.24	0.01	99.87
112.0-113.0	0.00	118.20	0.00	99.84	159.0-160.0	0.01	118.25	0.01	99.88
113.0-114.0	0.00	118.20	0.00	99.84	160.0-161.0	0.01	118.27	0.01	99.89
114.0-115.0	0.00	118.20	0.00	99.84	161.0-162.0	0.01	118.28	0.01	99.90
115.0-116.0	0.00	118.20	0.00	99.84	162.0-163.0	0.01	118.29	0.01	99.91
116.0-117.0	0.00	118.20	0.00	99.84	163.0-164.0	0.01	118.30	0.01	99.92
117.0-118.0	0.00	118.20	0.00	99.84	164.0-165.0	0.01	118.31	0.01	99.92
118.0-119.0	0.00	118.20	0.00	99.84	165.0-166.0	0.01	118.32	0.01	99.93
119.0-120.0	0.00	118.20	0.00	99.84	166.0-167.0	0.01	118.33	0.01	99.94
120.0-121.0	0.00	118.20	0.00	99.84	167.0-168.0	0.01	118.34	0.01	99.95
121.0-122.0	0.00	118.20	0.00	99.84	168.0-169.0	0.01	118.35	0.01	99.96
122.0-123.0	0.00	118.20	0.00	99.84	169.0-170.0	0.01	118.36	0.01	99.97
123.0-124.0	0.00	118.20	0.00	99.84	170.0-171.0	0.01	118.37	0.01	99.97
124.0-125.0	0.00	118.20	0.00	99.84	171.0-172.0	0.01	118.38	0.01	99.98
125.0-126.0	0.00	118.20	0.00	99.84	172.0-173.0	0.01	118.38	0.01	99.99
126.0-127.0	0.00	118.20	0.00	99.84	173.0-174.0	0.01	118.39	0.00	99.99
127.0-128.0	0.00	118.20	0.00	99.84	174.0-175.0	0.00	118.39	0.00	99.99
128.0-129.0	0.00	118.20	0.00	99.84	175.0-176.0	0.00	118.40	0.00	100.00
129.0-130.0	0.00	118.20	0.00	99.84	176.0-177.0	0.00	118.40	0.00	100.00
130.0-131.0	0.00	118.20	0.00	99.84	177.0-178.0	0.00	118.40	0.00	100.00
131.0-132.0	0.00	118.20	0.00	99.84	178.0-179.0	0.00	118.40	0.00	100.00
132.0-133.0	0.00	118.20	0.00	99.84	179.0-180.0	0.00	118.40	0.00	100.00
133.0-134.0	0.00	118.20	0.00	99.84					
134.0-135.0	0.00	118.20	0.00	99.84					
135.0-136.0	0.00	118.20	0.00	99.84					
136.0-137.0	0.00	118.20	0.00	99.84					
137.0-138.0	0.00	118.20	0.00	99.84					
138.0-139.0	0.00	118.20	0.00	99.84					
139.0-140.0	0.00	118.20	0.00	99.84					
140.0-141.0	0.00	118.20	0.00	99.84					

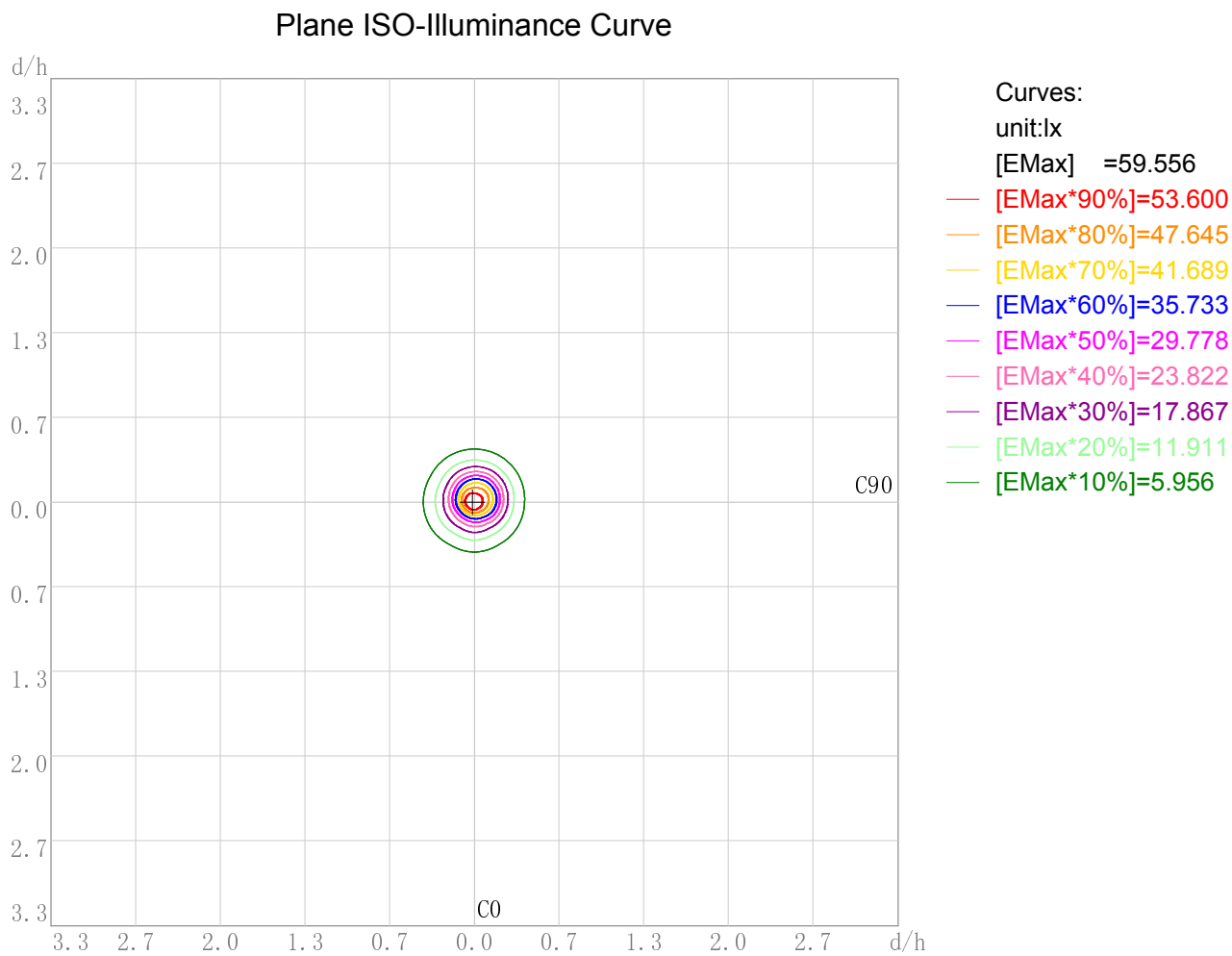
Rectangle ISO Lighting Intensity Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/02/23



Plane ISO-Illuminance Diagram

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/02/23

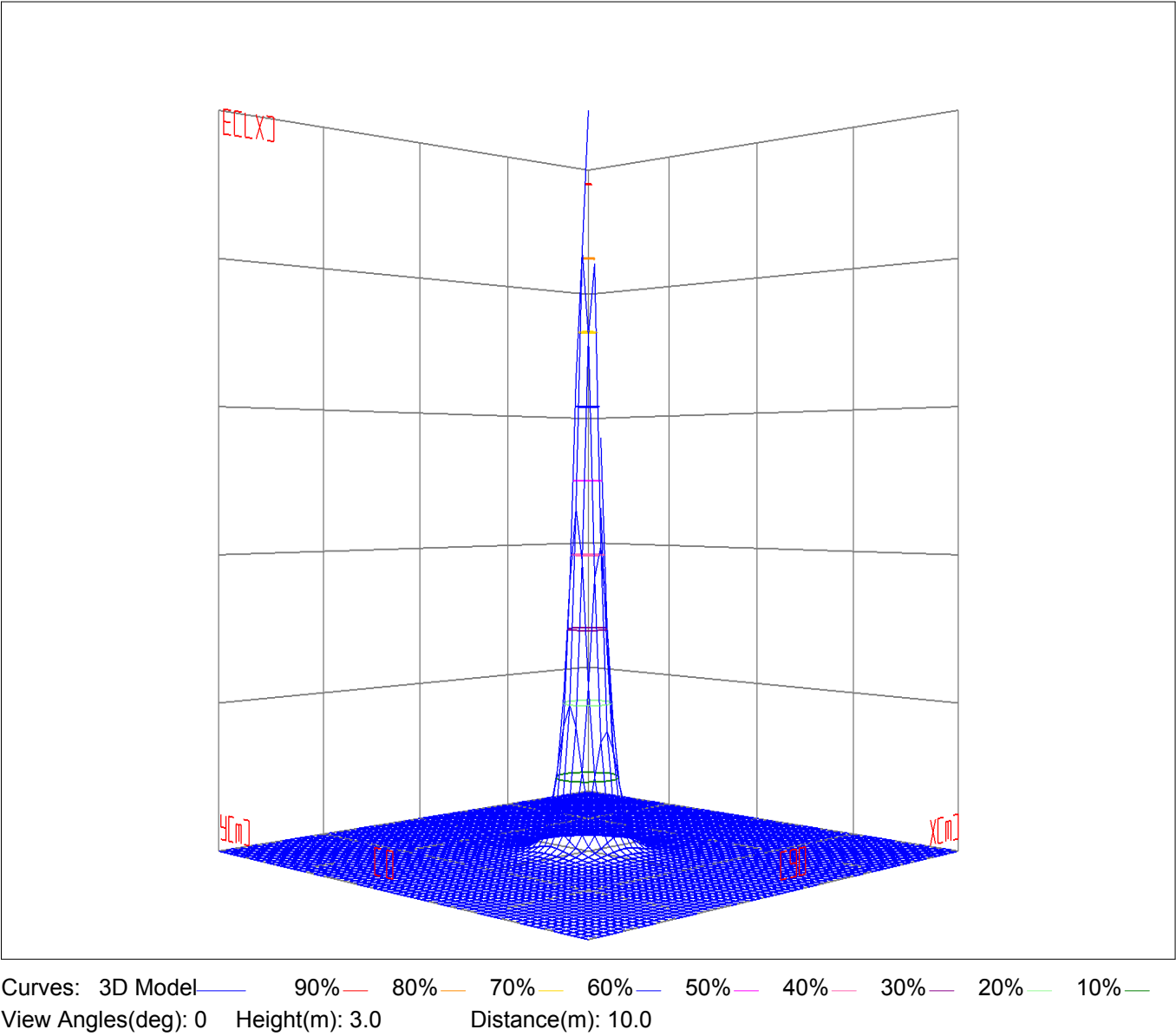


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 59.56
Working Plane Maximum Illuminance Position(d/h):H-0.0 V-0.0

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: 2019/02/23

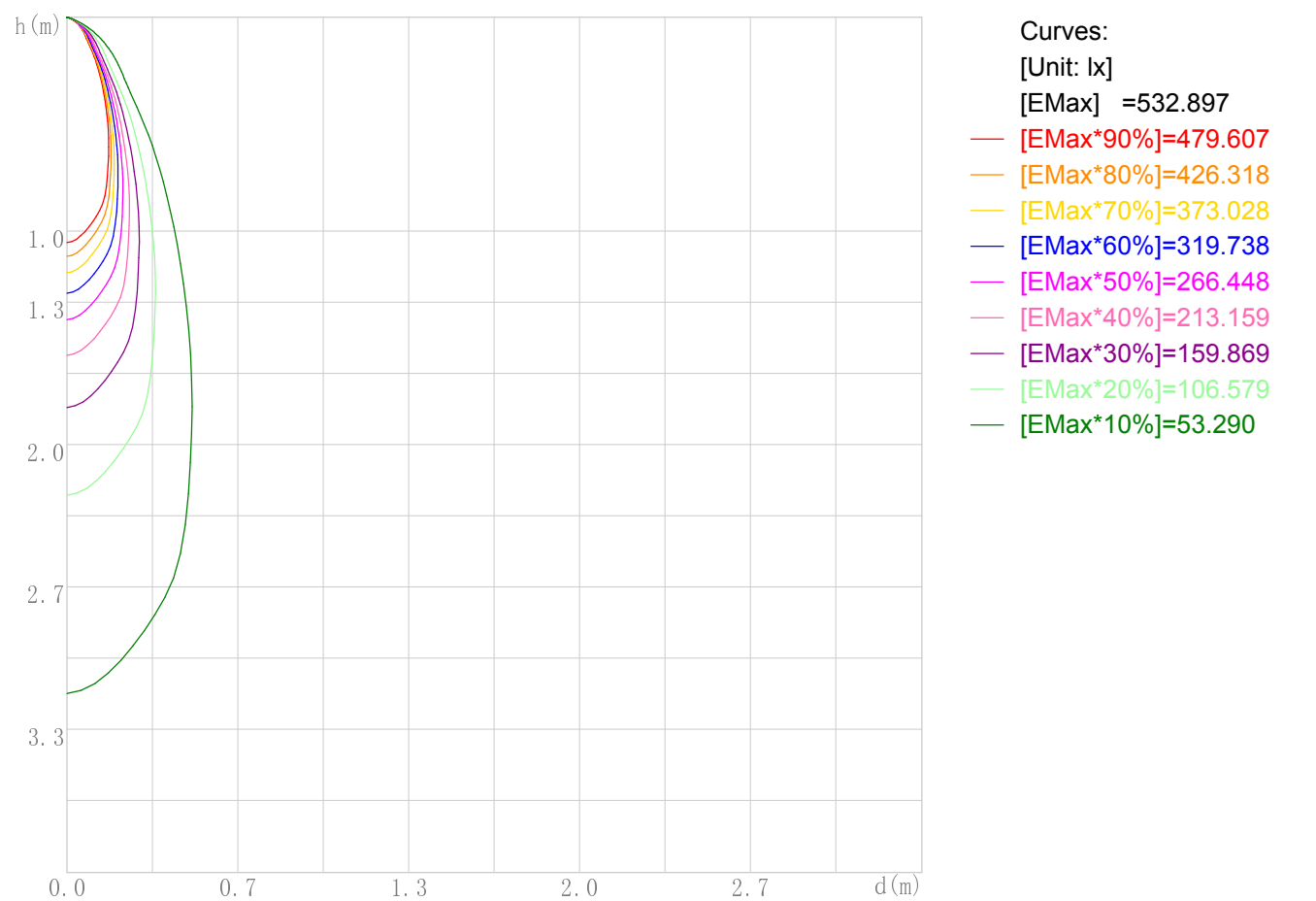
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/02/23

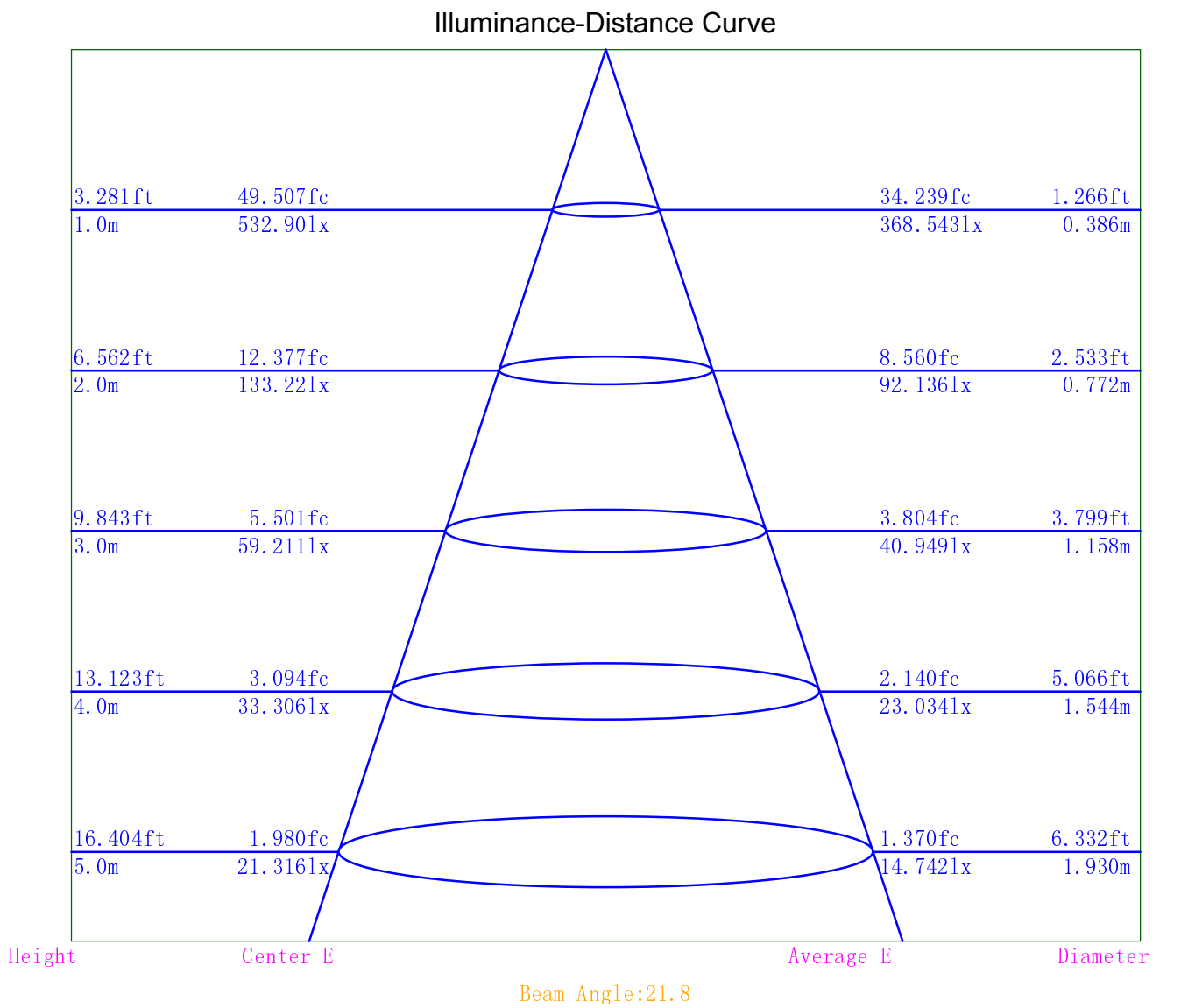
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:532.90lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:532.897cd,0deg

Illuminance-Distance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/02/23



Indoor Luminance Limiting Curves

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/02/23

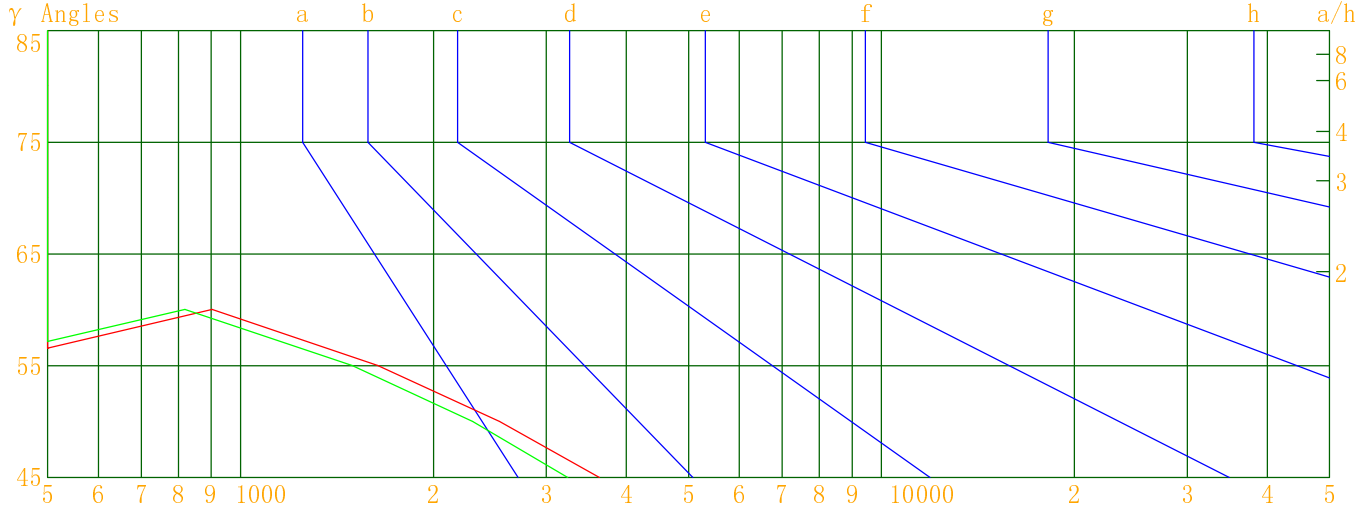
Glare Grade Table

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	3628	2535	1636	902	386	7	0	0	0
C90	3238	2302	1493	819	347	0	0	0	0

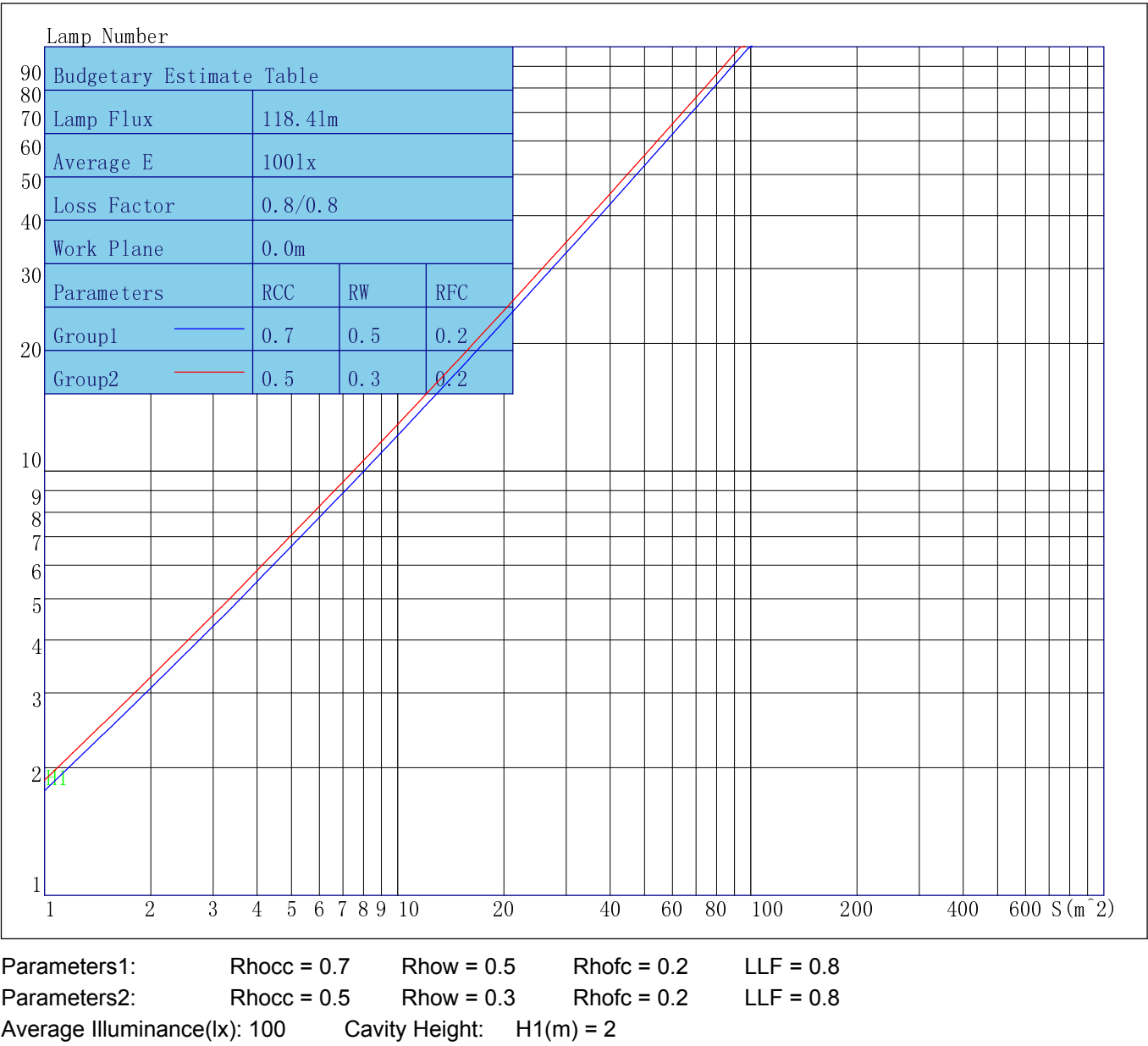
Luminance Limiting Curve



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: 2019/02/23



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: 2019/02/23

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	50	30	10	0
RCR	Coefficient of Utilization(%)																				
0	119	119	119	119	116	116	116	116	111	111	111	111	106	106	106	106	102	102	102	100	
1	115	112	110	109	112	110	108	107	106	105	104	104	103	101	100	100	99	98	98	96	
2	110	107	103	101	108	105	102	100	102	99	97	97	99	97	95	95	96	95	93	92	
3	107	101	98	94	105	100	97	94	98	95	92	92	95	93	91	91	93	91	89	88	
4	103	97	93	89	101	96	92	89	94	90	88	88	92	89	87	87	90	88	86	85	
5	99	93	88	85	98	92	88	85	90	87	84	84	89	86	83	83	87	85	83	81	
6	96	89	85	81	95	89	84	81	87	83	81	81	86	83	80	80	85	82	80	79	
7	93	86	81	78	92	85	81	78	84	80	78	78	83	80	77	77	82	79	77	76	
8	90	83	79	75	89	83	78	75	82	78	75	75	81	77	75	75	80	77	74	73	
9	88	80	76	73	87	80	76	73	79	75	73	73	78	75	72	72	77	74	72	71	
10	85	78	73	71	84	77	73	70	77	73	70	70	76	73	70	70	75	72	70	69	

Unified Glare Rating Table

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/02/23

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	9.3	10.2	9.6	10.5	10.9	8.6	9.5	8.9	9.8	10.2
	9.1	9.9	9.5	10.3	10.6	8.4	9.2	8.8	9.6	9.9
	9.0	9.8	9.4	10.1	10.5	8.3	9.1	8.7	9.4	9.8
	8.9	9.6	9.3	9.9	10.4	8.2	8.9	8.6	9.3	9.7
	8.8	9.5	9.2	9.9	10.3	8.1	8.8	8.5	9.2	9.6
	8.7	9.4	9.2	9.8	10.2	8.0	8.7	8.5	9.1	9.5
X=4H Y=2H	9.1	9.8	9.5	10.2	10.6	8.4	9.1	8.8	9.5	9.9
	8.9	9.5	9.3	9.9	10.3	8.2	8.8	8.6	9.2	9.6
	8.7	9.3	9.2	9.7	10.2	8.0	8.6	8.5	9.0	9.5
	8.6	9.1	9.1	9.6	10.0	7.9	8.4	8.4	8.9	9.3
	8.5	9.0	9.0	9.4	9.9	7.8	8.3	8.3	8.8	9.2
	8.5	8.9	9.0	9.4	9.8	7.8	8.2	8.3	8.7	9.2
X=8H Y=4H	8.5	9.0	9.0	9.4	9.9	7.8	8.3	8.3	8.8	9.2
	8.4	8.8	8.9	9.3	9.8	7.7	8.1	8.2	8.6	9.1
	8.3	8.7	8.9	9.2	9.7	7.6	8.0	8.2	8.5	9.0
	8.3	8.6	8.8	9.1	9.6	7.6	7.9	8.1	8.4	9.0
X=12H Y=4H	8.5	8.9	9.0	9.4	9.8	7.8	8.2	8.3	8.7	9.2
	8.3	8.7	8.9	9.1	9.7	7.6	8.0	8.2	8.5	9.0
	8.3	8.6	8.8	9.1	9.6	7.6	7.9	8.1	8.4	9.0
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	7.2/0.0					7.5/0.0				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	0.1					0.1				

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

IES Indoor Report

Photometric Filename:UL-1001-25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	532. 90	532. 90	532. 90	532. 90	532. 90	532. 90	532. 90	532. 90	532. 90	532. 90	532. 90	532. 90
γ 1. 0	528. 34	525. 10	523. 35	521. 59	524. 57	526. 86	530. 55	533. 61	535. 15	536. 25	535. 21	533. 98
γ 2. 0	518. 49	513. 65	510. 58	508. 16	510. 39	510. 68	518. 60	524. 91	528. 63	534. 46	531. 81	528. 77
γ 3. 0	503. 33	498. 82	497. 62	492. 98	491. 71	487. 53	497. 36	505. 29	511. 67	521. 91	519. 64	516. 46
γ 4. 0	485. 61	483. 60	482. 65	476. 38	470. 10	458. 94	466. 19	473. 72	484. 17	500. 55	500. 35	498. 47
γ 5. 0	465. 87	469. 28	466. 91	458. 57	444. 92	427. 35	427. 68	434. 21	447. 53	470. 77	475. 82	478. 13
γ 6. 0	445. 82	453. 35	449. 85	438. 14	417. 73	391. 42	386. 86	391. 10	405. 27	434. 78	446. 87	454. 06
γ 7. 0	425. 22	434. 55	430. 36	413. 55	388. 47	354. 93	345. 50	346. 89	361. 13	395. 08	413. 42	426. 40
γ 8. 0	404. 24	412. 72	406. 45	386. 44	357. 87	319. 29	307. 91	305. 20	319. 35	354. 55	376. 16	396. 29
γ 9. 0	380. 60	386. 37	377. 58	355. 62	325. 46	287. 06	275. 52	270. 15	282. 78	314. 96	337. 62	363. 94
γ 10. 0	351. 22	356. 66	345. 47	321. 80	291. 77	255. 43	247. 83	240. 95	251. 59	278. 46	301. 89	330. 39
γ 11. 0	317. 02	324. 48	311. 77	286. 24	258. 67	226. 23	223. 59	215. 92	224. 76	245. 22	267. 85	297. 02
γ 12. 0	282. 58	291. 23	278. 35	252. 45	228. 07	199. 96	201. 74	194. 04	202. 64	216. 62	237. 06	264. 66
γ 13. 0	249. 83	259. 21	246. 41	221. 44	200. 21	177. 63	182. 07	174. 36	184. 31	193. 25	209. 47	235. 21
γ 14. 0	221. 26	228. 31	217. 02	193. 37	175. 08	157. 73	163. 62	156. 27	167. 56	173. 98	185. 00	208. 58
γ 15. 0	195. 98	200. 61	189. 93	167. 94	153. 59	140. 16	146. 47	139. 59	151. 91	156. 63	163. 79	184. 55
γ 16. 0	172. 51	175. 29	164. 56	145. 67	134. 77	124. 73	131. 23	124. 54	136. 51	140. 23	145. 65	163. 99
γ 17. 0	151. 77	152. 38	142. 35	125. 94	118. 29	109. 81	116. 88	111. 31	121. 77	125. 60	128. 81	145. 18
γ 18. 0	132. 48	132. 04	122. 60	109. 10	103. 53	96. 55	103. 73	99. 10	107. 97	111. 61	113. 61	127. 74
γ 19. 0	114. 95	114. 33	105. 45	94. 65	90. 47	84. 87	91. 48	87. 11	95. 37	98. 43	99. 46	111. 82
γ 20. 0	99. 88	98. 62	90. 92	81. 87	79. 00	74. 66	80. 47	76. 34	84. 21	87. 19	87. 13	97. 74
γ 21. 0	86. 70	85. 25	78. 80	70. 84	68. 99	65. 98	70. 43	67. 01	73. 97	76. 95	76. 38	84. 91
γ 22. 0	75. 54	73. 50	68. 11	61. 36	60. 31	58. 09	61. 25	59. 14	64. 40	67. 19	66. 68	73. 74
γ 23. 0	65. 65	63. 45	58. 99	53. 06	53. 01	50. 93	53. 58	52. 18	55. 77	58. 33	57. 77	64. 03
γ 24. 0	56. 97	54. 95	51. 05	46. 06	46. 55	44. 95	47. 17	46. 07	48. 40	50. 41	50. 04	55. 80
γ 25. 0	49. 77	47. 69	44. 33	40. 36	40. 51	39. 75	41. 69	40. 55	42. 26	43. 77	43. 70	48. 47
γ 26. 0	43. 38	41. 55	38. 55	35. 31	35. 08	34. 92	36. 80	35. 50	37. 05	38. 26	38. 41	42. 02
γ 27. 0	37. 75	35. 93	33. 31	30. 87	30. 44	30. 67	32. 29	31. 25	32. 49	33. 63	33. 75	36. 77
γ 28. 0	32. 95	30. 96	28. 78	26. 90	26. 32	26. 69	28. 22	27. 50	28. 62	29. 60	29. 77	32. 29
γ 29. 0	28. 74	26. 42	24. 82	23. 41	22. 67	23. 25	24. 51	24. 11	24. 98	25. 98	26. 10	28. 36
γ 30. 0	24. 74	22. 51	21. 33	20. 27	19. 73	20. 08	21. 30	21. 09	21. 64	22. 62	22. 58	24. 81
γ 31. 0	21. 13	19. 38	18. 45	17. 58	17. 07	17. 36	18. 35	18. 29	18. 82	19. 71	19. 50	21. 55
γ 32. 0	18. 33	16. 97	16. 17	15. 35	15. 05	15. 26	15. 95	15. 65	16. 28	17. 08	16. 91	18. 53
γ 33. 0	15. 93	15. 15	14. 30	13. 44	13. 28	13. 40	14. 01	13. 47	14. 08	14. 87	14. 66	15. 70
γ 34. 0	13. 82	13. 52	12. 80	11. 93	11. 63	11. 72	12. 37	11. 71	12. 30	13. 01	12. 84	13. 50
γ 35. 0	12. 12	12. 09	11. 48	10. 69	10. 10	10. 23	10. 92	10. 27	10. 78	11. 36	11. 26	11. 82
γ 36. 0	10. 81	10. 91	10. 40	9. 65	8. 98	8. 94	9. 60	8. 93	9. 50	9. 89	9. 61	10. 39
γ 37. 0	9. 75	9. 88	9. 49	8. 72	8. 06	7. 86	8. 44	7. 76	8. 30	8. 68	8. 26	9. 31
γ 38. 0	8. 90	8. 94	8. 72	7. 96	7. 31	6. 98	7. 39	6. 78	7. 27	7. 56	7. 28	8. 41
γ 39. 0	8. 19	8. 14	8. 03	7. 28	6. 63	6. 18	6. 46	6. 02	6. 41	6. 58	6. 59	7. 61
γ 40. 0	7. 55	7. 51	7. 39	6. 67	6. 05	5. 59	5. 69	5. 41	5. 67	5. 93	6. 08	6. 88
γ 41. 0	6. 96	6. 96	6. 81	6. 14	5. 61	5. 09	5. 12	4. 88	5. 05	5. 31	5. 61	6. 33
γ 42. 0	6. 42	6. 43	6. 25	5. 69	5. 16	4. 69	4. 68	4. 48	4. 54	4. 81	5. 16	5. 84
γ 43. 0	5. 93	5. 98	5. 74	5. 27	4. 75	4. 34	4. 30	4. 14	4. 20	4. 44	4. 76	5. 36
γ 44. 0	5. 48	5. 54	5. 32	4. 87	4. 37	4. 03	3. 96	3. 84	3. 88	4. 11	4. 36	4. 94
γ 45. 0	5. 04	5. 09	4. 92	4. 49	4. 06	3. 74	3. 68	3. 57	3. 60	3. 81	4. 03	4. 58
γ 46. 0	4. 62	4. 65	4. 53	4. 15	3. 75	3. 46	3. 40	3. 34	3. 35	3. 54	3. 73	4. 25

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	4. 23	4. 27	4. 14	3. 81	3. 47	3. 19	3. 16	3. 11	3. 12	3. 29	3. 45	3. 89
γ 48. 0	3. 86	3. 91	3. 78	3. 48	3. 21	2. 95	2. 94	2. 90	2. 90	3. 04	3. 20	3. 56
γ 49. 0	3. 51	3. 56	3. 45	3. 19	2. 96	2. 72	2. 72	2. 68	2. 68	2. 84	2. 94	3. 26
γ 50. 0	3. 20	3. 25	3. 14	2. 90	2. 68	2. 51	2. 53	2. 49	2. 49	2. 62	2. 71	2. 97
γ 51. 0	2. 91	2. 93	2. 85	2. 64	2. 45	2. 30	2. 34	2. 30	2. 31	2. 43	2. 48	2. 71
γ 52. 0	2. 62	2. 62	2. 57	2. 37	2. 23	2. 12	2. 16	2. 13	2. 13	2. 24	2. 28	2. 45
γ 53. 0	2. 36	2. 33	2. 28	2. 13	2. 02	1. 93	1. 99	1. 98	1. 97	2. 05	2. 08	2. 20
γ 54. 0	2. 08	2. 06	2. 04	1. 89	1. 82	1. 74	1. 82	1. 83	1. 81	1. 88	1. 89	1. 98
γ 55. 0	1. 84	1. 83	1. 80	1. 68	1. 62	1. 56	1. 65	1. 66	1. 65	1. 72	1. 70	1. 77
γ 56. 0	1. 62	1. 62	1. 58	1. 48	1. 42	1. 39	1. 48	1. 51	1. 50	1. 57	1. 53	1. 56
γ 57. 0	1. 43	1. 42	1. 36	1. 28	1. 25	1. 24	1. 33	1. 38	1. 35	1. 40	1. 37	1. 37
γ 58. 0	1. 21	1. 24	1. 16	1. 10	1. 09	1. 10	1. 17	1. 22	1. 21	1. 24	1. 18	1. 21
γ 59. 0	1. 04	1. 06	1. 00	0. 95	0. 94	0. 95	1. 04	1. 09	1. 05	1. 11	1. 04	1. 04
γ 60. 0	0. 89	0. 90	0. 86	0. 80	0. 79	0. 81	0. 90	0. 95	0. 94	0. 97	0. 92	0. 90
γ 61. 0	0. 76	0. 75	0. 72	0. 68	0. 68	0. 69	0. 78	0. 83	0. 82	0. 85	0. 77	0. 77
γ 62. 0	0. 63	0. 61	0. 58	0. 56	0. 57	0. 59	0. 67	0. 71	0. 71	0. 73	0. 66	0. 64
γ 63. 0	0. 52	0. 51	0. 48	0. 46	0. 49	0. 49	0. 55	0. 61	0. 59	0. 62	0. 56	0. 54
γ 64. 0	0. 43	0. 41	0. 38	0. 37	0. 40	0. 41	0. 45	0. 51	0. 51	0. 52	0. 46	0. 43
γ 65. 0	0. 32	0. 34	0. 31	0. 29	0. 30	0. 33	0. 36	0. 41	0. 40	0. 42	0. 37	0. 34
γ 66. 0	0. 24	0. 26	0. 23	0. 21	0. 23	0. 25	0. 29	0. 34	0. 32	0. 35	0. 29	0. 26
γ 67. 0	0. 17	0. 17	0. 15	0. 14	0. 17	0. 20	0. 22	0. 27	0. 24	0. 28	0. 21	0. 20
γ 68. 0	0. 11	0. 11	0. 07	0. 07	0. 11	0. 13	0. 16	0. 20	0. 17	0. 20	0. 15	0. 13
γ 69. 0	0. 05	0. 05	0. 03	0. 02	0. 05	0. 08	0. 09	0. 13	0. 11	0. 14	0. 10	0. 08
γ 70. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 01	0. 04	0. 07	0. 07	0. 08	0. 04	0. 03
γ 71. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 02	0. 01	0. 03	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

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	0.01	0.00	0.00	0.00	0.00
γ 152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.04	0.01	0.00	0.00
γ 153.0	0.00	0.00	0.00	0.00	0.02	0.04	0.10	0.10	0.08	0.06	0.04	0.00
γ 154.0	0.01	0.00	0.00	0.03	0.06	0.08	0.13	0.14	0.12	0.10	0.07	0.05
γ 155.0	0.04	0.04	0.05	0.06	0.11	0.13	0.18	0.18	0.15	0.14	0.12	0.09
γ 156.0	0.09	0.08	0.09	0.11	0.15	0.17	0.22	0.21	0.20	0.19	0.17	0.13
γ 157.0	0.12	0.12	0.12	0.14	0.17	0.21	0.26	0.25	0.24	0.21	0.20	0.18
γ 158.0	0.16	0.16	0.16	0.18	0.22	0.23	0.28	0.28	0.26	0.25	0.24	0.21
γ 159.0	0.21	0.20	0.19	0.23	0.25	0.27	0.31	0.31	0.29	0.29	0.27	0.25
γ 160.0	0.24	0.23	0.24	0.26	0.29	0.29	0.33	0.33	0.32	0.32	0.30	0.28
γ 161.0	0.26	0.26	0.27	0.28	0.31	0.33	0.37	0.35	0.34	0.33	0.33	0.31
γ 162.0	0.29	0.28	0.30	0.31	0.33	0.35	0.38	0.37	0.35	0.35	0.36	0.33
γ 163.0	0.33	0.31	0.32	0.34	0.36	0.37	0.40	0.39	0.38	0.38	0.36	0.36
γ 164.0	0.35	0.34	0.35	0.36	0.37	0.38	0.41	0.40	0.40	0.39	0.40	0.37
γ 165.0	0.37	0.36	0.36	0.38	0.39	0.40	0.42	0.42	0.40	0.42	0.41	0.39
γ 166.0	0.38	0.38	0.37	0.39	0.41	0.41	0.44	0.42	0.42	0.42	0.43	0.42
γ 167.0	0.41	0.40	0.38	0.40	0.41	0.43	0.44	0.43	0.42	0.43	0.44	0.43
γ 168.0	0.41	0.42	0.40	0.41	0.44	0.42	0.44	0.43	0.43	0.43	0.44	0.44
γ 169.0	0.43	0.44	0.42	0.43	0.44	0.44	0.46	0.44	0.44	0.44	0.45	0.46
γ 170.0	0.43	0.44	0.43	0.43	0.44	0.45	0.45	0.44	0.43	0.44	0.46	0.45
γ 171.0	0.46	0.45	0.43	0.44	0.44	0.45	0.45	0.44	0.44	0.44	0.45	0.46
γ 172.0	0.47	0.45	0.44	0.44	0.45	0.44	0.46	0.43	0.44	0.45	0.45	0.46
γ 173.0	0.46	0.45	0.45	0.44	0.44	0.44	0.46	0.44	0.44	0.46	0.45	0.46
γ 174.0	0.46	0.45	0.44	0.44	0.45	0.44	0.46	0.44	0.44	0.46	0.45	0.46
γ 175.0	0.47	0.45	0.44	0.44	0.45	0.44	0.46	0.45	0.44	0.45	0.46	0.46
γ 176.0	0.46	0.45	0.44	0.44	0.44	0.45	0.47	0.46	0.44	0.45	0.45	0.46
γ 177.0	0.47	0.46	0.44	0.44	0.45	0.44	0.48	0.44	0.44	0.46	0.46	0.47
γ 178.0	0.46	0.44	0.44	0.44	0.46	0.45	0.47	0.46	0.45	0.47	0.46	0.46
γ 179.0	0.47	0.46	0.45	0.45	0.47	0.47	0.47	0.46	0.45	0.47	0.46	0.47
γ 180.0	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46