

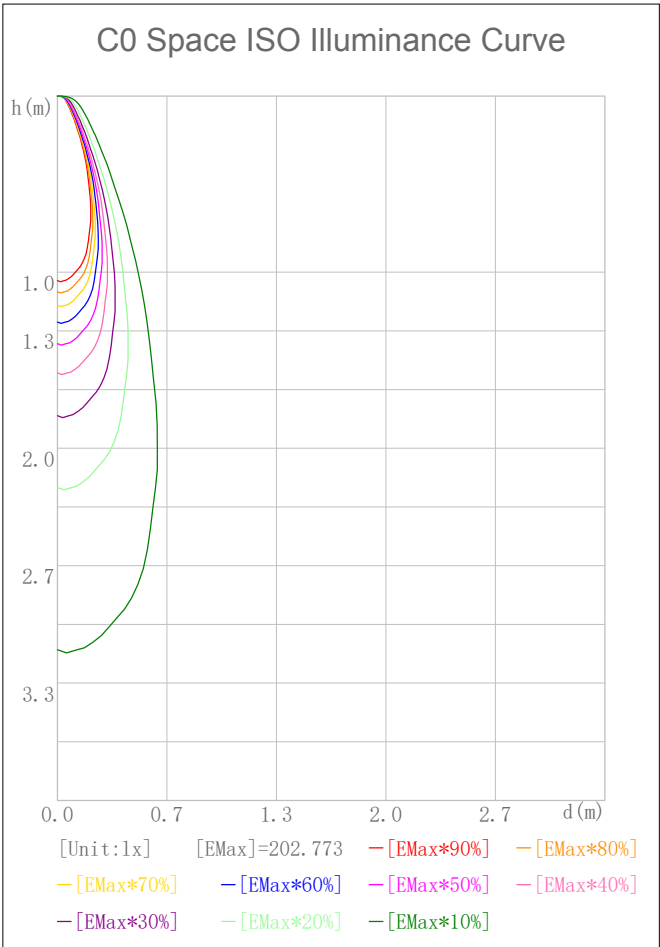
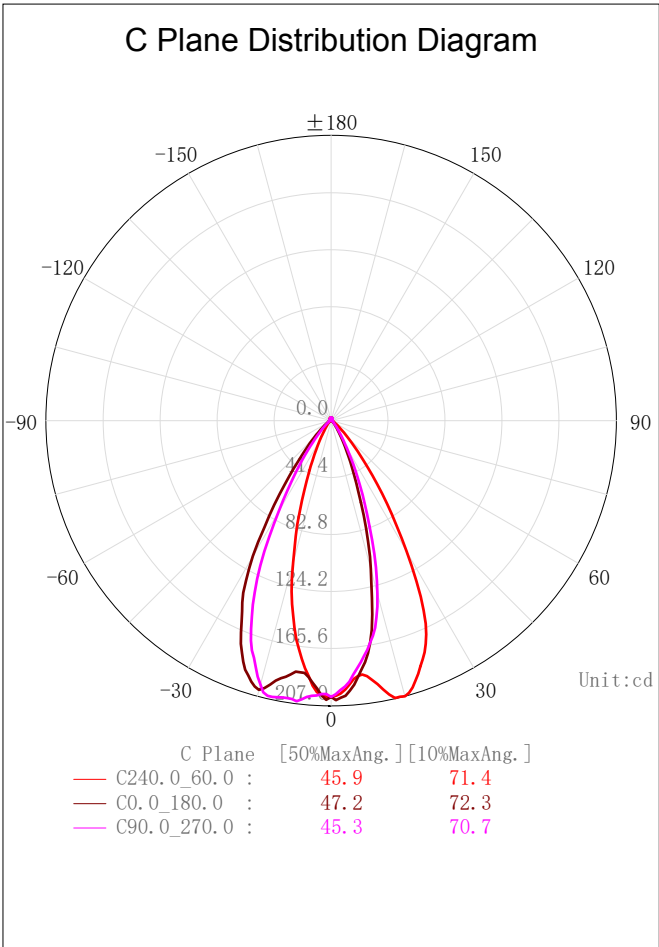
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Date: 2019/02/22
Manufacture:	Shld. Ang(°):	Test Machine:GON-2000
Test Lab:	Frequency (Hz):	Lamp CCT (K): Ra:
Lum. Size (W*L*H):0.050m*-0.050m*0.000m	Lum. Area (m2):0.002	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp. (°C): 25
		Humidity(%):

Character Parameter

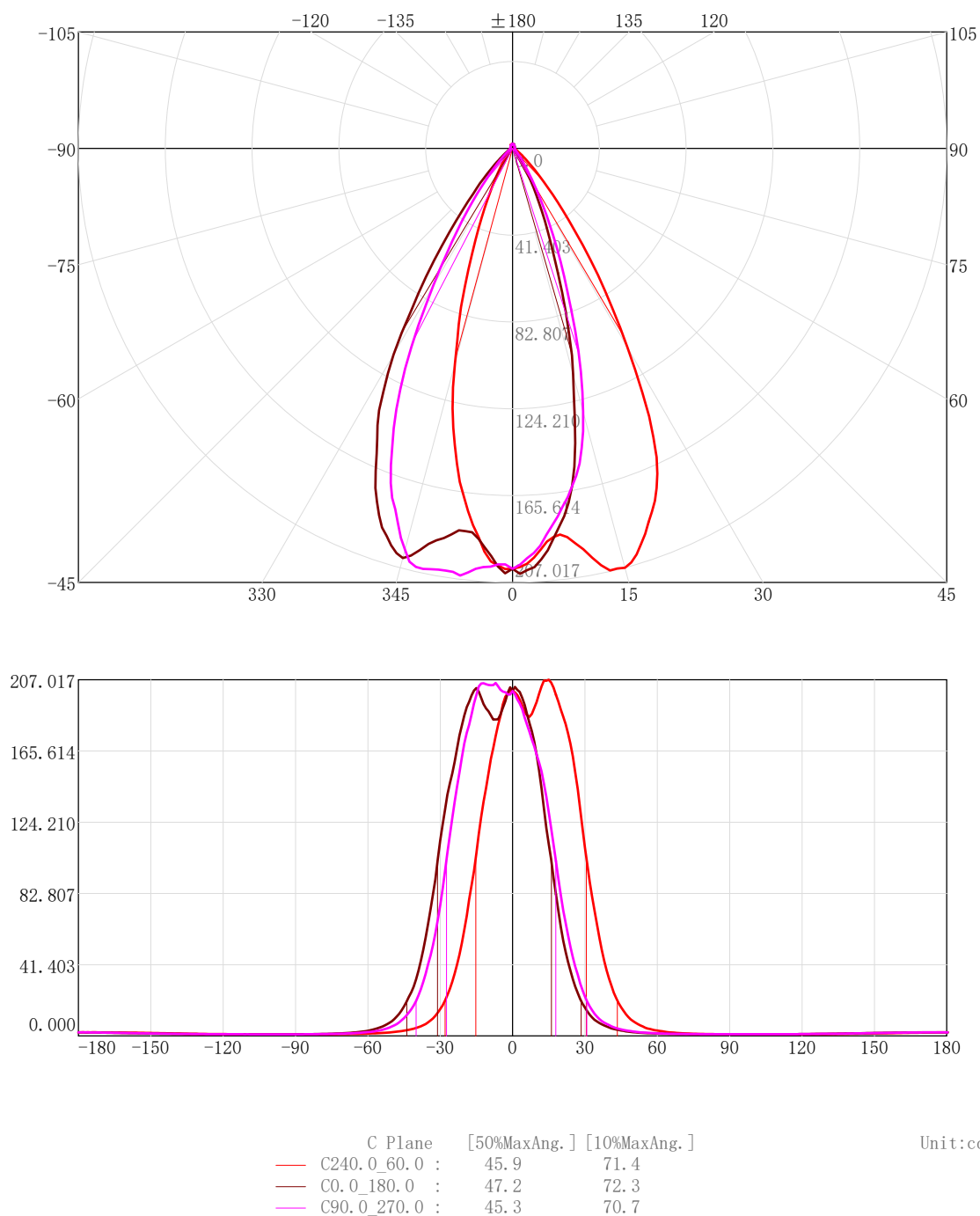
Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 144.130	Luminary Flux(lm): 144.130	Field Angle(10%Imax): 71.4(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 136.222lm 94.51%
Rated Voltage(V):	Luminary EER(lm/W): 49.057	Up Lumens&Percent: 7.909lm 5.49%
Tested Power(W): 2.938	Max. Candela(cd): 207.017	S/MH: C0_a180=0.775 C90_270=0.753
Lamps' Inside: 1	Max Cand@Ang. (°): C=240.0 γ=15.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):24.0, 0.122	Beam Angle(50%Imax): 45.9(°)	ErP Φ use(90°): 130.753lm
Lamp Size (W*L*H):0.050m*-0.050m*0.000m	Left=-15.3°, Right=30.6°	IRF(%): 458.896



## 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: 2019/02/22

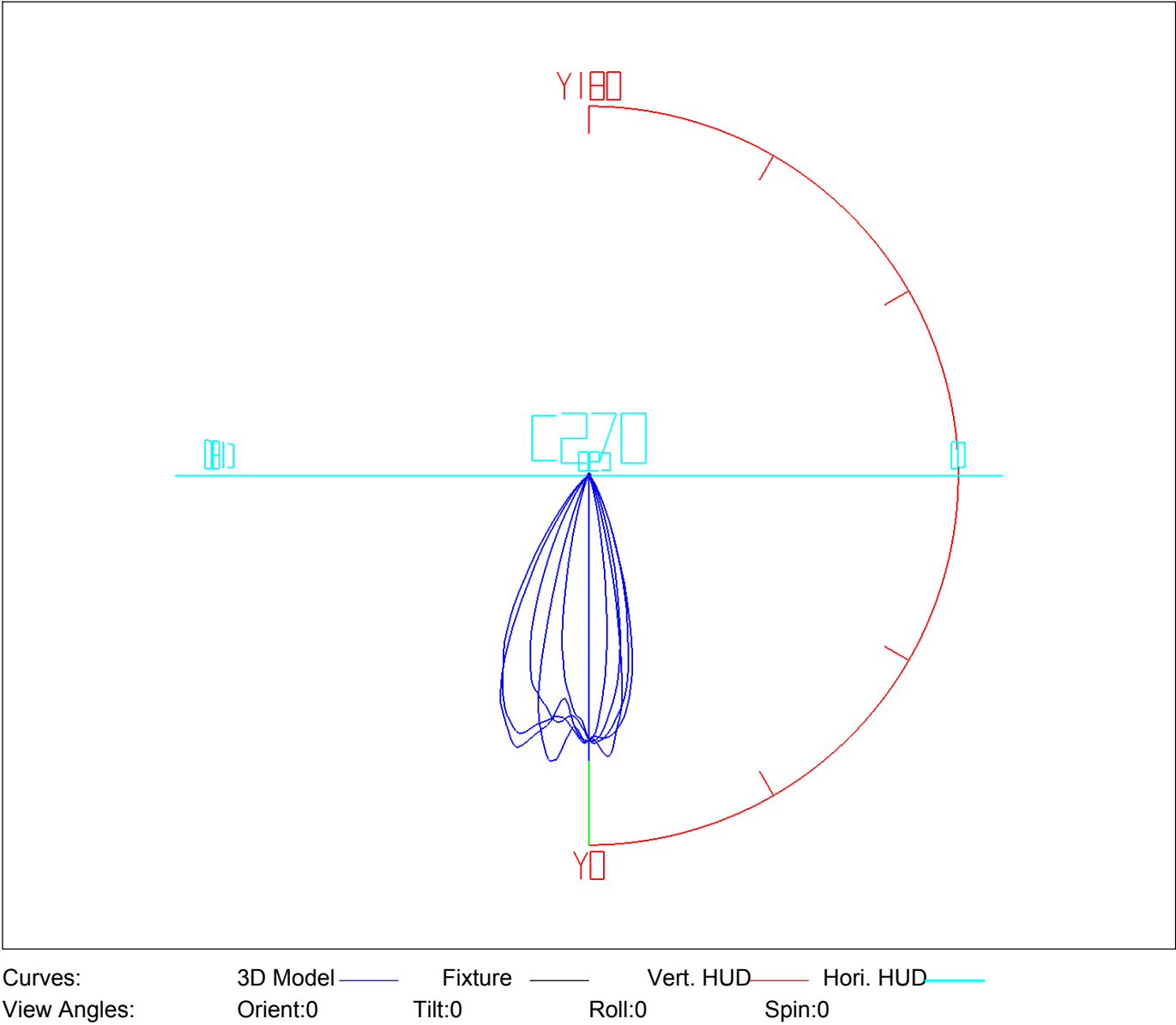
C Plane Distribution Diagram



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: 2019/02/22

3D Light Intensity Distribution Modal



Zonal Flux Tabulation

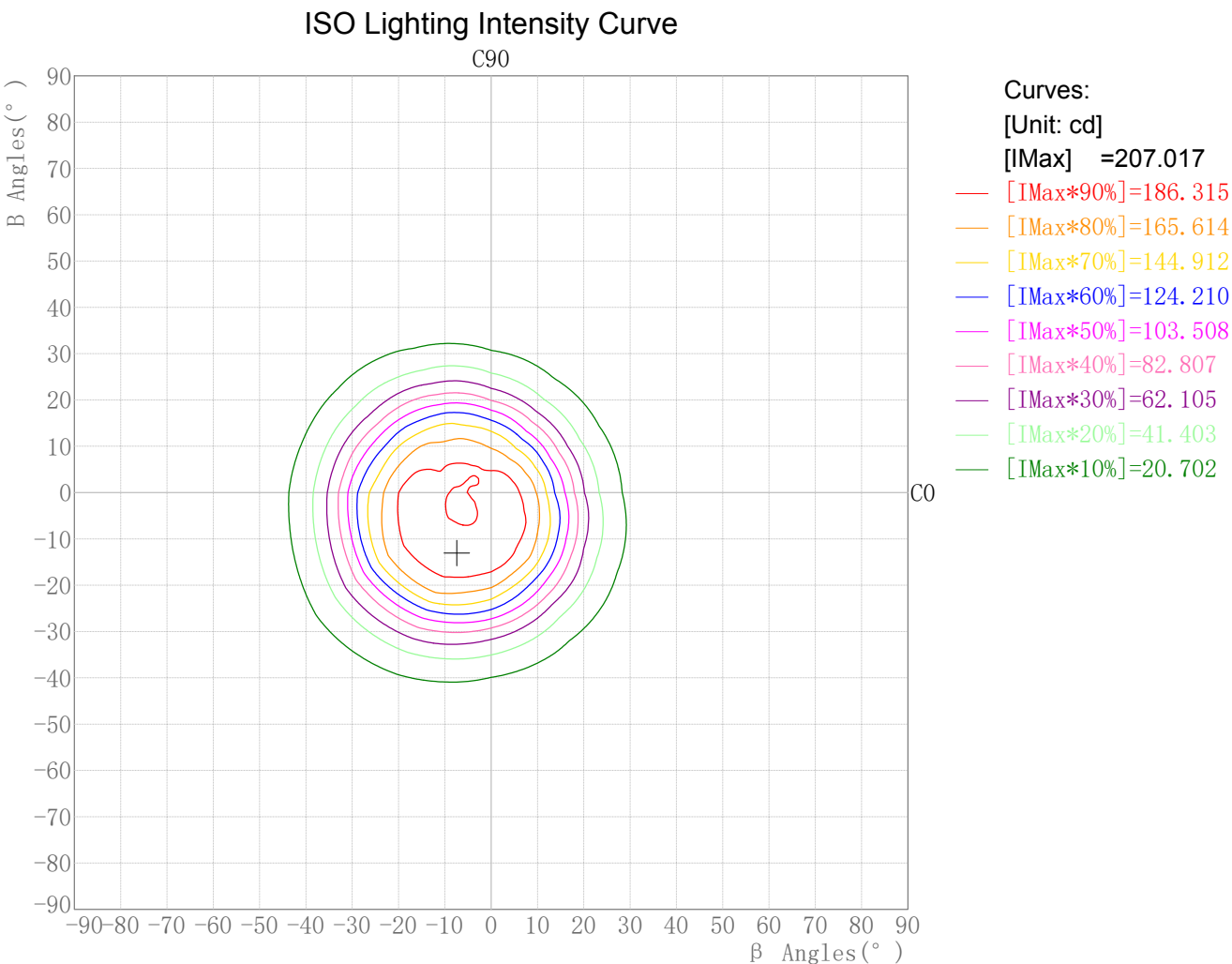
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.19	0.19	0.13	0.13	47.0-48.0	0.51	128.30	0.36	89.02
1.0-2.0	0.57	0.76	0.39	0.53	48.0-49.0	0.47	128.77	0.32	89.34
2.0-3.0	0.94	1.70	0.65	1.18	49.0-50.0	0.42	129.19	0.29	89.64
3.0-4.0	1.30	3.00	0.90	2.08	50.0-51.0	0.39	129.58	0.27	89.90
4.0-5.0	1.64	4.64	1.14	3.22	51.0-52.0	0.36	129.94	0.25	90.15
5.0-6.0	1.98	6.62	1.37	4.60	52.0-53.0	0.33	130.26	0.23	90.38
6.0-7.0	2.31	8.94	1.60	6.20	53.0-54.0	0.30	130.57	0.21	90.59
7.0-8.0	2.64	11.57	1.83	8.03	54.0-55.0	0.28	130.85	0.19	90.78
8.0-9.0	2.96	14.53	2.05	10.08	55.0-56.0	0.26	131.11	0.18	90.97
9.0-10.0	3.26	17.79	2.26	12.34	56.0-57.0	0.25	131.35	0.17	91.14
10.0-11.0	3.55	21.34	2.46	14.80	57.0-58.0	0.23	131.58	0.16	91.30
11.0-12.0	3.81	25.14	2.64	17.44	58.0-59.0	0.22	131.80	0.15	91.45
12.0-13.0	4.04	29.19	2.81	20.25	59.0-60.0	0.21	132.01	0.14	91.59
13.0-14.0	4.26	33.44	2.95	23.20	60.0-61.0	0.20	132.20	0.14	91.73
14.0-15.0	4.43	37.87	3.07	26.28	61.0-62.0	0.19	132.39	0.13	91.86
15.0-16.0	4.57	42.44	3.17	29.45	62.0-63.0	0.18	132.57	0.12	91.98
16.0-17.0	4.68	47.12	3.25	32.70	63.0-64.0	0.17	132.74	0.12	92.10
17.0-18.0	4.74	51.87	3.29	35.99	64.0-65.0	0.17	132.91	0.12	92.22
18.0-19.0	4.76	56.62	3.30	39.29	65.0-66.0	0.16	133.07	0.11	92.33
19.0-20.0	4.72	61.35	3.28	42.56	66.0-67.0	0.16	133.23	0.11	92.44
20.0-21.0	4.66	66.01	3.24	45.80	67.0-68.0	0.15	133.38	0.11	92.54
21.0-22.0	4.58	70.59	3.18	48.98	68.0-69.0	0.15	133.53	0.10	92.65
22.0-23.0	4.49	75.08	3.11	52.09	69.0-70.0	0.15	133.67	0.10	92.75
23.0-24.0	4.37	79.45	3.03	55.12	70.0-71.0	0.14	133.82	0.10	92.84
24.0-25.0	4.23	83.68	2.94	58.06	71.0-72.0	0.14	133.96	0.10	92.94
25.0-26.0	4.07	87.75	2.82	60.88	72.0-73.0	0.14	134.09	0.09	93.04
26.0-27.0	3.88	91.63	2.69	63.58	73.0-74.0	0.13	134.23	0.09	93.13
27.0-28.0	3.67	95.30	2.54	66.12	74.0-75.0	0.13	134.36	0.09	93.22
28.0-29.0	3.44	98.74	2.38	68.51	75.0-76.0	0.13	134.49	0.09	93.31
29.0-30.0	3.20	101.94	2.22	70.73	76.0-77.0	0.13	134.62	0.09	93.40
30.0-31.0	2.96	104.90	2.06	72.78	77.0-78.0	0.13	134.75	0.09	93.49
31.0-32.0	2.72	107.63	1.89	74.67	78.0-79.0	0.13	134.87	0.09	93.58
32.0-33.0	2.49	110.12	1.73	76.40	79.0-80.0	0.13	135.00	0.09	93.66
33.0-34.0	2.28	112.40	1.58	77.99	80.0-81.0	0.12	135.12	0.09	93.75
34.0-35.0	2.08	114.48	1.44	79.43	81.0-82.0	0.12	135.25	0.09	93.84
35.0-36.0	1.89	116.37	1.31	80.74	82.0-83.0	0.12	135.37	0.09	93.92
36.0-37.0	1.70	118.07	1.18	81.92	83.0-84.0	0.12	135.49	0.09	94.01
37.0-38.0	1.52	119.59	1.06	82.98	84.0-85.0	0.12	135.61	0.08	94.09
38.0-39.0	1.36	120.96	0.95	83.92	85.0-86.0	0.12	135.74	0.08	94.18
39.0-40.0	1.22	122.17	0.84	84.76	86.0-87.0	0.12	135.86	0.08	94.26
40.0-41.0	1.09	123.26	0.75	85.52	87.0-88.0	0.12	135.98	0.08	94.34
41.0-42.0	0.97	124.23	0.67	86.19	88.0-89.0	0.12	136.10	0.08	94.43
42.0-43.0	0.87	125.10	0.60	86.79	89.0-90.0	0.12	136.22	0.08	94.51
43.0-44.0	0.78	125.88	0.54	87.34	90.0-91.0	0.12	136.34	0.08	94.60
44.0-45.0	0.70	126.58	0.49	87.83	91.0-92.0	0.12	136.46	0.08	94.68
45.0-46.0	0.63	127.22	0.44	88.27	92.0-93.0	0.12	136.58	0.08	94.76
46.0-47.0	0.57	127.79	0.40	88.66	93.0-94.0	0.12	136.70	0.08	94.85

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	0.12	136.82	0.08	94.93	141.0-142.0	0.10	141.86	0.07	98.42
95.0-96.0	0.12	136.94	0.08	95.01	142.0-143.0	0.10	141.95	0.07	98.49
96.0-97.0	0.12	137.06	0.08	95.09	143.0-144.0	0.09	142.05	0.07	98.56
97.0-98.0	0.12	137.18	0.08	95.18	144.0-145.0	0.09	142.14	0.06	98.62
98.0-99.0	0.12	137.29	0.08	95.26	145.0-146.0	0.09	142.23	0.06	98.68
99.0-100.0	0.12	137.41	0.08	95.34	146.0-147.0	0.09	142.33	0.06	98.75
100.0-101.0	0.12	137.53	0.08	95.42	147.0-148.0	0.09	142.42	0.06	98.81
101.0-102.0	0.12	137.64	0.08	95.50	148.0-149.0	0.09	142.50	0.06	98.87
102.0-103.0	0.12	137.76	0.08	95.58	149.0-150.0	0.09	142.59	0.06	98.93
103.0-104.0	0.11	137.87	0.08	95.66	150.0-151.0	0.09	142.68	0.06	98.99
104.0-105.0	0.11	137.99	0.08	95.74	151.0-152.0	0.09	142.77	0.06	99.05
105.0-106.0	0.11	138.10	0.08	95.82	152.0-153.0	0.08	142.85	0.06	99.11
106.0-107.0	0.11	138.22	0.08	95.90	153.0-154.0	0.08	142.93	0.06	99.17
107.0-108.0	0.11	138.33	0.08	95.97	154.0-155.0	0.08	143.01	0.06	99.22
108.0-109.0	0.11	138.44	0.08	96.05	155.0-156.0	0.08	143.09	0.05	99.28
109.0-110.0	0.11	138.55	0.08	96.13	156.0-157.0	0.08	143.17	0.05	99.33
110.0-111.0	0.11	138.66	0.08	96.21	157.0-158.0	0.07	143.24	0.05	99.38
111.0-112.0	0.11	138.77	0.08	96.28	158.0-159.0	0.07	143.31	0.05	99.43
112.0-113.0	0.11	138.88	0.08	96.36	159.0-160.0	0.07	143.38	0.05	99.48
113.0-114.0	0.11	138.99	0.08	96.43	160.0-161.0	0.07	143.45	0.05	99.53
114.0-115.0	0.11	139.10	0.08	96.51	161.0-162.0	0.07	143.52	0.05	99.58
115.0-116.0	0.11	139.21	0.07	96.59	162.0-163.0	0.06	143.58	0.04	99.62
116.0-117.0	0.11	139.32	0.07	96.66	163.0-164.0	0.06	143.64	0.04	99.66
117.0-118.0	0.11	139.42	0.07	96.73	164.0-165.0	0.06	143.70	0.04	99.70
118.0-119.0	0.11	139.53	0.07	96.81	165.0-166.0	0.05	143.75	0.04	99.74
119.0-120.0	0.11	139.63	0.07	96.88	166.0-167.0	0.05	143.80	0.04	99.77
120.0-121.0	0.11	139.74	0.07	96.95	167.0-168.0	0.05	143.85	0.03	99.80
121.0-122.0	0.10	139.84	0.07	97.03	168.0-169.0	0.04	143.89	0.03	99.83
122.0-123.0	0.10	139.95	0.07	97.10	169.0-170.0	0.04	143.93	0.03	99.86
123.0-124.0	0.10	140.05	0.07	97.17	170.0-171.0	0.04	143.97	0.03	99.89
124.0-125.0	0.10	140.16	0.07	97.24	171.0-172.0	0.03	144.00	0.02	99.91
125.0-126.0	0.10	140.26	0.07	97.31	172.0-173.0	0.03	144.03	0.02	99.93
126.0-127.0	0.10	140.36	0.07	97.39	173.0-174.0	0.03	144.06	0.02	99.95
127.0-128.0	0.10	140.46	0.07	97.46	174.0-175.0	0.02	144.08	0.02	99.97
128.0-129.0	0.10	140.57	0.07	97.53	175.0-176.0	0.02	144.10	0.01	99.98
129.0-130.0	0.10	140.67	0.07	97.60	176.0-177.0	0.01	144.11	0.01	99.99
130.0-131.0	0.10	140.77	0.07	97.67	177.0-178.0	0.01	144.12	0.01	99.99
131.0-132.0	0.10	140.87	0.07	97.74	178.0-179.0	0.01	144.13	0.00	100.00
132.0-133.0	0.10	140.97	0.07	97.81	179.0-180.0	0.00	144.13	0.00	100.00
133.0-134.0	0.10	141.07	0.07	97.88					
134.0-135.0	0.10	141.17	0.07	97.95					
135.0-136.0	0.10	141.27	0.07	98.02					
136.0-137.0	0.10	141.37	0.07	98.09					
137.0-138.0	0.10	141.47	0.07	98.15					
138.0-139.0	0.10	141.57	0.07	98.22					
139.0-140.0	0.10	141.66	0.07	98.29					
140.0-141.0	0.10	141.76	0.07	98.36					

Rectangle ISO Lighting Intensity Diagram

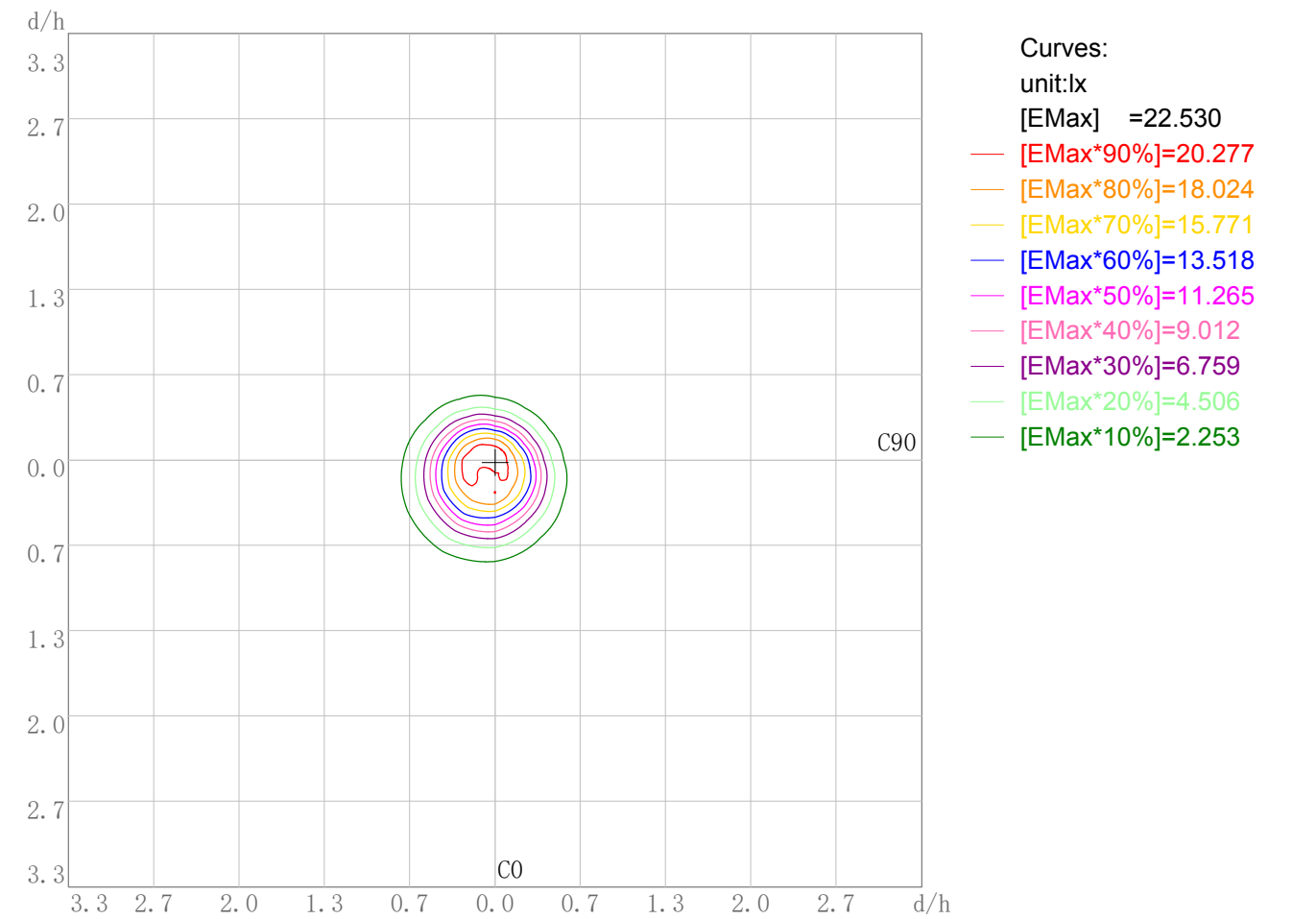
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/02/22



Plane ISO-Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/02/22

Plane ISO-Illuminance Curve

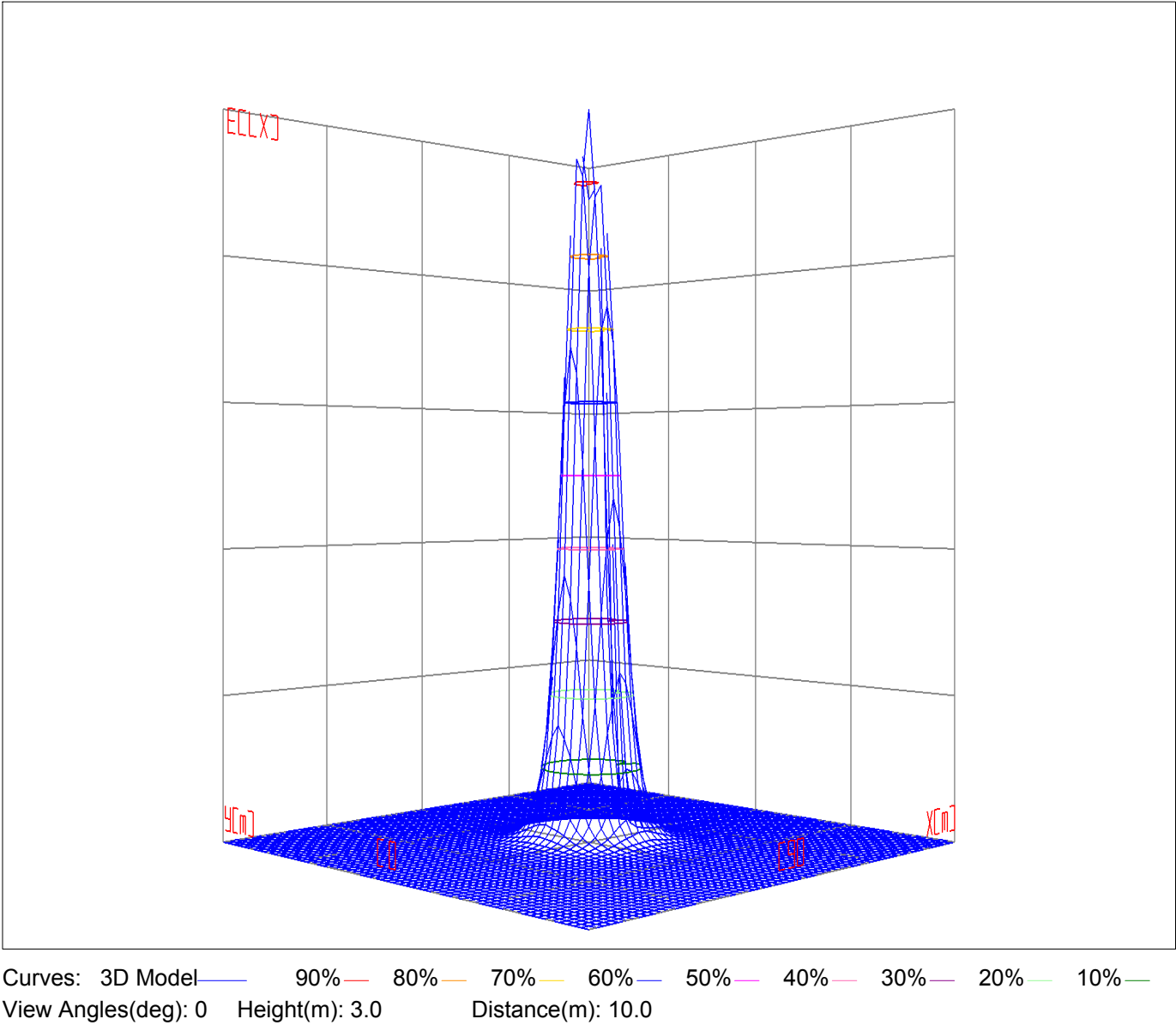


Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 22.53  
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

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: 2019/02/22

3D Plane Illuminance Modal

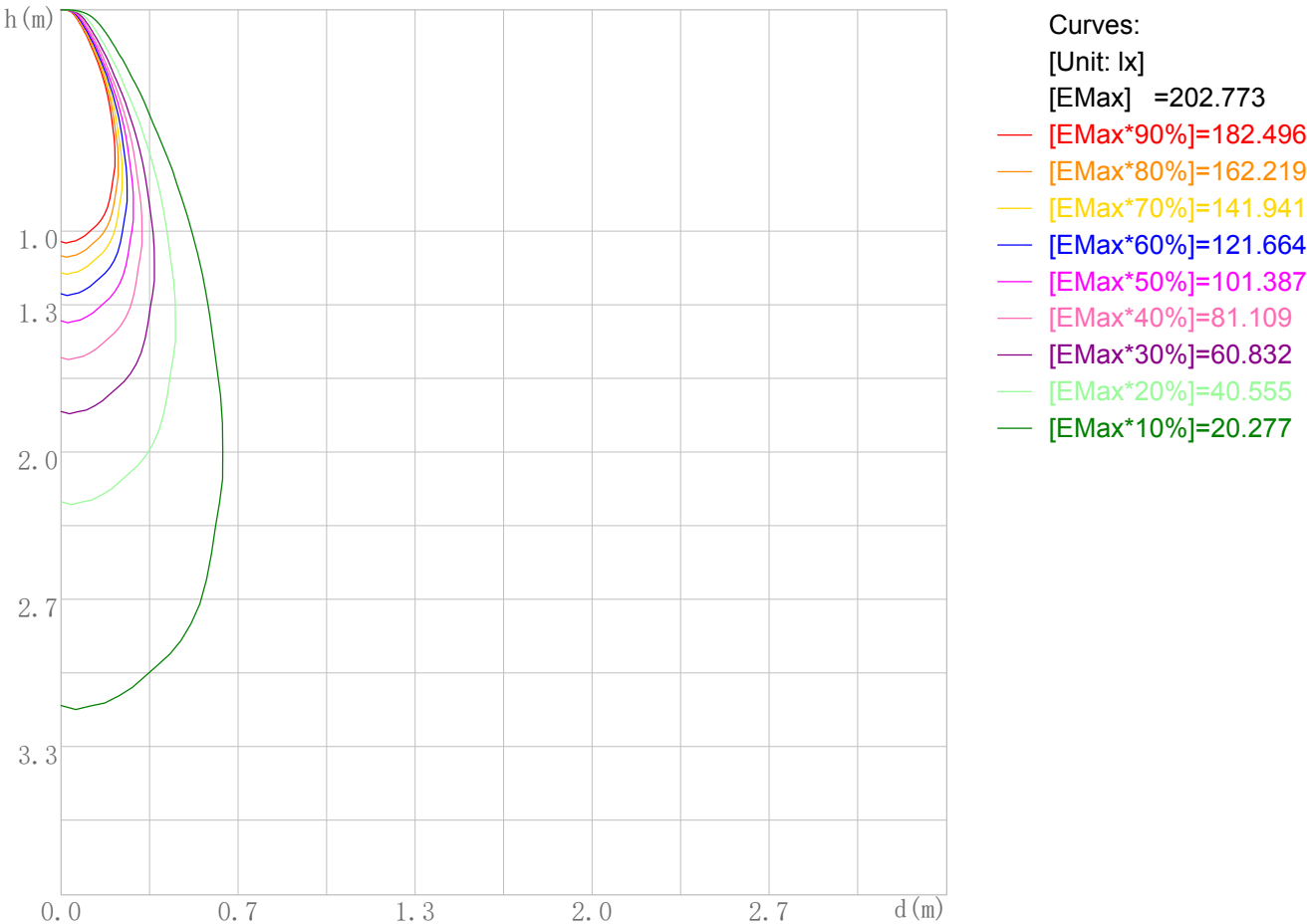




Space ISO Illuminance Diagram

Lum. Name: 55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/02/22

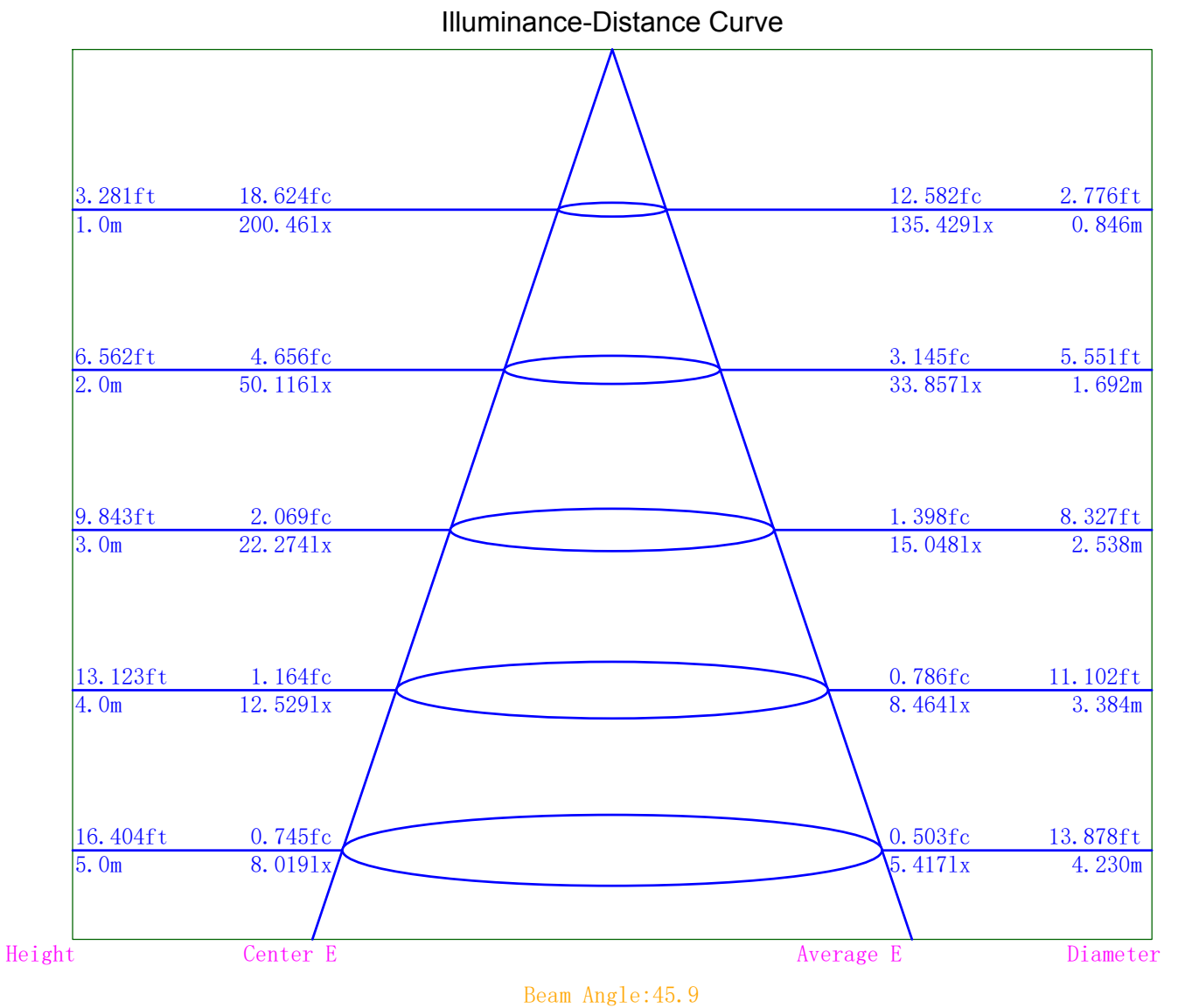
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:202.77lx,1.0deg  
Plane Maximum Lighting Intensity and @Angle:202.866cd,0deg

Illuminance-Distance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/02/22



Indoor Luminance Limiting Curves

Table with 3 columns: Lum. Name, Lum. Catalog, Test ID; Lamp Name, Lamp Catalog, Test Lab; Manufacture, Test Machine, Test Date.

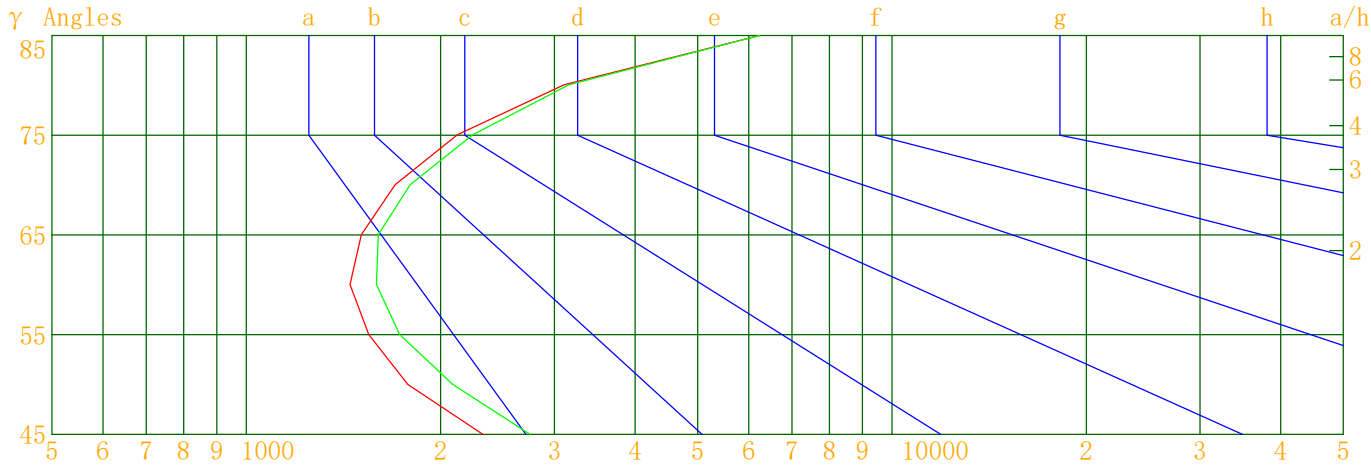
Glare Grade Table

Table with 10 columns: GI, Quality, and 8 columns for Using Illuminance (2000, 1000, 500, <=300, etc.).

Luminance Table

Table with 10 columns: Gama (deg) and 9 columns for luminance values (2324, 1779, 1548, 1447, 1508, 1701, 2123, 3106, 6235).

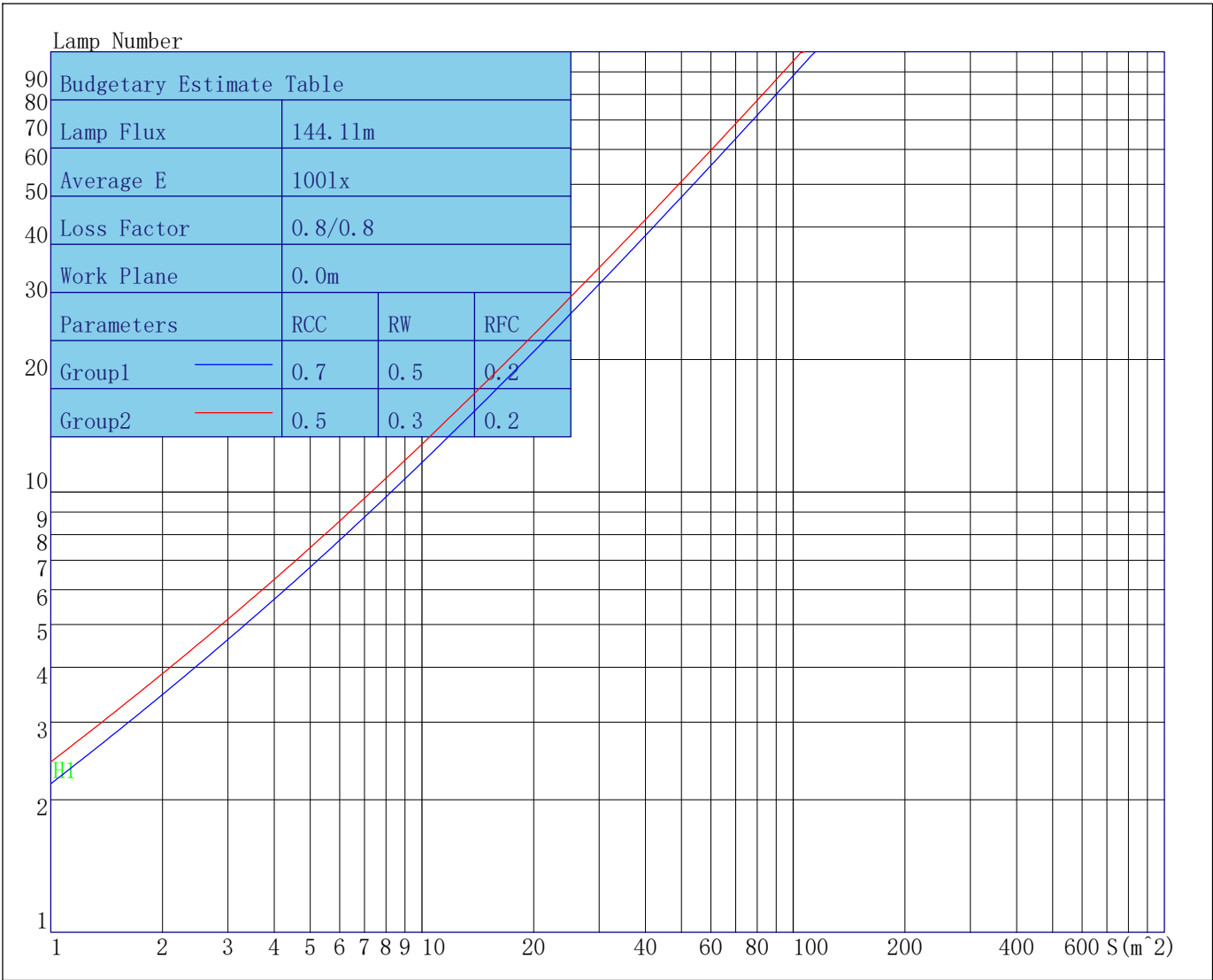
Luminance Limiting Curve



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

Indoor Budgetary Estimate Table

Table with 3 columns: Lum. Name, Lum. Catalog, Test ID, Lamp Name, Lamp Catalog, Test Lab, Manufacture, Test Machine, Test Date.



Parameters1: Rhocc = 0.7 Rhow = 0.5 Rhofc = 0.2 LLF = 0.8
Parameters2: Rhocc = 0.5 Rhow = 0.3 Rhofc = 0.2 LLF = 0.8
Average Illuminance(lx): 100 Cavity Height: H1(m) = 2

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: 2019/02/22

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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97	95
1	112	109	106	104	109	106	104	101	101	99	97	96	95	93	92	91	90	88
2	106	101	97	93	103	99	95	92	94	91	89	91	88	86	87	85	83	81
3	101	94	89	85	98	92	87	84	89	85	82	86	82	80	83	80	78	76
4	95	88	82	78	93	86	81	77	83	79	76	81	77	74	78	75	73	71
5	91	82	77	72	89	81	76	72	79	74	70	76	72	69	74	71	68	67
6	86	78	72	67	85	76	71	67	74	70	66	72	68	65	71	67	64	63
7	82	73	67	63	81	72	67	63	70	66	62	69	64	61	67	63	61	59
8	79	69	63	59	77	68	63	59	67	62	58	65	61	58	64	60	57	56
9	75	66	60	56	74	65	59	56	63	59	55	62	58	55	61	57	54	53
10	72	62	57	53	70	62	56	53	60	56	52	59	55	52	58	54	51	50

Unified Glare Rating Table

Lum. Name: 55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/02/22

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	7.5	8.4	8.0	8.9	9.3	9.3	10.2	9.8	10.6	11.1
	8.6	9.4	9.1	9.9	10.4	10.2	11.0	10.6	11.4	11.9
	9.5	10.2	10.0	10.7	11.2	10.9	11.6	11.4	12.1	12.6
	10.7	11.4	11.2	11.9	12.4	11.9	12.5	12.4	13.0	13.5
	11.5	12.2	12.1	12.7	13.2	12.5	13.1	13.1	13.6	14.2
	12.6	13.2	13.1	13.7	14.2	13.4	14.0	13.9	14.5	15.0
X=4H    Y=2H	7.8	8.6	8.3	9.0	9.6	9.5	10.3	10.1	10.7	11.3
	9.3	9.9	9.8	10.4	10.9	10.8	11.4	11.3	11.9	12.5
	10.4	10.9	10.9	11.4	12.0	11.8	12.4	12.4	12.9	13.5
	11.9	12.4	12.5	12.9	13.5	13.2	13.6	13.8	14.2	14.8
	12.9	13.3	13.5	13.9	14.5	14.0	14.4	14.6	15.0	15.6
	14.1	14.5	14.7	15.0	15.6	15.0	15.4	15.6	16.0	16.6
X=8H    Y=4H	10.9	11.3	11.5	11.8	12.5	12.3	12.7	12.9	13.3	13.9
	12.7	13.1	13.3	13.7	14.3	14.1	14.5	14.8	15.1	15.7
	13.9	14.2	14.6	14.8	15.4	15.3	15.5	15.9	16.1	16.8
	15.4	15.6	16.0	16.2	16.9	16.6	16.8	17.2	17.4	18.1
X=12H    Y=4H	11.0	11.4	11.6	12.0	12.6	12.4	12.8	13.0	13.4	14.0
	13.0	13.3	13.6	13.8	14.5	14.4	14.7	15.0	15.2	15.9
	14.3	14.6	14.9	15.1	15.8	15.7	15.9	16.3	16.5	17.2
Variations with the objerver position at spacings										
S=1.0H	0.1/-0.1					0.1/-0.1				
S=1.5H	0.1/-0.2					0.1/-0.2				
S=2.0H	0.2/-0.3					0.3/-0.3				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	4.8					4.5				

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

IES Indoor Report  
Photometric Filename:UL-1001-60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	200.46	200.46	200.46	200.46	200.46	200.46	200.46	200.46	200.46	200.46	200.46	200.46
γ 1.0	202.87	201.77	200.63	198.57	196.62	194.47	202.61	201.01	199.64	198.40	197.41	196.53
γ 2.0	201.14	200.56	199.00	195.56	192.52	190.40	199.52	197.84	198.13	198.49	197.68	196.51
γ 3.0	199.88	197.98	197.23	193.21	188.61	186.58	194.57	192.73	195.41	199.71	198.61	196.97
γ 4.0	196.40	193.30	192.72	189.86	187.33	184.59	190.68	186.84	191.87	200.13	200.29	196.87
γ 5.0	192.40	187.57	186.03	184.99	187.70	184.62	186.83	179.37	188.22	201.21	202.78	195.72
γ 6.0	186.96	181.23	180.64	180.83	187.42	186.84	184.06	171.16	186.34	203.27	204.75	193.83
γ 7.0	181.84	175.67	174.26	176.74	185.79	190.41	183.90	166.83	185.53	205.16	206.13	190.81
γ 8.0	177.04	169.19	167.32	172.26	183.53	192.69	183.89	168.43	187.17	203.90	205.78	187.22
γ 9.0	170.98	162.45	161.00	168.34	179.97	192.62	186.33	175.53	190.55	203.80	203.68	183.41
γ 10.0	163.41	153.41	152.58	163.48	176.33	190.56	188.65	183.02	194.07	203.96	199.32	178.53
γ 11.0	154.58	144.43	144.16	159.02	173.93	187.66	190.35	187.26	198.77	204.39	193.35	172.23
γ 12.0	143.69	134.54	136.13	153.65	171.02	183.86	192.85	189.82	203.19	204.96	187.58	166.00
γ 13.0	132.04	124.54	127.24	146.50	167.88	182.26	196.52	192.66	206.53	204.84	182.70	158.32
γ 14.0	120.76	111.84	117.37	139.04	162.71	180.16	200.05	195.90	206.46	203.08	178.77	151.13
γ 15.0	111.52	100.92	106.15	129.95	155.94	177.28	202.19	199.46	207.02	198.08	174.20	142.58
γ 16.0	102.69	90.99	95.78	120.80	150.59	175.46	200.73	202.88	205.39	193.21	168.43	132.79
γ 17.0	91.85	82.33	87.65	111.30	145.95	173.12	197.91	205.02	202.42	186.90	159.54	122.53
γ 18.0	82.41	73.96	79.51	101.66	139.12	169.15	194.27	202.80	198.28	180.91	150.99	112.02
γ 19.0	72.91	64.04	69.84	91.55	130.26	162.64	191.15	199.23	194.35	176.29	141.29	101.75
γ 20.0	63.15	55.35	61.61	81.68	121.54	155.41	186.13	194.46	189.56	169.85	130.77	92.09
γ 21.0	55.32	48.83	53.99	72.90	111.47	148.72	180.42	190.55	185.52	161.83	119.51	83.43
γ 22.0	48.82	42.52	47.28	65.69	101.26	141.43	174.67	186.19	181.21	153.17	109.62	72.12
γ 23.0	43.01	37.01	41.56	58.59	92.20	134.23	167.07	182.13	175.87	145.03	101.32	63.69
γ 24.0	37.93	32.33	36.32	51.77	83.34	124.03	159.37	178.10	169.77	136.12	92.33	56.64
γ 25.0	33.05	27.91	31.57	45.71	75.71	113.93	152.64	172.18	162.47	126.68	83.27	50.58
γ 26.0	28.69	24.23	27.39	40.35	67.17	105.42	146.85	164.68	153.21	116.82	73.47	44.94
γ 27.0	25.00	21.21	23.69	35.66	59.81	95.04	140.20	156.72	143.43	106.39	64.33	39.21
γ 28.0	21.54	18.23	20.56	30.58	53.65	85.57	131.23	147.88	131.94	95.63	56.46	34.13
γ 29.0	18.70	15.92	17.79	26.56	47.53	76.96	122.61	137.41	120.53	85.10	49.93	29.84
γ 30.0	16.51	13.86	15.64	22.92	41.00	68.55	113.51	127.04	109.40	75.89	43.78	26.29
γ 31.0	14.31	12.16	13.55	19.80	35.44	61.43	102.74	115.47	99.62	67.52	38.73	23.25
γ 32.0	12.35	10.60	11.78	17.19	30.56	54.75	91.05	104.85	89.55	59.74	34.25	20.24
γ 33.0	10.79	9.37	10.20	14.95	26.91	48.79	82.44	93.63	80.87	52.83	30.33	17.48
γ 34.0	9.39	8.29	9.10	12.93	23.53	42.86	73.84	84.76	72.87	46.88	26.38	15.03
γ 35.0	8.39	7.39	7.94	11.20	20.46	37.16	65.16	77.96	64.67	41.69	22.90	13.01
γ 36.0	7.53	6.59	6.98	9.85	17.92	32.57	57.28	69.89	56.99	36.17	19.82	11.49
γ 37.0	6.82	5.96	6.29	8.69	15.47	28.10	50.14	61.67	49.82	31.47	17.39	10.22
γ 38.0	6.15	5.39	5.66	7.79	13.53	24.60	43.77	53.97	43.63	27.22	15.02	9.09
γ 39.0	5.53	4.86	5.13	7.07	11.93	21.59	37.99	46.63	38.16	23.62	12.95	7.97
γ 40.0	4.96	4.44	4.66	6.35	10.51	18.74	32.98	40.12	33.41	20.40	11.34	6.99
γ 41.0	4.45	4.11	4.27	5.66	9.16	16.11	28.70	34.98	29.29	17.78	10.01	6.22
γ 42.0	4.09	3.81	3.92	5.07	8.06	13.74	25.47	30.57	25.11	15.51	8.81	5.54
γ 43.0	3.78	3.54	3.60	4.58	7.16	11.85	22.70	26.75	21.84	13.56	7.78	5.00
γ 44.0	3.48	3.27	3.35	4.17	6.40	10.37	19.76	23.42	19.01	11.84	6.97	4.59
γ 45.0	3.23	3.00	3.12	3.82	5.75	9.06	17.16	20.63	16.69	10.40	6.29	4.16
γ 46.0	3.01	2.80	2.90	3.53	5.18	8.01	14.88	18.02	14.64	9.15	5.69	3.72

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	2.72	2.60	2.68	3.25	4.70	7.20	12.97	15.65	12.72	7.96	5.05	3.38
γ 48.0	2.54	2.45	2.51	3.04	4.32	6.44	11.39	13.63	11.02	6.99	4.48	3.12
γ 49.0	2.38	2.36	2.34	2.84	3.98	5.74	9.87	11.87	9.64	6.23	4.02	2.87
γ 50.0	2.24	2.25	2.19	2.63	3.64	5.11	8.63	10.43	8.60	5.56	3.65	2.67
γ 51.0	2.12	2.14	2.07	2.46	3.39	4.58	7.72	9.29	7.69	4.93	3.29	2.50
γ 52.0	2.00	2.01	1.97	2.30	3.17	4.15	6.86	8.22	6.85	4.45	2.96	2.30
γ 53.0	1.90	1.89	1.88	2.16	2.97	3.77	6.12	7.28	6.17	4.03	2.72	2.16
γ 54.0	1.82	1.79	1.80	2.06	2.80	3.45	5.49	6.51	5.53	3.64	2.55	2.04
γ 55.0	1.74	1.72	1.70	1.95	2.65	3.14	4.96	5.81	4.85	3.24	2.39	1.93
γ 56.0	1.66	1.65	1.63	1.86	2.51	2.91	4.49	5.18	4.38	2.99	2.25	1.84
γ 57.0	1.60	1.58	1.57	1.76	2.41	2.69	4.11	4.58	4.05	2.77	2.11	1.75
γ 58.0	1.53	1.52	1.52	1.70	2.33	2.48	3.67	4.17	3.67	2.55	1.99	1.68
γ 59.0	1.47	1.48	1.47	1.63	2.24	2.30	3.35	3.79	3.38	2.40	1.89	1.60
γ 60.0	1.42	1.43	1.41	1.56	2.17	2.17	3.06	3.43	3.16	2.26	1.82	1.53
γ 61.0	1.38	1.38	1.37	1.51	2.13	2.04	2.80	3.06	2.95	2.13	1.73	1.47
γ 62.0	1.34	1.35	1.33	1.46	2.07	1.94	2.60	2.83	2.76	2.01	1.64	1.43
γ 63.0	1.31	1.32	1.30	1.41	2.02	1.84	2.44	2.61	2.55	1.91	1.57	1.37
γ 64.0	1.28	1.30	1.25	1.37	1.99	1.75	2.26	2.45	2.30	1.82	1.50	1.33
γ 65.0	1.25	1.26	1.24	1.33	1.95	1.68	2.13	2.29	2.15	1.73	1.45	1.29
γ 66.0	1.23	1.24	1.21	1.29	1.92	1.61	2.02	2.15	2.04	1.65	1.40	1.26
γ 67.0	1.20	1.22	1.19	1.28	1.90	1.55	1.91	2.03	1.94	1.58	1.35	1.23
γ 68.0	1.18	1.20	1.17	1.25	1.88	1.49	1.82	1.91	1.83	1.53	1.32	1.21
γ 69.0	1.17	1.17	1.15	1.23	1.86	1.43	1.73	1.80	1.73	1.47	1.26	1.18
γ 70.0	1.14	1.16	1.14	1.21	1.83	1.39	1.65	1.70	1.66	1.42	1.25	1.16
γ 71.0	1.13	1.15	1.12	1.19	1.82	1.35	1.59	1.62	1.57	1.37	1.21	1.14
γ 72.0	1.11	1.12	1.11	1.16	1.81	1.32	1.51	1.53	1.51	1.32	1.19	1.12
γ 73.0	1.10	1.11	1.09	1.16	1.79	1.28	1.45	1.46	1.46	1.29	1.17	1.10
γ 74.0	1.10	1.10	1.08	1.14	1.79	1.25	1.40	1.40	1.40	1.25	1.14	1.08
γ 75.0	1.08	1.11	1.07	1.14	1.78	1.23	1.35	1.35	1.35	1.23	1.13	1.07
γ 76.0	1.08	1.10	1.07	1.11	1.76	1.21	1.30	1.31	1.30	1.20	1.11	1.05
γ 77.0	1.07	1.09	1.06	1.11	1.77	1.20	1.25	1.30	1.26	1.18	1.08	1.04
γ 78.0	1.07	1.09	1.05	1.10	1.78	1.18	1.22	1.26	1.24	1.15	1.08	1.03
γ 79.0	1.06	1.07	1.05	1.09	1.78	1.15	1.19	1.24	1.20	1.12	1.06	1.02
γ 80.0	1.06	1.08	1.05	1.08	1.78	1.13	1.17	1.22	1.17	1.11	1.05	1.02
γ 81.0	1.06	1.09	1.05	1.06	1.77	1.11	1.14	1.20	1.16	1.09	1.03	1.00
γ 82.0	1.07	1.09	1.05	1.06	1.78	1.09	1.13	1.18	1.12	1.06	1.02	1.00
γ 83.0	1.06	1.10	1.06	1.07	1.78	1.08	1.10	1.17	1.11	1.06	1.02	1.00
γ 84.0	1.07	1.10	1.05	1.06	1.78	1.07	1.08	1.16	1.09	1.03	1.01	1.00
γ 85.0	1.07	1.10	1.05	1.07	1.78	1.05	1.06	1.15	1.08	1.03	1.01	1.00
γ 86.0	1.06	1.10	1.05	1.07	1.77	1.03	1.04	1.13	1.06	1.03	0.99	0.99
γ 87.0	1.06	1.10	1.07	1.07	1.77	1.02	1.03	1.13	1.04	1.01	0.99	1.00
γ 88.0	1.07	1.10	1.06	1.08	1.76	1.01	1.02	1.13	1.04	1.01	0.99	1.00
γ 89.0	1.08	1.10	1.06	1.07	1.75	1.01	1.01	1.12	1.03	1.01	1.00	1.01
γ 90.0	1.08	1.10	1.07	1.08	1.72	1.01	1.01	1.12	1.03	1.00	1.00	1.00
γ 91.0	1.07	1.10	1.05	1.07	1.69	1.02	1.00	1.12	1.03	1.00	0.99	1.01
γ 92.0	1.07	1.10	1.07	1.07	1.64	1.03	1.01	1.12	1.03	1.02	1.00	1.01
γ 93.0	1.07	1.11	1.06	1.07	1.62	1.02	1.02	1.13	1.02	1.00	1.01	1.01



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 94. 0	1. 07	1. 11	1. 07	1. 08	1. 60	1. 02	1. 01	1. 14	1. 04	1. 01	1. 00	1. 00
γ 95. 0	1. 07	1. 11	1. 06	1. 07	1. 57	1. 01	1. 01	1. 14	1. 03	1. 00	1. 00	1. 01
γ 96. 0	1. 08	1. 10	1. 07	1. 07	1. 54	1. 01	1. 01	1. 13	1. 03	1. 01	1. 00	1. 00
γ 97. 0	1. 06	1. 10	1. 06	1. 07	1. 52	1. 01	1. 01	1. 13	1. 04	1. 00	1. 01	1. 01
γ 98. 0	1. 07	1. 11	1. 07	1. 08	1. 49	1. 02	1. 01	1. 14	1. 04	1. 01	1. 00	1. 01
γ 99. 0	1. 07	1. 10	1. 07	1. 06	1. 46	1. 01	1. 01	1. 15	1. 04	1. 01	1. 00	1. 00
γ 100. 0	1. 07	1. 10	1. 06	1. 08	1. 44	1. 02	1. 02	1. 13	1. 04	1. 00	1. 01	1. 00
γ 101. 0	1. 07	1. 10	1. 05	1. 07	1. 43	1. 01	1. 01	1. 14	1. 05	1. 02	1. 01	1. 01
γ 102. 0	1. 07	1. 10	1. 07	1. 08	1. 40	1. 00	1. 00	1. 15	1. 03	1. 00	1. 01	1. 02
γ 103. 0	1. 08	1. 10	1. 05	1. 08	1. 39	1. 00	1. 00	1. 14	1. 04	1. 01	1. 00	1. 01
γ 104. 0	1. 07	1. 10	1. 06	1. 07	1. 38	1. 00	0. 99	1. 14	1. 04	1. 02	1. 00	1. 00
γ 105. 0	1. 07	1. 10	1. 06	1. 07	1. 38	1. 01	1. 01	1. 15	1. 05	1. 00	1. 01	1. 02
γ 106. 0	1. 06	1. 09	1. 06	1. 07	1. 37	1. 00	1. 01	1. 15	1. 05	1. 02	1. 01	1. 02
γ 107. 0	1. 06	1. 10	1. 06	1. 08	1. 36	1. 00	1. 01	1. 16	1. 05	1. 01	1. 01	1. 02
γ 108. 0	1. 07	1. 10	1. 07	1. 08	1. 35	0. 99	1. 01	1. 15	1. 05	1. 02	1. 01	1. 03
γ 109. 0	1. 06	1. 09	1. 06	1. 08	1. 35	1. 00	1. 01	1. 15	1. 05	1. 01	1. 02	1. 02
γ 110. 0	1. 07	1. 11	1. 07	1. 08	1. 34	1. 01	1. 00	1. 15	1. 05	1. 02	1. 02	1. 03
γ 111. 0	1. 07	1. 09	1. 07	1. 06	1. 35	1. 00	1. 01	1. 15	1. 05	1. 02	1. 03	1. 03
γ 112. 0	1. 08	1. 09	1. 07	1. 08	1. 33	1. 00	1. 01	1. 16	1. 06	1. 03	1. 03	1. 02
γ 113. 0	1. 08	1. 10	1. 07	1. 09	1. 33	1. 00	1. 01	1. 17	1. 06	1. 02	1. 03	1. 04
γ 114. 0	1. 08	1. 11	1. 08	1. 09	1. 32	1. 01	1. 02	1. 19	1. 06	1. 03	1. 03	1. 05
γ 115. 0	1. 09	1. 11	1. 07	1. 08	1. 32	1. 01	1. 03	1. 18	1. 06	1. 03	1. 04	1. 04
γ 116. 0	1. 09	1. 11	1. 09	1. 10	1. 31	1. 01	1. 03	1. 18	1. 07	1. 04	1. 05	1. 05
γ 117. 0	1. 09	1. 12	1. 09	1. 09	1. 30	1. 01	1. 02	1. 19	1. 06	1. 03	1. 05	1. 05
γ 118. 0	1. 10	1. 12	1. 10	1. 10	1. 31	1. 00	1. 02	1. 21	1. 09	1. 05	1. 06	1. 07
γ 119. 0	1. 12	1. 14	1. 11	1. 11	1. 29	1. 01	1. 04	1. 21	1. 08	1. 05	1. 07	1. 08
γ 120. 0	1. 11	1. 14	1. 12	1. 12	1. 28	1. 02	1. 04	1. 22	1. 08	1. 05	1. 07	1. 08
γ 121. 0	1. 13	1. 15	1. 13	1. 13	1. 27	1. 01	1. 05	1. 23	1. 10	1. 06	1. 08	1. 09
γ 122. 0	1. 14	1. 15	1. 13	1. 15	1. 27	1. 02	1. 04	1. 22	1. 10	1. 07	1. 09	1. 10
γ 123. 0	1. 16	1. 17	1. 15	1. 17	1. 26	1. 02	1. 04	1. 24	1. 10	1. 06	1. 09	1. 12
γ 124. 0	1. 15	1. 18	1. 15	1. 21	1. 26	1. 03	1. 05	1. 25	1. 11	1. 08	1. 10	1. 13
γ 125. 0	1. 18	1. 20	1. 17	1. 22	1. 25	1. 03	1. 06	1. 25	1. 11	1. 08	1. 11	1. 14
γ 126. 0	1. 19	1. 21	1. 18	1. 24	1. 25	1. 03	1. 06	1. 28	1. 11	1. 09	1. 13	1. 16
γ 127. 0	1. 21	1. 23	1. 20	1. 26	1. 25	1. 04	1. 07	1. 29	1. 13	1. 10	1. 14	1. 17
γ 128. 0	1. 21	1. 26	1. 22	1. 27	1. 23	1. 04	1. 08	1. 30	1. 14	1. 11	1. 15	1. 19
γ 129. 0	1. 24	1. 28	1. 24	1. 29	1. 24	1. 05	1. 09	1. 33	1. 15	1. 12	1. 16	1. 21
γ 130. 0	1. 26	1. 30	1. 26	1. 28	1. 23	1. 05	1. 10	1. 35	1. 16	1. 13	1. 19	1. 22
γ 131. 0	1. 28	1. 32	1. 28	1. 30	1. 24	1. 05	1. 11	1. 37	1. 17	1. 14	1. 21	1. 25
γ 132. 0	1. 31	1. 34	1. 30	1. 31	1. 25	1. 07	1. 11	1. 38	1. 18	1. 16	1. 22	1. 26
γ 133. 0	1. 32	1. 36	1. 32	1. 33	1. 24	1. 08	1. 13	1. 38	1. 19	1. 16	1. 23	1. 29
γ 134. 0	1. 33	1. 39	1. 34	1. 34	1. 25	1. 09	1. 15	1. 37	1. 18	1. 19	1. 25	1. 32
γ 135. 0	1. 36	1. 40	1. 36	1. 35	1. 26	1. 11	1. 16	1. 36	1. 21	1. 19	1. 28	1. 34
γ 136. 0	1. 40	1. 43	1. 39	1. 37	1. 27	1. 12	1. 18	1. 36	1. 23	1. 21	1. 30	1. 37
γ 137. 0	1. 42	1. 46	1. 42	1. 40	1. 29	1. 13	1. 20	1. 35	1. 24	1. 24	1. 32	1. 39
γ 138. 0	1. 45	1. 49	1. 45	1. 41	1. 30	1. 14	1. 20	1. 35	1. 25	1. 24	1. 35	1. 41
γ 139. 0	1. 47	1. 52	1. 47	1. 44	1. 31	1. 17	1. 23	1. 35	1. 26	1. 27	1. 37	1. 44
γ 140. 0	1. 48	1. 54	1. 50	1. 47	1. 33	1. 18	1. 24	1. 36	1. 28	1. 29	1. 38	1. 46

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	1.51	1.57	1.53	1.49	1.36	1.20	1.26	1.35	1.30	1.31	1.40	1.48
γ 142.0	1.54	1.59	1.55	1.52	1.37	1.22	1.28	1.36	1.33	1.33	1.43	1.51
γ 143.0	1.57	1.62	1.58	1.54	1.39	1.25	1.28	1.36	1.33	1.34	1.45	1.53
γ 144.0	1.59	1.65	1.61	1.56	1.43	1.26	1.30	1.38	1.35	1.37	1.46	1.54
γ 145.0	1.62	1.67	1.63	1.59	1.43	1.29	1.32	1.38	1.38	1.38	1.48	1.57
γ 146.0	1.65	1.69	1.66	1.62	1.46	1.33	1.34	1.40	1.38	1.40	1.50	1.59
γ 147.0	1.68	1.72	1.69	1.63	1.49	1.34	1.37	1.41	1.40	1.43	1.51	1.62
γ 148.0	1.70	1.74	1.72	1.65	1.51	1.38	1.39	1.43	1.43	1.45	1.54	1.64
γ 149.0	1.73	1.76	1.76	1.68	1.53	1.40	1.42	1.44	1.44	1.47	1.56	1.65
γ 150.0	1.76	1.79	1.79	1.71	1.58	1.42	1.44	1.47	1.47	1.49	1.59	1.70
γ 151.0	1.77	1.82	1.81	1.73	1.59	1.45	1.46	1.48	1.49	1.52	1.61	1.71
γ 152.0	1.81	1.85	1.84	1.76	1.62	1.49	1.47	1.51	1.52	1.54	1.64	1.74
γ 153.0	1.82	1.86	1.86	1.78	1.63	1.51	1.51	1.53	1.54	1.57	1.66	1.75
γ 154.0	1.85	1.88	1.89	1.82	1.66	1.55	1.54	1.56	1.56	1.60	1.68	1.77
γ 155.0	1.87	1.91	1.90	1.84	1.69	1.57	1.57	1.58	1.58	1.61	1.70	1.78
γ 156.0	1.89	1.93	1.93	1.85	1.71	1.60	1.60	1.61	1.61	1.63	1.72	1.82
γ 157.0	1.91	1.95	1.95	1.87	1.74	1.64	1.62	1.63	1.64	1.66	1.75	1.85
γ 158.0	1.93	1.97	1.97	1.89	1.76	1.64	1.65	1.66	1.66	1.69	1.78	1.86
γ 159.0	1.95	1.98	1.99	1.92	1.79	1.67	1.67	1.68	1.69	1.72	1.79	1.89
γ 160.0	1.97	2.01	2.00	1.93	1.81	1.69	1.71	1.71	1.71	1.74	1.83	1.92
γ 161.0	2.00	2.03	2.02	1.96	1.84	1.73	1.73	1.74	1.75	1.77	1.85	1.93
γ 162.0	2.01	2.04	2.03	1.98	1.85	1.74	1.75	1.75	1.77	1.79	1.87	1.95
γ 163.0	2.03	2.05	2.04	1.99	1.88	1.77	1.78	1.79	1.79	1.82	1.89	1.97
γ 164.0	2.04	2.08	2.07	2.01	1.88	1.80	1.80	1.80	1.83	1.86	1.91	2.00
γ 165.0	2.06	2.10	2.08	2.01	1.90	1.83	1.83	1.83	1.86	1.87	1.94	2.01
γ 166.0	2.07	2.11	2.09	2.04	1.94	1.85	1.86	1.85	1.87	1.90	1.95	2.03
γ 167.0	2.09	2.13	2.10	2.06	1.95	1.86	1.87	1.88	1.89	1.92	1.98	2.05
γ 168.0	2.10	2.14	2.12	2.06	1.96	1.89	1.89	1.88	1.92	1.94	2.00	2.06
γ 169.0	2.10	2.16	2.13	2.09	1.98	1.91	1.93	1.91	1.94	1.96	2.02	2.06
γ 170.0	2.12	2.16	2.14	2.09	2.00	1.93	1.94	1.93	1.97	1.99	2.04	2.07
γ 171.0	2.12	2.16	2.15	2.10	2.01	1.96	1.96	1.96	1.98	2.01	2.05	2.10
γ 172.0	2.14	2.18	2.15	2.12	2.02	1.98	2.00	1.98	2.02	2.02	2.07	2.11
γ 173.0	2.15	2.18	2.17	2.13	2.05	2.00	2.01	2.01	2.04	2.05	2.08	2.13
γ 174.0	2.16	2.19	2.17	2.14	2.06	2.02	2.03	2.02	2.06	2.07	2.09	2.12
γ 175.0	2.15	2.19	2.16	2.15	2.07	2.04	2.07	2.04	2.08	2.08	2.10	2.13
γ 176.0	2.15	2.17	2.17	2.14	2.09	2.06	2.07	2.06	2.09	2.10	2.12	2.13
γ 177.0	2.15	2.17	2.17	2.15	2.10	2.08	2.09	2.09	2.11	2.11	2.11	2.12
γ 178.0	2.15	2.17	2.17	2.15	2.12	2.09	2.11	2.11	2.12	2.11	2.11	2.13
γ 179.0	2.14	2.15	2.16	2.15	2.11	2.10	2.14	2.12	2.13	2.13	2.12	2.12
γ 180.0	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13