

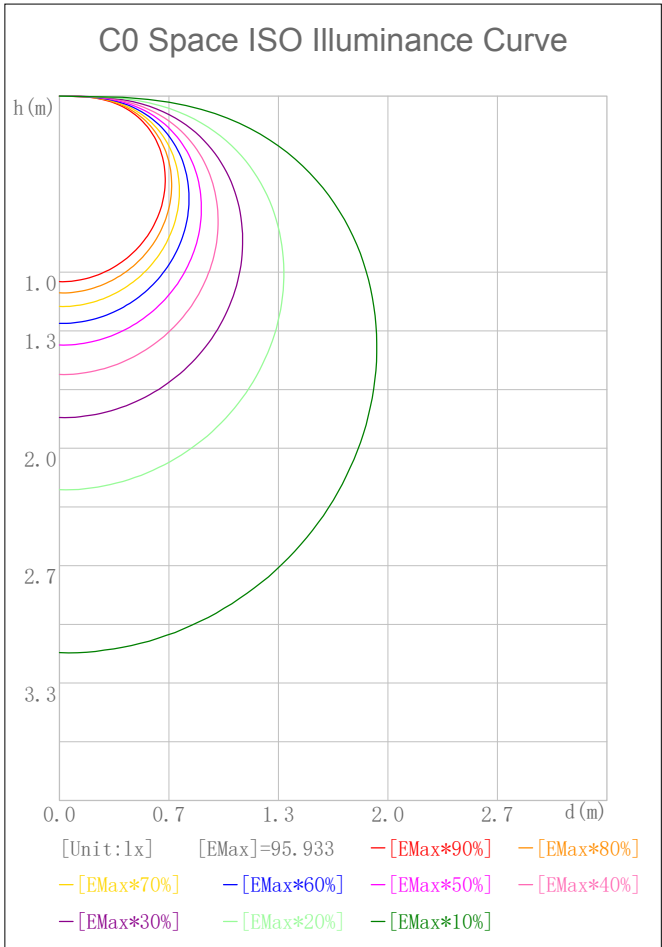
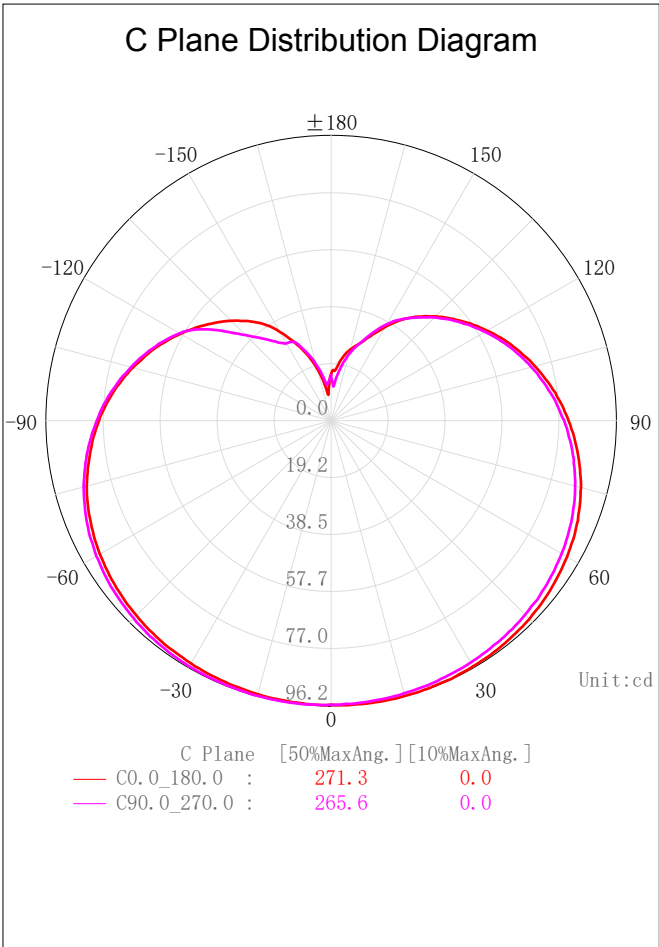
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Date: 2021/10/06
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

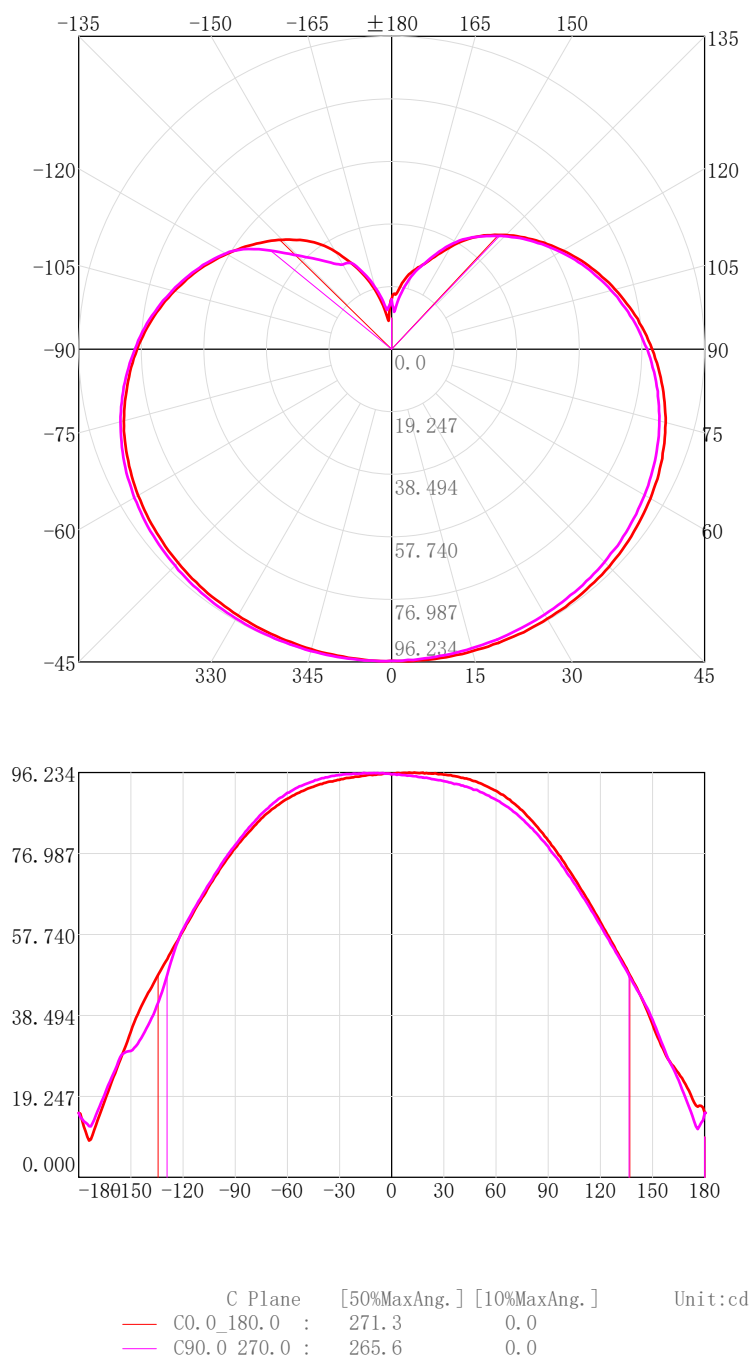
Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 905.200	Luminary Flux(lm): 905.204	Field Angle(10%Imax): 360.0(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 560.324lm 61.90%
Rated Voltage(V):	Luminary EER(lm/W): 86.705	Up Lumens&Percent: 344.880lm 38.10%
Tested Power(W): 10.440	Max. Candela(cd): 96.234	S/MH: C0_a180=1.516 C90_270=1.511
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=10.0	CIE Type: General Diffuse
Tested Electrics (V, A, pf): 23.8, 0.438	Beam Angle(50%Imax): 271.3(°)	ErP Φ use(120°): 293.082lm
Lamp Size (W*L*H): 0.050m*0.050m*0.000m	Left=-134.3°, Right=136.9°	IRF (%): 80.603



## 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: 2021/10/06

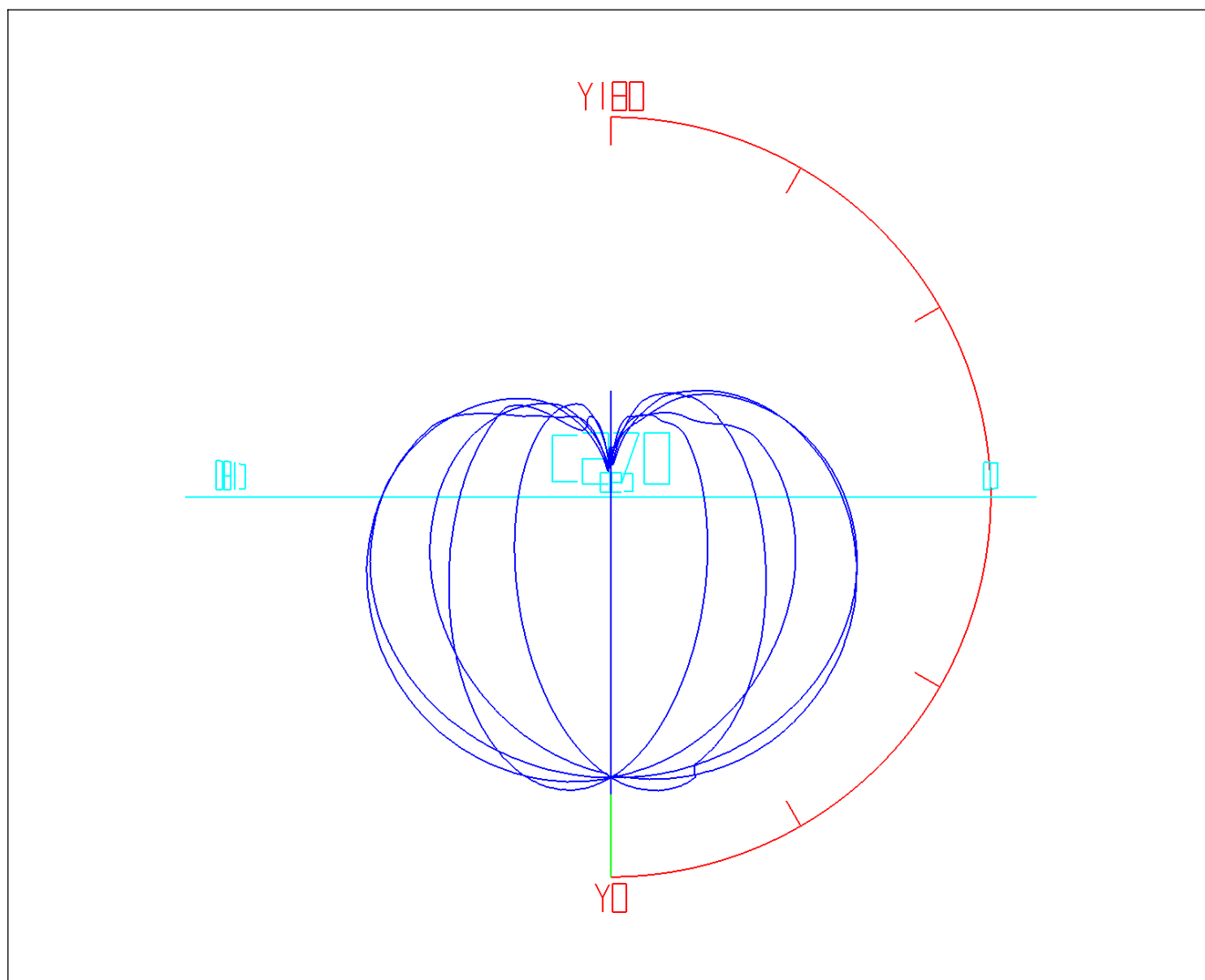
C Plane Distribution Diagram



### 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: 2021/10/06

### 3D Light Intensity Distribution Modal



Curves: 3D Model — Fixture — Vert. HUD — Hori. HUD —  
View Angles: Orient:0 Tilt:0 Roll:0 Spin:0

Zonal Flux Tabulation

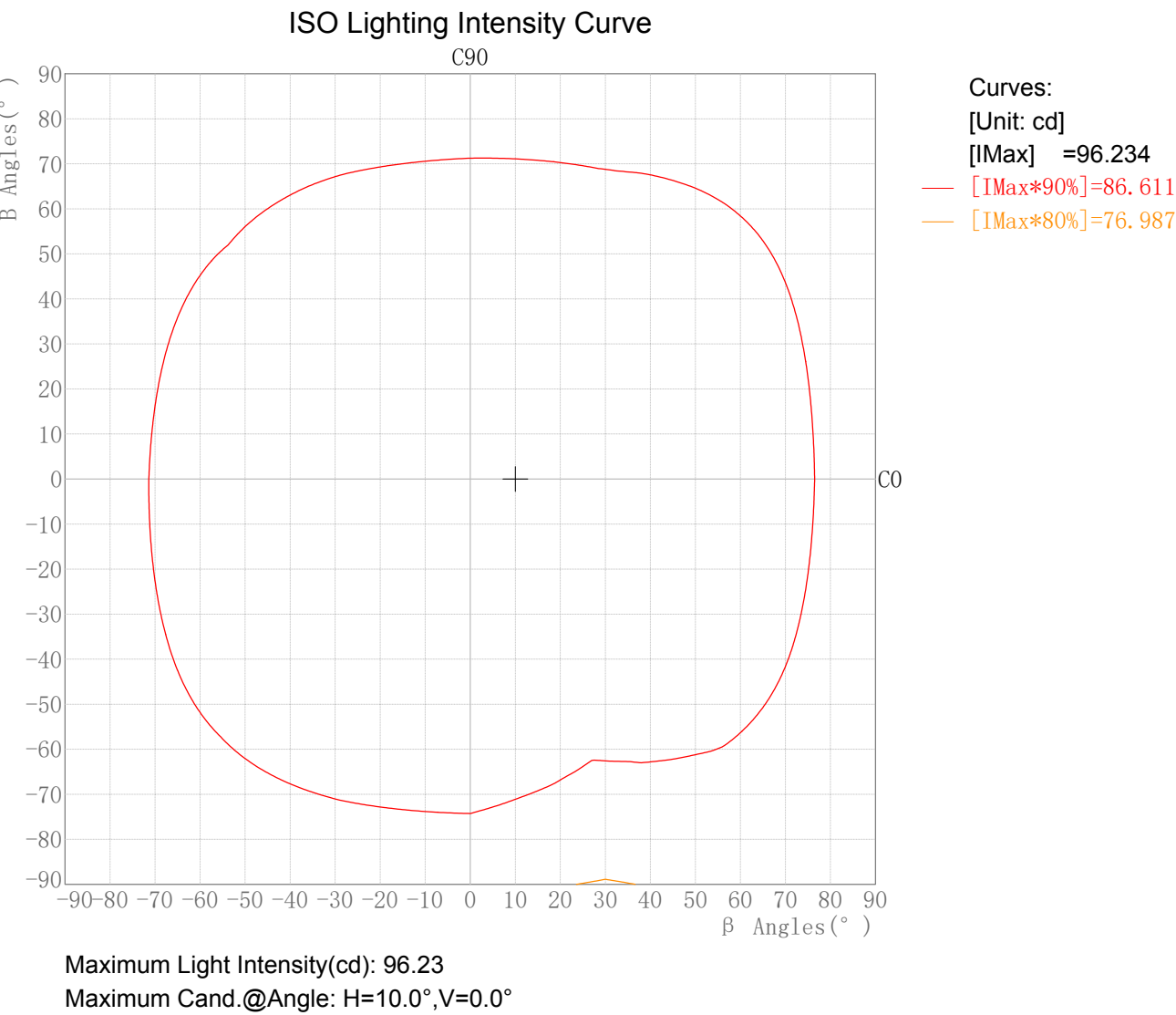
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.09	0.09	0.01	0.01	47.0-48.0	7.49	196.11	0.83	21.66
1.0-2.0	0.27	0.37	0.03	0.04	48.0-49.0	7.60	203.71	0.84	22.50
2.0-3.0	0.46	0.82	0.05	0.09	49.0-50.0	7.70	211.41	0.85	23.36
3.0-4.0	0.64	1.47	0.07	0.16	50.0-51.0	7.80	219.21	0.86	24.22
4.0-5.0	0.82	2.29	0.09	0.25	51.0-52.0	7.90	227.10	0.87	25.09
5.0-6.0	1.01	3.30	0.11	0.36	52.0-53.0	7.99	235.09	0.88	25.97
6.0-7.0	1.19	4.49	0.13	0.50	53.0-54.0	8.08	243.17	0.89	26.86
7.0-8.0	1.37	5.86	0.15	0.65	54.0-55.0	8.16	251.33	0.90	27.77
8.0-9.0	1.55	7.41	0.17	0.82	55.0-56.0	8.25	259.58	0.91	28.68
9.0-10.0	1.73	9.14	0.19	1.01	56.0-57.0	8.32	267.90	0.92	29.60
10.0-11.0	1.91	11.05	0.21	1.22	57.0-58.0	8.40	276.30	0.93	30.52
11.0-12.0	2.09	13.14	0.23	1.45	58.0-59.0	8.47	284.77	0.94	31.46
12.0-13.0	2.27	15.41	0.25	1.70	59.0-60.0	8.54	293.30	0.94	32.40
13.0-14.0	2.45	17.86	0.27	1.97	60.0-61.0	8.60	301.91	0.95	33.35
14.0-15.0	2.62	20.49	0.29	2.26	61.0-62.0	8.66	310.57	0.96	34.31
15.0-16.0	2.80	23.29	0.31	2.57	62.0-63.0	8.71	319.28	0.96	35.27
16.0-17.0	2.98	26.26	0.33	2.90	63.0-64.0	8.77	328.05	0.97	36.24
17.0-18.0	3.15	29.41	0.35	3.25	64.0-65.0	8.82	336.86	0.97	37.21
18.0-19.0	3.32	32.73	0.37	3.62	65.0-66.0	8.86	345.72	0.98	38.19
19.0-20.0	3.49	36.23	0.39	4.00	66.0-67.0	8.90	354.62	0.98	39.18
20.0-21.0	3.66	39.89	0.40	4.41	67.0-68.0	8.93	363.55	0.99	40.16
21.0-22.0	3.83	43.72	0.42	4.83	68.0-69.0	8.96	372.52	0.99	41.15
22.0-23.0	4.00	47.72	0.44	5.27	69.0-70.0	8.99	381.51	0.99	42.15
23.0-24.0	4.16	51.88	0.46	5.73	70.0-71.0	9.01	390.52	1.00	43.14
24.0-25.0	4.33	56.21	0.48	6.21	71.0-72.0	9.03	399.55	1.00	44.14
25.0-26.0	4.49	60.70	0.50	6.71	72.0-73.0	9.04	408.59	1.00	45.14
26.0-27.0	4.65	65.36	0.51	7.22	73.0-74.0	9.05	417.64	1.00	46.14
27.0-28.0	4.81	70.17	0.53	7.75	74.0-75.0	9.06	426.70	1.00	47.14
28.0-29.0	4.97	75.14	0.55	8.30	75.0-76.0	9.06	435.76	1.00	48.14
29.0-30.0	5.12	80.26	0.57	8.87	76.0-77.0	9.05	444.81	1.00	49.14
30.0-31.0	5.27	85.53	0.58	9.45	77.0-78.0	9.05	453.86	1.00	50.14
31.0-32.0	5.42	90.95	0.60	10.05	78.0-79.0	9.03	462.89	1.00	51.14
32.0-33.0	5.56	96.51	0.61	10.66	79.0-80.0	9.02	471.91	1.00	52.13
33.0-34.0	5.71	102.22	0.63	11.29	80.0-81.0	9.00	480.90	0.99	53.13
34.0-35.0	5.85	108.07	0.65	11.94	81.0-82.0	8.97	489.88	0.99	54.12
35.0-36.0	5.99	114.06	0.66	12.60	82.0-83.0	8.94	498.82	0.99	55.11
36.0-37.0	6.13	120.19	0.68	13.28	83.0-84.0	8.91	507.73	0.98	56.09
37.0-38.0	6.27	126.46	0.69	13.97	84.0-85.0	8.88	516.61	0.98	57.07
38.0-39.0	6.40	132.86	0.71	14.68	85.0-86.0	8.84	525.45	0.98	58.05
39.0-40.0	6.54	139.40	0.72	15.40	86.0-87.0	8.79	534.24	0.97	59.02
40.0-41.0	6.67	146.06	0.74	16.14	87.0-88.0	8.75	542.99	0.97	59.99
41.0-42.0	6.79	152.86	0.75	16.89	88.0-89.0	8.70	551.68	0.96	60.95
42.0-43.0	6.92	159.77	0.76	17.65	89.0-90.0	8.64	560.32	0.95	61.90
43.0-44.0	7.04	166.81	0.78	18.43	90.0-91.0	8.58	568.91	0.95	62.85
44.0-45.0	7.16	173.97	0.79	19.22	91.0-92.0	8.52	577.43	0.94	63.79
45.0-46.0	7.27	181.24	0.80	20.02	92.0-93.0	8.46	585.89	0.93	64.72
46.0-47.0	7.38	188.62	0.82	20.84	93.0-94.0	8.39	594.28	0.93	65.65

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	8.32	602.59	0.92	66.57	141.0-142.0	2.71	865.11	0.30	95.57
95.0-96.0	8.24	610.83	0.91	67.48	142.0-143.0	2.61	867.71	0.29	95.86
96.0-97.0	8.16	618.99	0.90	68.38	143.0-144.0	2.51	870.22	0.28	96.14
97.0-98.0	8.08	627.07	0.89	69.27	144.0-145.0	2.41	872.63	0.27	96.40
98.0-99.0	7.99	635.07	0.88	70.16	145.0-146.0	2.31	874.93	0.25	96.66
99.0-100.0	7.90	642.97	0.87	71.03	146.0-147.0	2.21	877.15	0.24	96.90
100.0-101.0	7.81	650.78	0.86	71.89	147.0-148.0	2.12	879.27	0.23	97.14
101.0-102.0	7.72	658.50	0.85	72.75	148.0-149.0	2.03	881.29	0.22	97.36
102.0-103.0	7.62	666.11	0.84	73.59	149.0-150.0	1.93	883.23	0.21	97.57
103.0-104.0	7.52	673.63	0.83	74.42	150.0-151.0	1.84	885.06	0.20	97.78
104.0-105.0	7.42	681.05	0.82	75.24	151.0-152.0	1.74	886.80	0.19	97.97
105.0-106.0	7.31	688.36	0.81	76.05	152.0-153.0	1.65	888.45	0.18	98.15
106.0-107.0	7.21	695.57	0.80	76.84	153.0-154.0	1.56	890.01	0.17	98.32
107.0-108.0	7.10	702.67	0.78	77.63	154.0-155.0	1.47	891.47	0.16	98.48
108.0-109.0	6.99	709.67	0.77	78.40	155.0-156.0	1.38	892.85	0.15	98.64
109.0-110.0	6.88	716.54	0.76	79.16	156.0-157.0	1.29	894.14	0.14	98.78
110.0-111.0	6.77	723.31	0.75	79.91	157.0-158.0	1.20	895.34	0.13	98.91
111.0-112.0	6.65	729.96	0.73	80.64	158.0-159.0	1.12	896.46	0.12	99.03
112.0-113.0	6.52	736.48	0.72	81.36	159.0-160.0	1.04	897.50	0.11	99.15
113.0-114.0	6.39	742.87	0.71	82.07	160.0-161.0	0.96	898.45	0.11	99.25
114.0-115.0	6.25	749.12	0.69	82.76	161.0-162.0	0.88	899.33	0.10	99.35
115.0-116.0	6.11	755.23	0.67	83.43	162.0-163.0	0.80	900.14	0.09	99.44
116.0-117.0	5.97	761.19	0.66	84.09	163.0-164.0	0.73	900.87	0.08	99.52
117.0-118.0	5.82	767.01	0.64	84.73	164.0-165.0	0.66	901.53	0.07	99.59
118.0-119.0	5.67	772.69	0.63	85.36	165.0-166.0	0.59	902.12	0.07	99.66
119.0-120.0	5.52	778.21	0.61	85.97	166.0-167.0	0.52	902.64	0.06	99.72
120.0-121.0	5.37	783.57	0.59	86.56	167.0-168.0	0.46	903.10	0.05	99.77
121.0-122.0	5.22	788.79	0.58	87.14	168.0-169.0	0.40	903.51	0.04	99.81
122.0-123.0	5.06	793.85	0.56	87.70	169.0-170.0	0.34	903.85	0.04	99.85
123.0-124.0	4.92	798.77	0.54	88.24	170.0-171.0	0.29	904.14	0.03	99.88
124.0-125.0	4.77	803.54	0.53	88.77	171.0-172.0	0.24	904.39	0.03	99.91
125.0-126.0	4.62	808.16	0.51	89.28	172.0-173.0	0.20	904.59	0.02	99.93
126.0-127.0	4.48	812.65	0.50	89.78	173.0-174.0	0.16	904.75	0.02	99.95
127.0-128.0	4.35	816.99	0.48	90.26	174.0-175.0	0.13	904.88	0.01	99.96
128.0-129.0	4.21	821.21	0.47	90.72	175.0-176.0	0.11	904.99	0.01	99.98
129.0-130.0	4.09	825.29	0.45	91.17	176.0-177.0	0.09	905.08	0.01	99.99
130.0-131.0	3.96	829.26	0.44	91.61	177.0-178.0	0.07	905.15	0.01	99.99
131.0-132.0	3.84	833.09	0.42	92.03	178.0-179.0	0.04	905.19	0.00	100.00
132.0-133.0	3.72	836.81	0.41	92.44	179.0-180.0	0.01	905.20	0.00	100.00
133.0-134.0	3.60	840.41	0.40	92.84					
134.0-135.0	3.48	843.89	0.38	93.23					
135.0-136.0	3.36	847.26	0.37	93.60					
136.0-137.0	3.25	850.50	0.36	93.96					
137.0-138.0	3.14	853.64	0.35	94.30					
138.0-139.0	3.03	856.67	0.33	94.64					
139.0-140.0	2.92	859.58	0.32	94.96					
140.0-141.0	2.81	862.40	0.31	95.27					

Rectangle ISO Lighting Intensity Diagram

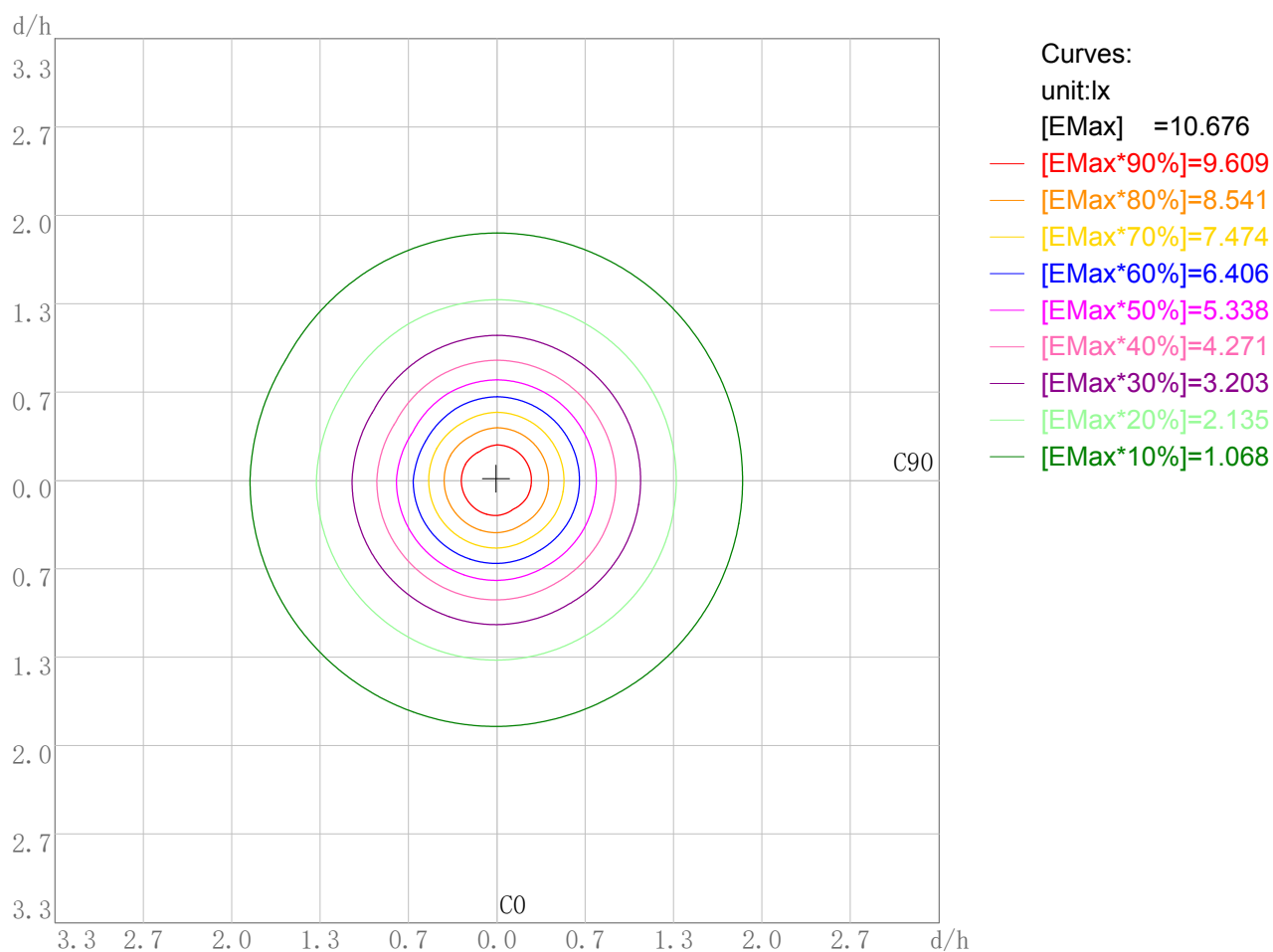
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/06



### Plane ISO-Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/06

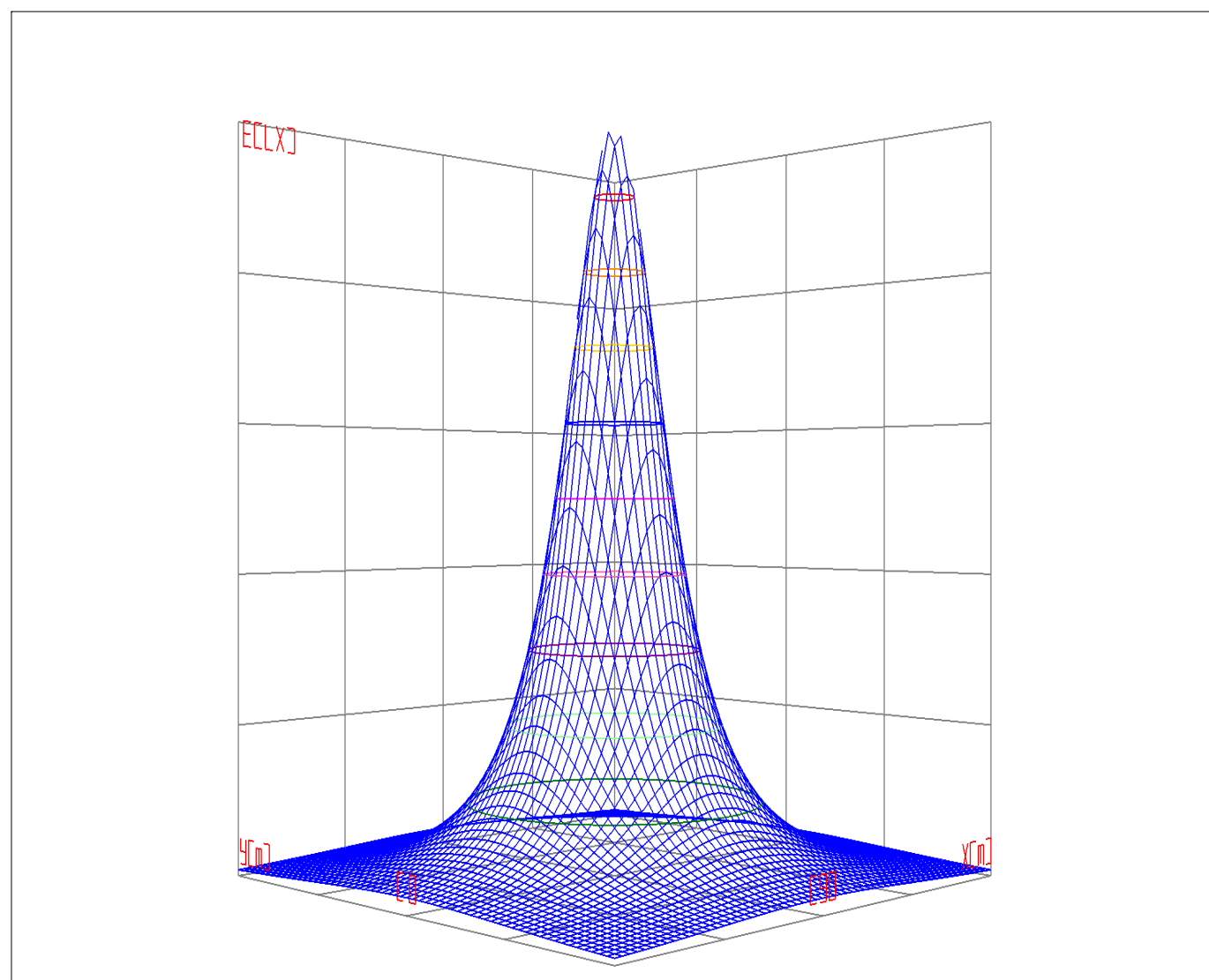
Plane ISO-Illuminance Curve



### 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: 2021/10/06

### 3D Plane Illuminance Modal



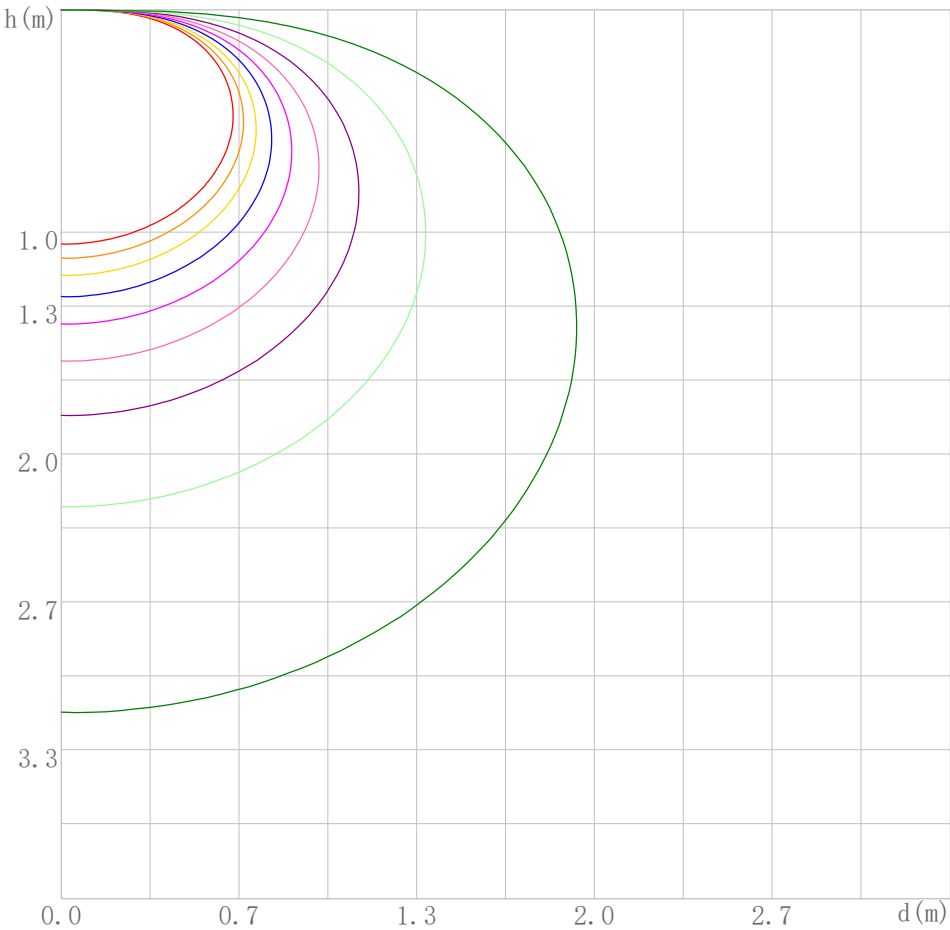
Curves: 3D Model 90% 80% 70% 60% 50% 40% 30% 20% 10%  
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0



Space ISO Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/06

Space ISO Illuminance Curve

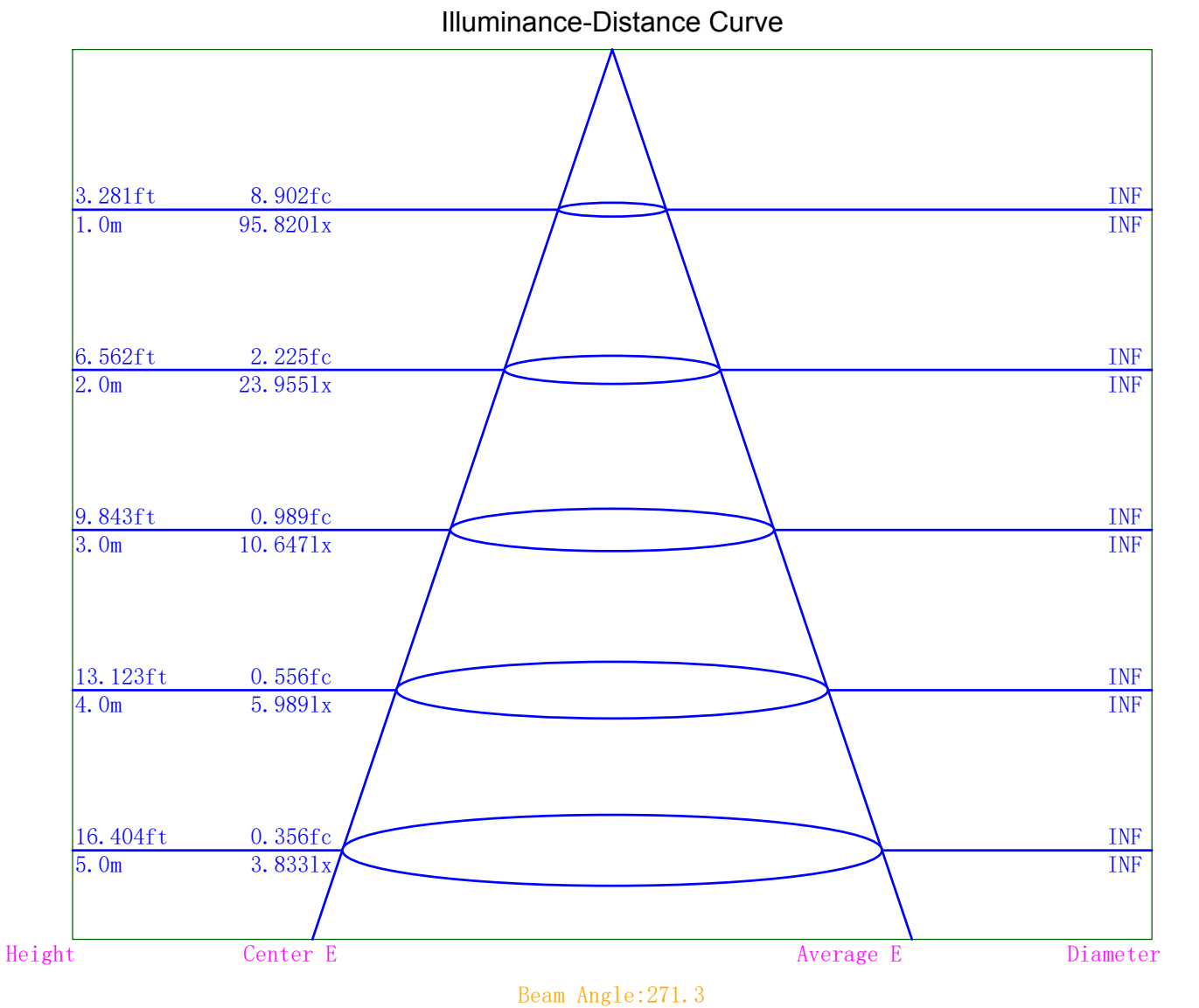


- Curves:  
[Unit: lx]  
[EMax] =95.933
- [EMax\*90%]=86.340
  - [EMax\*80%]=76.747
  - [EMax\*70%]=67.153
  - [EMax\*60%]=57.560
  - [EMax\*50%]=47.967
  - [EMax\*40%]=38.373
  - [EMax\*30%]=28.780
  - [EMax\*20%]=19.187
  - [EMax\*10%]=9.593

Space Plane Maximum Illuminance and @Angle:95.93lx,1.0deg  
Plane Maximum Lighting Intensity and @Angle:96.234cd,0deg

Illuminance-Distance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/06



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.

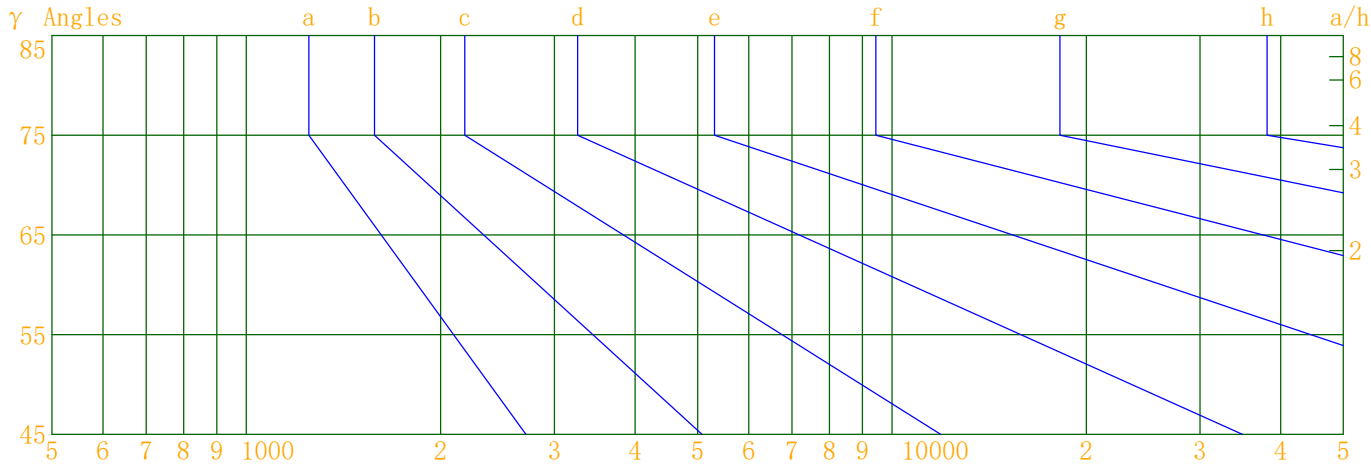
Glare Grade Table

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), 45, 50, 55, 60, 65, 70, 75, 80, 85, and 3 rows of luminance data (C0, C90, C90).

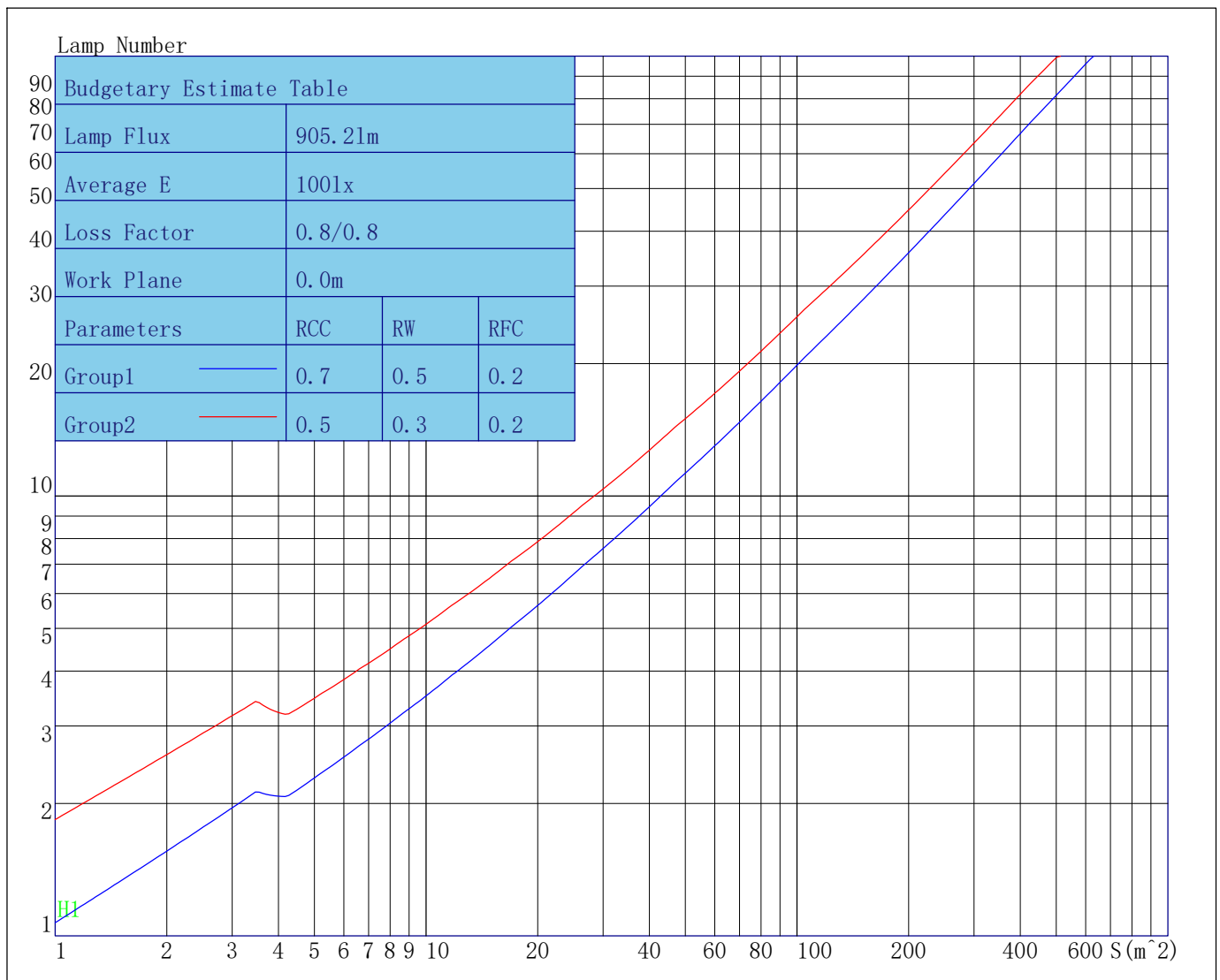
Luminance Limiting Curve



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: 2021/10/06



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: 2021/10/06

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	110	110	110	110	103	103	103	103	90	90	90	78	78	78	67	67	67	62
1	96	89	83	78	89	83	78	73	72	68	64	61	58	55	52	49	47	42
2	85	75	67	60	79	70	63	57	60	55	50	51	47	43	43	39	36	32
3	77	65	56	48	71	60	52	45	52	45	40	44	39	34	37	33	29	25
4	70	57	47	40	64	53	44	37	45	38	33	38	33	28	32	28	24	20
5	64	50	40	33	59	46	38	31	40	33	27	34	28	24	28	24	20	17
6	58	44	35	28	54	41	33	27	36	29	23	30	25	20	25	21	17	14
7	54	40	31	24	50	37	29	23	32	25	20	28	22	18	23	18	15	12
8	50	36	27	21	46	34	26	20	29	23	18	25	20	15	21	17	13	11
9	46	33	24	19	43	31	23	18	27	20	16	23	18	14	19	15	12	9
10	43	30	22	17	40	28	21	16	25	18	14	21	16	12	18	14	10	8

Unified Glare Rating Table

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/06

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	24.9	26.0	25.7	26.9	27.9	24.7	25.9	25.6	26.7	27.8
	Y=3H	28.1	29.1	28.9	30.0	31.1	27.9	29.0	28.8	29.8	30.9
	Y=4H	29.8	30.8	30.7	31.7	32.8	29.7	30.7	30.6	31.6	32.7
	Y=6H	31.8	32.8	32.7	33.7	34.8	31.7	32.6	32.6	33.5	34.6
	Y=8H	32.9	33.8	33.8	34.7	35.9	32.8	33.7	33.7	34.6	35.7
	Y=12H	34.2	35.1	35.1	36.0	37.1	34.1	34.9	34.9	35.8	37.0
X=4H	Y=2H	26.0	27.0	26.8	27.9	29.0	25.9	26.9	26.8	27.8	28.9
	Y=3H	29.4	30.2	30.2	31.2	32.3	29.3	30.1	30.1	31.1	32.2
	Y=4H	31.3	32.1	32.2	33.0	34.2	31.2	32.0	32.1	32.9	34.1
	Y=6H	33.5	34.2	34.3	35.1	36.3	33.3	34.1	34.2	35.0	36.1
	Y=8H	34.7	35.3	35.5	36.3	37.4	34.5	35.2	35.4	36.1	37.3
	Y=12H	36.0	36.7	36.9	37.6	38.8	35.9	36.5	36.8	37.5	38.6
X=8H	Y=4H	32.1	32.8	33.0	33.7	34.9	32.0	32.7	32.9	33.6	34.8
	Y=6H	34.5	35.1	35.4	36.1	37.4	34.4	35.0	35.3	36.0	37.3
	Y=8H	35.9	36.4	36.8	37.4	38.6	35.8	36.3	36.7	37.3	38.5
	Y=12H	37.5	38.0	38.4	38.9	40.1	37.4	37.9	38.3	38.8	40.0
X=12H	Y=4H	32.3	32.9	33.2	33.9	35.1	32.2	32.9	33.2	33.8	35.0
	Y=6H	34.9	35.4	35.8	36.3	37.5	34.8	35.3	35.7	36.2	37.5
	Y=8H	36.3	36.8	37.3	37.8	39.0	36.3	36.7	37.2	37.7	38.9
Variations with the objerver position at spacings											
S=1.0H		0.0/-0.1					0.0/-0.0				
S=1.5H		0.1/-0.1					0.1/-0.1				
S=2.0H		0.2/-0.3					0.2/-0.3				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		7.1					7.1				

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

IES Indoor Report  
Photometric Filename:LL-Φ-300-1000-A.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	95. 82	95. 82	95. 82	95. 82	95. 82	95. 82	95. 82	95. 82	95. 82	95. 82	95. 82	95. 82
γ 1. 0	95. 98	96. 06	95. 89	95. 83	95. 73	94. 85	95. 98	96. 13	95. 92	95. 93	95. 92	94. 99
γ 2. 0	96. 02	95. 98	95. 88	95. 83	95. 79	94. 78	95. 98	96. 09	95. 93	95. 98	95. 90	95. 00
γ 3. 0	96. 12	95. 99	95. 92	95. 66	95. 77	94. 88	95. 98	96. 07	95. 96	95. 95	95. 93	95. 05
γ 4. 0	96. 11	96. 04	95. 93	95. 80	95. 73	94. 87	95. 96	96. 07	95. 99	95. 96	96. 11	94. 98
γ 5. 0	96. 04	96. 04	95. 88	95. 72	95. 65	94. 85	95. 93	96. 05	95. 96	96. 11	96. 10	95. 05
γ 6. 0	96. 14	95. 96	95. 76	95. 64	95. 60	94. 89	95. 83	96. 08	95. 95	96. 07	96. 06	95. 05
γ 7. 0	96. 14	95. 93	95. 71	95. 63	95. 51	94. 76	95. 81	95. 99	96. 11	96. 03	96. 15	95. 11
γ 8. 0	96. 16	96. 01	95. 75	95. 59	95. 58	94. 71	95. 82	96. 03	96. 03	96. 11	96. 03	95. 08
γ 9. 0	96. 14	96. 06	95. 77	95. 48	95. 49	94. 75	95. 71	95. 91	96. 11	96. 10	96. 08	95. 22
γ 10. 0	96. 23	96. 06	95. 64	95. 52	95. 46	94. 68	95. 70	96. 04	96. 07	96. 13	96. 15	95. 14
γ 11. 0	96. 17	95. 96	95. 57	95. 47	95. 29	94. 53	95. 62	95. 98	96. 01	96. 06	96. 02	95. 16
γ 12. 0	96. 13	96. 04	95. 63	95. 41	95. 34	94. 50	95. 69	95. 95	96. 01	96. 10	96. 12	95. 20
γ 13. 0	96. 23	95. 99	95. 49	95. 34	95. 27	94. 39	95. 69	95. 79	96. 07	96. 09	96. 04	95. 27
γ 14. 0	96. 17	95. 94	95. 52	95. 35	95. 22	94. 50	95. 62	95. 86	96. 04	96. 03	96. 02	95. 18
γ 15. 0	96. 13	95. 93	95. 49	95. 21	95. 22	94. 36	95. 50	95. 84	95. 96	96. 10	96. 01	95. 16
γ 16. 0	96. 08	95. 89	95. 47	95. 14	95. 13	94. 32	95. 49	95. 78	96. 02	96. 14	96. 14	95. 18
γ 17. 0	96. 16	95. 91	95. 37	95. 14	95. 10	94. 39	95. 43	95. 72	95. 91	96. 01	96. 06	95. 15
γ 18. 0	96. 14	95. 85	95. 30	95. 02	95. 05	94. 19	95. 33	95. 69	95. 87	95. 98	96. 18	95. 20
γ 19. 0	96. 01	95. 81	95. 22	94. 99	94. 96	94. 11	95. 23	95. 68	96. 01	95. 98	96. 05	95. 14
γ 20. 0	96. 11	95. 67	95. 14	95. 01	94. 89	94. 04	95. 26	95. 52	95. 86	95. 92	96. 07	95. 20
γ 21. 0	96. 00	95. 64	95. 14	94. 92	94. 77	94. 06	95. 25	95. 46	95. 74	95. 96	96. 08	95. 05
γ 22. 0	95. 99	95. 57	95. 03	94. 83	94. 81	93. 95	95. 08	95. 50	95. 79	95. 97	96. 05	95. 03
γ 23. 0	95. 97	95. 52	94. 94	94. 69	94. 71	93. 98	95. 06	95. 39	95. 80	95. 84	95. 98	95. 18
γ 24. 0	95. 96	95. 49	94. 82	94. 64	94. 63	93. 86	94. 98	95. 30	95. 78	95. 87	95. 98	95. 10
γ 25. 0	96. 07	95. 47	94. 78	94. 55	94. 63	93. 77	94. 95	95. 22	95. 62	95. 86	95. 97	95. 06
γ 26. 0	95. 95	95. 27	94. 67	94. 50	94. 56	93. 67	94. 92	95. 21	95. 72	95. 85	95. 99	95. 07
γ 27. 0	95. 83	95. 29	94. 63	94. 42	94. 41	93. 74	94. 81	95. 13	95. 57	95. 81	95. 84	94. 97
γ 28. 0	95. 85	95. 25	94. 53	94. 39	94. 44	93. 58	94. 68	95. 12	95. 45	95. 79	95. 89	94. 99
γ 29. 0	95. 82	95. 15	94. 45	94. 29	94. 32	93. 48	94. 69	95. 04	95. 50	95. 67	95. 73	94. 96
γ 30. 0	95. 73	94. 97	94. 32	94. 20	94. 25	93. 40	94. 50	94. 86	95. 33	95. 67	95. 48	94. 92
γ 31. 0	95. 71	94. 88	94. 19	94. 09	94. 11	93. 28	94. 48	94. 84	95. 31	95. 58	95. 40	94. 80
γ 32. 0	95. 62	94. 89	94. 19	94. 02	93. 94	93. 24	94. 31	94. 73	95. 33	95. 55	92. 10	94. 75
γ 33. 0	95. 59	94. 77	94. 07	93. 88	93. 90	93. 14	94. 24	94. 65	95. 21	95. 45	92. 04	94. 71
γ 34. 0	95. 63	94. 79	93. 97	93. 84	93. 78	93. 07	94. 11	94. 61	95. 07	95. 43	91. 98	94. 66
γ 35. 0	95. 44	94. 67	93. 81	93. 70	93. 69	92. 89	94. 09	94. 53	95. 07	95. 35	91. 92	94. 55
γ 36. 0	95. 41	94. 54	93. 68	93. 50	93. 53	92. 81	94. 07	94. 37	94. 91	95. 21	91. 82	94. 45
γ 37. 0	95. 33	94. 51	93. 66	93. 54	93. 46	92. 77	93. 96	94. 22	94. 75	95. 10	91. 66	94. 49
γ 38. 0	95. 24	94. 32	93. 51	93. 45	93. 30	92. 65	93. 81	94. 18	94. 68	95. 09	91. 63	94. 32
γ 39. 0	95. 11	94. 32	93. 43	93. 37	93. 29	92. 46	93. 74	94. 09	94. 70	94. 89	91. 55	94. 25
γ 40. 0	94. 99	94. 17	93. 38	93. 14	93. 10	92. 37	93. 50	94. 04	94. 63	94. 92	91. 55	94. 18
γ 41. 0	94. 97	94. 12	93. 22	93. 14	92. 99	92. 31	93. 50	93. 87	94. 35	94. 76	91. 37	94. 00
γ 42. 0	94. 83	93. 96	93. 08	92. 94	92. 94	92. 13	93. 33	93. 77	94. 30	94. 61	91. 26	93. 81
γ 43. 0	94. 82	93. 77	92. 94	92. 88	92. 75	91. 95	93. 18	93. 54	94. 18	94. 46	91. 20	93. 86
γ 44. 0	94. 66	93. 75	92. 82	92. 74	92. 58	91. 92	93. 06	93. 49	94. 03	94. 43	91. 04	93. 62
γ 45. 0	94. 61	93. 49	92. 62	92. 57	92. 49	91. 76	92. 85	93. 38	93. 92	94. 13	90. 94	93. 50
γ 46. 0	94. 36	93. 37	92. 52	92. 41	92. 39	91. 56	92. 72	93. 14	93. 78	94. 02	90. 89	93. 44

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	94. 23	93. 31	92. 45	92. 12	92. 14	91. 38	92. 57	93. 05	93. 56	93. 87	90. 75	93. 21
γ 48. 0	94. 19	93. 13	92. 30	92. 11	91. 99	91. 25	92. 46	92. 81	93. 51	93. 72	90. 53	93. 10
γ 49. 0	94. 02	92. 96	92. 08	92. 12	91. 88	91. 12	92. 26	92. 71	93. 35	93. 57	90. 36	92. 96
γ 50. 0	93. 81	92. 76	91. 90	91. 86	91. 66	90. 93	92. 04	92. 50	93. 12	93. 40	90. 24	92. 82
γ 51. 0	93. 67	92. 58	91. 78	91. 59	91. 54	90. 69	91. 86	92. 30	92. 95	93. 23	90. 17	92. 61
γ 52. 0	93. 51	92. 55	91. 60	91. 48	91. 25	90. 51	91. 73	92. 14	92. 78	93. 03	90. 00	92. 45
γ 53. 0	93. 27	92. 32	91. 37	91. 30	91. 14	90. 39	91. 50	92. 03	92. 55	92. 94	89. 62	92. 36
γ 54. 0	93. 08	92. 18	91. 17	91. 04	90. 95	90. 14	91. 33	91. 73	92. 43	92. 71	89. 47	92. 08
γ 55. 0	92. 89	92. 04	90. 99	90. 83	90. 79	89. 97	91. 13	91. 49	92. 14	92. 49	89. 34	91. 84
γ 56. 0	92. 68	91. 85	90. 84	90. 71	90. 57	89. 83	90. 88	91. 27	92. 02	92. 26	89. 05	91. 70
γ 57. 0	92. 49	91. 61	90. 57	90. 38	90. 27	89. 54	90. 71	91. 16	91. 78	92. 00	88. 81	91. 50
γ 58. 0	92. 28	91. 37	90. 33	90. 19	90. 07	89. 41	90. 43	90. 86	91. 48	91. 77	88. 62	91. 36
γ 59. 0	92. 04	91. 19	90. 17	89. 98	89. 89	89. 14	90. 17	90. 61	91. 34	91. 46	88. 38	91. 14
γ 60. 0	91. 89	91. 05	89. 92	89. 78	89. 58	89. 02	90. 01	90. 47	91. 05	91. 39	88. 12	90. 94
γ 61. 0	91. 62	90. 68	89. 65	89. 55	89. 33	88. 63	89. 77	90. 15	90. 79	91. 07	87. 92	90. 69
γ 62. 0	91. 34	90. 51	89. 45	89. 34	89. 05	88. 39	89. 48	89. 89	90. 58	90. 71	87. 58	90. 27
γ 63. 0	91. 08	90. 22	89. 22	88. 99	88. 74	88. 19	89. 23	89. 56	90. 18	90. 42	87. 24	90. 09
γ 64. 0	90. 96	89. 99	88. 93	88. 75	88. 66	87. 97	88. 94	89. 29	90. 06	90. 28	87. 10	89. 84
γ 65. 0	90. 65	89. 79	88. 73	88. 46	88. 33	87. 61	88. 59	88. 99	89. 71	90. 00	86. 86	89. 61
γ 66. 0	90. 28	89. 49	88. 43	88. 19	87. 99	87. 40	88. 37	88. 69	89. 42	89. 62	86. 49	89. 24
γ 67. 0	89. 97	89. 21	88. 11	87. 98	87. 71	87. 08	87. 97	88. 36	89. 04	89. 29	86. 18	88. 93
γ 68. 0	89. 78	88. 96	87. 83	87. 63	87. 36	86. 79	87. 71	88. 03	88. 75	88. 98	85. 81	88. 66
γ 69. 0	89. 28	88. 58	87. 51	87. 33	87. 07	86. 51	87. 44	87. 64	88. 36	88. 58	85. 56	88. 39
γ 70. 0	89. 00	88. 14	87. 18	86. 93	86. 81	86. 14	87. 08	87. 40	88. 02	88. 27	85. 12	88. 01
γ 71. 0	88. 70	87. 92	86. 88	86. 68	86. 36	85. 78	86. 74	87. 04	87. 67	87. 80	84. 83	87. 55
γ 72. 0	88. 31	87. 51	86. 42	86. 37	86. 05	85. 31	86. 41	86. 66	87. 28	87. 48	84. 42	87. 18
γ 73. 0	87. 96	87. 13	86. 25	85. 98	85. 72	85. 13	86. 10	86. 27	86. 90	87. 09	84. 12	86. 83
γ 74. 0	87. 53	86. 82	85. 92	85. 60	85. 38	84. 78	85. 63	85. 92	86. 50	86. 71	83. 72	86. 41
γ 75. 0	87. 25	86. 44	85. 50	85. 21	85. 03	84. 31	85. 28	85. 52	86. 11	86. 34	83. 37	85. 99
γ 76. 0	86. 84	86. 07	85. 06	84. 86	84. 59	83. 99	84. 79	85. 16	85. 59	85. 93	82. 91	85. 65
γ 77. 0	86. 36	85. 64	84. 68	84. 38	84. 20	83. 62	84. 41	84. 69	85. 17	85. 40	82. 55	85. 28
γ 78. 0	85. 90	85. 27	84. 24	84. 03	83. 83	83. 18	83. 93	84. 27	84. 79	85. 03	82. 10	84. 71
γ 79. 0	85. 51	84. 73	83. 90	83. 59	83. 37	82. 80	83. 53	83. 74	84. 40	84. 47	81. 71	84. 31
γ 80. 0	85. 05	84. 41	83. 54	83. 13	82. 95	82. 35	83. 03	83. 31	83. 93	84. 11	81. 24	83. 88
γ 81. 0	84. 63	83. 88	82. 95	82. 87	82. 41	81. 93	82. 55	82. 88	83. 59	83. 59	80. 83	83. 41
γ 82. 0	84. 14	83. 48	82. 57	82. 33	82. 10	81. 43	82. 12	82. 39	83. 01	83. 20	80. 36	82. 96
γ 83. 0	83. 64	83. 04	82. 09	81. 94	81. 50	80. 96	81. 66	81. 86	82. 48	82. 62	79. 95	82. 44
γ 84. 0	83. 19	82. 55	81. 67	81. 48	81. 14	80. 43	81. 19	81. 37	82. 03	82. 18	79. 56	82. 01
γ 85. 0	82. 65	82. 14	81. 12	81. 01	80. 65	80. 03	80. 81	80. 90	81. 51	81. 65	78. 99	81. 60
γ 86. 0	82. 21	81. 62	80. 70	80. 45	80. 19	79. 54	80. 31	80. 50	80. 99	81. 08	78. 50	81. 05
γ 87. 0	81. 72	81. 18	80. 34	80. 03	79. 70	79. 02	79. 77	79. 84	80. 44	80. 64	77. 97	80. 43
γ 88. 0	81. 09	80. 58	79. 92	79. 61	79. 13	78. 53	79. 33	79. 41	79. 93	80. 02	77. 56	79. 95
γ 89. 0	80. 67	80. 06	79. 25	79. 07	78. 71	78. 04	78. 72	78. 85	79. 49	79. 47	77. 00	79. 37
γ 90. 0	80. 07	79. 56	78. 75	78. 61	78. 21	77. 57	78. 26	78. 26	78. 87	78. 97	76. 45	78. 88
γ 91. 0	79. 61	79. 00	78. 28	77. 88	77. 61	77. 06	77. 80	77. 73	78. 44	78. 39	76. 01	78. 38
γ 92. 0	78. 94	78. 48	77. 70	77. 36	77. 11	76. 57	77. 19	77. 23	77. 77	77. 98	75. 32	77. 77
γ 93. 0	78. 52	77. 87	77. 26	76. 89	76. 61	75. 94	76. 60	76. 68	77. 27	77. 36	74. 91	77. 16



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	77. 94	77. 32	76. 65	76. 39	76. 18	75. 44	76. 08	76. 09	76. 79	76. 85	74. 35	76. 53
γ 95. 0	77. 32	76. 74	76. 09	75. 91	75. 51	74. 86	75. 50	75. 35	76. 08	76. 18	73. 68	76. 02
γ 96. 0	76. 63	76. 27	75. 53	75. 34	74. 90	74. 35	74. 87	74. 73	75. 53	75. 65	73. 10	75. 46
γ 97. 0	76. 25	75. 69	74. 98	74. 77	74. 35	73. 65	74. 29	74. 22	74. 91	75. 03	72. 55	74. 85
γ 98. 0	75. 51	75. 02	74. 30	74. 06	73. 73	73. 08	73. 71	73. 65	74. 20	74. 39	71. 99	74. 29
γ 99. 0	74. 96	74. 28	73. 84	73. 60	73. 14	72. 51	73. 12	73. 00	73. 57	73. 65	71. 40	73. 67
γ 100. 0	74. 35	73. 82	73. 08	72. 98	72. 68	71. 89	72. 36	72. 32	72. 93	73. 07	70. 75	72. 95
γ 101. 0	73. 60	73. 19	72. 47	72. 29	71. 90	71. 29	71. 80	71. 74	72. 34	72. 47	70. 03	72. 32
γ 102. 0	73. 03	72. 52	71. 80	71. 70	71. 26	70. 67	71. 21	70. 90	71. 66	71. 86	69. 46	71. 57
γ 103. 0	72. 40	71. 76	71. 18	71. 24	70. 67	69. 95	70. 44	70. 43	70. 93	71. 01	68. 86	71. 02
γ 104. 0	71. 79	71. 07	70. 54	70. 52	70. 06	69. 42	69. 88	69. 80	70. 29	70. 38	68. 26	70. 32
γ 105. 0	71. 08	70. 55	69. 86	69. 89	69. 37	68. 79	69. 17	69. 14	69. 72	69. 75	67. 55	69. 75
γ 106. 0	70. 49	69. 78	69. 24	69. 33	68. 70	68. 02	68. 48	68. 40	69. 05	69. 17	66. 93	69. 09
γ 107. 0	69. 88	69. 07	68. 52	68. 66	68. 12	67. 42	67. 71	67. 69	68. 39	68. 43	66. 26	68. 48
γ 108. 0	69. 13	68. 50	67. 96	68. 04	67. 47	66. 74	67. 01	67. 12	67. 69	67. 77	65. 56	67. 77
γ 109. 0	68. 38	67. 89	67. 25	67. 32	66. 83	66. 04	66. 47	66. 49	67. 06	67. 04	64. 90	67. 17
γ 110. 0	67. 83	67. 12	66. 56	66. 63	66. 13	65. 47	65. 72	65. 55	66. 37	66. 30	64. 29	66. 47
γ 111. 0	67. 13	66. 18	65. 96	66. 09	65. 56	64. 71	65. 13	64. 60	65. 69	65. 68	64. 06	65. 80
γ 112. 0	66. 41	65. 07	65. 22	65. 44	64. 78	64. 10	64. 43	63. 55	65. 00	64. 88	62. 98	65. 04
γ 113. 0	65. 79	63. 80	64. 51	64. 75	64. 11	63. 25	63. 72	62. 46	64. 25	64. 18	62. 22	64. 38
γ 114. 0	65. 08	62. 47	63. 63	64. 10	63. 46	62. 42	63. 01	61. 33	63. 05	63. 60	61. 52	63. 69
γ 115. 0	64. 40	61. 08	62. 59	63. 32	62. 65	61. 87	62. 19	59. 88	61. 56	62. 76	60. 87	63. 08
γ 116. 0	63. 66	59. 73	61. 48	62. 76	62. 02	61. 13	61. 48	58. 50	60. 10	61. 98	60. 09	62. 33
γ 117. 0	62. 88	58. 46	60. 44	62. 02	61. 28	60. 37	60. 76	56. 97	58. 30	61. 28	59. 44	61. 67
γ 118. 0	62. 22	56. 93	59. 21	61. 29	60. 63	59. 69	60. 13	55. 57	56. 45	60. 51	58. 66	60. 83
γ 119. 0	61. 50	55. 49	57. 98	60. 56	59. 99	58. 85	59. 26	54. 19	54. 52	59. 72	57. 93	60. 22
γ 120. 0	60. 69	53. 96	56. 71	59. 90	59. 23	58. 11	58. 54	52. 65	52. 54	58. 91	57. 18	59. 41
γ 121. 0	59. 95	52. 29	55. 37	59. 18	58. 45	57. 45	57. 85	51. 19	50. 47	58. 18	56. 35	58. 70
γ 122. 0	59. 22	51. 00	54. 07	58. 47	57. 85	56. 72	57. 14	49. 73	48. 53	57. 13	55. 64	58. 01
γ 123. 0	58. 57	49. 76	52. 88	57. 71	57. 08	55. 97	56. 33	48. 37	46. 67	56. 04	54. 17	57. 25
γ 124. 0	57. 78	48. 51	51. 63	57. 05	56. 38	55. 34	55. 68	47. 11	44. 77	54. 99	53. 52	56. 46
γ 125. 0	57. 13	47. 52	50. 37	56. 42	55. 70	54. 56	54. 99	45. 72	42. 85	53. 72	52. 75	55. 81
γ 126. 0	56. 30	46. 55	49. 34	55. 55	55. 05	53. 77	54. 22	44. 59	40. 93	52. 38	52. 04	55. 02
γ 127. 0	55. 60	45. 76	48. 31	54. 89	54. 28	52. 99	53. 45	43. 39	39. 29	51. 10	51. 40	54. 32
γ 128. 0	54. 88	45. 02	47. 57	54. 24	53. 46	52. 31	52. 74	42. 33	38. 01	49. 67	50. 60	53. 56
γ 129. 0	54. 05	44. 29	46. 93	53. 47	52. 90	51. 53	51. 92	41. 41	36. 65	48. 29	49. 78	52. 94
γ 130. 0	53. 42	43. 68	46. 39	52. 85	52. 22	50. 74	51. 26	40. 74	35. 44	46. 85	49. 03	52. 16
γ 131. 0	52. 62	43. 15	45. 76	52. 11	51. 34	50. 09	50. 57	40. 08	34. 33	45. 45	48. 31	51. 31
γ 132. 0	51. 93	42. 71	45. 24	51. 34	50. 74	49. 23	49. 84	39. 43	33. 33	44. 11	47. 65	50. 66
γ 133. 0	51. 21	42. 33	44. 68	50. 56	49. 90	48. 58	49. 08	38. 80	32. 42	42. 99	46. 80	49. 94
γ 134. 0	50. 42	41. 89	44. 07	49. 92	49. 26	47. 89	48. 36	38. 03	31. 57	41. 77	46. 04	49. 22
γ 135. 0	49. 73	41. 58	43. 32	49. 16	48. 59	47. 21	47. 58	37. 38	30. 81	40. 79	45. 17	48. 51
γ 136. 0	48. 87	41. 08	42. 49	48. 48	47. 77	46. 51	46. 88	36. 71	30. 14	39. 76	44. 48	47. 68
γ 137. 0	48. 08	40. 63	41. 73	47. 60	47. 12	45. 84	46. 07	36. 08	29. 49	38. 70	43. 74	47. 02
γ 138. 0	47. 37	40. 10	41. 01	46. 89	46. 26	45. 09	45. 22	35. 54	29. 01	37. 91	43. 08	46. 33
γ 139. 0	46. 47	39. 76	40. 28	46. 10	45. 63	44. 41	44. 50	34. 99	28. 50	37. 02	42. 53	45. 53
γ 140. 0	45. 78	39. 15	39. 48	45. 42	44. 92	43. 76	43. 89	34. 40	28. 26	36. 16	41. 68	44. 89

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	45.04	38.63	38.76	44.64	44.32	43.02	43.05	33.90	28.08	35.42	41.04	44.25
γ 142.0	44.10	38.06	38.06	44.00	43.59	42.46	42.26	33.48	27.86	34.59	40.39	43.51
γ 143.0	43.29	37.47	37.51	43.23	43.01	41.70	41.43	32.94	27.71	33.82	39.58	42.86
γ 144.0	42.40	36.95	36.92	42.62	42.31	41.04	40.65	32.61	27.73	33.14	38.75	42.20
γ 145.0	41.49	36.40	36.23	41.77	41.56	40.32	39.74	32.22	27.82	32.50	38.10	41.43
γ 146.0	40.52	35.92	35.66	40.96	40.96	39.77	38.74	31.91	27.96	31.75	37.33	40.68
γ 147.0	39.54	35.40	35.09	40.24	40.25	38.91	37.93	31.79	28.53	31.22	36.69	40.04
γ 148.0	38.54	34.81	34.51	39.40	39.58	38.05	36.88	31.65	29.15	30.81	35.69	39.41
γ 149.0	37.48	34.31	33.91	38.36	38.85	37.16	35.81	31.26	29.47	30.30	34.74	38.74
γ 150.0	36.40	33.78	33.42	37.49	38.09	36.36	34.59	31.03	29.78	30.06	33.77	37.73
γ 151.0	35.28	33.28	32.94	36.51	37.06	35.16	33.56	30.79	29.77	30.02	32.67	36.58
γ 152.0	34.27	32.78	32.70	35.56	35.84	34.10	32.28	30.40	29.74	29.92	31.58	35.47
γ 153.0	33.28	32.35	32.37	34.44	34.74	32.99	31.19	30.06	29.65	29.79	30.66	34.40
γ 154.0	32.44	31.95	32.06	33.40	33.68	31.90	30.17	29.71	29.36	29.52	29.54	33.43
γ 155.0	31.33	31.58	31.71	32.29	32.66	30.86	29.08	29.34	29.01	29.30	28.50	32.35
γ 156.0	30.63	31.19	31.34	31.31	31.47	29.70	28.00	28.92	28.69	28.63	27.48	31.21
γ 157.0	29.67	30.82	30.90	30.29	30.41	28.62	26.98	28.42	28.33	27.71	26.50	30.45
γ 158.0	28.83	30.43	30.43	29.26	29.51	27.53	25.95	27.68	27.77	26.59	25.42	29.49
γ 159.0	28.13	30.23	29.89	28.22	28.41	26.40	24.78	27.12	27.32	25.61	24.46	28.40
γ 160.0	27.55	29.74	29.17	27.40	27.37	25.32	23.84	26.26	26.72	24.70	23.47	27.46
γ 161.0	26.84	29.31	28.56	26.61	26.35	24.22	22.76	25.41	26.20	23.77	22.51	26.29
γ 162.0	26.48	28.70	27.90	25.82	25.18	23.23	21.56	24.41	25.34	22.80	21.60	25.26
γ 163.0	25.85	28.15	27.37	24.96	24.17	22.08	20.39	23.48	24.35	21.91	20.65	24.11
γ 164.0	25.27	27.50	26.60	23.97	23.04	21.12	19.34	22.17	23.43	20.85	19.68	23.08
γ 165.0	24.76	26.82	25.84	23.08	21.93	20.08	18.16	20.81	22.34	19.72	18.70	22.02
γ 166.0	24.13	25.86	24.91	22.09	20.82	18.97	17.07	19.44	21.12	18.79	17.81	20.90
γ 167.0	23.62	24.90	23.85	20.95	19.78	17.96	15.92	18.17	19.71	17.88	16.91	19.73
γ 168.0	22.84	24.00	22.70	19.98	18.71	16.90	14.81	16.78	18.37	16.80	15.91	18.62
γ 169.0	22.13	23.02	21.57	18.91	17.46	15.94	13.69	15.37	17.12	15.84	14.94	17.42
γ 170.0	21.30	22.10	20.32	17.80	16.26	15.03	12.44	14.07	15.90	14.83	13.87	16.25
γ 171.0	20.60	21.10	19.18	16.75	15.27	14.04	11.28	12.74	14.53	13.75	13.03	15.08
γ 172.0	19.63	20.10	17.99	15.69	14.01	13.14	10.05	11.45	13.33	12.87	12.12	14.04
γ 173.0	18.67	18.92	16.81	14.59	12.95	12.11	9.05	10.27	12.21	12.15	11.13	12.84
γ 174.0	17.80	17.73	15.56	13.32	11.81	11.46	8.74	9.70	11.43	12.17	10.98	11.68
γ 175.0	17.13	16.68	14.43	12.11	11.17	12.25	9.66	9.65	10.94	12.69	12.37	11.64
γ 176.0	16.81	15.88	13.51	11.49	12.19	13.88	10.94	9.87	10.79	13.06	13.77	13.02
γ 177.0	17.08	15.11	13.10	12.20	14.00	15.31	12.11	10.69	11.20	13.37	15.14	14.65
γ 178.0	16.99	14.39	12.87	13.02	15.37	16.49	13.63	11.60	11.62	13.92	15.97	15.84
γ 179.0	16.61	13.71	12.75	13.57	16.89	17.26	15.16	12.71	12.34	14.35	16.75	17.15
γ 180.0	15.33	15.33	15.33	15.33	15.33	15.33	15.33	15.33	15.33	15.33	15.33	15.33