

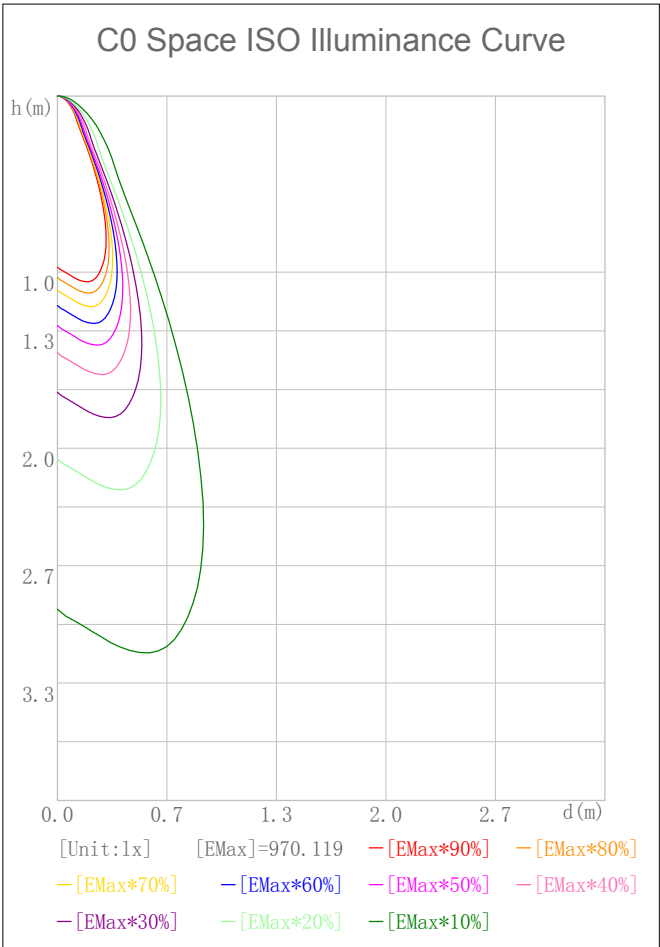
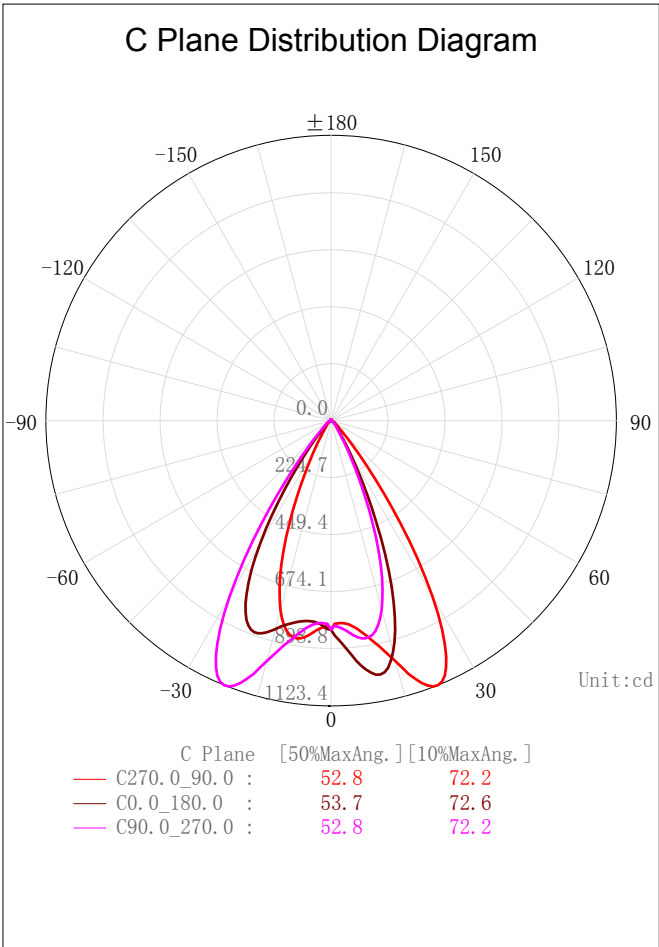
Indoor Luminaire Photometric Data

Description Information

Luminary Name:SD09-09-XX-02 4000K RA90 60D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2021/10/28
Manufacture: Shenzhen Norming Lighting Co., Ltd		Shld.Ang(°):	Test Machine:GON-2000
Test Lab: Quality Department		Frequency (Hz):	Lamp CCT (K): Ra:
Lum. Size (W*L*H):0.038m*-0.038m*0.000m		Lum. Area (m2):0.001	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

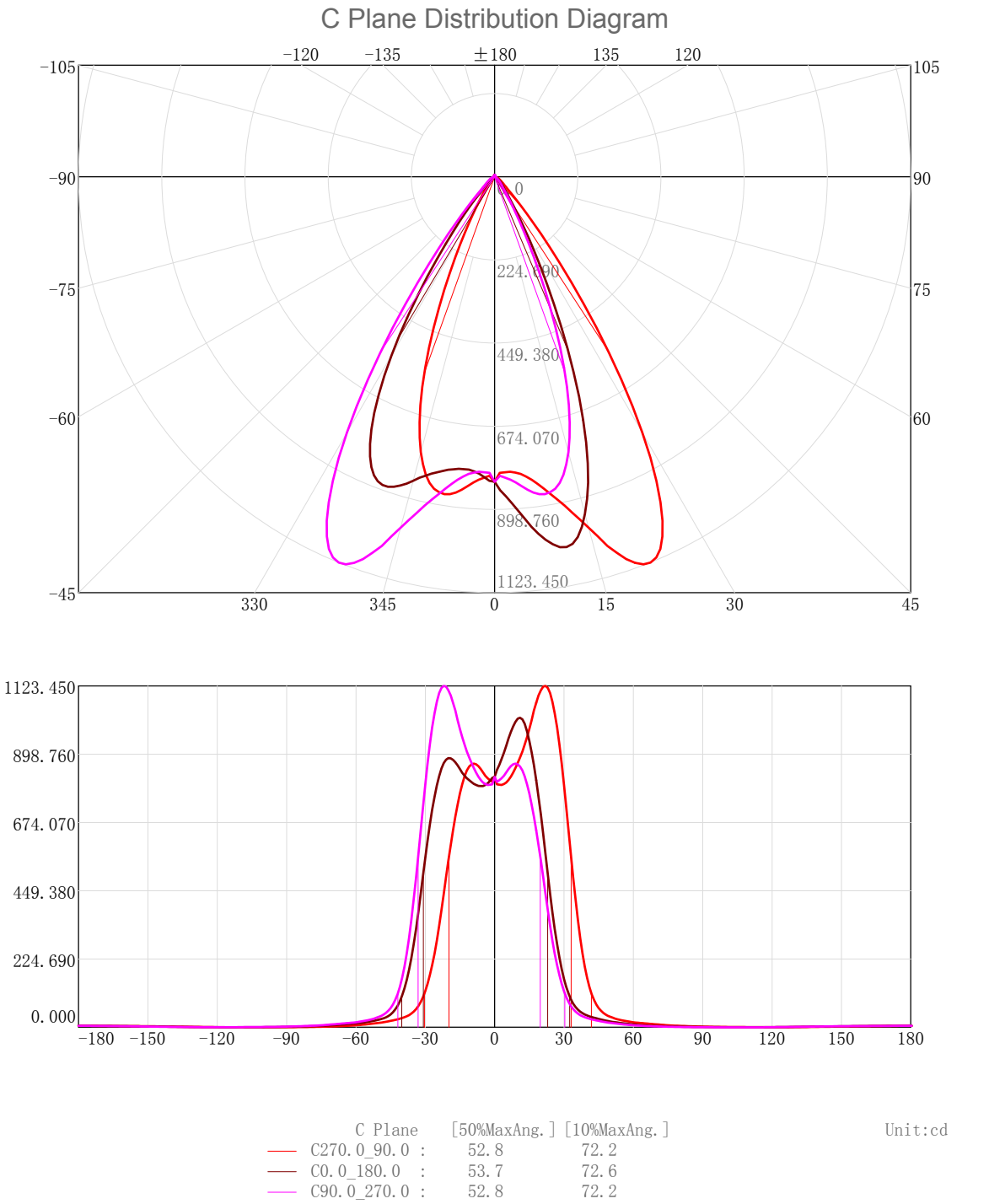
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 816.950	Luminary Flux(lm): 816.954	Field Angle(10%Imax): 72.2(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 808.499lm 98.97%	
Rated Voltage(V):	Luminary EER(lm/W): 92.416	Up Lumens&Percent: 8.455lm 1.03%	
Tested Power(W): 8.840	Max. Candela(cd): 1123.450	S/MH: C0_a180=0.972 C90_270=0.998	
Lamps' Inside: 1	Max Cand@Ang. (°): C=270.0 γ=22.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):241.4, 0.040, 0.898	Beam Angle(50%Imax): 52.8(°)	ErP ϕ use(90°): 734.641lm	
Lamp Size (W*L*H):0.038m*-0.038m*0.000m	Left=-19.7°, Right=33.1°	IRF(%): 285.440	



2D Plane Light Intensity Distribution Curve

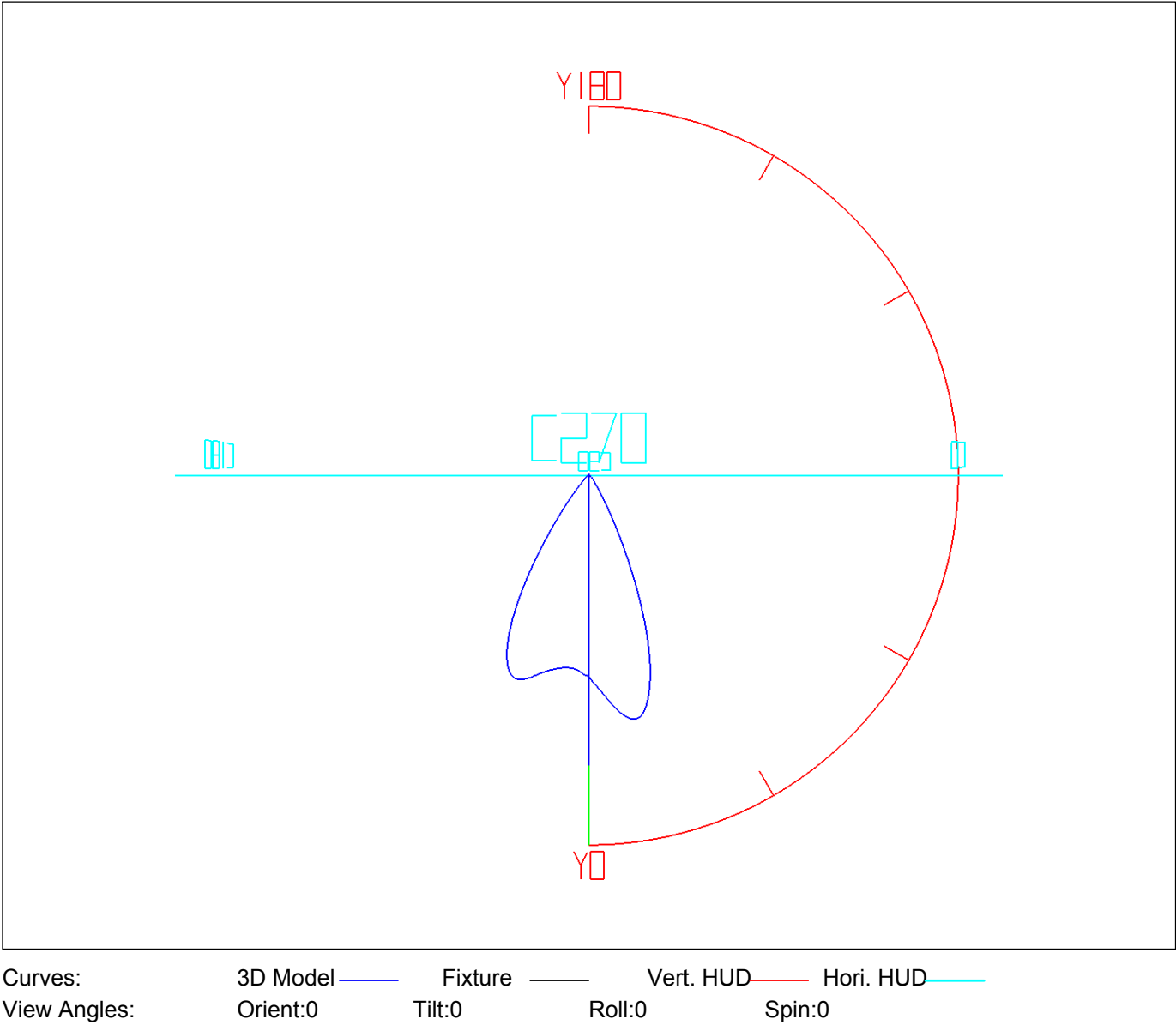
Lum. Name: SD09-09-XX-02 4000K RA90 60D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28



3D Light Intensity Distribution Modal

Lum. Name: SD09-09-XX-02 4000K RA90 60D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28

3D Light Intensity Distribution Modal



IES Indoor Report

Photometric Filename:SD09-09-XX-02 4000K RA90 60D.IES

Zonal Flux Tabulation

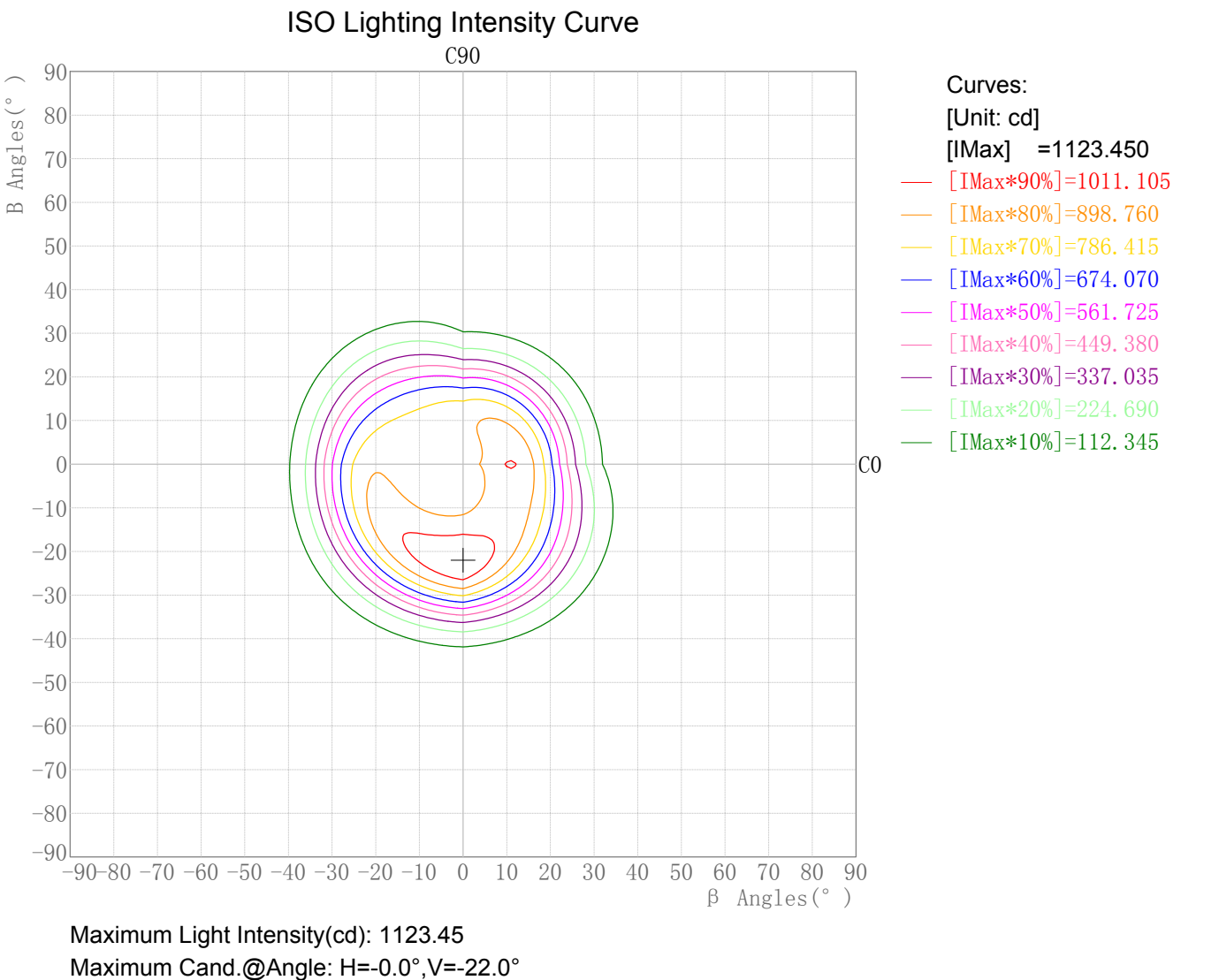
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.79	0.79	0.10	0.10	47.0-48.0	2.36	774.24	0.29	94.77
1.0-2.0	2.35	3.14	0.29	0.38	48.0-49.0	2.18	776.42	0.27	95.04
2.0-3.0	3.94	7.08	0.48	0.87	49.0-50.0	2.03	778.46	0.25	95.29
3.0-4.0	5.55	12.63	0.68	1.55	50.0-51.0	1.91	780.37	0.23	95.52
4.0-5.0	7.20	19.83	0.88	2.43	51.0-52.0	1.80	782.17	0.22	95.74
5.0-6.0	8.90	28.73	1.09	3.52	52.0-53.0	1.69	783.86	0.21	95.95
6.0-7.0	10.64	39.37	1.30	4.82	53.0-54.0	1.59	785.45	0.20	96.14
7.0-8.0	12.42	51.79	1.52	6.34	54.0-55.0	1.50	786.95	0.18	96.33
8.0-9.0	14.22	66.01	1.74	8.08	55.0-56.0	1.42	788.37	0.17	96.50
9.0-10.0	16.03	82.03	1.96	10.04	56.0-57.0	1.34	789.71	0.16	96.67
10.0-11.0	17.82	99.85	2.18	12.22	57.0-58.0	1.26	790.97	0.15	96.82
11.0-12.0	19.58	119.43	2.40	14.62	58.0-59.0	1.19	792.16	0.15	96.97
12.0-13.0	21.27	140.70	2.60	17.22	59.0-60.0	1.12	793.28	0.14	97.10
13.0-14.0	22.88	163.58	2.80	20.02	60.0-61.0	1.06	794.34	0.13	97.23
14.0-15.0	24.40	187.98	2.99	23.01	61.0-62.0	1.01	795.34	0.12	97.36
15.0-16.0	25.84	213.82	3.16	26.17	62.0-63.0	0.96	796.30	0.12	97.47
16.0-17.0	27.18	241.00	3.33	29.50	63.0-64.0	0.91	797.21	0.11	97.58
17.0-18.0	28.36	269.36	3.47	32.97	64.0-65.0	0.86	798.07	0.11	97.69
18.0-19.0	29.34	298.70	3.59	36.56	65.0-66.0	0.81	798.88	0.10	97.79
19.0-20.0	30.10	328.80	3.68	40.25	66.0-67.0	0.77	799.65	0.09	97.88
20.0-21.0	30.60	359.40	3.75	43.99	67.0-68.0	0.73	800.38	0.09	97.97
21.0-22.0	30.81	390.21	3.77	47.76	68.0-69.0	0.69	801.06	0.08	98.06
22.0-23.0	30.73	420.94	3.76	51.53	69.0-70.0	0.65	801.71	0.08	98.13
23.0-24.0	30.38	451.32	3.72	55.24	70.0-71.0	0.61	802.31	0.07	98.21
24.0-25.0	29.74	481.06	3.64	58.89	71.0-72.0	0.57	802.88	0.07	98.28
25.0-26.0	28.86	509.93	3.53	62.42	72.0-73.0	0.53	803.41	0.06	98.34
26.0-27.0	27.77	537.69	3.40	65.82	73.0-74.0	0.49	803.91	0.06	98.40
27.0-28.0	26.46	564.15	3.24	69.06	74.0-75.0	0.46	804.37	0.06	98.46
28.0-29.0	24.96	589.11	3.06	72.11	75.0-76.0	0.43	804.80	0.05	98.51
29.0-30.0	23.28	612.39	2.85	74.96	76.0-77.0	0.40	805.20	0.05	98.56
30.0-31.0	21.46	633.85	2.63	77.59	77.0-78.0	0.38	805.58	0.05	98.61
31.0-32.0	19.55	653.40	2.39	79.98	78.0-79.0	0.35	805.93	0.04	98.65
32.0-33.0	17.58	670.98	2.15	82.13	79.0-80.0	0.33	806.26	0.04	98.69
33.0-34.0	15.61	686.59	1.91	84.04	80.0-81.0	0.31	806.56	0.04	98.73
34.0-35.0	13.70	700.28	1.68	85.72	81.0-82.0	0.28	806.85	0.03	98.76
35.0-36.0	11.90	712.19	1.46	87.18	82.0-83.0	0.26	807.11	0.03	98.80
36.0-37.0	10.27	722.45	1.26	88.43	83.0-84.0	0.24	807.36	0.03	98.83
37.0-38.0	8.82	731.27	1.08	89.51	84.0-85.0	0.23	807.58	0.03	98.85
38.0-39.0	7.56	738.83	0.92	90.44	85.0-86.0	0.21	807.80	0.03	98.88
39.0-40.0	6.47	745.29	0.79	91.23	86.0-87.0	0.20	807.99	0.02	98.90
40.0-41.0	5.53	750.83	0.68	91.91	87.0-88.0	0.18	808.18	0.02	98.93
41.0-42.0	4.75	755.57	0.58	92.49	88.0-89.0	0.17	808.34	0.02	98.95
42.0-43.0	4.11	759.69	0.50	92.99	89.0-90.0	0.16	808.50	0.02	98.97
43.0-44.0	3.59	763.28	0.44	93.43	90.0-91.0	0.14	808.64	0.02	98.98
44.0-45.0	3.18	766.46	0.39	93.82	91.0-92.0	0.13	808.77	0.02	99.00
45.0-46.0	2.84	769.30	0.35	94.17	92.0-93.0	0.12	808.89	0.01	99.01
46.0-47.0	2.58	771.88	0.32	94.48	93.0-94.0	0.11	809.00	0.01	99.03

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	0.10	809.09	0.01	99.04	141.0-142.0	0.15	812.37	0.02	99.44
95.0-96.0	0.09	809.18	0.01	99.05	142.0-143.0	0.16	812.53	0.02	99.46
96.0-97.0	0.08	809.27	0.01	99.06	143.0-144.0	0.16	812.69	0.02	99.48
97.0-98.0	0.08	809.35	0.01	99.07	144.0-145.0	0.16	812.85	0.02	99.50
98.0-99.0	0.07	809.42	0.01	99.08	145.0-146.0	0.17	813.02	0.02	99.52
99.0-100.0	0.07	809.48	0.01	99.09	146.0-147.0	0.17	813.19	0.02	99.54
100.0-101.0	0.06	809.54	0.01	99.09	147.0-148.0	0.17	813.35	0.02	99.56
101.0-102.0	0.05	809.60	0.01	99.10	148.0-149.0	0.17	813.52	0.02	99.58
102.0-103.0	0.05	809.65	0.01	99.11	149.0-150.0	0.17	813.69	0.02	99.60
103.0-104.0	0.05	809.69	0.01	99.11	150.0-151.0	0.17	813.86	0.02	99.62
104.0-105.0	0.04	809.74	0.01	99.12	151.0-152.0	0.17	814.03	0.02	99.64
105.0-106.0	0.04	809.78	0.00	99.12	152.0-153.0	0.17	814.20	0.02	99.66
106.0-107.0	0.04	809.82	0.00	99.13	153.0-154.0	0.17	814.37	0.02	99.68
107.0-108.0	0.03	809.85	0.00	99.13	154.0-155.0	0.17	814.53	0.02	99.70
108.0-109.0	0.03	809.88	0.00	99.13	155.0-156.0	0.16	814.70	0.02	99.72
109.0-110.0	0.03	809.91	0.00	99.14	156.0-157.0	0.16	814.86	0.02	99.74
110.0-111.0	0.03	809.94	0.00	99.14	157.0-158.0	0.16	815.01	0.02	99.76
111.0-112.0	0.03	809.97	0.00	99.15	158.0-159.0	0.15	815.17	0.02	99.78
112.0-113.0	0.03	809.99	0.00	99.15	159.0-160.0	0.15	815.32	0.02	99.80
113.0-114.0	0.03	810.02	0.00	99.15	160.0-161.0	0.14	815.46	0.02	99.82
114.0-115.0	0.03	810.04	0.00	99.15	161.0-162.0	0.14	815.60	0.02	99.83
115.0-116.0	0.03	810.07	0.00	99.16	162.0-163.0	0.13	815.74	0.02	99.85
116.0-117.0	0.03	810.10	0.00	99.16	163.0-164.0	0.13	815.86	0.02	99.87
117.0-118.0	0.03	810.13	0.00	99.17	164.0-165.0	0.12	815.99	0.02	99.88
118.0-119.0	0.03	810.17	0.00	99.17	165.0-166.0	0.12	816.11	0.01	99.90
119.0-120.0	0.04	810.21	0.00	99.17	166.0-167.0	0.11	816.22	0.01	99.91
120.0-121.0	0.04	810.25	0.01	99.18	167.0-168.0	0.10	816.32	0.01	99.92
121.0-122.0	0.05	810.29	0.01	99.19	168.0-169.0	0.10	816.42	0.01	99.94
122.0-123.0	0.05	810.35	0.01	99.19	169.0-170.0	0.09	816.51	0.01	99.95
123.0-124.0	0.06	810.40	0.01	99.20	170.0-171.0	0.08	816.59	0.01	99.96
124.0-125.0	0.06	810.46	0.01	99.21	171.0-172.0	0.07	816.67	0.01	99.97
125.0-126.0	0.07	810.53	0.01	99.21	172.0-173.0	0.07	816.73	0.01	99.97
126.0-127.0	0.07	810.60	0.01	99.22	173.0-174.0	0.06	816.79	0.01	99.98
127.0-128.0	0.08	810.68	0.01	99.23	174.0-175.0	0.05	816.84	0.01	99.99
128.0-129.0	0.08	810.76	0.01	99.24	175.0-176.0	0.04	816.88	0.01	99.99
129.0-130.0	0.09	810.85	0.01	99.25	176.0-177.0	0.03	816.91	0.00	100.00
130.0-131.0	0.10	810.95	0.01	99.27	177.0-178.0	0.02	816.94	0.00	100.00
131.0-132.0	0.10	811.05	0.01	99.28	178.0-179.0	0.01	816.95	0.00	100.00
132.0-133.0	0.11	811.16	0.01	99.29	179.0-180.0	0.00	816.95	0.00	100.00
133.0-134.0	0.11	811.28	0.01	99.31					
134.0-135.0	0.12	811.39	0.01	99.32					
135.0-136.0	0.12	811.52	0.02	99.34					
136.0-137.0	0.13	811.65	0.02	99.35					
137.0-138.0	0.14	811.79	0.02	99.37					
138.0-139.0	0.14	811.93	0.02	99.38					
139.0-140.0	0.14	812.07	0.02	99.40					
140.0-141.0	0.15	812.22	0.02	99.42					

Rectangle ISO Lighting Intensity Diagram

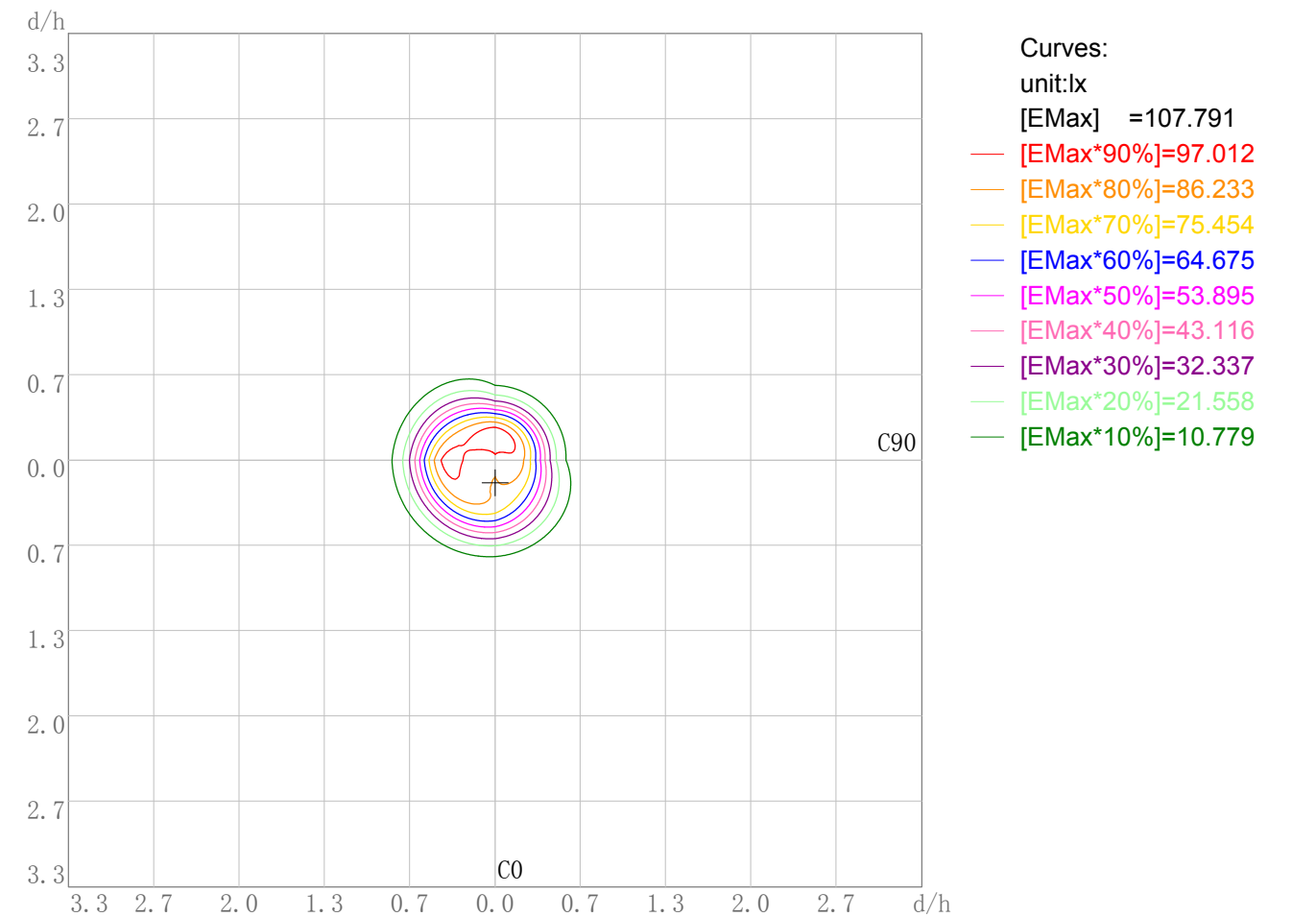
Lum. Name: SD09-09-XX-02 4000K RA90 60D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28



Plane ISO-Illuminance Diagram

Lum. Name: SD09-09-XX-02 4000K RA90 60D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 107.79  
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.2

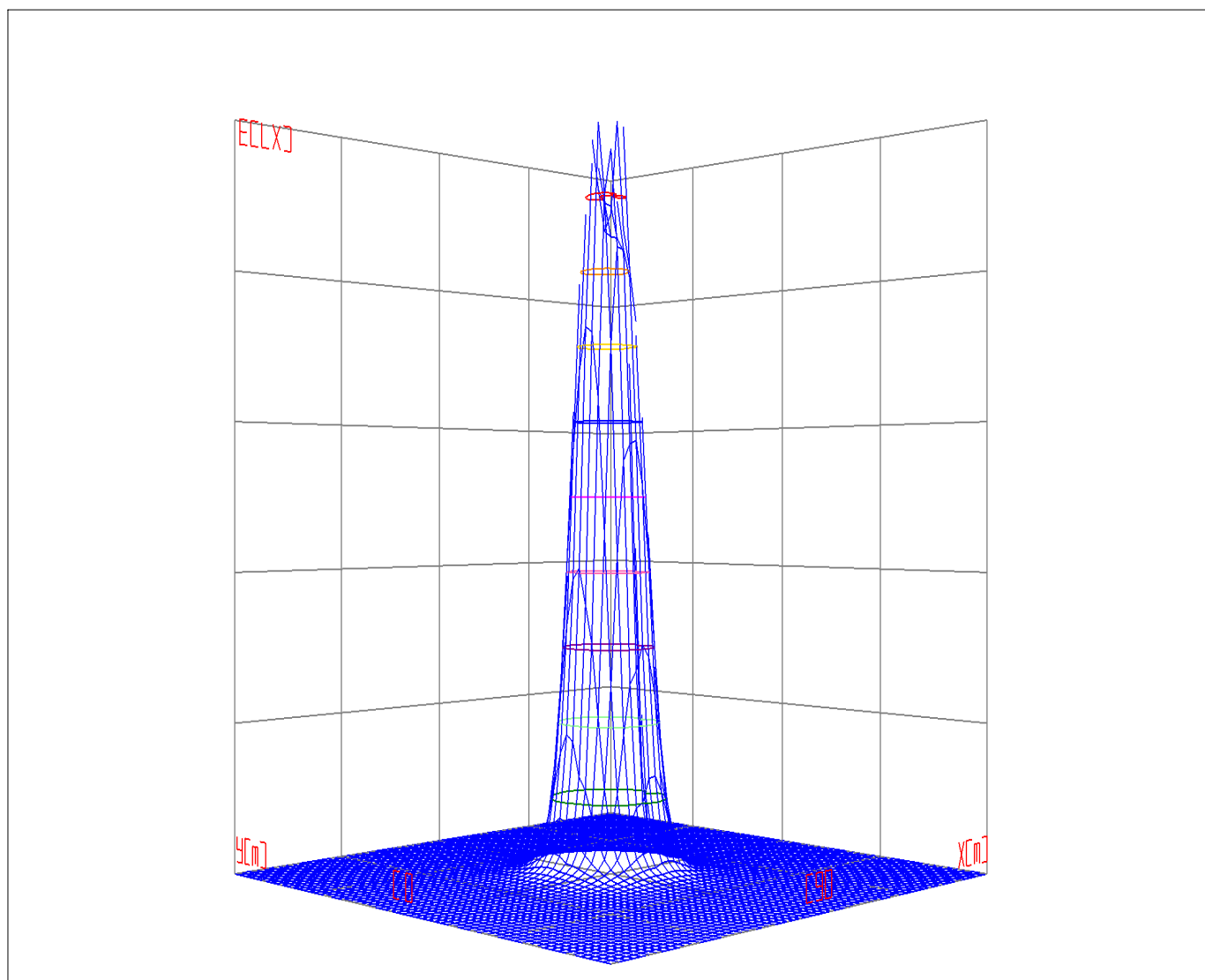
# IES Indoor Report

Photometric Filename:SD09-09-XX-02 4000K RA90 60D.IES

## 3D Plane ISO Illuminance Diagram

Lum. Name: SD09-09-XX-02 4000K RA90 60D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28

## 3D Plane Illuminance Modal



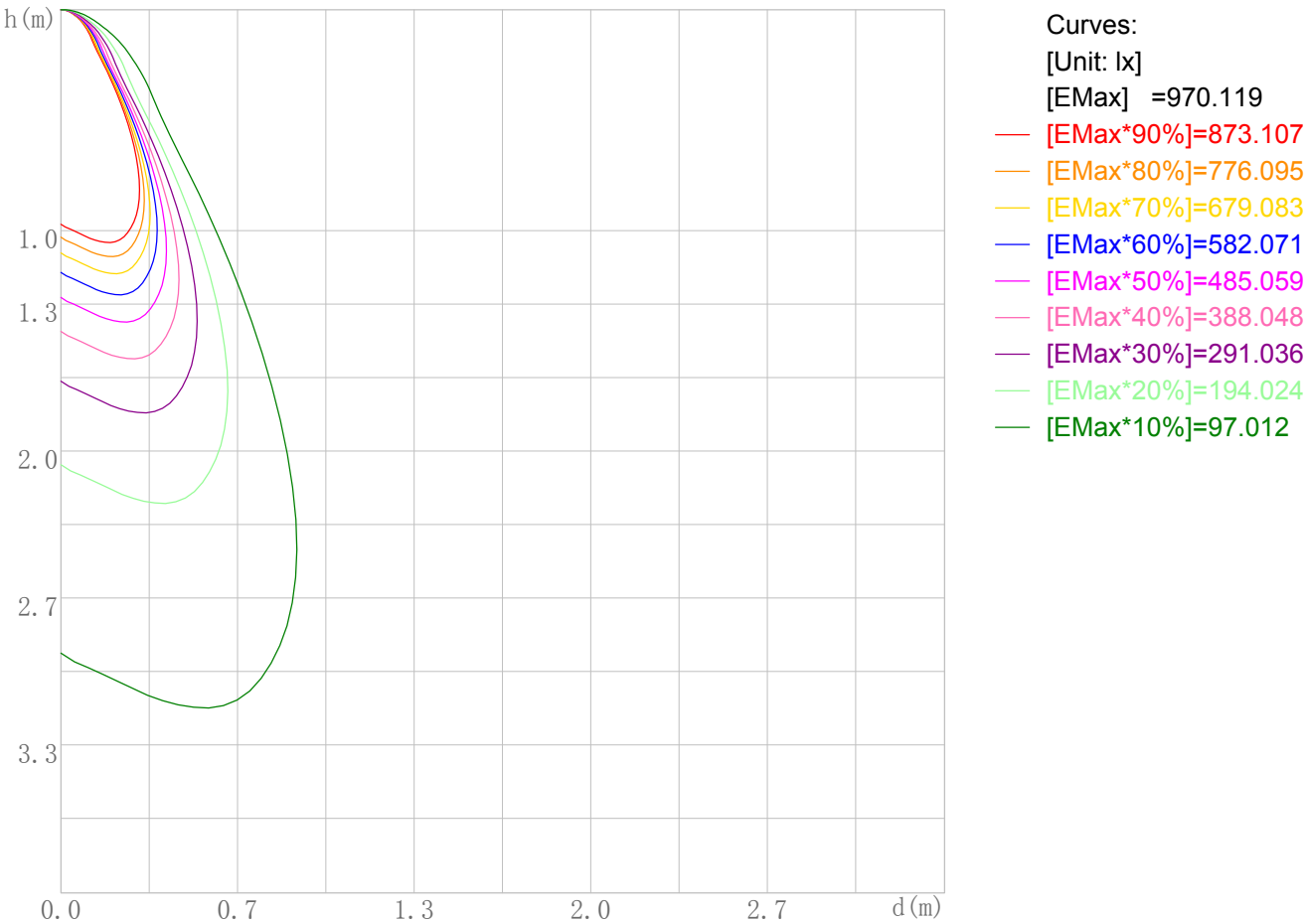
Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0



Space ISO Illuminance Diagram

Lum. Name: SD09-09-XX-02 4000K RA90 60D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28

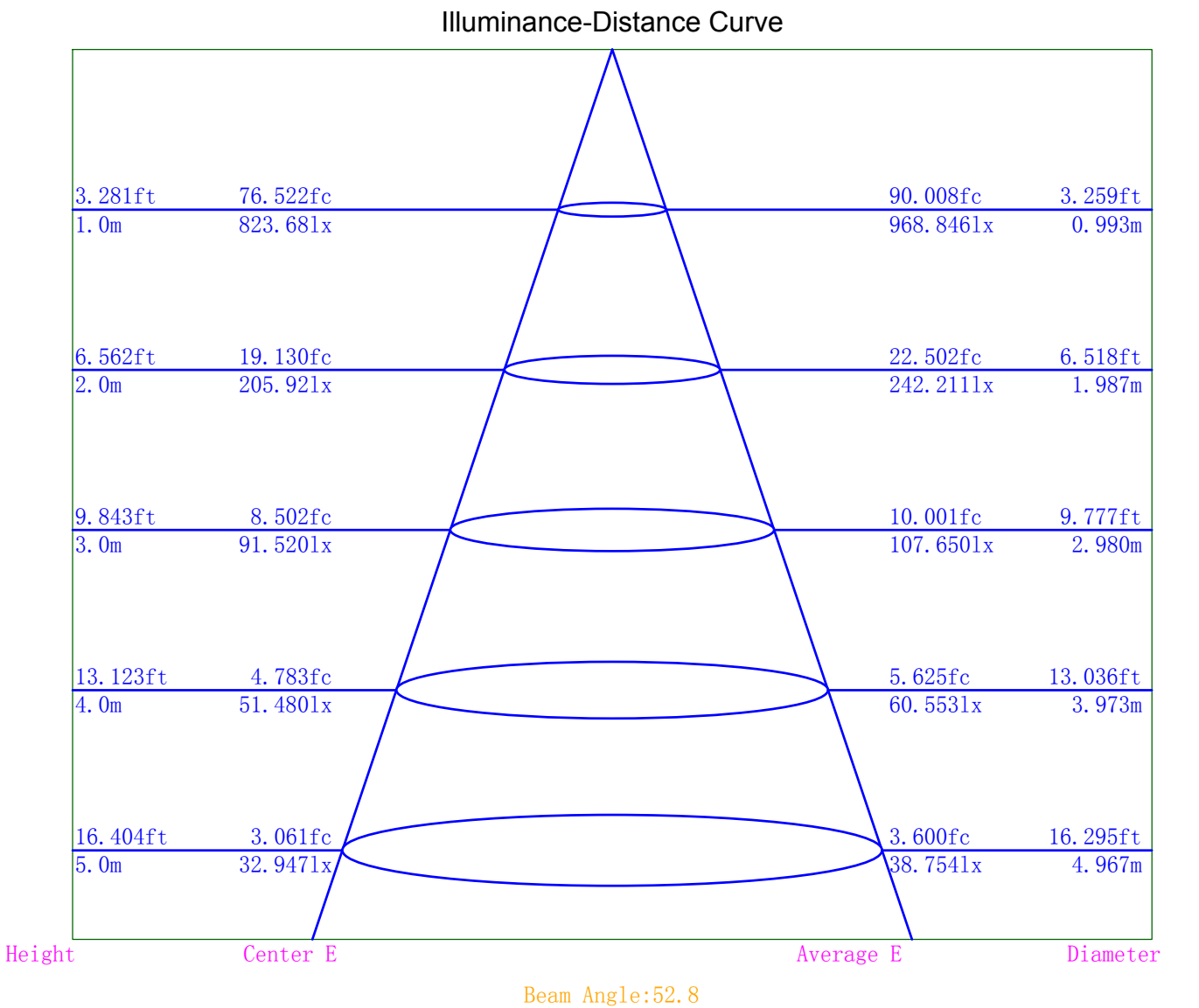
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:970.12lx,10.0deg  
Plane Maximum Lighting Intensity and @Angle:1018.589cd,0eg

Illuminance-Distance Diagram

Lum. Name: SD09-09-XX-02 4000K RA90 60D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28



Indoor Luminance Limiting Curves

Lum. Name: SD09-09-XX-02 4000K RA90 60D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28

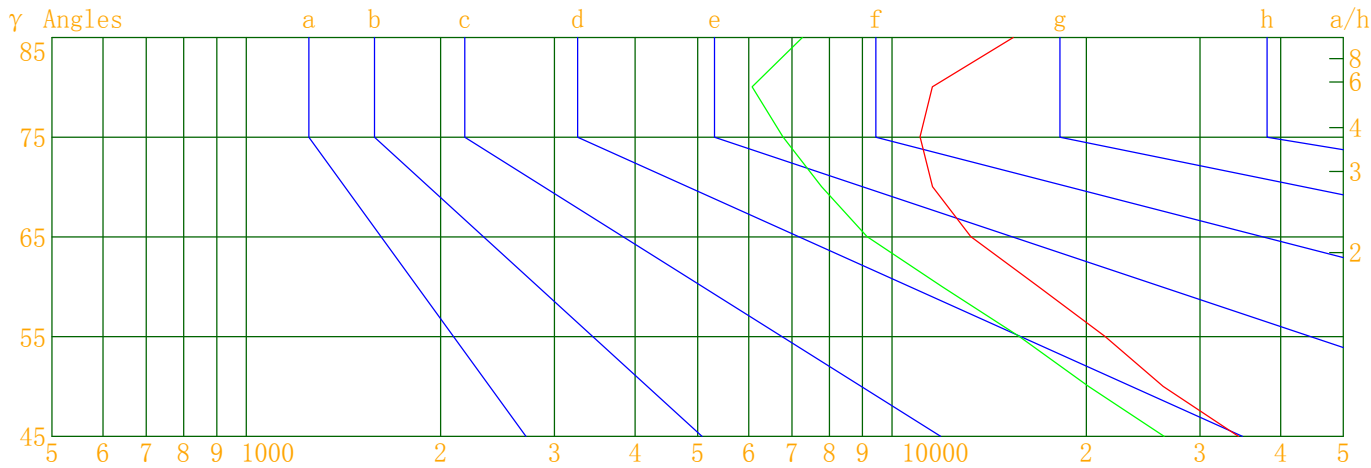
Glare Grade Table

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	34400	26307	21380	16850	13249	11555	11055	11547	15408
C90	26396	20158	15748	11949	9151	7781	6776	6073	7264

Luminance Limiting Curve



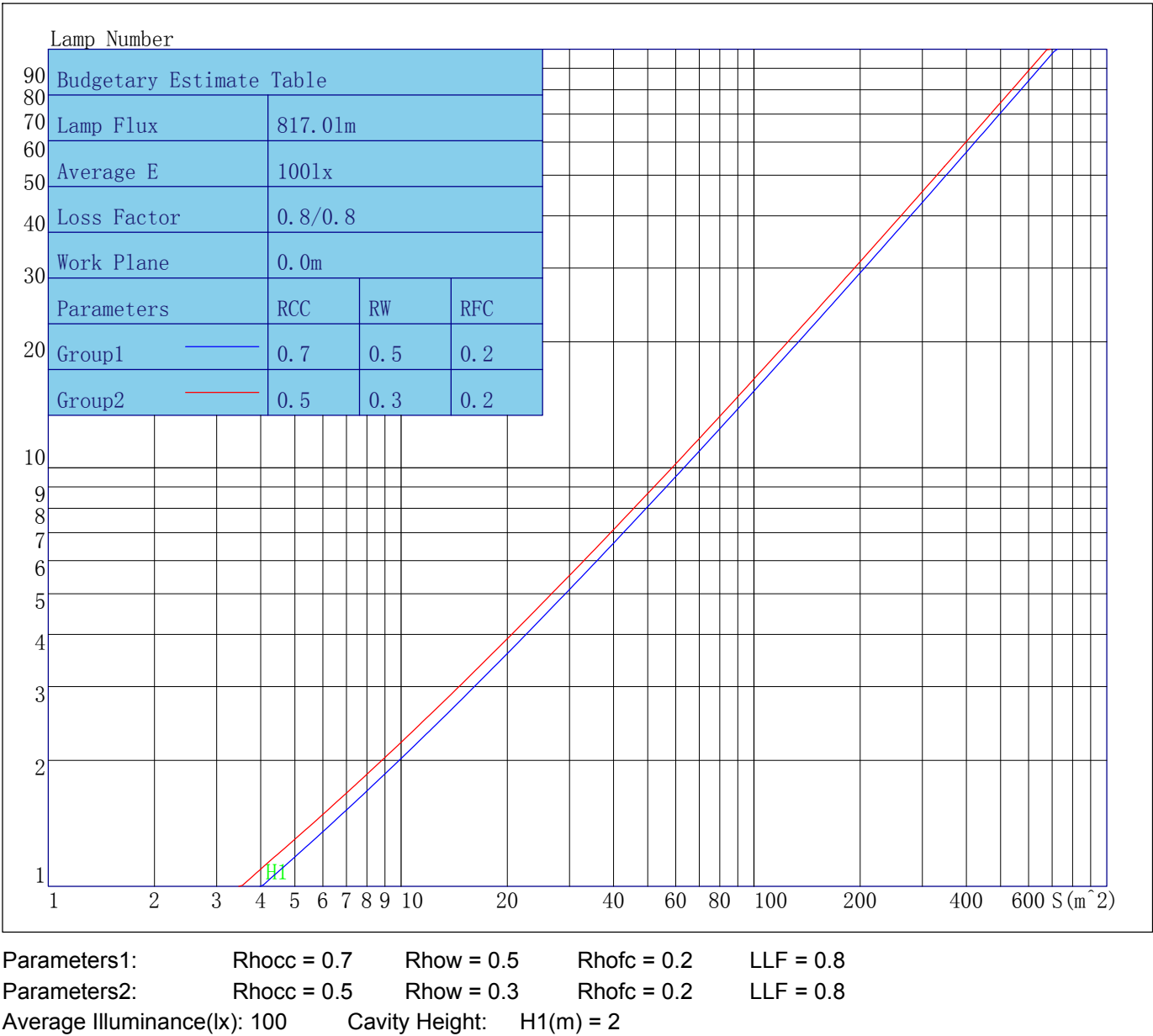
Luminous Size: Length(m)=-0.038 Width(m)=-0.038 Height(m)=0.000 Area(m^2)=0.001134

Luminous Type: Without Luminous Side

Luminous Curves: C0-C180 Color: — C90-C270 Color: —

Indoor Budgetary Estimate Table

Lum. Name: SD09-09-XX-02 4000K RA90 60D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28



Indoor Coefficient of Utilization Table

Lum. Name: SD09-09-XX-02 4000K RA90 60D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28

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	101	101	101	99
1	113	110	108	105	111	108	106	104	104	102	100	100	98	97	96	95	94	92
2	107	103	98	95	105	101	97	94	97	94	92	94	92	90	91	89	87	86
3	102	96	91	87	100	94	90	86	91	88	84	89	86	83	86	84	81	80
4	97	89	84	80	95	88	83	79	86	82	78	84	80	77	82	79	76	75
5	92	84	78	74	90	83	77	73	81	76	73	79	75	72	78	74	71	70
6	88	79	73	69	86	78	72	68	76	71	68	75	71	67	73	70	67	65
7	83	74	68	64	82	74	68	64	72	67	63	71	66	63	70	66	63	61
8	79	70	64	60	78	69	64	60	68	63	60	67	63	59	66	62	59	58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51

Unified Glare Rating Table

Lum. Name: SD09-09-XX-02 4000K RA90 60D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28

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	19.0	20.0	19.3	20.3	20.7	17.0	18.0	17.3	18.3	18.7
	19.1	20.0	19.5	20.4	20.8	17.1	18.0	17.5	18.4	18.8
	19.2	20.1	19.6	20.4	20.8	17.1	18.0	17.5	18.4	18.8
	19.3	20.1	19.7	20.5	20.9	17.1	17.9	17.6	18.3	18.7
	19.3	20.1	19.7	20.5	20.9	17.1	17.9	17.6	18.3	18.7
	19.3	20.1	19.8	20.5	20.9	17.1	17.8	17.6	18.2	18.7
X=4H    Y=2H	18.9	19.8	19.4	20.2	20.6	17.0	17.9	17.4	18.3	18.7
	19.2	20.0	19.7	20.4	20.8	17.3	18.0	17.7	18.4	18.8
	19.4	20.0	19.8	20.5	21.0	17.3	18.0	17.8	18.5	18.9
	19.5	20.1	20.0	20.6	21.1	17.4	18.0	17.9	18.5	19.0
	19.6	20.2	20.1	20.6	21.1	17.4	18.0	17.9	18.5	19.0
	19.7	20.2	20.2	20.7	21.2	17.5	17.9	18.0	18.5	19.0
X=8H    Y=4H	19.4	20.0	19.9	20.4	20.9	17.4	17.9	17.9	18.4	18.9
	19.7	20.1	20.2	20.7	21.2	17.6	18.0	18.1	18.5	19.1
	19.8	20.3	20.4	20.8	21.3	17.6	18.0	18.2	18.6	19.1
	20.1	20.4	20.6	20.9	21.5	17.7	18.1	18.3	18.6	19.2
X=12H    Y=4H	19.4	19.9	19.9	20.4	20.9	17.4	17.9	17.9	18.4	18.9
	19.7	20.1	20.3	20.6	21.2	17.6	18.0	18.1	18.5	19.1
	19.9	20.3	20.5	20.8	21.4	17.7	18.1	18.2	18.6	19.2
Variations with the objverver position at spacings										
S=1.0H	0.3/-0.3					0.5/-0.5				
S=1.5H	0.6/-0.7					0.8/-0.9				
S=2.0H	1.0/-0.9					1.3/-1.3				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	1.2					1.0				

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

IES Indoor Report

Photometric Filename:SD09-09-XX-02 4000K RA90 60D.IES

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Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	823.68	823.68	823.68	823.68
γ 1.0	846.63	807.58	820.99	799.76
γ 2.0	862.99	813.07	811.26	798.41
γ 3.0	882.38	819.36	802.66	797.70
γ 4.0	903.54	827.92	797.41	800.68
γ 5.0	926.18	838.88	793.90	805.60
γ 6.0	950.53	849.84	793.87	814.17
γ 7.0	971.54	859.23	794.32	824.48
γ 8.0	989.98	865.64	797.71	837.98
γ 9.0	1004.71	867.63	801.10	852.92
γ 10.0	1015.71	864.80	806.65	869.81
γ 11.0	1018.59	858.35	812.99	887.82
γ 12.0	1013.23	845.23	819.55	907.61
γ 13.0	998.48	825.69	828.25	930.82
γ 14.0	973.88	799.89	837.32	954.83
γ 15.0	942.56	769.85	850.09	981.42
γ 16.0	905.33	733.25	861.94	1010.07
γ 17.0	863.36	693.49	872.02	1042.55
γ 18.0	813.49	648.59	880.02	1067.34
γ 19.0	758.60	600.03	885.21	1091.80
γ 20.0	699.21	548.14	885.78	1109.43
γ 21.0	636.05	494.09	880.77	1121.16
γ 22.0	569.22	438.58	869.29	1123.45
γ 23.0	503.72	385.46	851.78	1116.81
γ 24.0	439.82	333.89	826.48	1100.05
γ 25.0	378.77	285.41	796.18	1071.35
γ 26.0	323.55	242.64	758.85	1033.88
γ 27.0	273.62	204.45	715.85	986.79
γ 28.0	229.83	171.65	667.12	930.86
γ 29.0	191.32	143.11	614.22	868.05
γ 30.0	158.99	118.96	556.91	797.34
γ 31.0	132.34	99.13	498.03	722.92
γ 32.0	110.86	82.98	437.62	645.70
γ 33.0	92.25	70.30	378.74	568.34
γ 34.0	77.53	59.85	323.58	492.35
γ 35.0	66.49	51.63	272.72	420.13
γ 36.0	58.21	45.08	227.63	353.35
γ 37.0	51.62	40.07	189.04	294.08
γ 38.0	46.47	36.31	156.04	243.27
γ 39.0	42.36	33.14	128.48	199.50
γ 40.0	39.06	30.53	105.04	163.45
γ 41.0	36.19	28.25	85.75	133.15
γ 42.0	33.79	26.28	70.49	108.93
γ 43.0	31.68	24.49	58.59	89.74
γ 44.0	29.62	22.78	49.28	74.66
γ 45.0	27.59	21.17	42.21	63.25
γ 46.0	25.70	19.61	36.96	54.43

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	23.95	18.18	32.96	47.55
γ 48.0	22.29	16.75	29.85	42.15
γ 49.0	20.72	15.66	27.35	37.85
γ 50.0	19.18	14.69	25.28	34.47
γ 51.0	17.97	13.75	23.48	31.75
γ 52.0	16.89	12.85	21.86	29.03
γ 53.0	15.85	11.99	20.36	26.73
γ 54.0	14.87	11.09	19.00	24.74
γ 55.0	13.91	10.24	17.76	23.09
γ 56.0	12.95	9.44	16.60	21.58
γ 57.0	12.01	8.73	15.47	20.24
γ 58.0	11.13	8.06	14.39	19.00
γ 59.0	10.31	7.40	13.58	17.78
γ 60.0	9.56	6.78	12.95	16.55
γ 61.0	8.85	6.18	12.34	15.64
γ 62.0	8.12	5.62	11.73	14.95
γ 63.0	7.43	5.22	11.16	14.31
γ 64.0	6.79	4.81	10.53	13.67
γ 65.0	6.35	4.39	9.90	13.02
γ 66.0	5.92	4.07	9.25	12.37
γ 67.0	5.48	3.79	8.68	11.67
γ 68.0	5.10	3.52	8.15	10.99
γ 69.0	4.79	3.27	7.61	10.33
γ 70.0	4.48	3.02	7.07	9.71
γ 71.0	4.21	2.79	6.56	9.11
γ 72.0	3.94	2.57	6.05	8.50
γ 73.0	3.69	2.36	5.65	7.84
γ 74.0	3.46	2.17	5.28	7.16
γ 75.0	3.24	1.99	4.89	6.70
γ 76.0	3.04	1.81	4.52	6.32
γ 77.0	2.83	1.64	4.23	5.88
γ 78.0	2.63	1.48	3.95	5.47
γ 79.0	2.44	1.34	3.68	5.14
γ 80.0	2.27	1.20	3.41	4.84
γ 81.0	2.10	1.05	3.19	4.52
γ 82.0	1.93	0.93	2.95	4.26
γ 83.0	1.78	0.84	2.72	3.98
γ 84.0	1.63	0.77	2.52	3.73
γ 85.0	1.52	0.72	2.31	3.49
γ 86.0	1.44	0.65	2.12	3.27
γ 87.0	1.36	0.61	1.93	3.03
γ 88.0	1.28	0.54	1.76	2.82
γ 89.0	1.21	0.49	1.59	2.61
γ 90.0	1.13	0.44	1.44	2.41
γ 91.0	1.07	0.39	1.29	2.22
γ 92.0	1.00	0.34	1.15	2.01
γ 93.0	0.92	0.29	1.04	1.85



Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.86	0.25	0.96	1.65
γ 95.0	0.80	0.21	0.90	1.55
γ 96.0	0.73	0.17	0.83	1.46
γ 97.0	0.68	0.13	0.77	1.38
γ 98.0	0.62	0.09	0.72	1.29
γ 99.0	0.56	0.06	0.67	1.22
γ 100.0	0.51	0.02	0.62	1.15
γ 101.0	0.47	0.00	0.57	1.08
γ 102.0	0.43	0.00	0.52	1.01
γ 103.0	0.38	0.00	0.49	0.96
γ 104.0	0.35	0.00	0.45	0.90
γ 105.0	0.31	0.00	0.41	0.85
γ 106.0	0.29	0.00	0.38	0.80
γ 107.0	0.27	0.00	0.34	0.75
γ 108.0	0.25	0.00	0.32	0.70
γ 109.0	0.24	0.00	0.29	0.65
γ 110.0	0.24	0.00	0.27	0.62
γ 111.0	0.24	0.00	0.23	0.57
γ 112.0	0.24	0.02	0.22	0.55
γ 113.0	0.26	0.06	0.21	0.50
γ 114.0	0.28	0.10	0.19	0.47
γ 115.0	0.31	0.15	0.18	0.46
γ 116.0	0.35	0.21	0.17	0.43
γ 117.0	0.38	0.28	0.18	0.41
γ 118.0	0.44	0.34	0.19	0.41
γ 119.0	0.50	0.42	0.21	0.38
γ 120.0	0.55	0.50	0.23	0.39
γ 121.0	0.62	0.59	0.26	0.39
γ 122.0	0.69	0.70	0.29	0.40
γ 123.0	0.77	0.79	0.35	0.41
γ 124.0	0.85	0.88	0.40	0.44
γ 125.0	0.93	0.99	0.46	0.47
γ 126.0	1.01	1.09	0.52	0.51
γ 127.0	1.09	1.20	0.60	0.55
γ 128.0	1.18	1.31	0.67	0.60
γ 129.0	1.27	1.41	0.76	0.66
γ 130.0	1.37	1.52	0.85	0.71
γ 131.0	1.46	1.64	0.93	0.77
γ 132.0	1.55	1.74	1.02	0.85
γ 133.0	1.65	1.86	1.12	0.92
γ 134.0	1.75	1.96	1.21	0.99
γ 135.0	1.85	2.07	1.32	1.06
γ 136.0	1.96	2.19	1.41	1.14
γ 137.0	2.06	2.30	1.51	1.23
γ 138.0	2.17	2.41	1.62	1.30
γ 139.0	2.29	2.52	1.72	1.39
γ 140.0	2.40	2.64	1.83	1.48

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Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	2.50	2.75	1.94	1.57
γ 142.0	2.62	2.86	2.04	1.67
γ 143.0	2.74	2.97	2.14	1.76
γ 144.0	2.85	3.07	2.25	1.86
γ 145.0	2.96	3.17	2.35	1.96
γ 146.0	3.07	3.26	2.47	2.07
γ 147.0	3.17	3.35	2.58	2.15
γ 148.0	3.27	3.43	2.70	2.27
γ 149.0	3.37	3.51	2.81	2.37
γ 150.0	3.44	3.57	2.93	2.48
γ 151.0	3.52	3.63	3.03	2.59
γ 152.0	3.60	3.70	3.15	2.70
γ 153.0	3.69	3.75	3.24	2.82
γ 154.0	3.76	3.81	3.35	2.93
γ 155.0	3.81	3.87	3.44	3.04
γ 156.0	3.89	3.91	3.54	3.14
γ 157.0	3.94	3.96	3.63	3.25
γ 158.0	4.01	4.00	3.72	3.35
γ 159.0	4.07	4.05	3.81	3.46
γ 160.0	4.13	4.09	3.88	3.56
γ 161.0	4.18	4.16	3.95	3.64
γ 162.0	4.25	4.20	4.03	3.74
γ 163.0	4.31	4.26	4.09	3.83
γ 164.0	4.36	4.31	4.15	3.92
γ 165.0	4.43	4.38	4.20	4.01
γ 166.0	4.47	4.43	4.25	4.09
γ 167.0	4.54	4.48	4.30	4.18
γ 168.0	4.58	4.53	4.36	4.24
γ 169.0	4.63	4.58	4.41	4.30
γ 170.0	4.67	4.60	4.46	4.37
γ 171.0	4.70	4.66	4.51	4.45
γ 172.0	4.73	4.69	4.56	4.50
γ 173.0	4.78	4.71	4.61	4.56
γ 174.0	4.78	4.74	4.65	4.61
γ 175.0	4.80	4.76	4.69	4.68
γ 176.0	4.83	4.79	4.74	4.71
γ 177.0	4.84	4.80	4.77	4.76
γ 178.0	4.84	4.81	4.79	4.79
γ 179.0	4.84	4.79	4.82	4.82
γ 180.0	4.82	4.82	4.82	4.82