

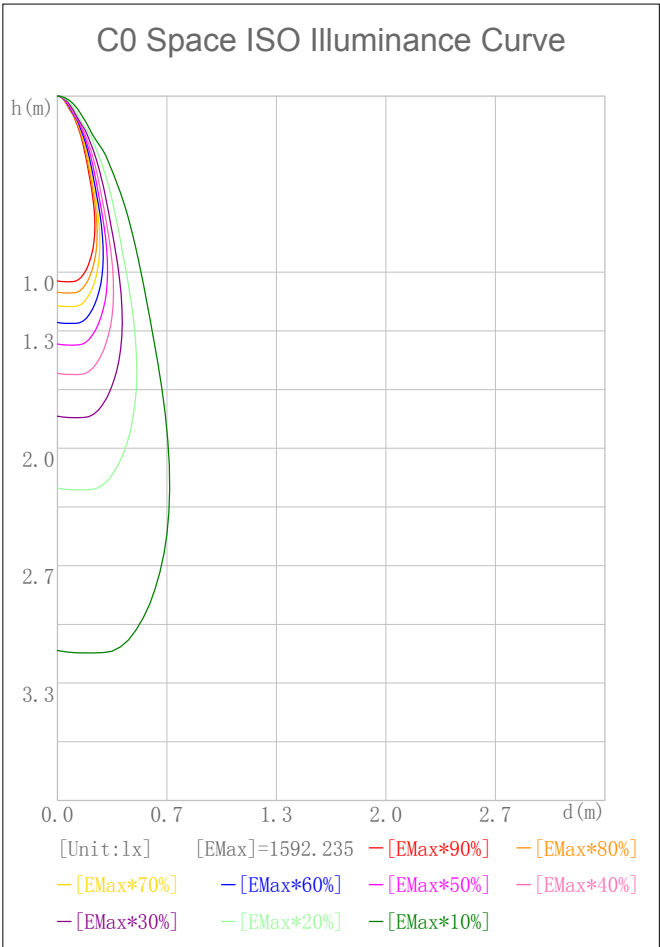
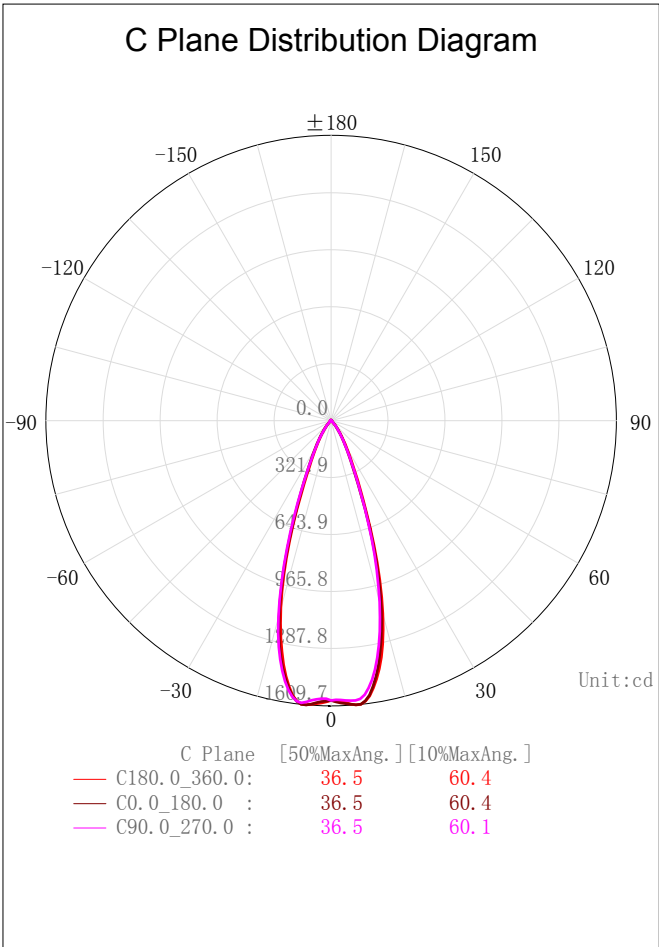
Indoor Luminaire Photometric Data

Description Information

Luminary Name:SD02-09-XX-01 2700K RA90 36D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2021/03/23
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):0.050m*0.000m*0.000m		Lum. Area (m2):0.002	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

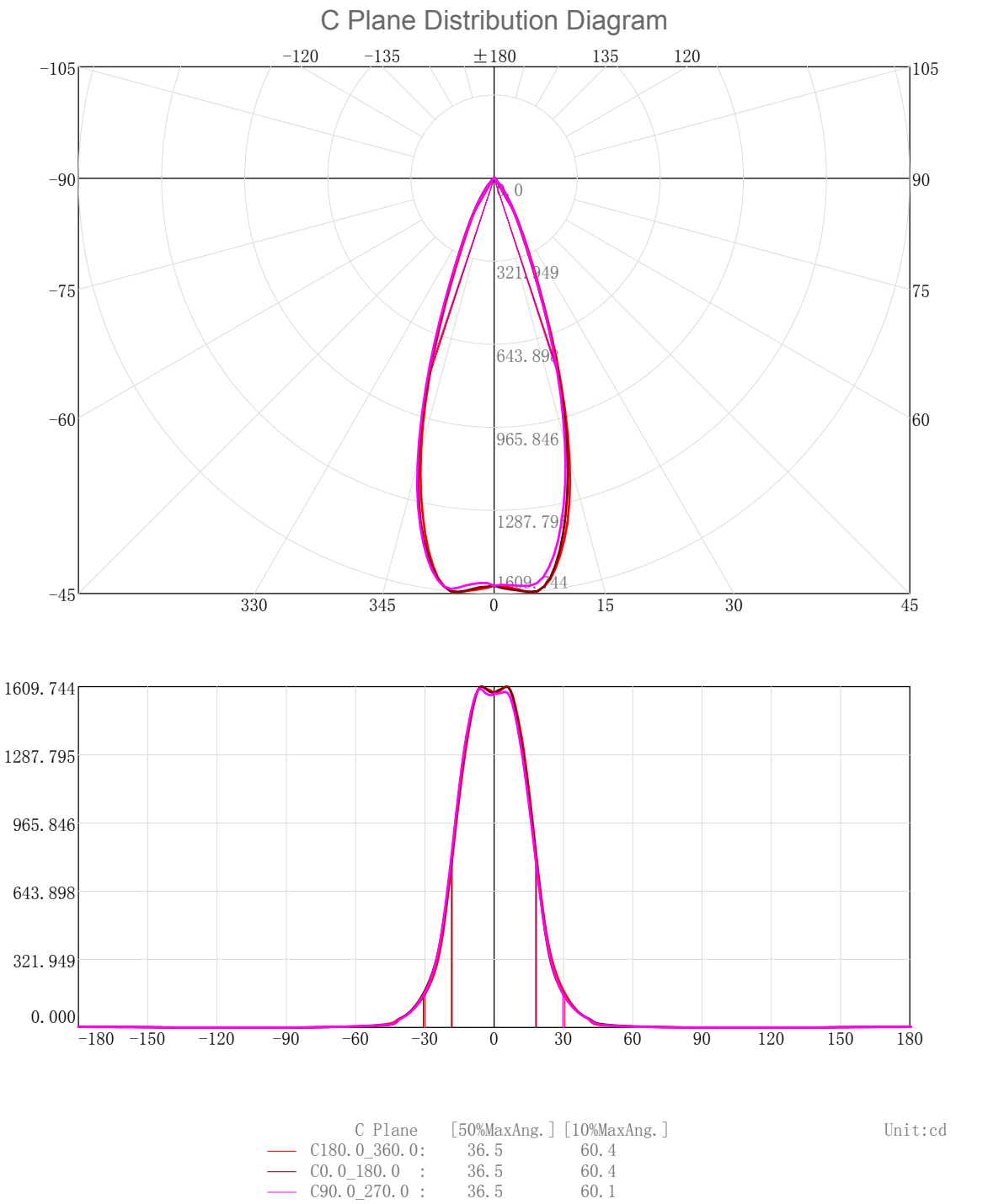
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 683.010	Luminary Flux(lm): 683.007	Field Angle(10%Imax): 60.4(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 680.238lm 99.59%	
Rated Voltage(V):	Luminary EER(lm/W): 75.772	Up Lumens&Percent: 2.769lm 0.41%	
Tested Power(W): 9.014	Max. Candela(cd): 1609.744	S/MH: C0_a180=0.619 C90_270=0.617	
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=5.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.0, 0.040, 0.928	Beam Angle(50%Imax): 36.5(°)	ErP Φ use(90°): 661.416lm	
Lamp Size (W*L*H):0.050m*0.000m*0.000m	Left=-18.1°, Right=18.4°	IRF(%): 499.358	



2D Plane Light Intensity Distribution Curve

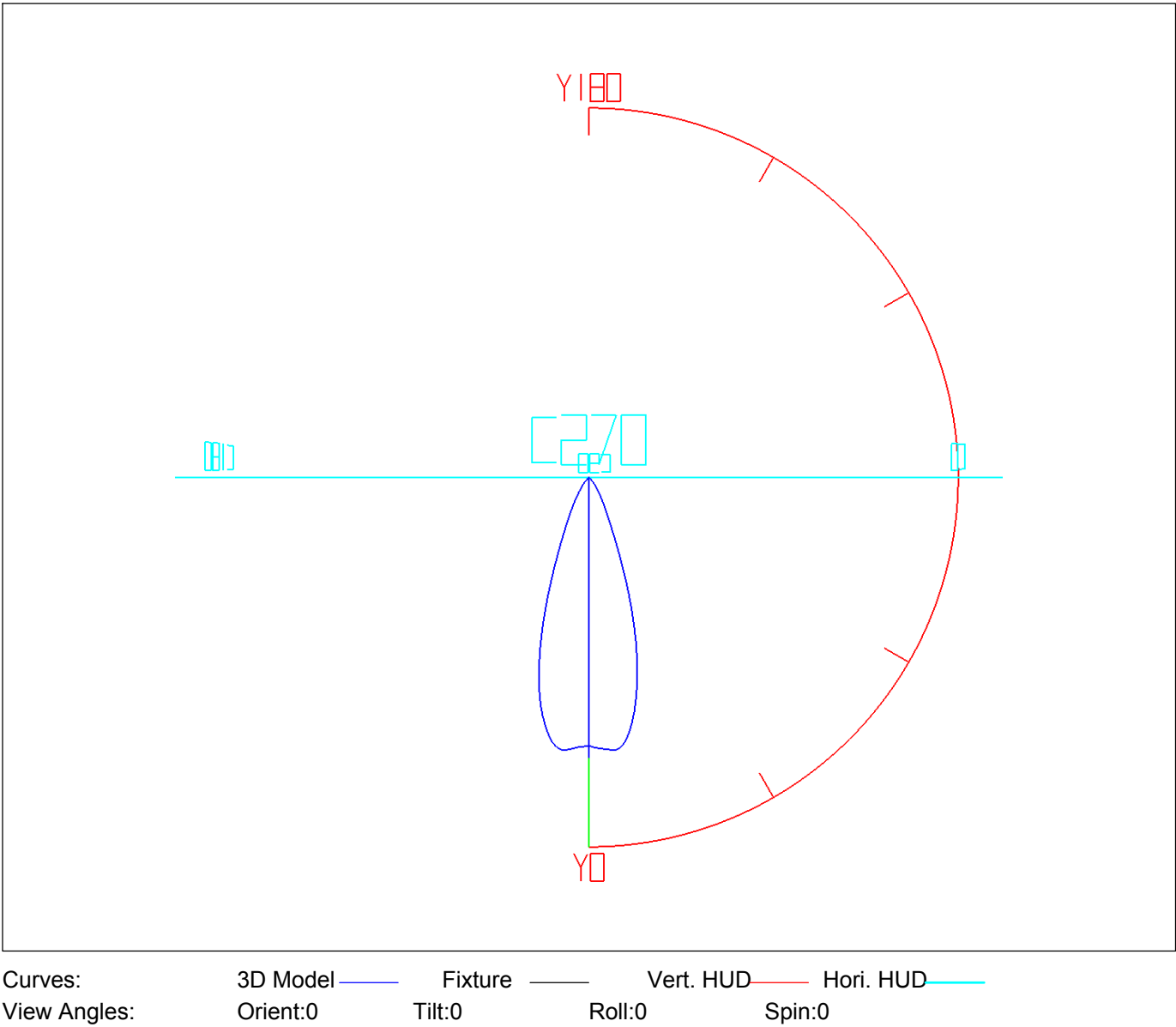
Lum. Name: SD02-09-XX-01 2700K RA90 36D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co.Ltd	Test Machine:GON-2000	Test Date: 2021/03/23



3D Light Intensity Distribution Modal

Lum. Name: SD02-09-XX-01 2700K RA90 36D	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: 2021/03/23

3D Light Intensity Distribution Modal



IES Indoor Report

Photometric Filename:SD02-09-XX-01 2700K RA90 36D.IES

Zonal Flux Tabulation

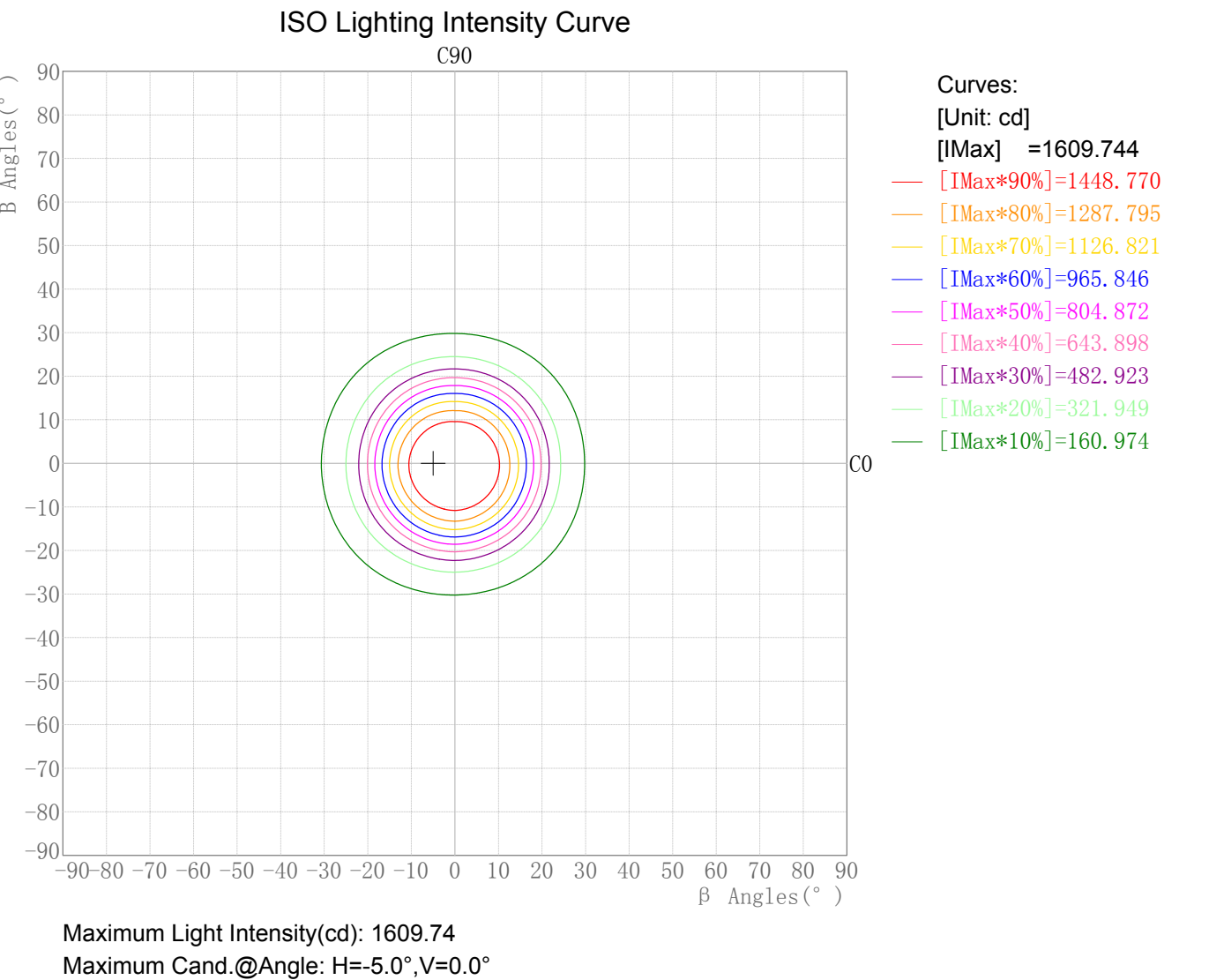
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	1.51	1.51	0.22	0.22	47.0-48.0	1.01	665.82	0.15	97.48
1.0-2.0	4.54	6.05	0.66	0.89	48.0-49.0	0.95	666.77	0.14	97.62
2.0-3.0	7.58	13.62	1.11	1.99	49.0-50.0	0.90	667.67	0.13	97.75
3.0-4.0	10.64	24.27	1.56	3.55	50.0-51.0	0.83	668.50	0.12	97.88
4.0-5.0	13.73	38.00	2.01	5.56	51.0-52.0	0.76	669.26	0.11	97.99
5.0-6.0	16.81	54.81	2.46	8.02	52.0-53.0	0.71	669.97	0.10	98.09
6.0-7.0	19.76	74.57	2.89	10.92	53.0-54.0	0.67	670.65	0.10	98.19
7.0-8.0	22.48	97.05	3.29	14.21	54.0-55.0	0.64	671.28	0.09	98.28
8.0-9.0	24.90	121.95	3.65	17.85	55.0-56.0	0.61	671.89	0.09	98.37
9.0-10.0	26.98	148.92	3.95	21.80	56.0-57.0	0.58	672.47	0.09	98.46
10.0-11.0	28.71	177.63	4.20	26.01	57.0-58.0	0.56	673.03	0.08	98.54
11.0-12.0	30.06	207.69	4.40	30.41	58.0-59.0	0.53	673.56	0.08	98.62
12.0-13.0	31.01	238.70	4.54	34.95	59.0-60.0	0.51	674.07	0.07	98.69
13.0-14.0	31.52	270.22	4.62	39.56	60.0-61.0	0.49	674.55	0.07	98.76
14.0-15.0	31.55	301.77	4.62	44.18	61.0-62.0	0.46	675.02	0.07	98.83
15.0-16.0	31.09	332.86	4.55	48.73	62.0-63.0	0.44	675.46	0.06	98.90
16.0-17.0	30.17	363.03	4.42	53.15	63.0-64.0	0.42	675.89	0.06	98.96
17.0-18.0	28.84	391.86	4.22	57.37	64.0-65.0	0.40	676.29	0.06	99.02
18.0-19.0	27.13	418.99	3.97	61.35	65.0-66.0	0.38	676.67	0.06	99.07
19.0-20.0	25.11	444.10	3.68	65.02	66.0-67.0	0.36	677.03	0.05	99.12
20.0-21.0	22.91	467.00	3.35	68.37	67.0-68.0	0.34	677.38	0.05	99.18
21.0-22.0	20.70	487.71	3.03	71.41	68.0-69.0	0.32	677.70	0.05	99.22
22.0-23.0	18.63	506.34	2.73	74.13	69.0-70.0	0.31	678.01	0.04	99.27
23.0-24.0	16.75	523.09	2.45	76.59	70.0-71.0	0.28	678.29	0.04	99.31
24.0-25.0	15.08	538.16	2.21	78.79	71.0-72.0	0.26	678.55	0.04	99.35
25.0-26.0	13.63	551.79	2.00	80.79	72.0-73.0	0.24	678.80	0.04	99.38
26.0-27.0	12.37	564.16	1.81	82.60	73.0-74.0	0.22	679.02	0.03	99.42
27.0-28.0	11.26	575.43	1.65	84.25	74.0-75.0	0.20	679.22	0.03	99.44
28.0-29.0	10.28	585.70	1.50	85.75	75.0-76.0	0.18	679.40	0.03	99.47
29.0-30.0	9.39	595.09	1.37	87.13	76.0-77.0	0.16	679.55	0.02	99.49
30.0-31.0	8.57	603.66	1.26	88.38	77.0-78.0	0.14	679.69	0.02	99.51
31.0-32.0	7.82	611.48	1.14	89.53	78.0-79.0	0.12	679.82	0.02	99.53
32.0-33.0	7.11	618.59	1.04	90.57	79.0-80.0	0.10	679.92	0.02	99.55
33.0-34.0	6.44	625.03	0.94	91.51	80.0-81.0	0.09	680.01	0.01	99.56
34.0-35.0	5.82	630.85	0.85	92.36	81.0-82.0	0.07	680.07	0.01	99.57
35.0-36.0	5.23	636.08	0.77	93.13	82.0-83.0	0.05	680.13	0.01	99.58
36.0-37.0	4.67	640.75	0.68	93.81	83.0-84.0	0.04	680.17	0.01	99.58
37.0-38.0	4.19	644.94	0.61	94.43	84.0-85.0	0.03	680.20	0.00	99.59
38.0-39.0	3.78	648.72	0.55	94.98	85.0-86.0	0.02	680.22	0.00	99.59
39.0-40.0	3.40	652.12	0.50	95.48	86.0-87.0	0.01	680.23	0.00	99.59
40.0-41.0	3.05	655.18	0.45	95.92	87.0-88.0	0.01	680.24	0.00	99.59
41.0-42.0	2.58	657.76	0.38	96.30	88.0-89.0	0.00	680.24	0.00	99.59
42.0-43.0	1.97	659.73	0.29	96.59	89.0-90.0	0.00	680.24	0.00	99.59
43.0-44.0	1.52	661.25	0.22	96.81	90.0-91.0	0.00	680.24	0.00	99.59
44.0-45.0	1.30	662.56	0.19	97.01	91.0-92.0	0.00	680.24	0.00	99.59
45.0-46.0	1.17	663.73	0.17	97.18	92.0-93.0	0.00	680.24	0.00	99.59
46.0-47.0	1.08	664.81	0.16	97.33	93.0-94.0	0.00	680.24	0.00	99.59

Zonal Flux Tabulation - (Cont.)

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.00	680.24	0.00	99.59	141.0-142.0	0.04	680.38	0.01	99.61
95.0-96.0	0.00	680.24	0.00	99.59	142.0-143.0	0.05	680.43	0.01	99.62
96.0-97.0	0.00	680.24	0.00	99.59	143.0-144.0	0.06	680.49	0.01	99.63
97.0-98.0	0.00	680.24	0.00	99.59	144.0-145.0	0.07	680.55	0.01	99.64
98.0-99.0	0.00	680.24	0.00	99.59	145.0-146.0	0.07	680.63	0.01	99.65
99.0-100.0	0.00	680.24	0.00	99.59	146.0-147.0	0.08	680.70	0.01	99.66
100.0-101.0	0.00	680.24	0.00	99.59	147.0-148.0	0.08	680.79	0.01	99.67
101.0-102.0	0.00	680.24	0.00	99.59	148.0-149.0	0.09	680.87	0.01	99.69
102.0-103.0	0.00	680.24	0.00	99.59	149.0-150.0	0.09	680.96	0.01	99.70
103.0-104.0	0.00	680.24	0.00	99.59	150.0-151.0	0.10	681.06	0.01	99.71
104.0-105.0	0.00	680.24	0.00	99.59	151.0-152.0	0.10	681.16	0.01	99.73
105.0-106.0	0.00	680.24	0.00	99.59	152.0-153.0	0.10	681.26	0.01	99.74
106.0-107.0	0.00	680.24	0.00	99.59	153.0-154.0	0.10	681.36	0.01	99.76
107.0-108.0	0.00	680.24	0.00	99.59	154.0-155.0	0.10	681.46	0.02	99.77
108.0-109.0	0.00	680.24	0.00	99.59	155.0-156.0	0.10	681.56	0.02	99.79
109.0-110.0	0.00	680.24	0.00	99.59	156.0-157.0	0.10	681.67	0.02	99.80
110.0-111.0	0.00	680.24	0.00	99.59	157.0-158.0	0.10	681.77	0.01	99.82
111.0-112.0	0.00	680.24	0.00	99.59	158.0-159.0	0.10	681.87	0.01	99.83
112.0-113.0	0.00	680.24	0.00	99.59	159.0-160.0	0.10	681.97	0.01	99.85
113.0-114.0	0.00	680.24	0.00	99.59	160.0-161.0	0.10	682.06	0.01	99.86
114.0-115.0	0.00	680.24	0.00	99.59	161.0-162.0	0.09	682.16	0.01	99.87
115.0-116.0	0.00	680.24	0.00	99.59	162.0-163.0	0.09	682.24	0.01	99.89
116.0-117.0	0.00	680.24	0.00	99.59	163.0-164.0	0.08	682.33	0.01	99.90
117.0-118.0	0.00	680.24	0.00	99.59	164.0-165.0	0.08	682.41	0.01	99.91
118.0-119.0	0.00	680.24	0.00	99.59	165.0-166.0	0.08	682.49	0.01	99.92
119.0-120.0	0.00	680.24	0.00	99.59	166.0-167.0	0.07	682.56	0.01	99.93
120.0-121.0	0.00	680.24	0.00	99.59	167.0-168.0	0.07	682.62	0.01	99.94
121.0-122.0	0.00	680.24	0.00	99.59	168.0-169.0	0.06	682.68	0.01	99.95
122.0-123.0	0.00	680.24	0.00	99.59	169.0-170.0	0.06	682.74	0.01	99.96
123.0-124.0	0.00	680.24	0.00	99.59	170.0-171.0	0.05	682.79	0.01	99.97
124.0-125.0	0.00	680.24	0.00	99.59	171.0-172.0	0.05	682.83	0.01	99.97
125.0-126.0	0.00	680.24	0.00	99.59	172.0-173.0	0.04	682.87	0.01	99.98
126.0-127.0	0.00	680.24	0.00	99.59	173.0-174.0	0.04	682.91	0.01	99.99
127.0-128.0	0.00	680.24	0.00	99.59	174.0-175.0	0.03	682.94	0.00	99.99
128.0-129.0	0.00	680.24	0.00	99.59	175.0-176.0	0.02	682.96	0.00	99.99
129.0-130.0	0.00	680.24	0.00	99.59	176.0-177.0	0.02	682.98	0.00	100.00
130.0-131.0	0.00	680.24	0.00	99.59	177.0-178.0	0.01	683.00	0.00	100.00
131.0-132.0	0.00	680.24	0.00	99.59	178.0-179.0	0.01	683.00	0.00	100.00
132.0-133.0	0.00	680.24	0.00	99.59	179.0-180.0	0.00	683.01	0.00	100.00
133.0-134.0	0.00	680.24	0.00	99.59					
134.0-135.0	0.00	680.24	0.00	99.59					
135.0-136.0	0.00	680.24	0.00	99.59					
136.0-137.0	0.00	680.24	0.00	99.59					
137.0-138.0	0.01	680.25	0.00	99.60					
138.0-139.0	0.02	680.27	0.00	99.60					
139.0-140.0	0.03	680.30	0.00	99.60					
140.0-141.0	0.04	680.33	0.01	99.61					

Rectangle ISO Lighting Intensity Diagram

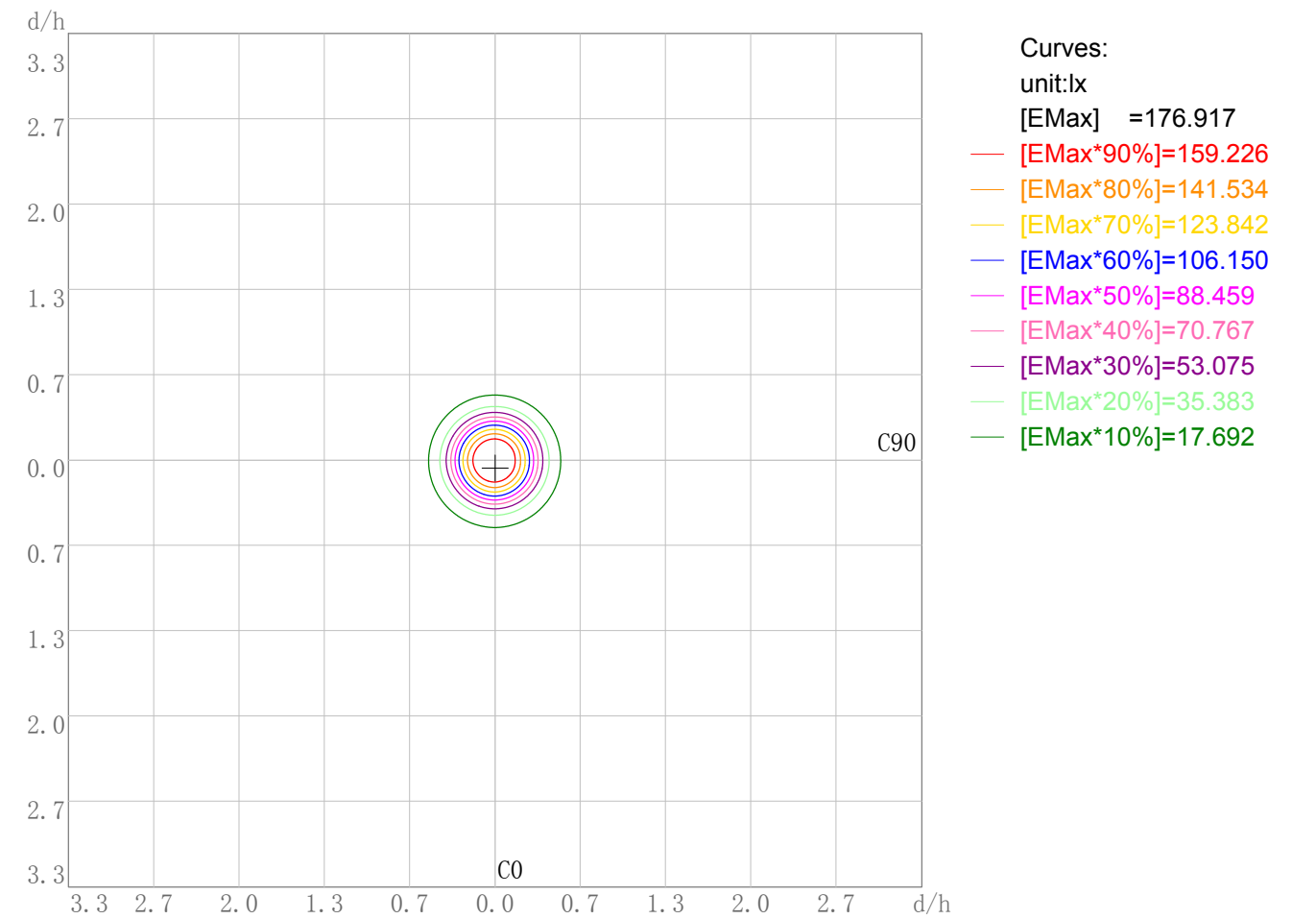
Lum. Name: SD02-09-XX-01 2700K RA90 36D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co.Ltd	Test Machine:GON-2000	Test Date: 2021/03/23



Plane ISO-Illuminance Diagram

Lum. Name: SD02-09-XX-01 2700K RA90 36D	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: 2021/03/23

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 176.92

Working Plane Maximum Illuminance Position(d/h):H0.0 V0.1

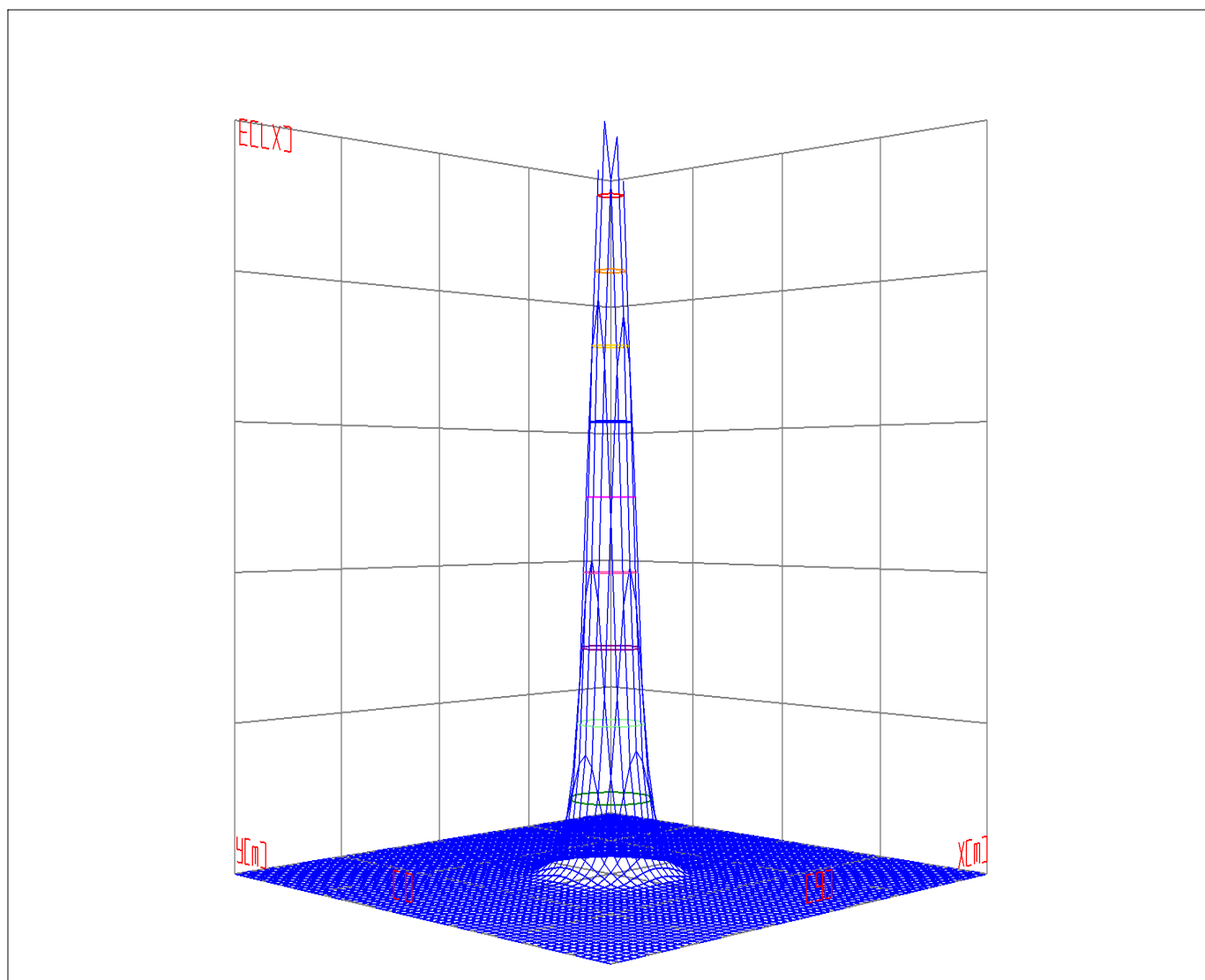
# IES Indoor Report

Photometric Filename:SD02-09-XX-01 2700K RA90 36D.IES

## 3D Plane ISO Illuminance Diagram

Lum. Name: SD02-09-XX-01 2700K RA90 36D	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: 2021/03/23

## 3D Plane Illuminance Modal



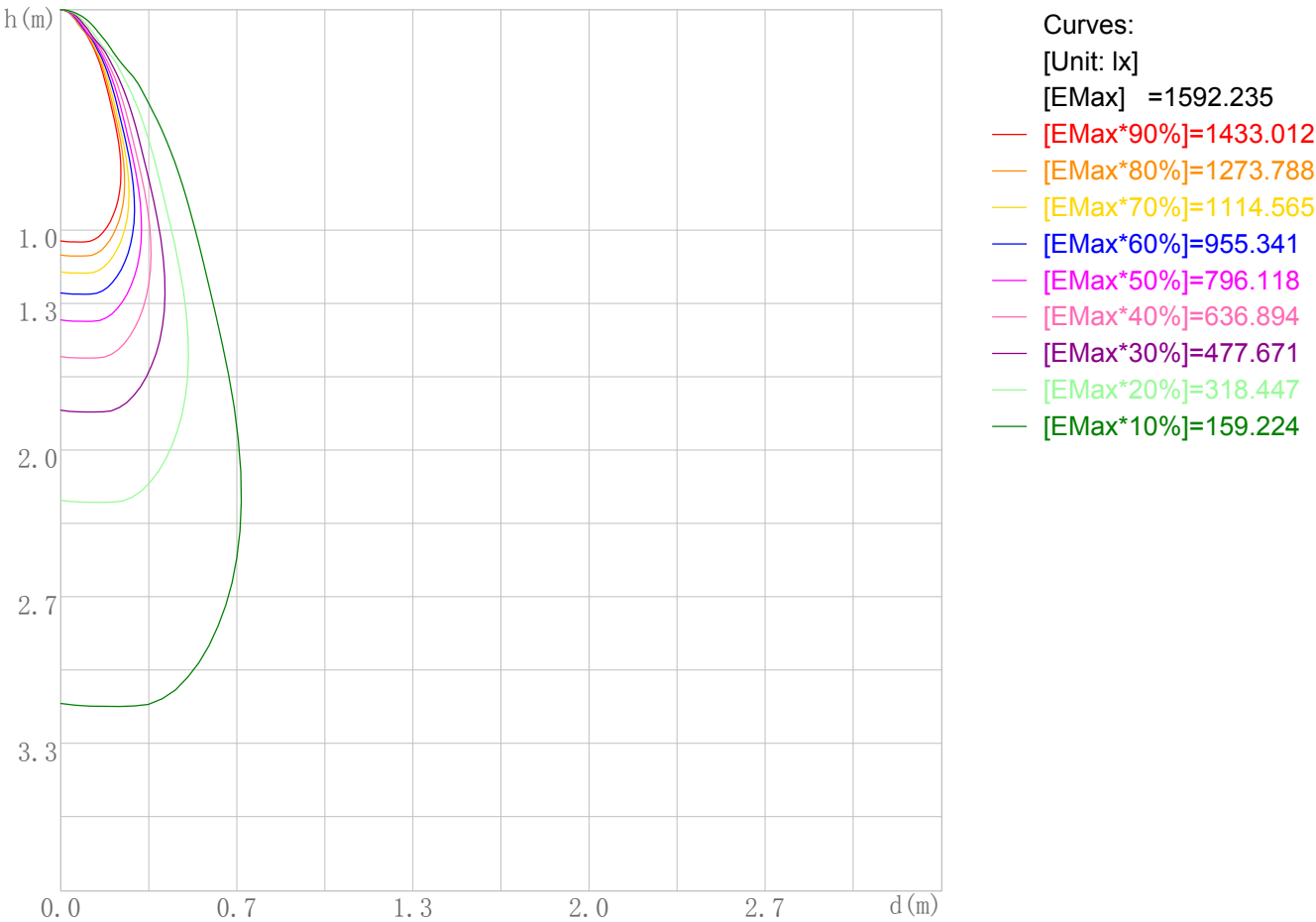
Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0



Space ISO Illuminance Diagram

Lum. Name: SD02-09-XX-01 2700K RA90 36D	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: 2021/03/23

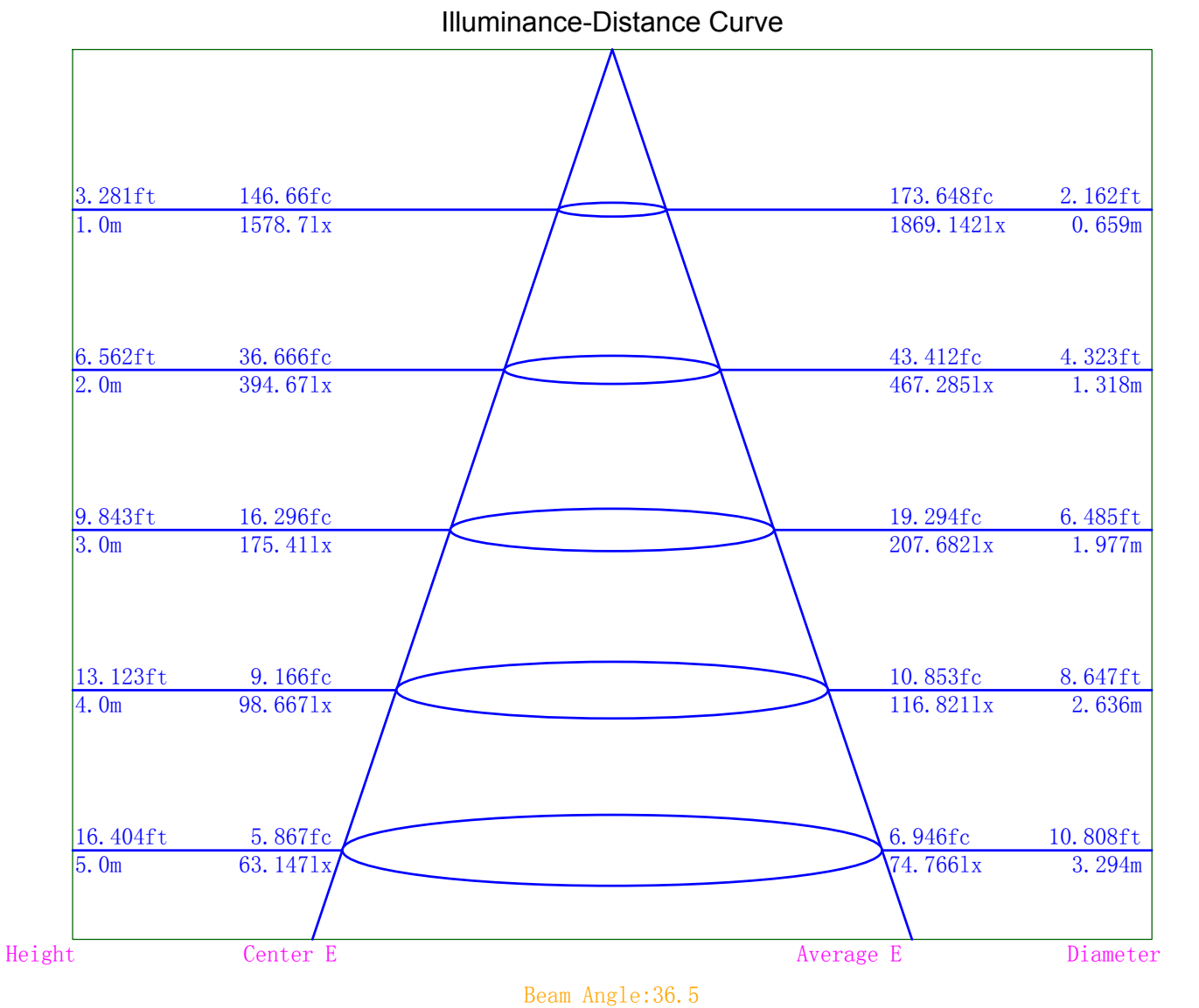
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1592.24lx,4.0deg  
Plane Maximum Lighting Intensity and @Angle:1609.251cd,0deg

Illuminance-Distance Diagram

Lum. Name: SD02-09-XX-01 2700K RA90 36D	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: 2021/03/23



Indoor Luminance Limiting Curves

Lum. Name: SD02-09-XX-01 2700K RA90 36D	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: 2021/03/23

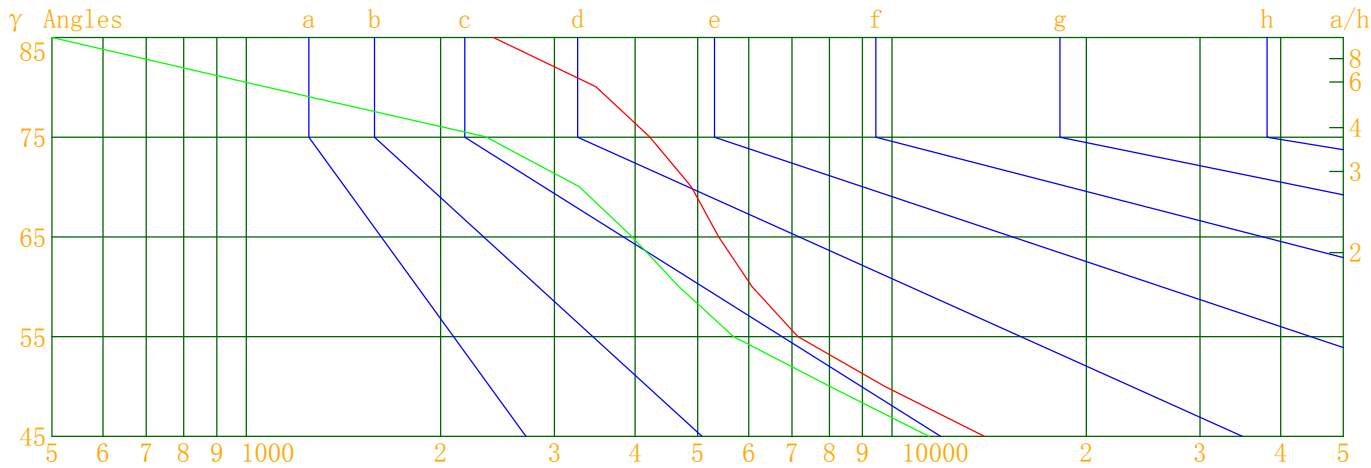
Glare Grade Table

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	13903	9746	7147	6071	5388	4887	4211	3481	2413
C90	11410	8013	5680	4676	3956	3277	2348	1071	0

Luminance Limiting Curve



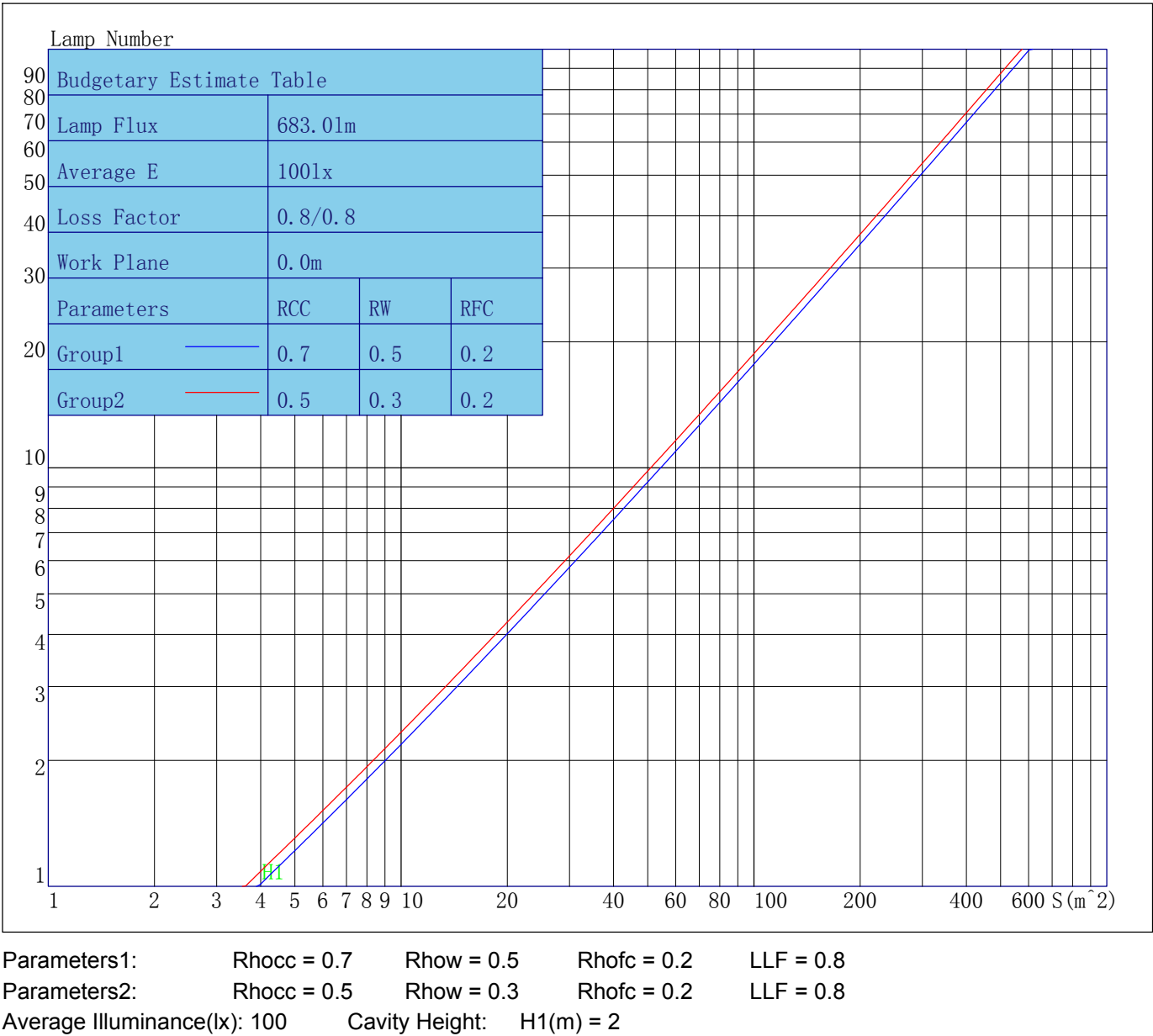
Luminous Size: Length(m)=0.000 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963

Luminous Type: Without Luminous Side

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

Indoor Budgetary Estimate Table

Lum. Name: SD02-09-XX-01 2700K RA90 36D	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: 2021/03/23



Indoor Coefficient of Utilization Table

Lum. Name: SD02-09-XX-01 2700K RA90 36D	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: 2021/03/23

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	0
RCR	Coefficient of Utilization(%)																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	99	98	97	97	95
2	110	105	102	99	107	104	101	98	100	98	96	98	95	94	95	93	92	90
3	105	100	96	92	103	98	95	92	96	93	90	93	91	89	91	89	87	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82
5	97	90	86	82	96	89	85	82	88	84	81	86	83	80	85	82	79	78
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	72	70	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	67	73	70	67	66
10	81	73	69	65	80	73	68	65	72	68	65	71	68	65	71	67	65	64

Unified Glare Rating Table

Lum. Name: SD02-09-XX-01 2700K RA90 36D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co.Ltd	Test Machine:GON-2000	Test Date: 2021/03/23

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	15.4	16.4	15.8	16.7	17.0	15.1	16.0	15.4	16.3	16.6
	15.5	16.4	15.9	16.7	17.1	15.1	15.9	15.4	16.2	16.6
	15.6	16.3	16.0	16.7	17.1	15.0	15.8	15.4	16.1	16.5
	15.6	16.3	16.0	16.7	17.1	14.9	15.6	15.4	16.0	16.4
	15.6	16.2	16.0	16.6	17.0	14.9	15.5	15.3	15.9	16.3
	15.5	16.1	16.0	16.5	17.0	14.8	15.4	15.3	15.8	16.3
X=4H    Y=2H	15.3	16.0	15.7	16.4	16.8	14.9	15.7	15.3	16.0	16.4
	15.5	16.1	15.9	16.5	16.9	14.9	15.6	15.4	16.0	16.4
	15.6	16.1	16.0	16.6	17.0	14.9	15.5	15.4	15.9	16.4
	15.6	16.1	16.1	16.6	17.1	14.9	15.3	15.3	15.8	16.3
	15.6	16.1	16.1	16.5	17.0	14.8	15.2	15.3	15.7	16.2
	15.6	16.0	16.1	16.5	17.0	14.7	15.1	15.2	15.6	16.1
X=8H    Y=4H	15.5	15.9	16.0	16.4	16.9	14.8	15.3	15.3	15.7	16.2
	15.6	15.9	16.1	16.5	17.0	14.7	15.1	15.3	15.6	16.1
	15.6	15.9	16.1	16.4	16.9	14.7	15.0	15.2	15.5	16.0
	15.6	15.9	16.1	16.4	17.0	14.6	14.9	15.2	15.4	16.0
X=12H    Y=4H	15.4	15.8	15.9	16.3	16.8	14.8	15.1	15.3	15.6	16.1
	15.5	15.9	16.1	16.3	16.9	14.7	15.0	15.2	15.5	16.0
	15.6	15.8	16.1	16.3	16.9	14.6	14.9	15.2	15.4	16.0
Variations with the objerver position at spacings										
S=1.0H	0.6/-0.6					1.2/-1.6				
S=1.5H	1.1/-1.2					1.9/-2.5				
S=2.0H	1.4/-1.7					2.2/-3.3				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	0.7					0.3				

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

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	1578.68	1578.68	1578.68	1578.68
γ 1.0	1587.34	1575.60	1582.58	1568.86
γ 2.0	1593.72	1577.14	1585.72	1569.62
γ 3.0	1598.47	1580.77	1593.52	1574.32
γ 4.0	1603.93	1583.35	1602.81	1581.97
γ 5.0	1608.69	1584.89	1609.74	1593.05
γ 6.0	1609.25	1578.23	1609.12	1600.46
γ 7.0	1592.62	1557.49	1593.77	1593.78
γ 8.0	1562.76	1522.81	1568.23	1572.50
γ 9.0	1517.15	1479.09	1527.42	1537.76
γ 10.0	1463.92	1425.62	1480.01	1493.03
γ 11.0	1401.79	1363.24	1426.26	1438.51
γ 12.0	1332.19	1294.70	1365.05	1377.35
γ 13.0	1258.36	1220.86	1293.54	1309.38
γ 14.0	1178.83	1141.77	1214.86	1232.95
γ 15.0	1092.77	1058.08	1128.04	1145.31
γ 16.0	1003.58	969.38	1036.09	1053.25
γ 17.0	908.77	881.36	939.91	957.18
γ 18.0	813.20	793.00	842.25	860.47
γ 19.0	716.96	702.77	744.30	764.29
γ 20.0	623.02	614.66	649.90	670.82
γ 21.0	534.44	531.73	564.05	582.91
γ 22.0	455.43	459.85	488.53	503.74
γ 23.0	389.11	398.21	423.73	433.48
γ 24.0	333.87	344.63	368.53	372.49
γ 25.0	289.95	299.40	322.41	321.03
γ 26.0	253.95	261.00	283.59	278.30
γ 27.0	223.81	228.87	250.27	242.49
γ 28.0	198.40	201.20	221.83	212.53
γ 29.0	176.24	177.32	196.79	187.11
γ 30.0	156.49	157.00	174.49	165.36
γ 31.0	139.22	138.75	154.37	146.61
γ 32.0	124.00	123.09	135.96	129.61
γ 33.0	110.08	108.93	119.60	113.64
γ 34.0	97.42	96.33	105.15	100.08
γ 35.0	86.67	85.20	91.76	87.06
γ 36.0	76.23	74.82	79.76	74.92
γ 37.0	66.97	65.74	69.47	65.29
γ 38.0	59.44	58.00	60.59	57.13
γ 39.0	52.99	51.24	52.97	50.09
γ 40.0	47.36	45.24	46.28	44.01
γ 41.0	42.45	39.76	39.20	38.79
γ 42.0	36.37	30.39	27.22	29.95
γ 43.0	26.90	22.21	19.06	20.87
γ 44.0	22.03	18.28	15.32	16.93
γ 45.0	19.30	15.84	13.09	14.82
γ 46.0	17.26	14.17	11.75	13.45

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	15.69	12.96	10.80	12.46
γ 48.0	14.41	11.90	10.09	11.69
γ 49.0	13.31	11.00	9.43	11.02
γ 50.0	12.30	10.11	8.67	10.29
γ 51.0	11.18	8.99	7.67	9.34
γ 52.0	10.10	8.19	7.12	8.64
γ 53.0	9.31	7.49	6.64	8.08
γ 54.0	8.61	6.89	6.26	7.63
γ 55.0	8.05	6.40	5.97	7.25
γ 56.0	7.56	5.99	5.69	6.92
γ 57.0	7.11	5.61	5.42	6.59
γ 58.0	6.69	5.24	5.15	6.28
γ 59.0	6.31	4.91	4.90	5.99
γ 60.0	5.96	4.59	4.65	5.71
γ 61.0	5.63	4.32	4.43	5.45
γ 62.0	5.32	4.04	4.20	5.20
γ 63.0	5.02	3.76	3.98	4.95
γ 64.0	4.74	3.51	3.76	4.70
γ 65.0	4.47	3.28	3.55	4.46
γ 66.0	4.22	3.06	3.37	4.25
γ 67.0	3.97	2.84	3.17	4.03
γ 68.0	3.73	2.62	2.98	3.81
γ 69.0	3.50	2.42	2.79	3.60
γ 70.0	3.28	2.20	2.59	3.39
γ 71.0	3.05	1.99	2.38	3.17
γ 72.0	2.80	1.78	2.16	2.93
γ 73.0	2.57	1.58	1.95	2.71
γ 74.0	2.34	1.38	1.75	2.48
γ 75.0	2.14	1.19	1.55	2.27
γ 76.0	1.92	1.00	1.36	2.07
γ 77.0	1.73	0.84	1.18	1.86
γ 78.0	1.54	0.67	1.00	1.66
γ 79.0	1.36	0.51	0.82	1.47
γ 80.0	1.19	0.37	0.65	1.29
γ 81.0	1.02	0.22	0.48	1.12
γ 82.0	0.87	0.09	0.34	0.95
γ 83.0	0.70	0.00	0.19	0.78
γ 84.0	0.56	0.00	0.05	0.62
γ 85.0	0.41	0.00	0.00	0.48
γ 86.0	0.28	0.00	0.00	0.34
γ 87.0	0.16	0.00	0.00	0.20
γ 88.0	0.03	0.00	0.00	0.07
γ 89.0	0.00	0.00	0.00	0.00
γ 90.0	0.00	0.00	0.00	0.00
γ 91.0	0.00	0.00	0.00	0.00
γ 92.0	0.00	0.00	0.00	0.00
γ 93.0	0.00	0.00	0.00	0.00

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Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.00	0.00	0.00	0.00
γ 95.0	0.00	0.00	0.00	0.00
γ 96.0	0.00	0.00	0.00	0.00
γ 97.0	0.00	0.00	0.00	0.00
γ 98.0	0.00	0.00	0.00	0.00
γ 99.0	0.00	0.00	0.00	0.00
γ 100.0	0.00	0.00	0.00	0.00
γ 101.0	0.00	0.00	0.00	0.00
γ 102.0	0.00	0.00	0.00	0.00
γ 103.0	0.00	0.00	0.00	0.00
γ 104.0	0.00	0.00	0.00	0.00
γ 105.0	0.00	0.00	0.00	0.00
γ 106.0	0.00	0.00	0.00	0.00
γ 107.0	0.00	0.00	0.00	0.00
γ 108.0	0.00	0.00	0.00	0.00
γ 109.0	0.00	0.00	0.00	0.00
γ 110.0	0.00	0.00	0.00	0.00
γ 111.0	0.00	0.00	0.00	0.00
γ 112.0	0.00	0.00	0.00	0.00
γ 113.0	0.00	0.00	0.00	0.00
γ 114.0	0.00	0.00	0.00	0.00
γ 115.0	0.00	0.00	0.00	0.00
γ 116.0	0.00	0.00	0.00	0.00
γ 117.0	0.00	0.00	0.00	0.00
γ 118.0	0.00	0.00	0.00	0.00
γ 119.0	0.00	0.00	0.00	0.00
γ 120.0	0.00	0.00	0.00	0.00
γ 121.0	0.00	0.00	0.00	0.00
γ 122.0	0.00	0.00	0.00	0.00
γ 123.0	0.00	0.00	0.00	0.00
γ 124.0	0.00	0.00	0.00	0.00
γ 125.0	0.00	0.00	0.00	0.00
γ 126.0	0.00	0.00	0.00	0.00
γ 127.0	0.00	0.00	0.00	0.00
γ 128.0	0.00	0.00	0.00	0.00
γ 129.0	0.00	0.00	0.00	0.00
γ 130.0	0.00	0.00	0.00	0.00
γ 131.0	0.00	0.00	0.00	0.00
γ 132.0	0.00	0.00	0.00	0.00
γ 133.0	0.00	0.00	0.00	0.00
γ 134.0	0.00	0.00	0.00	0.00
γ 135.0	0.00	0.00	0.00	0.00
γ 136.0	0.00	0.00	0.05	0.07
γ 137.0	0.03	0.00	0.17	0.19
γ 138.0	0.16	0.00	0.29	0.30
γ 139.0	0.28	0.12	0.42	0.41
γ 140.0	0.41	0.26	0.55	0.55

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Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	0.53	0.40	0.68	0.67
γ 142.0	0.68	0.52	0.81	0.80
γ 143.0	0.81	0.65	0.94	0.93
γ 144.0	0.94	0.79	1.08	1.06
γ 145.0	1.06	0.91	1.21	1.18
γ 146.0	1.20	1.03	1.35	1.31
γ 147.0	1.33	1.16	1.47	1.42
γ 148.0	1.44	1.28	1.60	1.54
γ 149.0	1.57	1.40	1.72	1.65
γ 150.0	1.69	1.52	1.85	1.77
γ 151.0	1.79	1.63	1.96	1.88
γ 152.0	1.91	1.73	2.08	1.99
γ 153.0	2.01	1.84	2.18	2.09
γ 154.0	2.10	1.94	2.29	2.19
γ 155.0	2.20	2.04	2.37	2.27
γ 156.0	2.30	2.12	2.46	2.36
γ 157.0	2.37	2.21	2.54	2.44
γ 158.0	2.44	2.28	2.62	2.51
γ 159.0	2.52	2.35	2.68	2.57
γ 160.0	2.57	2.39	2.74	2.63
γ 161.0	2.62	2.46	2.79	2.68
γ 162.0	2.66	2.49	2.84	2.72
γ 163.0	2.70	2.53	2.85	2.74
γ 164.0	2.73	2.55	2.87	2.77
γ 165.0	2.74	2.58	2.88	2.78
γ 166.0	2.75	2.59	2.89	2.80
γ 167.0	2.76	2.59	2.88	2.81
γ 168.0	2.75	2.62	2.89	2.81
γ 169.0	2.75	2.62	2.89	2.80
γ 170.0	2.77	2.64	2.89	2.82
γ 171.0	2.78	2.65	2.89	2.81
γ 172.0	2.79	2.69	2.91	2.83
γ 173.0	2.81	2.70	2.91	2.85
γ 174.0	2.82	2.73	2.91	2.86
γ 175.0	2.84	2.76	2.92	2.87
γ 176.0	2.86	2.78	2.93	2.89
γ 177.0	2.89	2.81	2.95	2.89
γ 178.0	2.91	2.85	2.95	2.92
γ 179.0	2.91	2.86	2.96	2.94
γ 180.0	2.94	2.94	2.94	2.94