

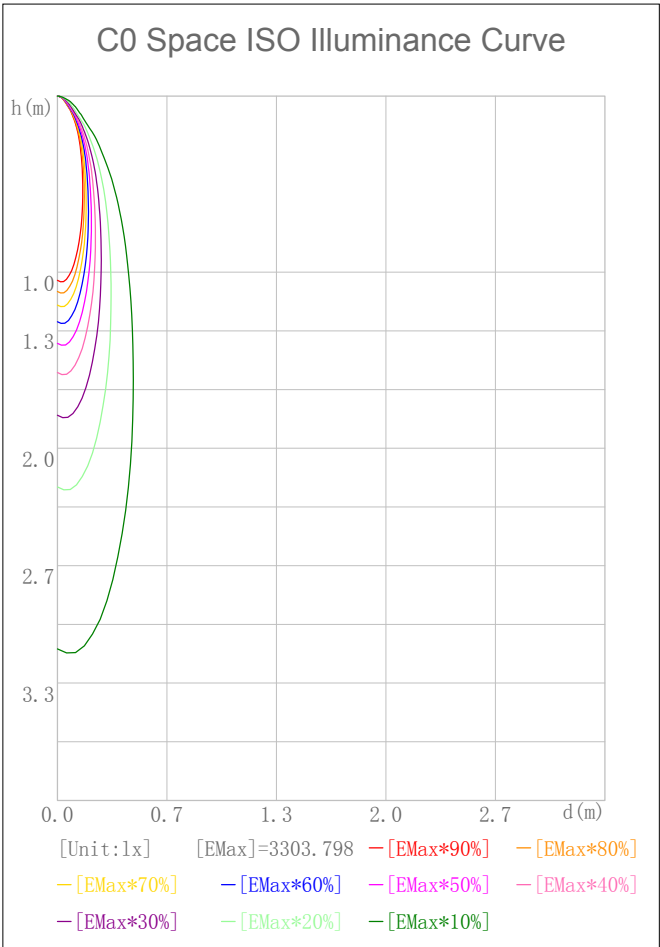
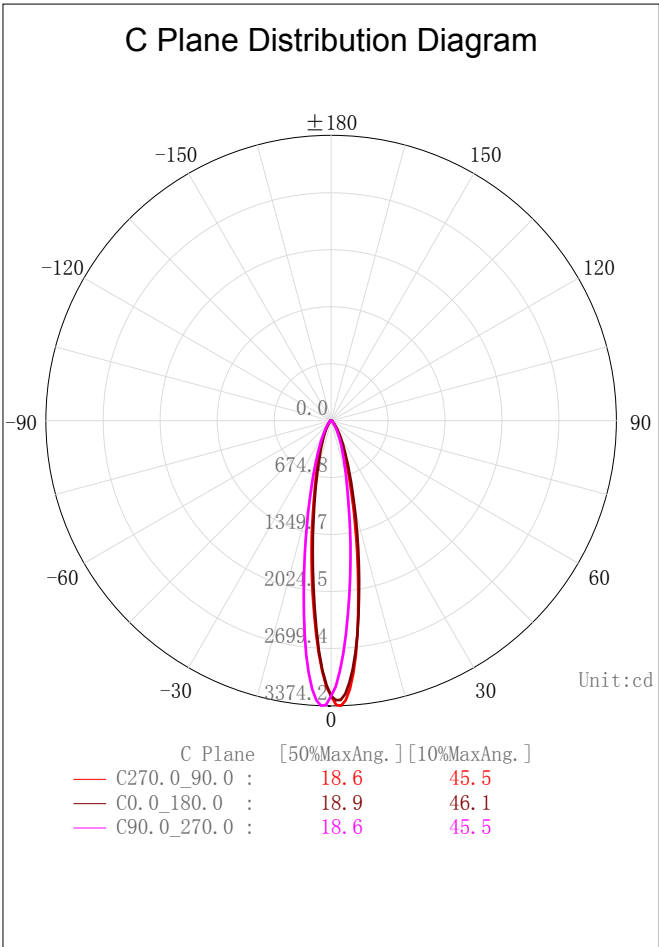
Indoor Luminaire Photometric Data

Description Information

Luminary Name:SD09-09-XX-04 3000K RA90 15D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2021/11/15
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

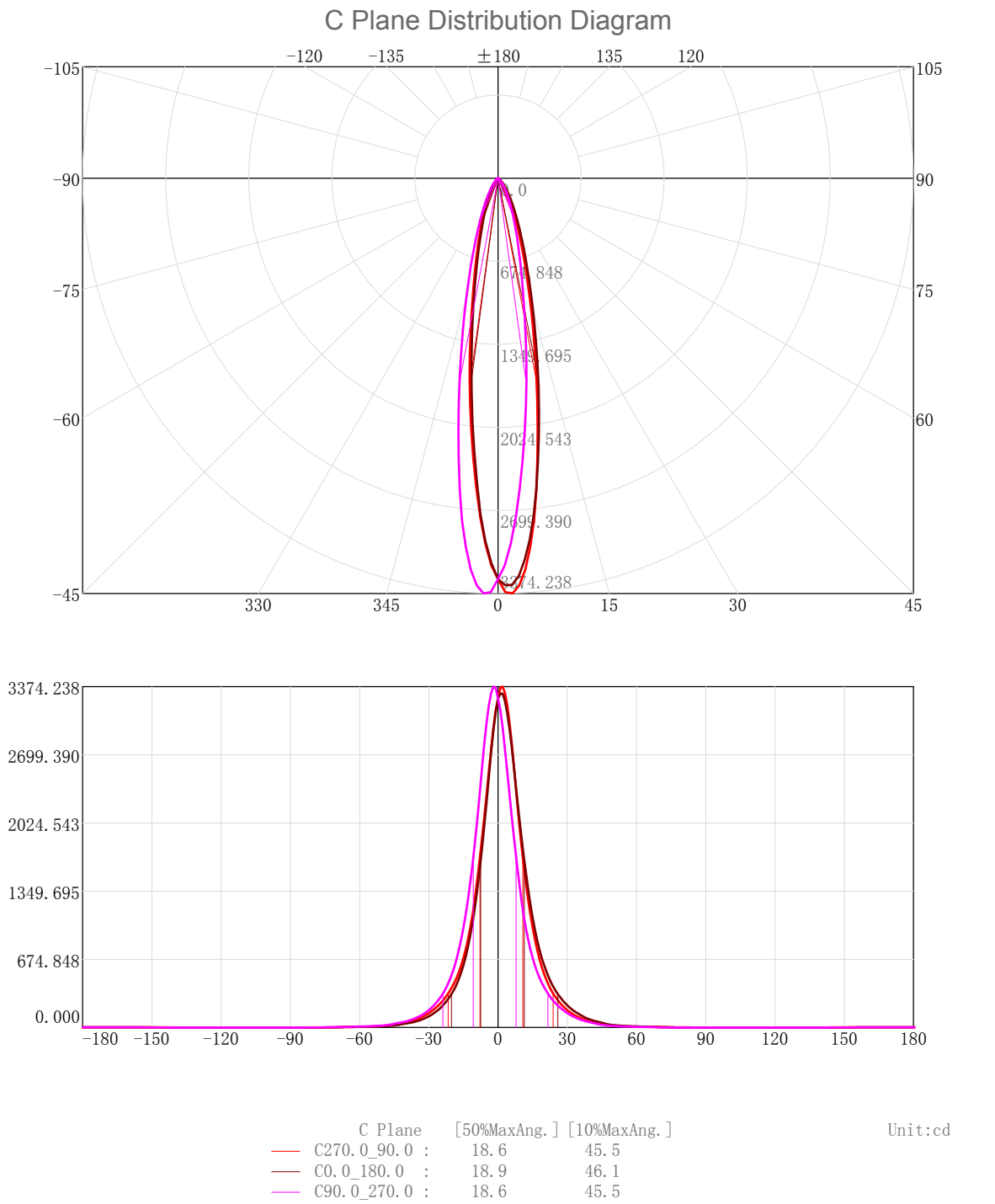
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 693.270	Luminary Flux(lm): 693.274	Field Angle(10%Imax): 45.5(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 690.591lm 99.61%	
Rated Voltage(V):	Luminary EER(lm/W): 78.080	Up Lumens&Percent: 2.683lm 0.39%	
Tested Power(W): 8.879	Max. Candela(cd): 3374.238	S/MH: C0_a180=0.326 C90_270=0.326	
Lamps' Inside: 1	Max Cand@Ang. (°): C=270.0 γ=2.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):241.1, 0.040, 0.900	Beam Angle(50%Imax): 18.6(°)	ErP ϕ use(90°): 617.785lm	
Lamp Size (W*L*H):0.038m*-0.038m*0.000m	Left=-7.8°, Right=10.7°	IRF(%): 930.478	



2D Plane Light Intensity Distribution Curve

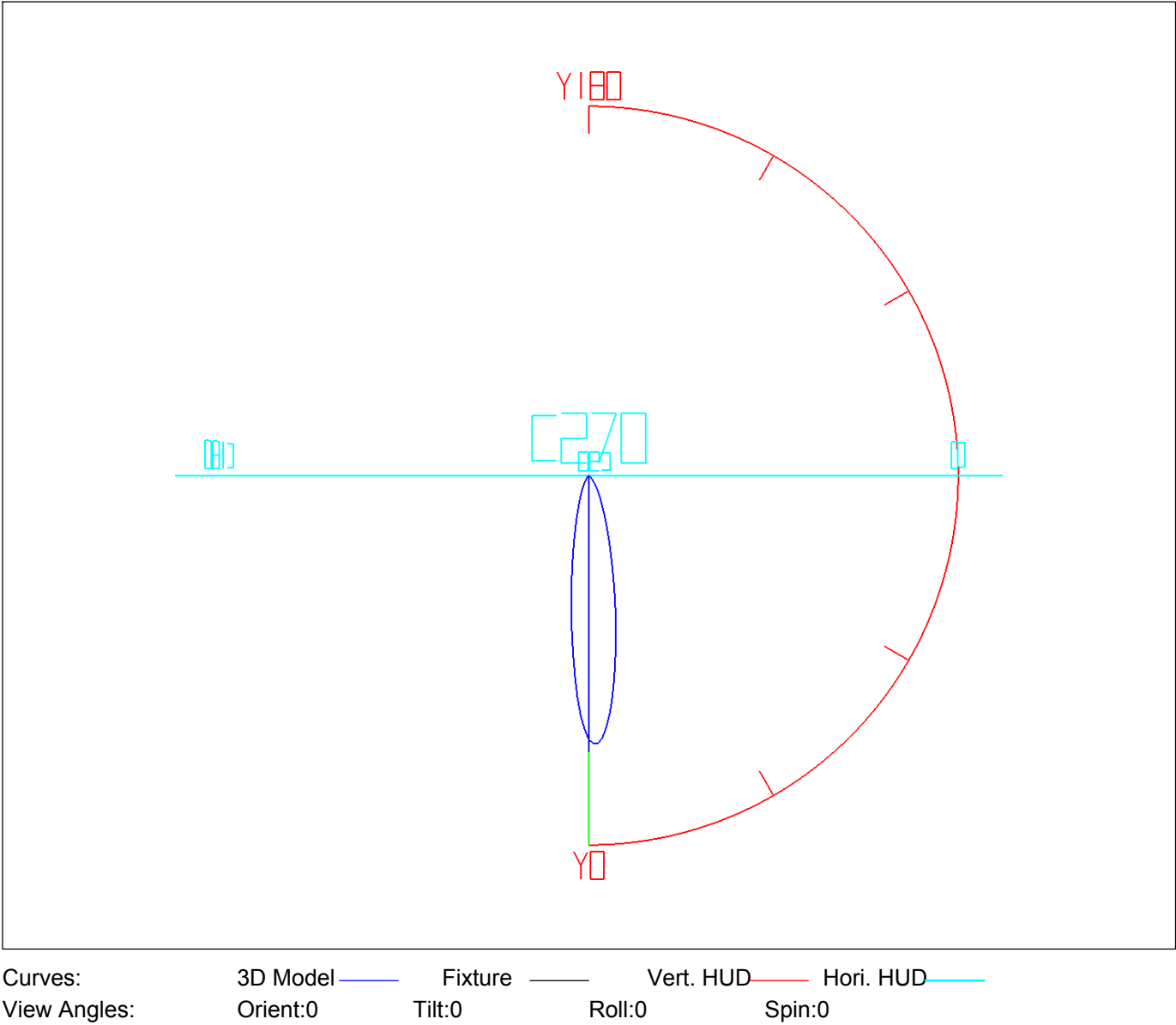
Lum. Name: SD09-09-XX-04 3000K RA90 15D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Deparment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/11/15



3D Light Intensity Distribution Modal

Lum. Name: SD09-09-XX-04 3000K RA90 15D	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: 2021/11/15

3D Light Intensity Distribution Modal



IES Indoor Report

Photometric Filename:SD09-09-XX-04 3000K RA90 15D.IES

Zonal Flux Tabulation

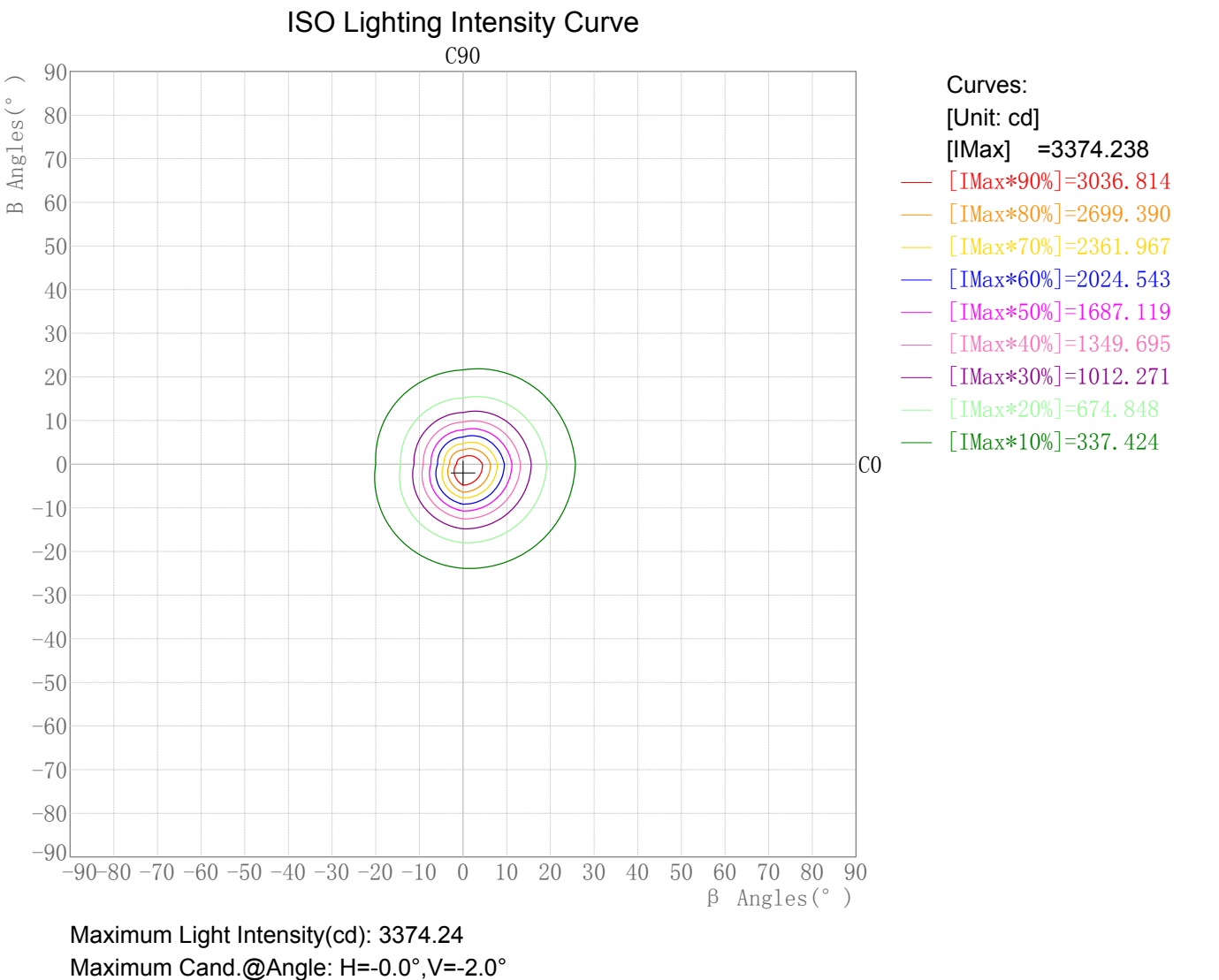
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	3.11	3.11	0.45	0.45	47.0-48.0	1.94	667.29	0.28	96.25
1.0-2.0	9.16	12.27	1.32	1.77	48.0-49.0	1.77	669.06	0.26	96.51
2.0-3.0	14.73	26.99	2.12	3.89	49.0-50.0	1.63	670.69	0.24	96.74
3.0-4.0	19.51	46.51	2.81	6.71	50.0-51.0	1.52	672.21	0.22	96.96
4.0-5.0	23.39	69.90	3.37	10.08	51.0-52.0	1.41	673.62	0.20	97.17
5.0-6.0	26.38	96.28	3.81	13.89	52.0-53.0	1.32	674.94	0.19	97.36
6.0-7.0	28.45	124.73	4.10	17.99	53.0-54.0	1.23	676.17	0.18	97.53
7.0-8.0	29.64	154.37	4.27	22.27	54.0-55.0	1.15	677.32	0.17	97.70
8.0-9.0	30.09	184.45	4.34	26.61	55.0-56.0	1.08	678.40	0.16	97.85
9.0-10.0	29.97	214.42	4.32	30.93	56.0-57.0	1.02	679.42	0.15	98.00
10.0-11.0	29.39	243.81	4.24	35.17	57.0-58.0	0.97	680.39	0.14	98.14
11.0-12.0	28.46	272.26	4.10	39.27	58.0-59.0	0.92	681.31	0.13	98.27
12.0-13.0	27.30	299.57	3.94	43.21	59.0-60.0	0.87	682.18	0.13	98.40
13.0-14.0	26.02	325.59	3.75	46.96	60.0-61.0	0.82	683.00	0.12	98.52
14.0-15.0	24.68	350.27	3.56	50.52	61.0-62.0	0.77	683.78	0.11	98.63
15.0-16.0	23.33	373.60	3.37	53.89	62.0-63.0	0.72	684.50	0.10	98.73
16.0-17.0	22.00	395.59	3.17	57.06	63.0-64.0	0.68	685.18	0.10	98.83
17.0-18.0	20.68	416.27	2.98	60.04	64.0-65.0	0.64	685.82	0.09	98.93
18.0-19.0	19.41	435.68	2.80	62.84	65.0-66.0	0.61	686.43	0.09	99.01
19.0-20.0	18.20	453.88	2.63	65.47	66.0-67.0	0.57	687.00	0.08	99.10
20.0-21.0	17.06	470.95	2.46	67.93	67.0-68.0	0.52	687.52	0.08	99.17
21.0-22.0	15.99	486.94	2.31	70.24	68.0-69.0	0.47	687.99	0.07	99.24
22.0-23.0	14.98	501.92	2.16	72.40	69.0-70.0	0.42	688.41	0.06	99.30
23.0-24.0	14.03	515.95	2.02	74.42	70.0-71.0	0.36	688.77	0.05	99.35
24.0-25.0	13.12	529.07	1.89	76.31	71.0-72.0	0.31	689.08	0.04	99.40
25.0-26.0	12.26	541.33	1.77	78.08	72.0-73.0	0.26	689.34	0.04	99.43
26.0-27.0	11.45	552.78	1.65	79.73	73.0-74.0	0.22	689.57	0.03	99.47
27.0-28.0	10.66	563.43	1.54	81.27	74.0-75.0	0.19	689.76	0.03	99.49
28.0-29.0	9.91	573.34	1.43	82.70	75.0-76.0	0.16	689.92	0.02	99.52
29.0-30.0	9.20	582.54	1.33	84.03	76.0-77.0	0.13	690.05	0.02	99.54
30.0-31.0	8.54	591.09	1.23	85.26	77.0-78.0	0.11	690.16	0.02	99.55
31.0-32.0	7.92	599.01	1.14	86.40	78.0-79.0	0.09	690.25	0.01	99.56
32.0-33.0	7.33	606.34	1.06	87.46	79.0-80.0	0.07	690.33	0.01	99.58
33.0-34.0	6.78	613.13	0.98	88.44	80.0-81.0	0.06	690.39	0.01	99.58
34.0-35.0	6.27	619.40	0.90	89.34	81.0-82.0	0.05	690.44	0.01	99.59
35.0-36.0	5.79	625.19	0.84	90.18	82.0-83.0	0.04	690.48	0.01	99.60
36.0-37.0	5.34	630.54	0.77	90.95	83.0-84.0	0.03	690.52	0.01	99.60
37.0-38.0	4.93	635.46	0.71	91.66	84.0-85.0	0.03	690.54	0.00	99.61
38.0-39.0	4.56	640.02	0.66	92.32	85.0-86.0	0.02	690.56	0.00	99.61
39.0-40.0	4.22	644.24	0.61	92.93	86.0-87.0	0.01	690.58	0.00	99.61
40.0-41.0	3.92	648.16	0.57	93.49	87.0-88.0	0.01	690.59	0.00	99.61
41.0-42.0	3.61	651.78	0.52	94.01	88.0-89.0	0.00	690.59	0.00	99.61
42.0-43.0	3.30	655.07	0.48	94.49	89.0-90.0	0.00	690.59	0.00	99.61
43.0-44.0	2.99	658.07	0.43	94.92	90.0-91.0	0.00	690.59	0.00	99.61
44.0-45.0	2.71	660.78	0.39	95.31	91.0-92.0	0.00	690.59	0.00	99.61
45.0-46.0	2.42	663.20	0.35	95.66	92.0-93.0	0.00	690.59	0.00	99.61
46.0-47.0	2.15	665.35	0.31	95.97	93.0-94.0	0.00	690.59	0.00	99.61

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	690.59	0.00	99.61	141.0-142.0	0.04	690.71	0.01	99.63
95.0-96.0	0.00	690.59	0.00	99.61	142.0-143.0	0.05	690.75	0.01	99.64
96.0-97.0	0.00	690.59	0.00	99.61	143.0-144.0	0.06	690.81	0.01	99.64
97.0-98.0	0.00	690.59	0.00	99.61	144.0-145.0	0.07	690.87	0.01	99.65
98.0-99.0	0.00	690.59	0.00	99.61	145.0-146.0	0.07	690.95	0.01	99.67
99.0-100.0	0.00	690.59	0.00	99.61	146.0-147.0	0.08	691.03	0.01	99.68
100.0-101.0	0.00	690.59	0.00	99.61	147.0-148.0	0.09	691.11	0.01	99.69
101.0-102.0	0.00	690.59	0.00	99.61	148.0-149.0	0.09	691.21	0.01	99.70
102.0-103.0	0.00	690.59	0.00	99.61	149.0-150.0	0.10	691.30	0.01	99.72
103.0-104.0	0.00	690.59	0.00	99.61	150.0-151.0	0.10	691.40	0.01	99.73
104.0-105.0	0.00	690.59	0.00	99.61	151.0-152.0	0.10	691.50	0.01	99.74
105.0-106.0	0.00	690.59	0.00	99.61	152.0-153.0	0.10	691.60	0.01	99.76
106.0-107.0	0.00	690.59	0.00	99.61	153.0-154.0	0.10	691.71	0.01	99.77
107.0-108.0	0.00	690.59	0.00	99.61	154.0-155.0	0.10	691.81	0.01	99.79
108.0-109.0	0.00	690.59	0.00	99.61	155.0-156.0	0.10	691.91	0.01	99.80
109.0-110.0	0.00	690.59	0.00	99.61	156.0-157.0	0.10	692.01	0.01	99.82
110.0-111.0	0.00	690.59	0.00	99.61	157.0-158.0	0.10	692.11	0.01	99.83
111.0-112.0	0.00	690.59	0.00	99.61	158.0-159.0	0.10	692.21	0.01	99.85
112.0-113.0	0.00	690.59	0.00	99.61	159.0-160.0	0.09	692.30	0.01	99.86
113.0-114.0	0.00	690.59	0.00	99.61	160.0-161.0	0.09	692.39	0.01	99.87
114.0-115.0	0.00	690.59	0.00	99.61	161.0-162.0	0.09	692.48	0.01	99.89
115.0-116.0	0.00	690.59	0.00	99.61	162.0-163.0	0.08	692.56	0.01	99.90
116.0-117.0	0.00	690.59	0.00	99.61	163.0-164.0	0.08	692.64	0.01	99.91
117.0-118.0	0.00	690.59	0.00	99.61	164.0-165.0	0.08	692.72	0.01	99.92
118.0-119.0	0.00	690.59	0.00	99.61	165.0-166.0	0.07	692.79	0.01	99.93
119.0-120.0	0.00	690.59	0.00	99.61	166.0-167.0	0.07	692.86	0.01	99.94
120.0-121.0	0.00	690.59	0.00	99.61	167.0-168.0	0.06	692.92	0.01	99.95
121.0-122.0	0.00	690.59	0.00	99.61	168.0-169.0	0.06	692.98	0.01	99.96
122.0-123.0	0.00	690.59	0.00	99.61	169.0-170.0	0.05	693.03	0.01	99.97
123.0-124.0	0.00	690.59	0.00	99.61	170.0-171.0	0.05	693.08	0.01	99.97
124.0-125.0	0.00	690.59	0.00	99.61	171.0-172.0	0.04	693.12	0.01	99.98
125.0-126.0	0.00	690.59	0.00	99.61	172.0-173.0	0.04	693.16	0.01	99.98
126.0-127.0	0.00	690.59	0.00	99.61	173.0-174.0	0.03	693.19	0.00	99.99
127.0-128.0	0.00	690.59	0.00	99.61	174.0-175.0	0.03	693.21	0.00	99.99
128.0-129.0	0.00	690.59	0.00	99.61	175.0-176.0	0.02	693.24	0.00	100.00
129.0-130.0	0.00	690.59	0.00	99.61	176.0-177.0	0.02	693.25	0.00	100.00
130.0-131.0	0.00	690.59	0.00	99.61	177.0-178.0	0.01	693.26	0.00	100.00
131.0-132.0	0.00	690.59	0.00	99.61	178.0-179.0	0.01	693.27	0.00	100.00
132.0-133.0	0.00	690.59	0.00	99.61	179.0-180.0	0.00	693.27	0.00	100.00
133.0-134.0	0.00	690.59	0.00	99.61					
134.0-135.0	0.00	690.59	0.00	99.61					
135.0-136.0	0.00	690.59	0.00	99.61					
136.0-137.0	0.00	690.60	0.00	99.61					
137.0-138.0	0.01	690.61	0.00	99.62					
138.0-139.0	0.01	690.62	0.00	99.62					
139.0-140.0	0.02	690.64	0.00	99.62					
140.0-141.0	0.03	690.67	0.00	99.62					

Rectangle ISO Lighting Intensity Diagram

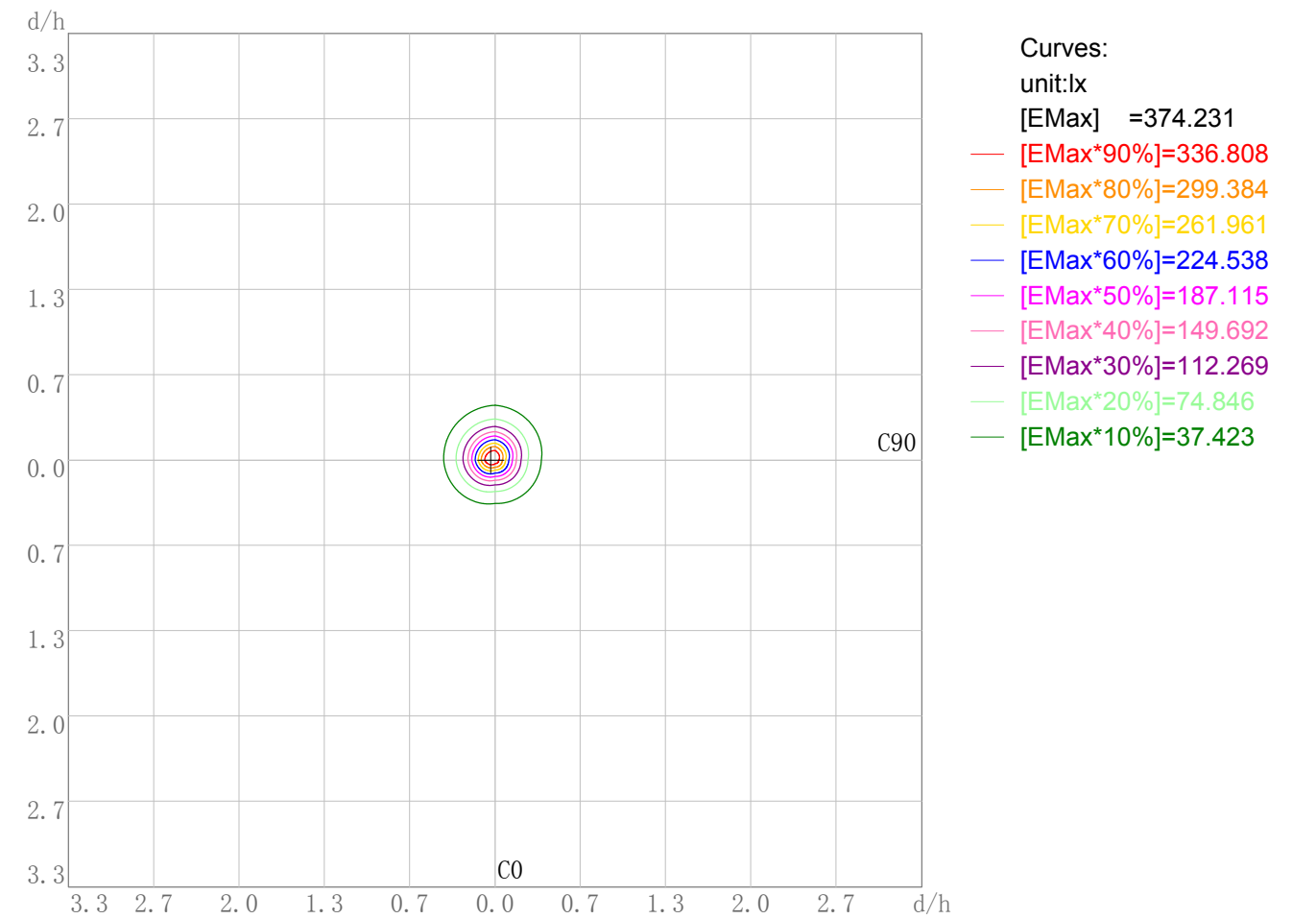
Lum. Name: SD09-09-XX-04 3000K RA90 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/11/15



Plane ISO-Illuminance Diagram

Lum. Name: SD09-09-XX-04 3000K RA90 15D	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: 2021/11/15

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 374.23

Working Plane Maximum Illuminance Position(d/h):H-0.0 V-0.0

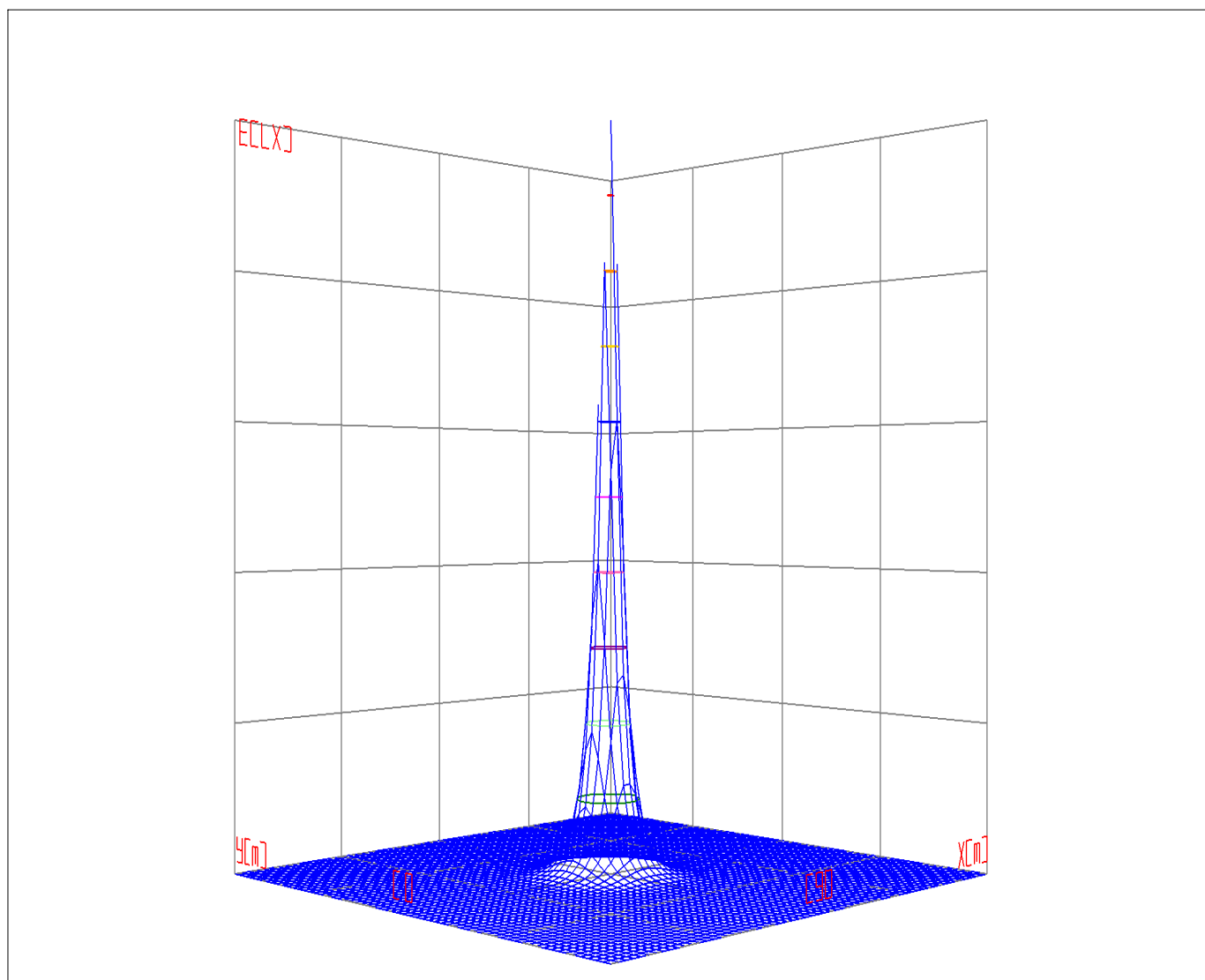
# IES Indoor Report

Photometric Filename:SD09-09-XX-04 3000K RA90 15D.IES

## 3D Plane ISO Illuminance Diagram

Lum. Name: SD09-09-XX-04 3000K RA90 15D	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: 2021/11/15

## 3D Plane Illuminance Modal



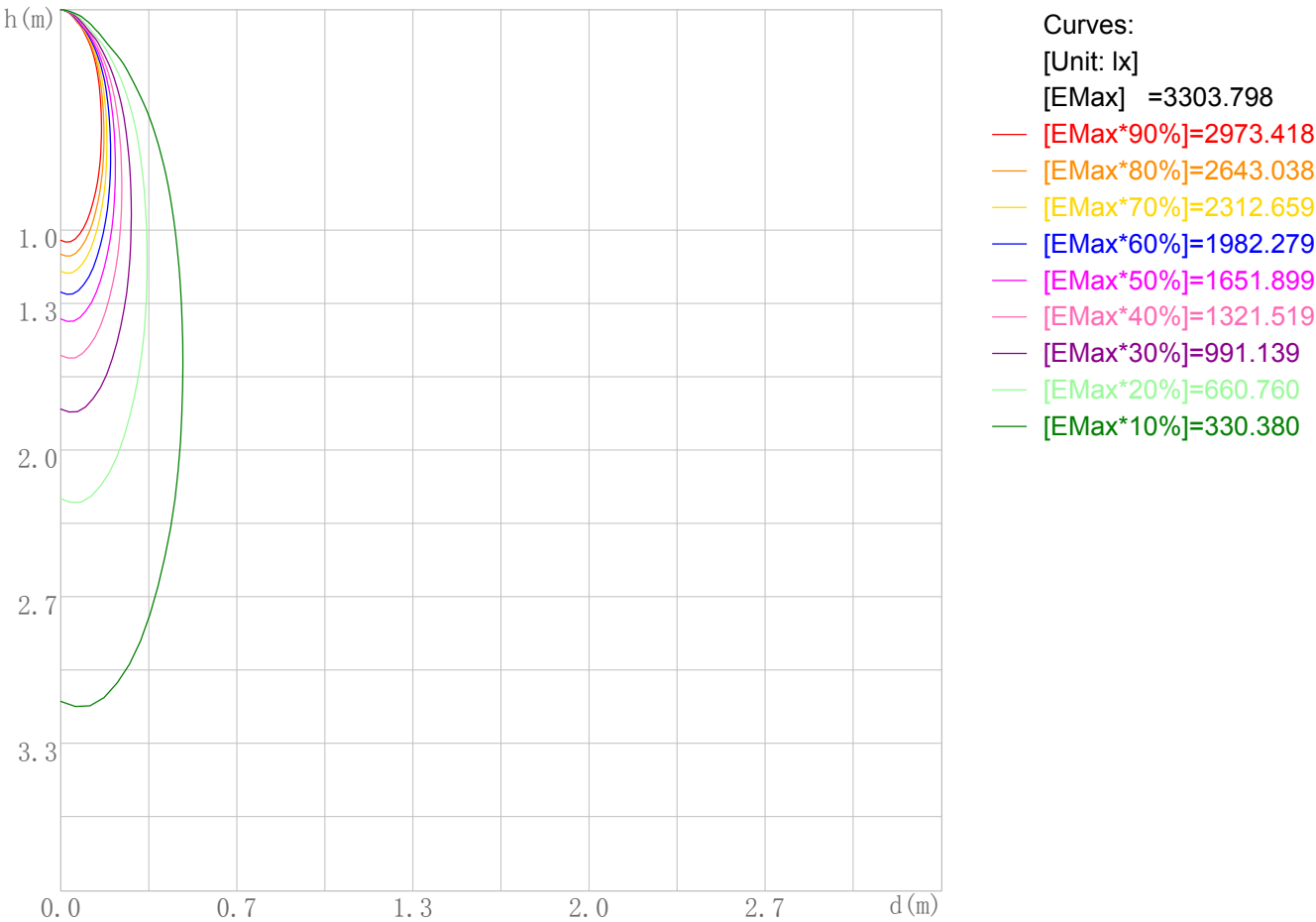
Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0



Space ISO Illuminance Diagram

Lum. Name: SD09-09-XX-04 3000K RA90 15D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Deparment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/11/15

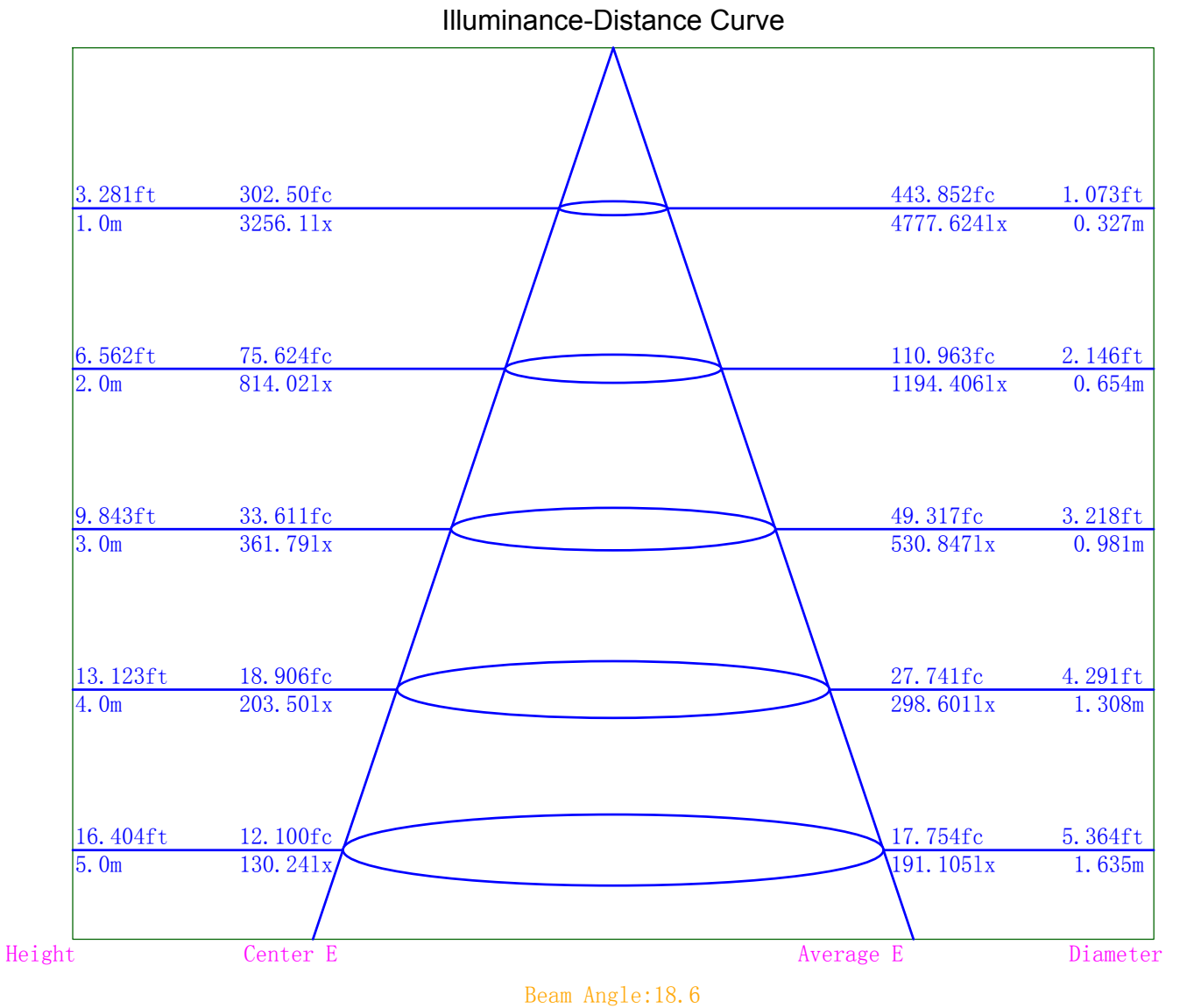
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:3303.80lx,1.0deg  
Plane Maximum Lighting Intensity and @Angle:3305.308cd,0deg

Illuminance-Distance Diagram

Lum. Name: SD09-09-XX-04 3000K RA90 15D	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: 2021/11/15



Indoor Luminance Limiting Curves

Lum. Name: SD09-09-XX-04 3000K RA90 15D	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: 2021/11/15

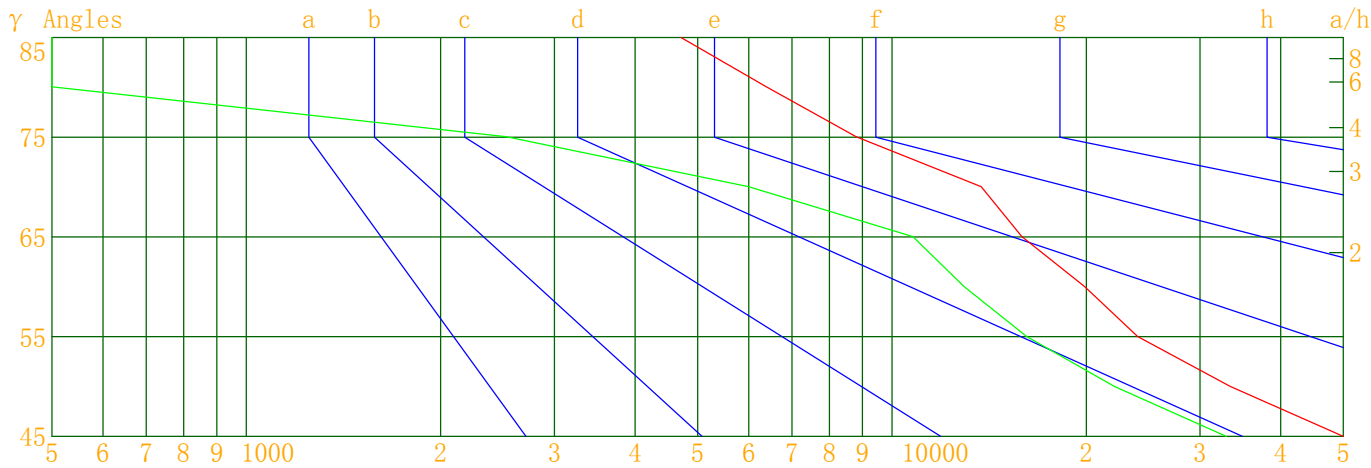
Glare Grade Table

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	59812	33420	24015	19875	15892	13746	8800	6388	4714
C90	32936	22104	16169	12933	10770	5997	2528	0	0

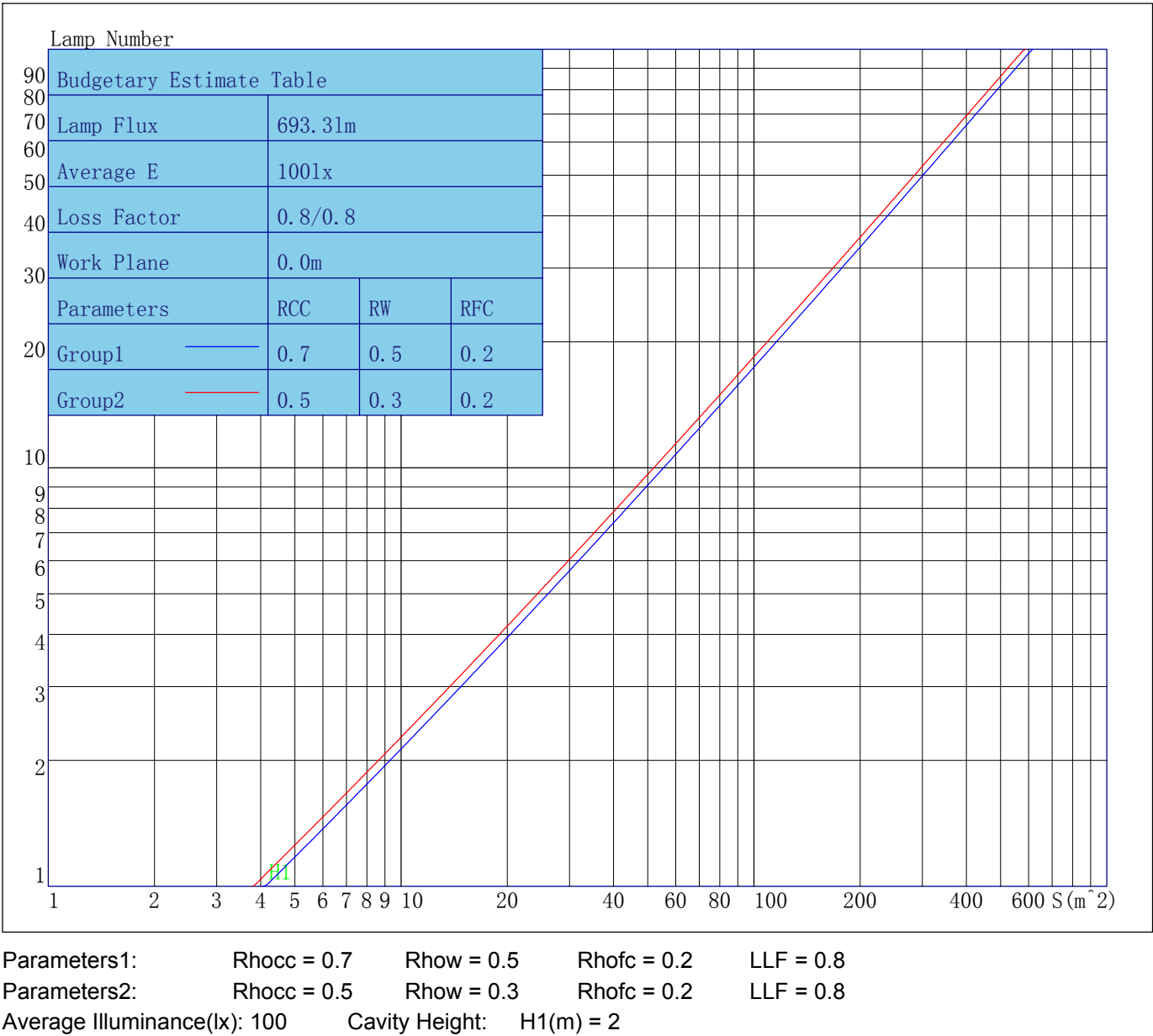
Luminance Limiting Curve



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-04 3000K RA90 15D	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: 2021/11/15



Indoor Coefficient of Utilization Table

Lum. Name: SD09-09-XX-04 3000K RA90 15D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Deparment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/11/15

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	100	98	98	97	95
2	110	106	102	99	108	104	101	98	101	98	96	98	96	94	95	93	92	90
3	105	100	96	93	104	99	95	92	96	93	90	94	91	89	92	89	88	86
4	101	95	91	87	100	94	90	87	92	88	86	90	87	85	88	86	84	82
5	98	91	86	83	96	90	86	82	88	84	82	87	83	81	85	82	80	79
6	94	87	82	79	93	86	82	79	85	81	78	84	80	77	82	79	77	76
7	91	84	79	75	90	83	78	75	82	78	75	81	77	74	80	76	74	73
8	88	80	76	72	87	80	75	72	79	75	72	78	74	72	77	74	71	70
9	85	78	73	70	84	77	73	70	76	72	69	75	72	69	75	71	69	68
10	83	75	70	67	82	75	70	67	74	70	67	73	70	67	73	69	67	66

Unified Glare Rating Table

Lum. Name: SD09-09-XX-04 3000K RA90 15D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Deparment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/11/15

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	20.4	21.5	20.8	21.8	22.2	18.1	19.2	18.5	19.5	19.8
	20.6	21.5	21.0	21.9	22.3	18.1	19.1	18.5	19.4	19.8
	20.6	21.5	21.0	21.8	22.2	18.0	19.0	18.5	19.3	19.7
	20.5	21.3	20.9	21.7	22.1	17.9	18.8	18.4	19.2	19.6
	20.5	21.3	20.9	21.7	22.1	17.9	18.7	18.3	19.1	19.5
	20.4	21.2	20.9	21.6	22.0	17.8	18.6	18.3	19.0	19.4
X=4H    Y=2H	20.3	21.2	20.7	21.6	22.0	18.0	18.9	18.4	19.3	19.7
	20.5	21.3	20.9	21.7	22.1	18.1	18.9	18.5	19.3	19.7
	20.5	21.2	21.0	21.6	22.1	18.0	18.7	18.5	19.2	19.6
	20.5	21.1	21.0	21.6	22.0	17.9	18.5	18.4	19.0	19.5
	20.4	21.0	20.9	21.5	22.0	17.8	18.4	18.3	18.9	19.4
	20.4	20.9	20.9	21.4	21.9	17.8	18.3	18.3	18.8	19.3
X=8H    Y=4H	20.4	21.0	20.9	21.4	21.9	17.9	18.5	18.4	18.9	19.4
	20.4	20.9	20.9	21.4	21.9	17.8	18.3	18.3	18.8	19.3
	20.3	20.8	20.8	21.3	21.8	17.7	18.1	18.2	18.7	19.2
	20.3	20.7	20.8	21.2	21.8	17.6	18.0	18.2	18.5	19.1
X=12H    Y=4H	20.3	20.9	20.8	21.3	21.8	17.8	18.4	18.3	18.8	19.3
	20.3	20.8	20.8	21.2	21.8	17.7	18.2	18.2	18.6	19.2
	20.3	20.7	20.8	21.2	21.8	17.6	18.0	18.2	18.6	19.1
Variations with the objerver position at spacings										
S=1.0H	0.6/-0.7					1.8/-2.6				
S=1.5H	1.5/-1.6					2.9/-4.6				
S=2.0H	2.2/-2.9					3.9/-7.0				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	0.5					0.3				

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-04 3000K RA90 15D.IES

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Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	3256.07	3256.07	3256.07	3256.07
γ 1.0	3305.31	3144.95	3124.93	3362.52
γ 2.0	3304.81	2968.28	2949.72	3374.24
γ 3.0	3233.21	2757.44	2729.87	3310.92
γ 4.0	3105.76	2525.53	2469.60	3184.56
γ 5.0	2949.29	2293.95	2218.53	3005.52
γ 6.0	2759.07	2069.14	1985.21	2798.20
γ 7.0	2547.33	1859.61	1763.24	2552.53
γ 8.0	2329.22	1655.62	1556.15	2299.57
γ 9.0	2116.73	1465.97	1367.74	2059.06
γ 10.0	1916.80	1286.26	1195.97	1837.23
γ 11.0	1724.95	1127.63	1044.44	1630.16
γ 12.0	1543.06	989.97	914.29	1438.61
γ 13.0	1373.98	874.20	800.16	1267.99
γ 14.0	1220.44	773.73	700.92	1120.06
γ 15.0	1085.22	687.86	616.61	986.34
γ 16.0	965.92	612.97	543.80	870.55
γ 17.0	859.83	548.44	480.84	767.30
γ 18.0	766.67	491.24	425.53	676.39
γ 19.0	685.48	441.75	378.32	596.58
γ 20.0	613.86	397.34	337.64	527.47
γ 21.0	550.35	358.29	302.23	467.59
γ 22.0	494.36	323.66	271.22	415.85
γ 23.0	444.65	292.41	242.99	371.18
γ 24.0	400.94	264.54	216.93	332.29
γ 25.0	362.44	238.39	193.94	298.20
γ 26.0	328.28	215.57	173.55	267.72
γ 27.0	297.29	194.79	155.46	238.88
γ 28.0	268.58	176.09	139.01	213.51
γ 29.0	242.79	158.85	124.25	191.43
γ 30.0	219.81	143.21	111.28	171.88
γ 31.0	199.00	129.29	99.57	154.17
γ 32.0	179.97	116.64	89.06	138.28
γ 33.0	162.94	105.14	79.37	124.51
γ 34.0	147.45	94.18	71.05	112.11
γ 35.0	133.48	84.56	63.85	101.14
γ 36.0	120.16	76.17	57.80	90.74
γ 37.0	107.54	68.89	52.61	81.35
γ 38.0	96.37	62.44	47.93	73.26
γ 39.0	86.88	56.74	43.88	66.35
γ 40.0	78.53	51.55	40.25	60.32
γ 41.0	71.08	46.85	36.55	55.10
γ 42.0	64.54	41.56	31.60	50.55
γ 43.0	58.75	35.46	26.94	46.45
γ 44.0	53.47	30.27	23.53	42.52
γ 45.0	47.97	26.41	21.08	36.93
γ 46.0	41.02	23.43	19.09	31.68

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	34.85	21.04	17.51	27.74
γ 48.0	30.33	19.11	16.21	24.82
γ 49.0	26.96	17.52	15.07	22.36
γ 50.0	24.36	16.11	13.98	20.46
γ 51.0	22.33	14.72	12.69	18.91
γ 52.0	20.61	13.14	11.51	17.60
γ 53.0	19.11	12.10	10.74	16.35
γ 54.0	17.52	11.22	10.07	14.94
γ 55.0	15.62	10.52	9.57	13.52
γ 56.0	14.35	9.92	9.14	12.57
γ 57.0	13.36	9.35	8.68	11.82
γ 58.0	12.60	8.73	8.14	11.26
γ 59.0	11.90	8.03	7.50	10.73
γ 60.0	11.27	7.33	6.91	10.20
γ 61.0	10.52	6.74	6.41	9.56
γ 62.0	9.71	6.22	6.06	8.82
γ 63.0	8.85	5.84	5.76	8.15
γ 64.0	8.21	5.53	5.45	7.65
γ 65.0	7.62	5.16	5.12	7.28
γ 66.0	7.21	4.73	4.69	6.94
γ 67.0	6.85	4.12	4.10	6.60
γ 68.0	6.44	3.38	3.40	6.23
γ 69.0	5.97	2.79	2.85	5.78
γ 70.0	5.33	2.33	2.37	5.14
γ 71.0	4.55	1.90	1.96	4.42
γ 72.0	3.92	1.54	1.58	3.84
γ 73.0	3.42	1.23	1.26	3.35
γ 74.0	2.98	0.96	0.99	2.91
γ 75.0	2.58	0.74	0.76	2.52
γ 76.0	2.25	0.53	0.56	2.17
γ 77.0	1.95	0.36	0.38	1.88
γ 78.0	1.68	0.19	0.21	1.62
γ 79.0	1.46	0.06	0.07	1.39
γ 80.0	1.26	0.00	0.00	1.19
γ 81.0	1.07	0.00	0.00	1.00
γ 82.0	0.90	0.00	0.00	0.83
γ 83.0	0.75	0.00	0.00	0.68
γ 84.0	0.60	0.00	0.00	0.54
γ 85.0	0.47	0.00	0.00	0.41
γ 86.0	0.35	0.00	0.00	0.29
γ 87.0	0.24	0.00	0.00	0.18
γ 88.0	0.15	0.00	0.00	0.07
γ 89.0	0.05	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	0.03	0.00
γ 136.0	0.00	0.00	0.18	0.00
γ 137.0	0.00	0.00	0.34	0.00
γ 138.0	0.00	0.00	0.51	0.01
γ 139.0	0.00	0.03	0.69	0.16
γ 140.0	0.00	0.19	0.87	0.31

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Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	0.00	0.36	1.05	0.47
γ 142.0	0.10	0.53	1.22	0.63
γ 143.0	0.26	0.70	1.37	0.81
γ 144.0	0.42	0.86	1.53	0.97
γ 145.0	0.59	1.01	1.68	1.14
γ 146.0	0.76	1.17	1.82	1.29
γ 147.0	0.93	1.29	1.94	1.43
γ 148.0	1.08	1.43	2.05	1.57
γ 149.0	1.24	1.55	2.14	1.71
γ 150.0	1.38	1.65	2.23	1.83
γ 151.0	1.52	1.75	2.32	1.94
γ 152.0	1.64	1.84	2.38	2.03
γ 153.0	1.77	1.91	2.45	2.12
γ 154.0	1.87	1.97	2.51	2.20
γ 155.0	1.97	2.03	2.57	2.27
γ 156.0	2.07	2.09	2.61	2.33
γ 157.0	2.15	2.13	2.65	2.37
γ 158.0	2.23	2.17	2.69	2.42
γ 159.0	2.29	2.22	2.71	2.46
γ 160.0	2.35	2.26	2.74	2.50
γ 161.0	2.41	2.29	2.77	2.53
γ 162.0	2.45	2.32	2.76	2.56
γ 163.0	2.51	2.37	2.77	2.59
γ 164.0	2.55	2.38	2.78	2.62
γ 165.0	2.58	2.40	2.76	2.63
γ 166.0	2.63	2.42	2.77	2.66
γ 167.0	2.64	2.44	2.75	2.67
γ 168.0	2.67	2.45	2.73	2.68
γ 169.0	2.68	2.45	2.71	2.69
γ 170.0	2.69	2.45	2.68	2.69
γ 171.0	2.68	2.43	2.65	2.69
γ 172.0	2.67	2.42	2.62	2.68
γ 173.0	2.64	2.40	2.57	2.66
γ 174.0	2.64	2.38	2.54	2.64
γ 175.0	2.60	2.39	2.50	2.63
γ 176.0	2.58	2.38	2.47	2.61
γ 177.0	2.55	2.41	2.46	2.60
γ 178.0	2.52	2.42	2.45	2.58
γ 179.0	2.50	2.44	2.47	2.56
γ 180.0	2.49	2.49	2.49	2.49