

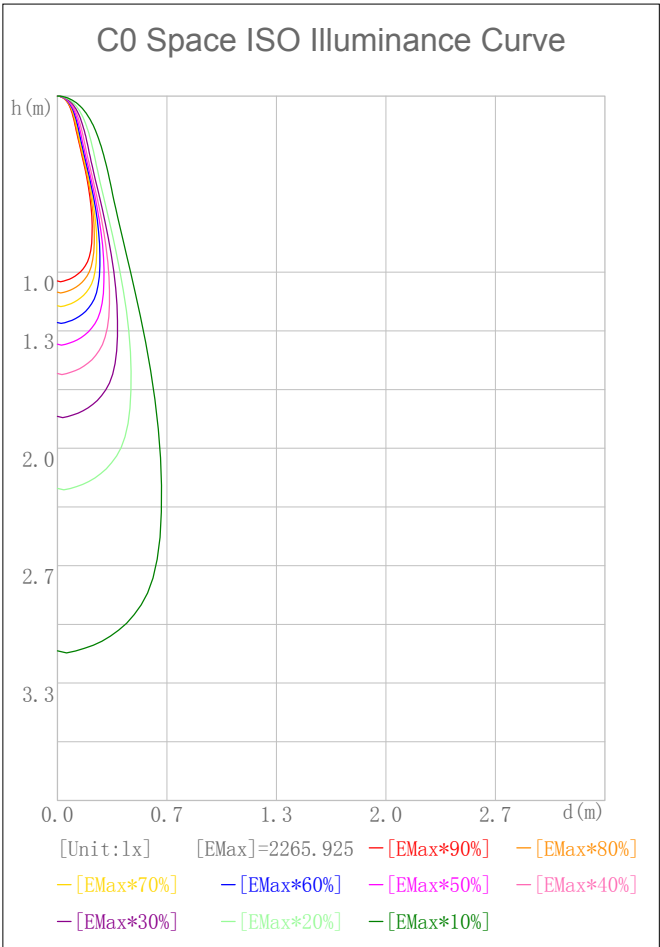
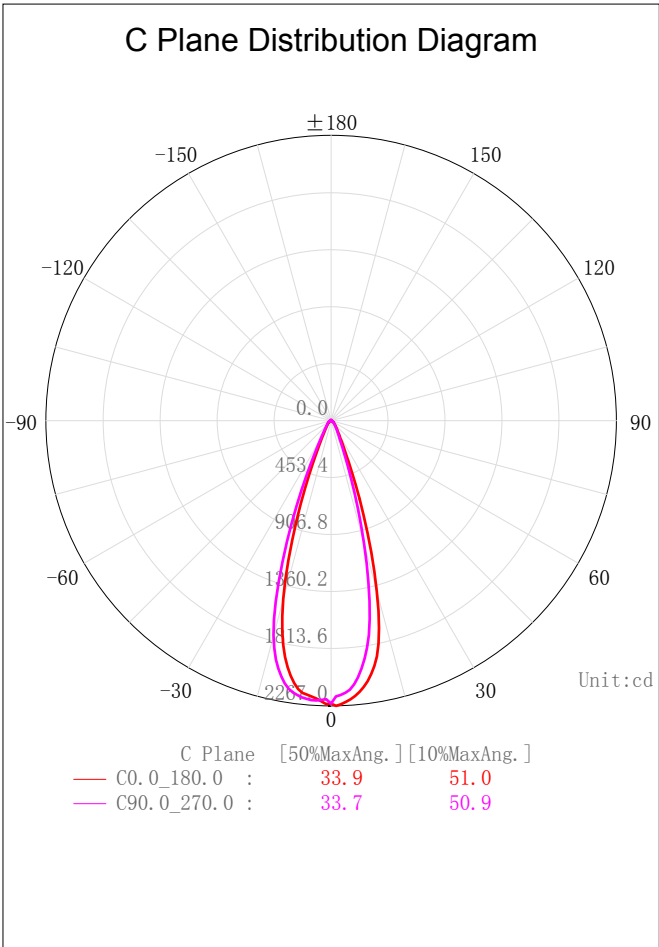
Indoor Luminaire Photometric Data

Description Information

Luminary Name:DL52-09-XX-01 4000K RA90 36D		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):0.076m*-0.076m*0.000m		Lum. Area (m2):0.005	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

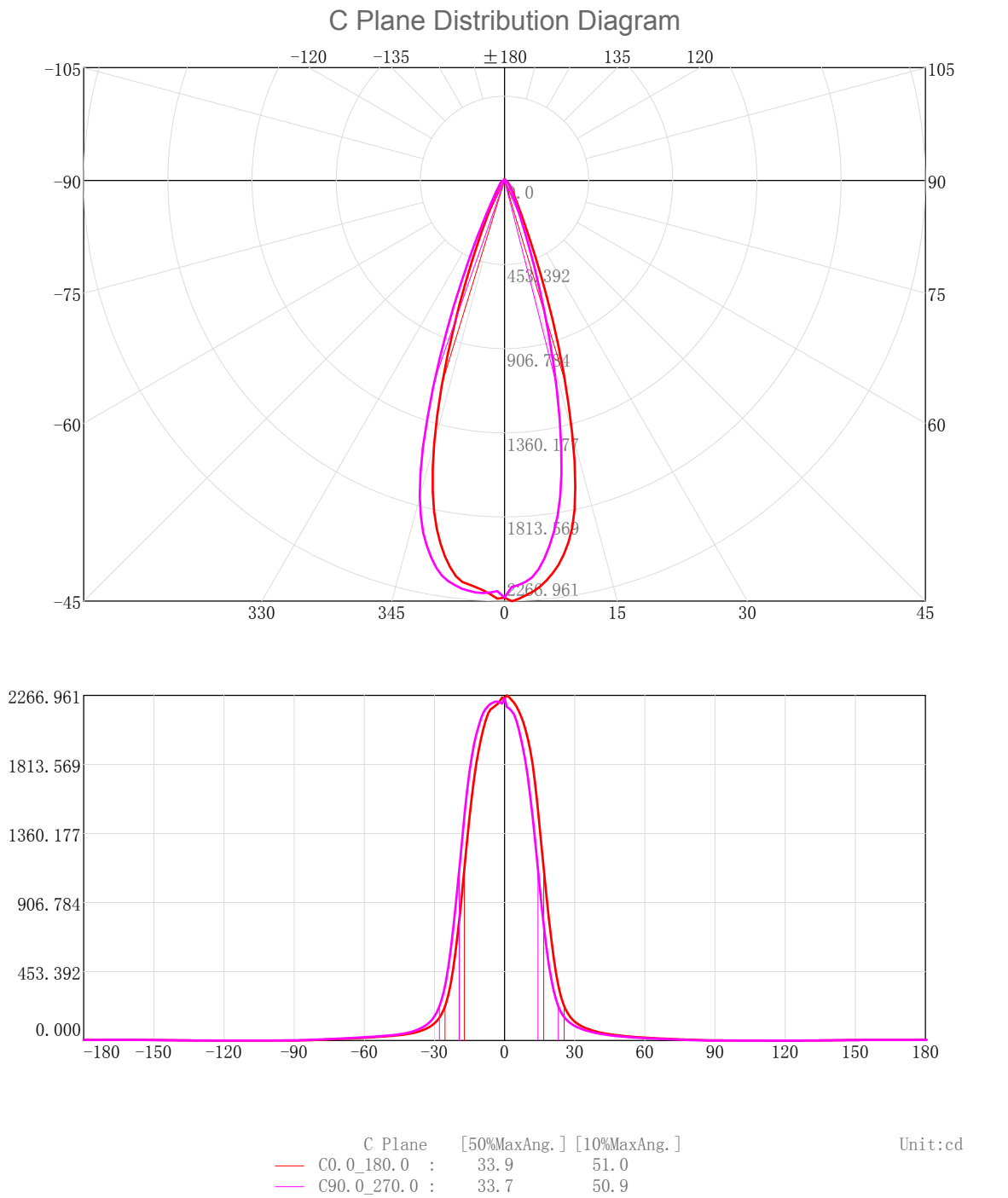
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 847.380	Luminary Flux(lm): 847.385	Field Angle(10%Imax): 51.0(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 838.327lm 98.93%	
Rated Voltage(V):	Luminary EER(lm/W): 95.598	Up Lumens&Percent: 9.058lm 1.07%	
Tested Power(W): 8.864	Max. Candela(cd): 2266.961	S/MH: C0_a180=0.577 C90_270=0.571	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):241.1, 0.040, 0.899	Beam Angle(50%Imax): 33.9(°)	ErP ϕ use(90°): 747.083lm	
Lamp Size (W*L*H):0.076m*-0.076m*0.000m	Left=-17.2°, Right=16.7°	IRF(%): 594.187	



2D Plane Light Intensity Distribution Curve

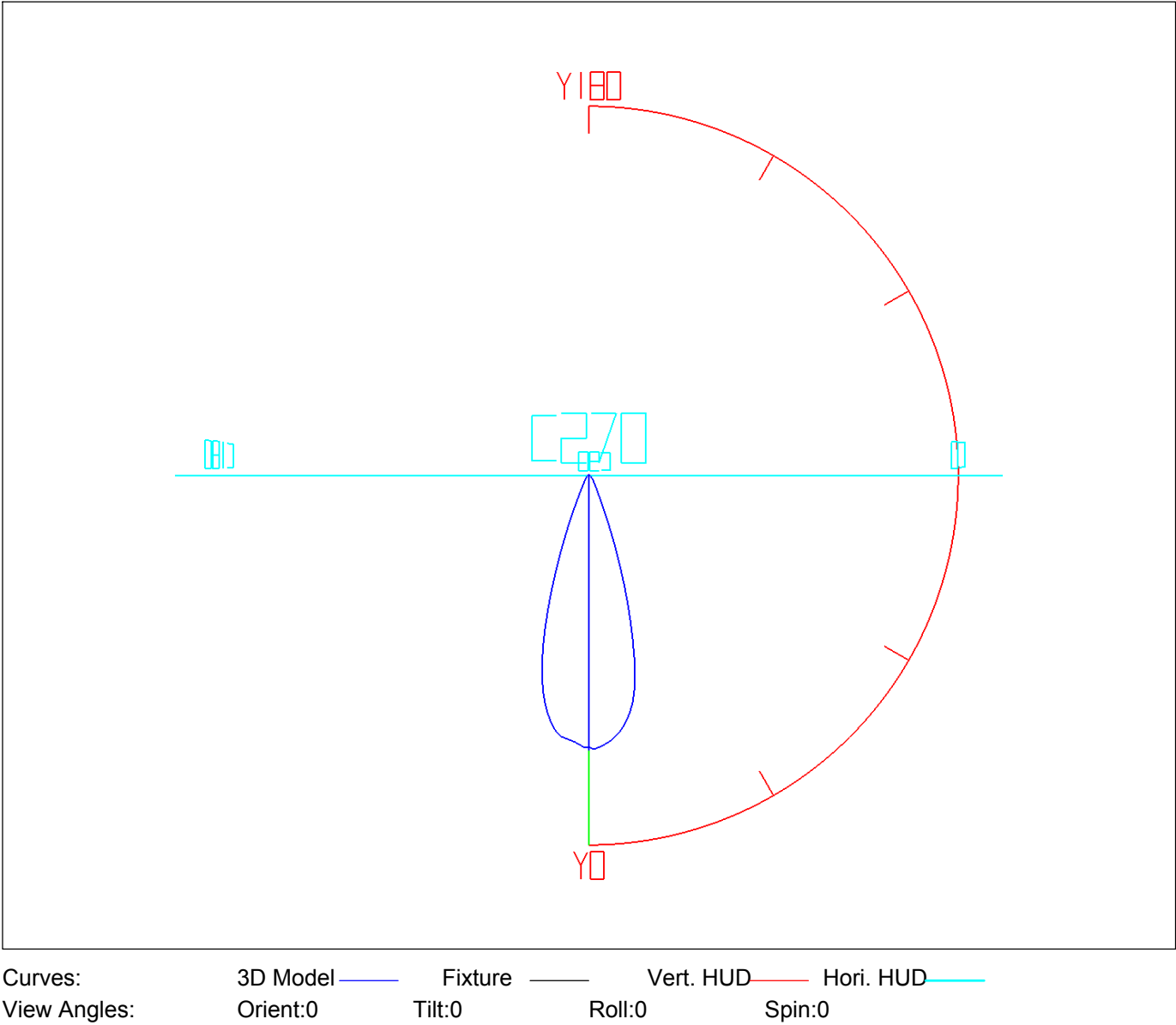
Lum. Name: DL52-09-XX-01 4000K RA90 36D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28



3D Light Intensity Distribution Modal

Lum. Name: DL52-09-XX-01 4000K 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: 2021/10/28

3D Light Intensity Distribution Modal



Zonal Flux Tabulation

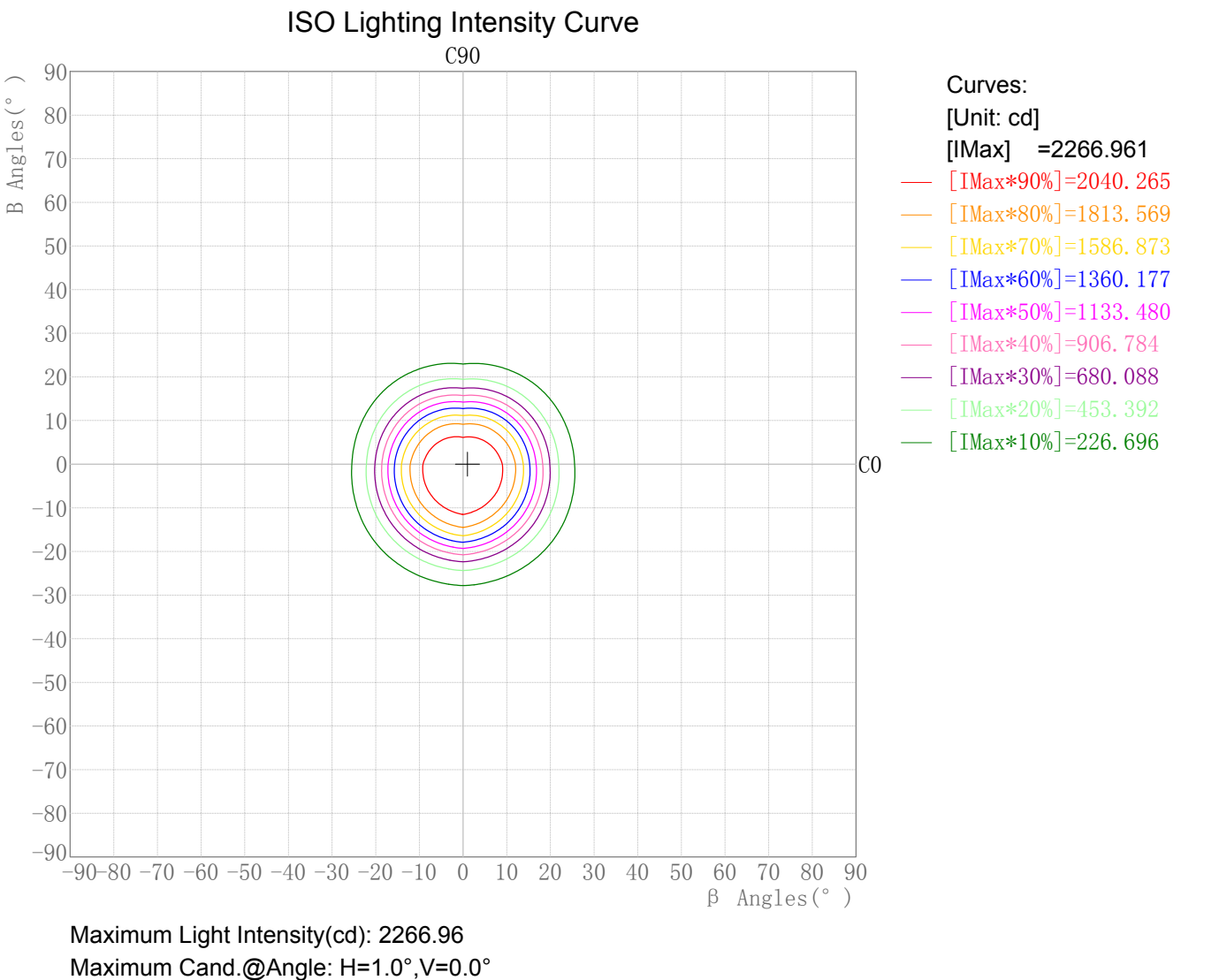
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	2.14	2.14	0.25	0.25	47.0-48.0	2.77	784.30	0.33	92.56
1.0-2.0	6.39	8.53	0.75	1.01	48.0-49.0	2.68	786.98	0.32	92.87
2.0-3.0	10.60	19.13	1.25	2.26	49.0-50.0	2.60	789.58	0.31	93.18
3.0-4.0	14.75	33.88	1.74	4.00	50.0-51.0	2.52	792.09	0.30	93.48
4.0-5.0	18.81	52.69	2.22	6.22	51.0-52.0	2.44	794.53	0.29	93.76
5.0-6.0	22.74	75.43	2.68	8.90	52.0-53.0	2.36	796.89	0.28	94.04
6.0-7.0	26.48	101.90	3.12	12.03	53.0-54.0	2.28	799.18	0.27	94.31
7.0-8.0	29.96	131.87	3.54	15.56	54.0-55.0	2.21	801.39	0.26	94.57
8.0-9.0	33.15	165.02	3.91	19.47	55.0-56.0	2.14	803.52	0.25	94.82
9.0-10.0	35.95	200.97	4.24	23.72	56.0-57.0	2.06	805.58	0.24	95.07
10.0-11.0	38.25	239.22	4.51	28.23	57.0-58.0	1.99	807.58	0.24	95.30
11.0-12.0	39.94	279.17	4.71	32.94	58.0-59.0	1.93	809.50	0.23	95.53
12.0-13.0	40.95	320.11	4.83	37.78	59.0-60.0	1.86	811.36	0.22	95.75
13.0-14.0	41.19	361.30	4.86	42.64	60.0-61.0	1.79	813.15	0.21	95.96
14.0-15.0	40.61	401.92	4.79	47.43	61.0-62.0	1.73	814.88	0.20	96.17
15.0-16.0	39.25	441.16	4.63	52.06	62.0-63.0	1.66	816.55	0.20	96.36
16.0-17.0	37.19	478.35	4.39	56.45	63.0-64.0	1.60	818.15	0.19	96.55
17.0-18.0	34.51	512.86	4.07	60.52	64.0-65.0	1.54	819.68	0.18	96.73
18.0-19.0	31.34	544.20	3.70	64.22	65.0-66.0	1.47	821.16	0.17	96.91
19.0-20.0	27.96	572.16	3.30	67.52	66.0-67.0	1.41	822.56	0.17	97.07
20.0-21.0	24.54	596.70	2.90	70.42	67.0-68.0	1.34	823.91	0.16	97.23
21.0-22.0	21.24	617.94	2.51	72.92	68.0-69.0	1.28	825.19	0.15	97.38
22.0-23.0	18.20	636.14	2.15	75.07	69.0-70.0	1.22	826.41	0.14	97.52
23.0-24.0	15.53	651.67	1.83	76.90	70.0-71.0	1.15	827.56	0.14	97.66
24.0-25.0	13.27	664.93	1.57	78.47	71.0-72.0	1.09	828.65	0.13	97.79
25.0-26.0	11.41	676.35	1.35	79.82	72.0-73.0	1.03	829.68	0.12	97.91
26.0-27.0	9.93	686.27	1.17	80.99	73.0-74.0	0.97	830.65	0.11	98.03
27.0-28.0	8.75	695.03	1.03	82.02	74.0-75.0	0.90	831.55	0.11	98.13
28.0-29.0	7.83	702.86	0.92	82.94	75.0-76.0	0.84	832.39	0.10	98.23
29.0-30.0	7.10	709.95	0.84	83.78	76.0-77.0	0.78	833.17	0.09	98.32
30.0-31.0	6.50	716.46	0.77	84.55	77.0-78.0	0.72	833.88	0.08	98.41
31.0-32.0	6.01	722.47	0.71	85.26	78.0-79.0	0.66	834.54	0.08	98.48
32.0-33.0	5.60	728.07	0.66	85.92	79.0-80.0	0.60	835.14	0.07	98.56
33.0-34.0	5.24	733.30	0.62	86.54	80.0-81.0	0.54	835.68	0.06	98.62
34.0-35.0	4.92	738.22	0.58	87.12	81.0-82.0	0.49	836.17	0.06	98.68
35.0-36.0	4.64	742.86	0.55	87.67	82.0-83.0	0.43	836.60	0.05	98.73
36.0-37.0	4.39	747.25	0.52	88.18	83.0-84.0	0.37	836.97	0.04	98.77
37.0-38.0	4.16	751.41	0.49	88.68	84.0-85.0	0.32	837.29	0.04	98.81
38.0-39.0	3.95	755.37	0.47	89.14	85.0-86.0	0.27	837.57	0.03	98.84
39.0-40.0	3.77	759.13	0.44	89.59	86.0-87.0	0.23	837.80	0.03	98.87
40.0-41.0	3.60	762.73	0.42	90.01	87.0-88.0	0.20	838.00	0.02	98.89
41.0-42.0	3.44	766.18	0.41	90.42	88.0-89.0	0.17	838.17	0.02	98.91
42.0-43.0	3.31	769.48	0.39	90.81	89.0-90.0	0.15	838.33	0.02	98.93
43.0-44.0	3.18	772.66	0.38	91.18	90.0-91.0	0.14	838.47	0.02	98.95
44.0-45.0	3.06	775.72	0.36	91.54	91.0-92.0	0.13	838.59	0.02	98.96
45.0-46.0	2.96	778.68	0.35	91.89	92.0-93.0	0.12	838.71	0.01	98.98
46.0-47.0	2.86	781.54	0.34	92.23	93.0-94.0	0.11	838.83	0.01	98.99

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	0.11	838.93	0.01	99.00	141.0-142.0	0.16	841.97	0.02	99.36
95.0-96.0	0.10	839.03	0.01	99.02	142.0-143.0	0.17	842.14	0.02	99.38
96.0-97.0	0.09	839.13	0.01	99.03	143.0-144.0	0.18	842.32	0.02	99.40
97.0-98.0	0.09	839.22	0.01	99.04	144.0-145.0	0.19	842.51	0.02	99.42
98.0-99.0	0.08	839.30	0.01	99.05	145.0-146.0	0.19	842.70	0.02	99.45
99.0-100.0	0.08	839.38	0.01	99.06	146.0-147.0	0.20	842.90	0.02	99.47
100.0-101.0	0.07	839.45	0.01	99.06	147.0-148.0	0.20	843.10	0.02	99.49
101.0-102.0	0.07	839.52	0.01	99.07	148.0-149.0	0.20	843.30	0.02	99.52
102.0-103.0	0.06	839.58	0.01	99.08	149.0-150.0	0.21	843.51	0.02	99.54
103.0-104.0	0.06	839.64	0.01	99.09	150.0-151.0	0.21	843.72	0.02	99.57
104.0-105.0	0.06	839.70	0.01	99.09	151.0-152.0	0.21	843.93	0.02	99.59
105.0-106.0	0.05	839.75	0.01	99.10	152.0-153.0	0.21	844.13	0.02	99.62
106.0-107.0	0.05	839.80	0.01	99.10	153.0-154.0	0.21	844.34	0.02	99.64
107.0-108.0	0.04	839.84	0.01	99.11	154.0-155.0	0.21	844.55	0.02	99.67
108.0-109.0	0.04	839.88	0.00	99.11	155.0-156.0	0.20	844.76	0.02	99.69
109.0-110.0	0.04	839.92	0.00	99.12	156.0-157.0	0.20	844.96	0.02	99.71
110.0-111.0	0.04	839.95	0.00	99.12	157.0-158.0	0.20	845.15	0.02	99.74
111.0-112.0	0.03	839.99	0.00	99.13	158.0-159.0	0.19	845.35	0.02	99.76
112.0-113.0	0.03	840.02	0.00	99.13	159.0-160.0	0.19	845.53	0.02	99.78
113.0-114.0	0.03	840.05	0.00	99.13	160.0-161.0	0.18	845.71	0.02	99.80
114.0-115.0	0.03	840.08	0.00	99.14	161.0-162.0	0.17	845.88	0.02	99.82
115.0-116.0	0.03	840.10	0.00	99.14	162.0-163.0	0.16	846.04	0.02	99.84
116.0-117.0	0.03	840.13	0.00	99.14	163.0-164.0	0.15	846.20	0.02	99.86
117.0-118.0	0.03	840.15	0.00	99.15	164.0-165.0	0.14	846.34	0.02	99.88
118.0-119.0	0.02	840.18	0.00	99.15	165.0-166.0	0.14	846.48	0.02	99.89
119.0-120.0	0.03	840.20	0.00	99.15	166.0-167.0	0.13	846.60	0.01	99.91
120.0-121.0	0.03	840.23	0.00	99.16	167.0-168.0	0.12	846.72	0.01	99.92
121.0-122.0	0.03	840.26	0.00	99.16	168.0-169.0	0.11	846.82	0.01	99.93
122.0-123.0	0.03	840.28	0.00	99.16	169.0-170.0	0.10	846.92	0.01	99.95
123.0-124.0	0.03	840.31	0.00	99.17	170.0-171.0	0.09	847.01	0.01	99.96
124.0-125.0	0.03	840.35	0.00	99.17	171.0-172.0	0.08	847.09	0.01	99.97
125.0-126.0	0.04	840.38	0.00	99.17	172.0-173.0	0.07	847.16	0.01	99.97
126.0-127.0	0.04	840.42	0.00	99.18	173.0-174.0	0.06	847.22	0.01	99.98
127.0-128.0	0.05	840.47	0.01	99.18	174.0-175.0	0.05	847.27	0.01	99.99
128.0-129.0	0.05	840.52	0.01	99.19	175.0-176.0	0.04	847.31	0.00	99.99
129.0-130.0	0.06	840.58	0.01	99.20	176.0-177.0	0.03	847.34	0.00	100.00
130.0-131.0	0.07	840.64	0.01	99.21	177.0-178.0	0.02	847.37	0.00	100.00
131.0-132.0	0.07	840.72	0.01	99.21	178.0-179.0	0.01	847.38	0.00	100.00
132.0-133.0	0.08	840.80	0.01	99.22	179.0-180.0	0.00	847.38	0.00	100.00
133.0-134.0	0.09	840.89	0.01	99.23					
134.0-135.0	0.10	841.00	0.01	99.25					
135.0-136.0	0.11	841.11	0.01	99.26					
136.0-137.0	0.12	841.23	0.01	99.27					
137.0-138.0	0.13	841.36	0.02	99.29					
138.0-139.0	0.14	841.50	0.02	99.31					
139.0-140.0	0.15	841.65	0.02	99.32					
140.0-141.0	0.16	841.80	0.02	99.34					

Rectangle ISO Lighting Intensity Diagram

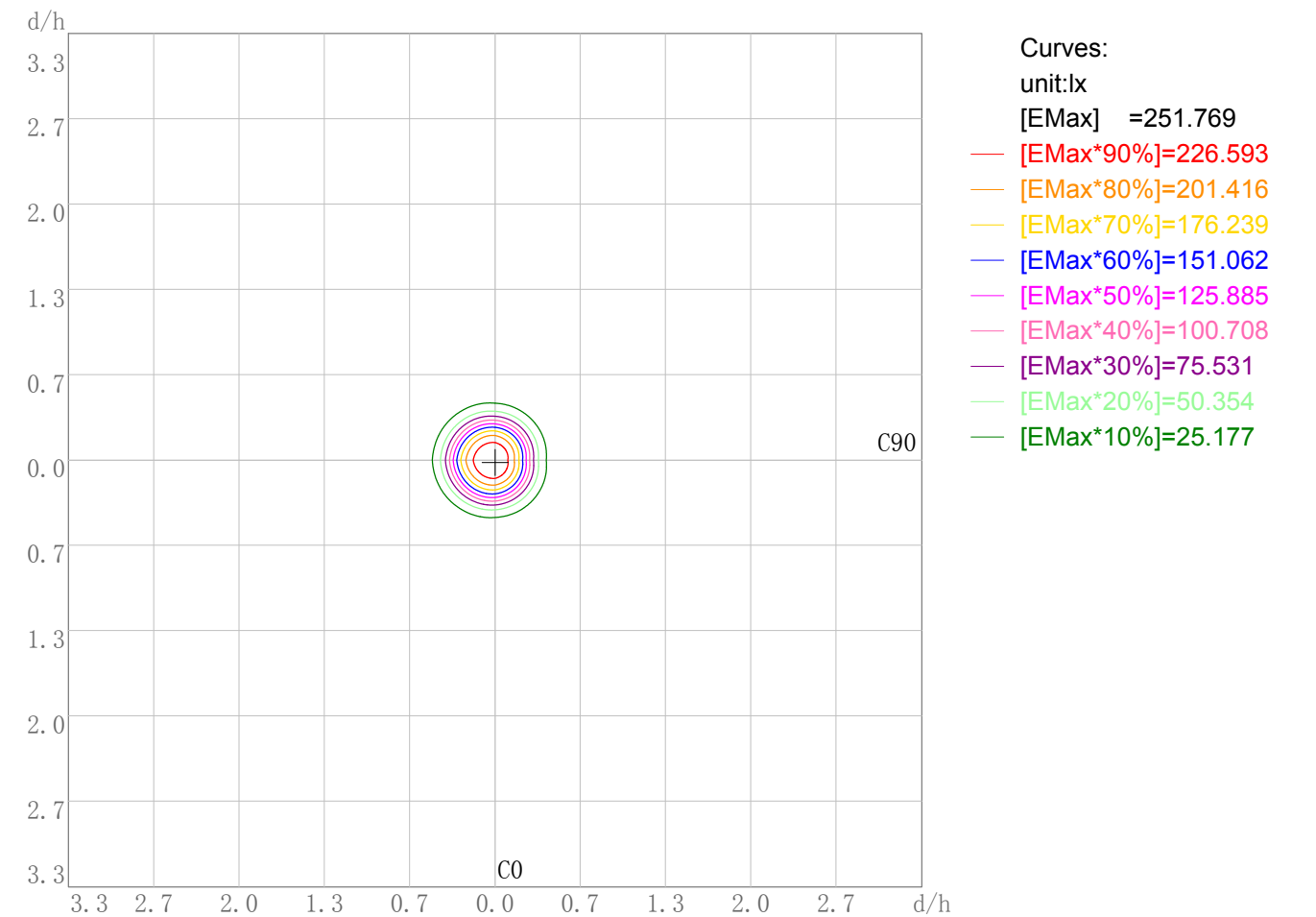
Lum. Name: DL52-09-XX-01 4000K RA90 36D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28



Plane ISO-Illuminance Diagram

Lum. Name: DL52-09-XX-01 4000K 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: 2021/10/28

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 251.77
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

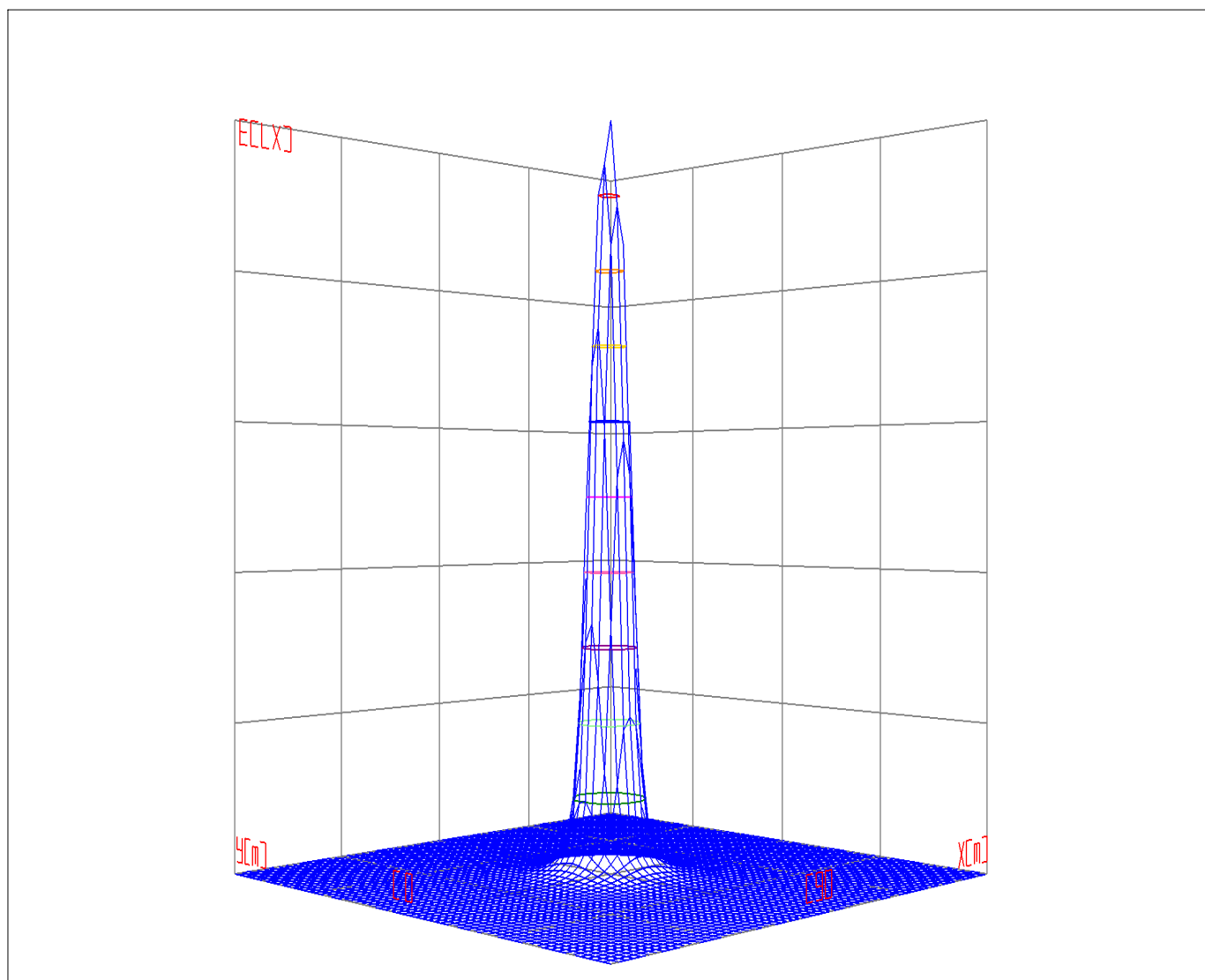
IES Indoor Report

Photometric Filename:DL52-09-XX-01 4000K RA90 36D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: DL52-09-XX-01 4000K 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: 2021/10/28

3D Plane Illuminance Modal

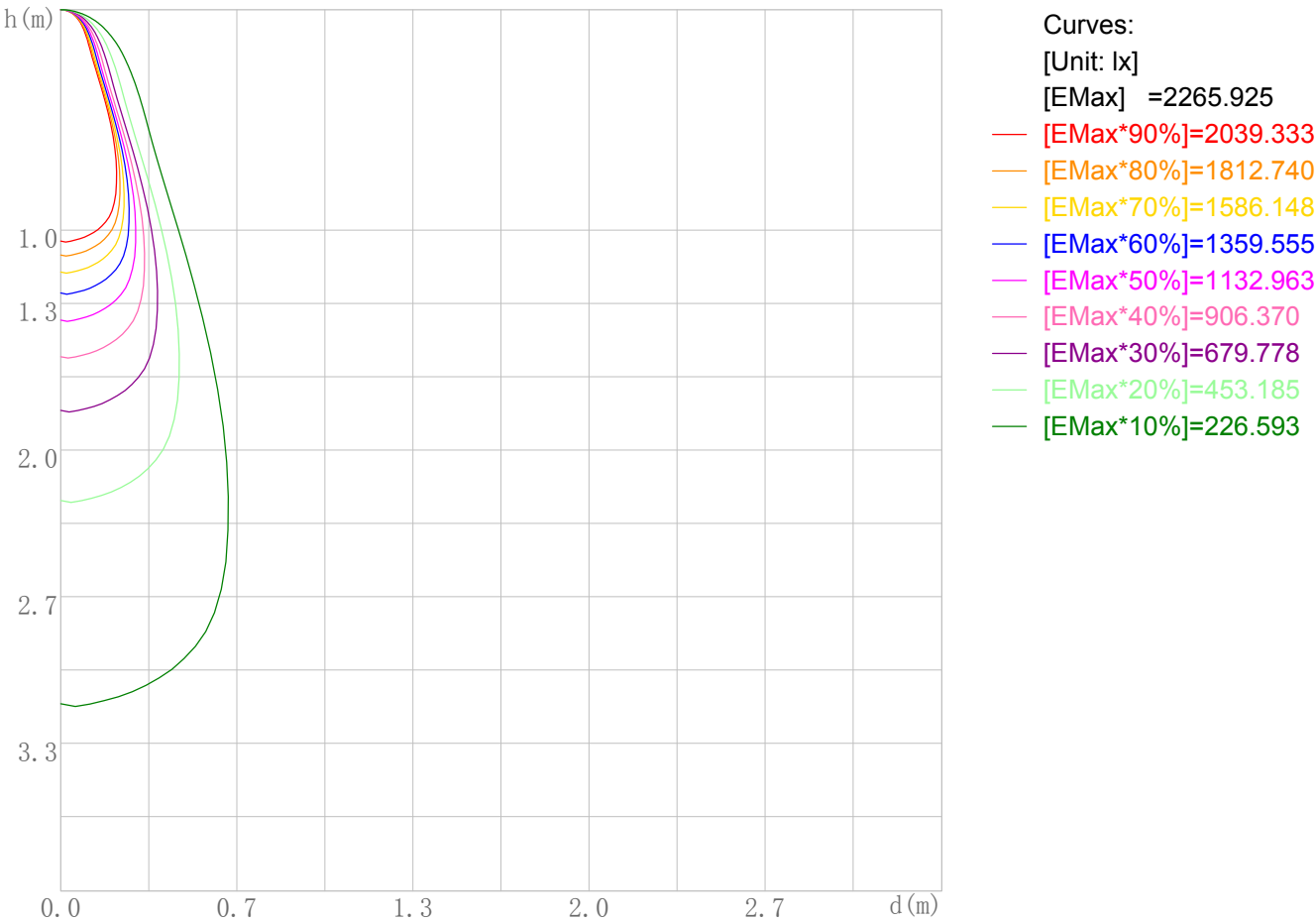


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: DL52-09-XX-01 4000K 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: 2021/10/28

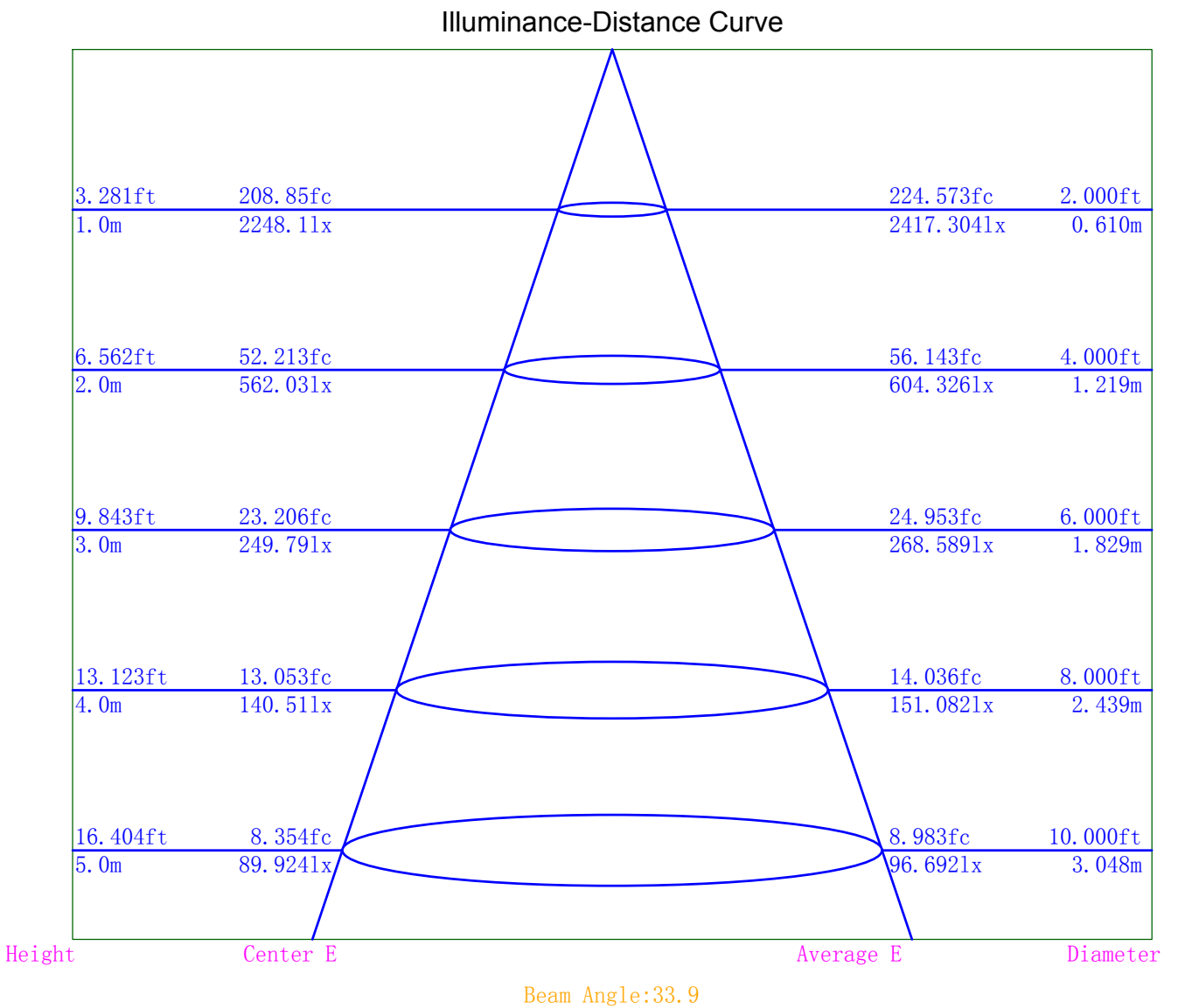
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:2265.93lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:2266.961cd,0deg

Illuminance-Distance Diagram

Lum. Name: DL52-09-XX-01 4000K 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: 2021/10/28



Indoor Luminance Limiting Curves

Lum. Name: DL52-09-XX-01 4000K 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: 2021/10/28

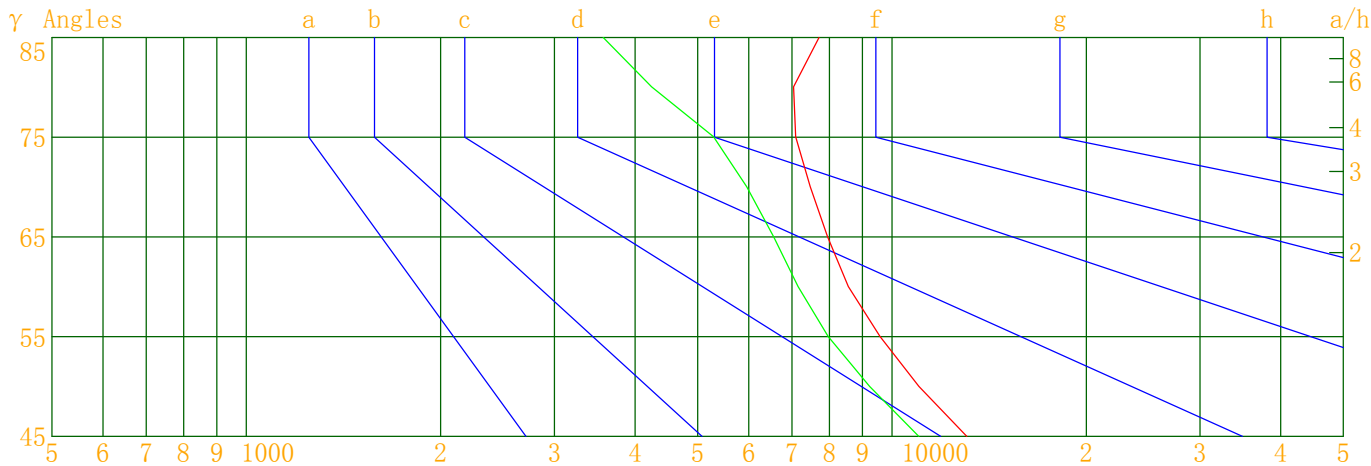
Glare Grade Table

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	13056	11010	9583	8559	7948	7472	7095	7040	7709
C90	11001	9235	7965	7152	6554	5956	5292	4244	3571

Luminance Limiting Curve



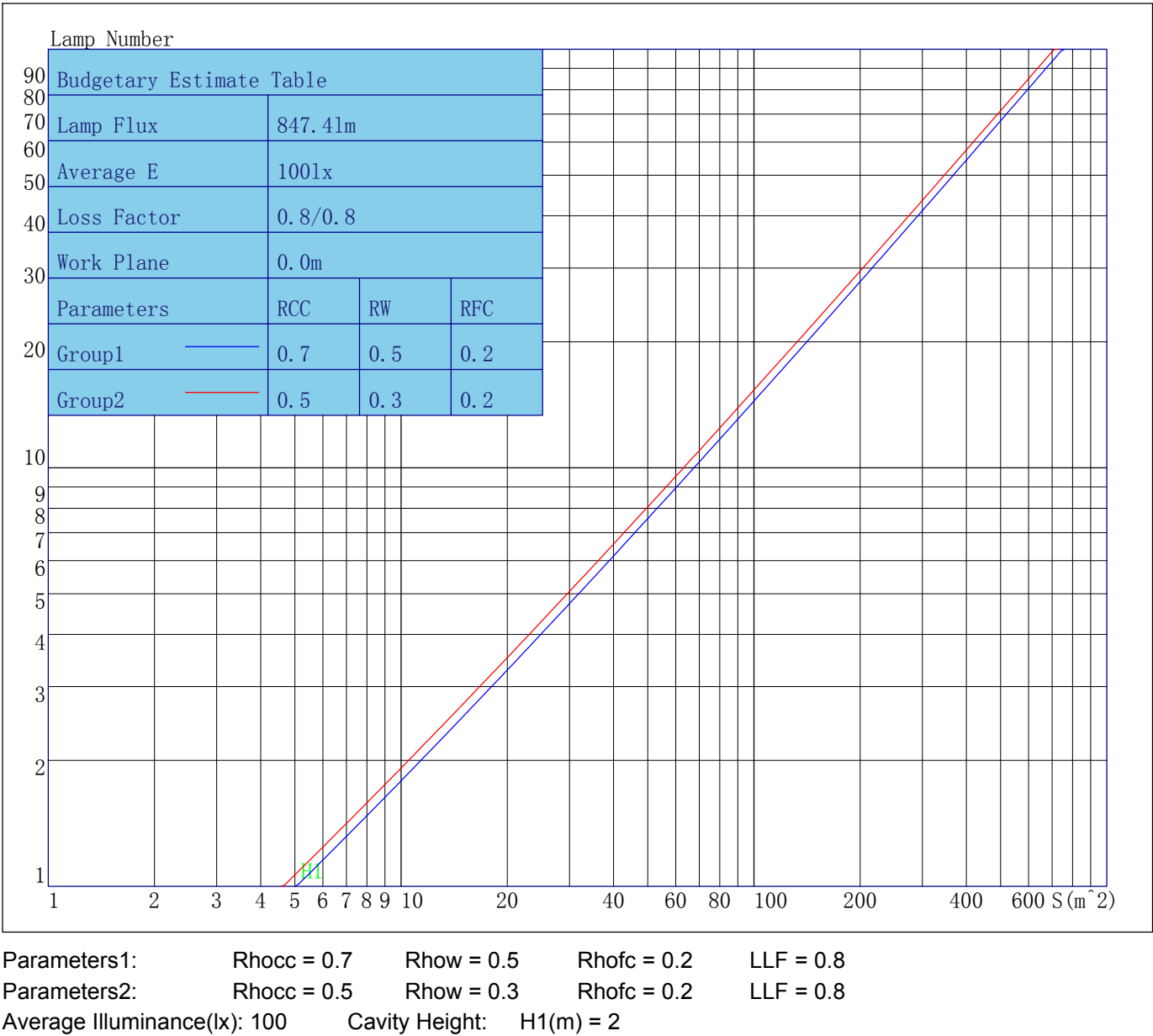
Luminous Size: Length(m)=-0.076 Width(m)=-0.076 Height(m)=0.000 Area(m^2)=0.004536

Luminous Type: Without Luminous Side

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

Indoor Budgetary Estimate Table

Lum. Name: DL52-09-XX-01 4000K 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: 2021/10/28



Indoor Coefficient of Utilization Table

Lum. Name: DL52-09-XX-01 4000K 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: 2021/10/28

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	114	111	109	107	111	109	107	105	105	103	101	101	99	98	97	96	95	93
2	109	104	101	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88
3	104	98	94	91	102	97	93	90	94	91	88	92	89	87	89	87	85	84
4	100	93	89	85	98	92	88	84	90	86	83	88	85	82	86	83	81	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	76
6	93	85	80	76	91	84	79	76	83	79	75	81	78	75	80	77	74	73
7	89	82	76	73	88	81	76	73	80	75	72	78	75	72	77	74	71	70
8	86	78	73	70	85	78	73	70	77	72	69	76	72	69	75	71	69	68
9	83	75	70	67	82	75	70	67	74	70	67	73	69	66	72	69	66	65
10	81	73	68	65	80	72	68	65	71	67	64	71	67	64	70	66	64	63

Unified Glare Rating Table

Lum. Name: DL52-09-XX-01 4000K 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: 2021/10/28

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	15.3	16.4	15.7	16.7	17.0	14.3	15.4	14.7	15.7	16.1
	16.3	17.3	16.7	17.6	18.0	15.2	16.2	15.6	16.5	16.9
	16.8	17.7	17.2	18.0	18.4	15.6	16.5	16.0	16.9	17.3
	17.2	18.0	17.6	18.4	18.8	15.8	16.6	16.3	17.0	17.5
	17.3	18.1	17.8	18.5	18.9	15.9	16.7	16.3	17.1	17.5
	17.4	18.2	17.9	18.6	19.1	15.9	16.7	16.4	17.1	17.5
X=4H Y=2H	15.7	16.5	16.1	16.9	17.3	14.7	15.6	15.2	16.0	16.4
	16.9	17.6	17.3	18.1	18.5	15.9	16.6	16.3	17.0	17.5
	17.5	18.1	17.9	18.6	19.1	16.3	17.0	16.8	17.5	17.9
	18.0	18.6	18.5	19.1	19.6	16.7	17.3	17.1	17.7	18.2
	18.2	18.8	18.7	19.2	19.7	16.8	17.3	17.2	17.8	18.3
	18.4	18.9	18.9	19.4	19.9	16.8	17.3	17.3	17.8	18.3
X=8H Y=4H	17.7	18.2	18.1	18.7	19.2	16.5	17.1	17.0	17.6	18.1
	18.3	18.8	18.9	19.3	19.9	17.0	17.4	17.5	18.0	18.5
	18.6	19.1	19.2	19.6	20.1	17.1	17.6	17.7	18.1	18.6
	18.9	19.3	19.5	19.8	20.4	17.3	17.6	17.8	18.2	18.7
X=12H Y=4H	17.7	18.1	18.2	18.6	19.1	16.5	17.0	17.0	17.5	18.0
	18.4	18.8	18.9	19.3	19.9	17.0	17.4	17.6	17.9	18.5
	18.7	19.1	19.3	19.6	20.2	17.2	17.6	17.8	18.1	18.7
Variations with the objerver position at spacings										
S=1.0H	0.4/-0.4					0.6/-0.6				
S=1.5H	0.7/-0.8					0.9/-1.1				
S=2.0H	0.9/-1.0					1.2/-1.5				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	2.5					2.1				

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

IES Indoor Report

Photometric Filename:DL52-09-XX-01 4000K RA90 36D.IES

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	2248.10	2248.10	2248.10	2248.10
γ 1.0	2266.96	2191.06	2253.31	2212.85
γ 2.0	2254.47	2180.91	2230.27	2220.92
γ 3.0	2237.13	2165.23	2210.94	2225.65
γ 4.0	2219.26	2142.52	2197.65	2225.36
γ 5.0	2196.43	2102.77	2185.60	2218.72
γ 6.0	2166.33	2049.42	2174.95	2211.44
γ 7.0	2131.41	1983.53	2148.71	2196.74
γ 8.0	2090.99	1910.22	2105.26	2180.26
γ 9.0	2039.85	1828.42	2051.53	2155.53
γ 10.0	1980.39	1728.84	1987.64	2119.00
γ 11.0	1908.39	1605.96	1913.05	2070.04
γ 12.0	1813.23	1467.85	1824.02	2013.33
γ 13.0	1694.67	1321.31	1719.53	1947.98
γ 14.0	1557.77	1168.29	1599.09	1863.30
γ 15.0	1402.59	1014.37	1463.95	1764.07
γ 16.0	1245.99	864.14	1315.35	1642.86
γ 17.0	1093.04	727.67	1160.57	1503.26
γ 18.0	941.71	602.91	999.56	1342.84
γ 19.0	796.24	494.14	845.48	1182.37
γ 20.0	662.95	401.90	704.50	1023.13
γ 21.0	544.42	328.08	577.02	870.01
γ 22.0	443.89	269.30	467.09	727.42
γ 23.0	362.21	224.72	375.84	599.24
γ 24.0	296.95	190.96	302.82	488.53
γ 25.0	247.11	165.04	246.05	396.21
γ 26.0	209.01	145.03	203.93	321.45
γ 27.0	179.73	129.21	171.61	263.08
γ 28.0	157.05	116.46	146.99	218.71
γ 29.0	139.17	105.81	128.11	184.80
γ 30.0	124.78	96.94	113.19	158.79
γ 31.0	112.95	89.03	100.96	138.32
γ 32.0	103.05	82.23	90.94	121.99
γ 33.0	94.53	76.14	82.27	108.66
γ 34.0	87.05	70.69	74.98	97.69
γ 35.0	80.53	65.80	68.62	88.19
γ 36.0	74.86	61.59	63.19	80.24
γ 37.0	69.56	57.42	58.29	73.33
γ 38.0	64.89	53.69	54.15	67.34
γ 39.0	60.52	50.29	50.44	62.01
γ 40.0	56.63	47.31	47.24	57.47
γ 41.0	53.11	44.45	44.35	53.47
γ 42.0	49.96	41.94	41.97	49.94
γ 43.0	47.02	39.51	39.77	46.88
γ 44.0	44.30	37.36	37.82	44.12
γ 45.0	41.88	35.29	36.10	41.82
γ 46.0	39.57	33.43	34.52	39.78

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	37.51	31.65	33.10	37.88
γ 48.0	35.56	29.99	31.77	36.21
γ 49.0	33.80	28.42	30.50	34.75
γ 50.0	32.10	26.93	29.27	33.33
γ 51.0	30.57	25.57	28.12	31.98
γ 52.0	29.07	24.27	26.98	30.72
γ 53.0	27.62	23.04	25.89	29.53
γ 54.0	26.22	21.83	24.84	28.33
γ 55.0	24.94	20.73	23.83	27.23
γ 56.0	23.70	19.64	22.83	26.11
γ 57.0	22.50	18.73	21.89	25.10
γ 58.0	21.36	17.86	20.92	24.04
γ 59.0	20.36	17.04	20.05	23.08
γ 60.0	19.41	16.22	19.16	22.10
γ 61.0	18.52	15.46	18.29	21.16
γ 62.0	17.66	14.70	17.46	20.24
γ 63.0	16.83	13.97	16.65	19.37
γ 64.0	16.01	13.26	15.86	18.50
γ 65.0	15.24	12.56	15.10	17.65
γ 66.0	14.45	11.86	14.33	16.84
γ 67.0	13.70	11.18	13.60	16.01
γ 68.0	13.00	10.54	12.86	15.27
γ 69.0	12.27	9.90	12.15	14.50
γ 70.0	11.59	9.24	11.44	13.75
γ 71.0	10.92	8.60	10.75	13.02
γ 72.0	10.29	7.97	10.08	12.30
γ 73.0	9.60	7.34	9.43	11.60
γ 74.0	8.98	6.78	8.79	10.96
γ 75.0	8.33	6.21	8.12	10.27
γ 76.0	7.73	5.64	7.46	9.58
γ 77.0	7.17	5.03	6.81	8.90
γ 78.0	6.65	4.42	6.24	8.25
γ 79.0	6.12	3.89	5.69	7.65
γ 80.0	5.55	3.34	5.03	7.12
γ 81.0	5.03	2.93	4.44	6.59
γ 82.0	4.51	2.66	3.90	5.98
γ 83.0	3.90	2.38	3.09	5.32
γ 84.0	3.48	1.89	2.58	4.78
γ 85.0	3.05	1.41	2.21	4.11
γ 86.0	2.56	1.20	1.85	3.59
γ 87.0	2.18	1.03	1.54	3.14
γ 88.0	1.92	0.97	1.23	2.63
γ 89.0	1.67	0.92	1.05	2.20
γ 90.0	1.57	0.86	0.96	1.90
γ 91.0	1.49	0.80	0.89	1.68
γ 92.0	1.41	0.76	0.82	1.54
γ 93.0	1.35	0.71	0.76	1.45

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	1.28	0.67	0.69	1.36
γ 95.0	1.22	0.63	0.64	1.28
γ 96.0	1.16	0.59	0.59	1.20
γ 97.0	1.12	0.56	0.54	1.13
γ 98.0	1.05	0.52	0.49	1.06
γ 99.0	1.01	0.48	0.45	1.00
γ 100.0	0.97	0.45	0.43	0.94
γ 101.0	0.93	0.41	0.39	0.89
γ 102.0	0.88	0.38	0.36	0.85
γ 103.0	0.83	0.35	0.33	0.80
γ 104.0	0.79	0.32	0.31	0.76
γ 105.0	0.74	0.27	0.29	0.72
γ 106.0	0.69	0.25	0.27	0.68
γ 107.0	0.64	0.21	0.25	0.65
γ 108.0	0.61	0.18	0.23	0.62
γ 109.0	0.56	0.15	0.23	0.59
γ 110.0	0.52	0.12	0.22	0.56
γ 111.0	0.49	0.10	0.22	0.55
γ 112.0	0.45	0.08	0.20	0.52
γ 113.0	0.42	0.07	0.20	0.50
γ 114.0	0.39	0.05	0.21	0.50
γ 115.0	0.36	0.05	0.21	0.49
γ 116.0	0.34	0.03	0.22	0.48
γ 117.0	0.32	0.03	0.22	0.47
γ 118.0	0.30	0.03	0.22	0.47
γ 119.0	0.30	0.05	0.24	0.46
γ 120.0	0.29	0.06	0.25	0.46
γ 121.0	0.28	0.08	0.28	0.47
γ 122.0	0.28	0.10	0.30	0.47
γ 123.0	0.29	0.14	0.33	0.48
γ 124.0	0.30	0.19	0.36	0.50
γ 125.0	0.33	0.25	0.42	0.51
γ 126.0	0.37	0.30	0.49	0.55
γ 127.0	0.42	0.39	0.55	0.59
γ 128.0	0.47	0.49	0.64	0.65
γ 129.0	0.55	0.59	0.73	0.70
γ 130.0	0.63	0.71	0.85	0.78
γ 131.0	0.73	0.85	0.97	0.86
γ 132.0	0.85	0.99	1.09	0.95
γ 133.0	0.97	1.14	1.22	1.05
γ 134.0	1.11	1.30	1.36	1.17
γ 135.0	1.25	1.45	1.50	1.29
γ 136.0	1.39	1.63	1.66	1.41
γ 137.0	1.55	1.80	1.81	1.56
γ 138.0	1.71	1.97	1.98	1.70
γ 139.0	1.88	2.15	2.14	1.84
γ 140.0	2.04	2.31	2.31	2.00

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	2.23	2.48	2.47	2.16
γ 142.0	2.39	2.65	2.65	2.31
γ 143.0	2.56	2.82	2.83	2.47
γ 144.0	2.74	2.98	3.00	2.64
γ 145.0	2.91	3.14	3.17	2.80
γ 146.0	3.08	3.29	3.36	2.96
γ 147.0	3.25	3.43	3.50	3.13
γ 148.0	3.40	3.58	3.67	3.28
γ 149.0	3.56	3.73	3.83	3.43
γ 150.0	3.71	3.86	3.99	3.60
γ 151.0	3.87	3.98	4.14	3.74
γ 152.0	4.00	4.12	4.28	3.90
γ 153.0	4.14	4.23	4.42	4.04
γ 154.0	4.28	4.34	4.54	4.19
γ 155.0	4.40	4.43	4.65	4.32
γ 156.0	4.50	4.51	4.77	4.44
γ 157.0	4.60	4.58	4.86	4.56
γ 158.0	4.70	4.63	4.95	4.66
γ 159.0	4.76	4.67	5.00	4.77
γ 160.0	4.82	4.69	5.06	4.84
γ 161.0	4.87	4.71	5.10	4.91
γ 162.0	4.90	4.70	5.11	4.96
γ 163.0	4.91	4.70	5.12	5.00
γ 164.0	4.91	4.66	5.12	5.02
γ 165.0	4.92	4.65	5.11	5.03
γ 166.0	4.90	4.64	5.08	5.02
γ 167.0	4.90	4.63	5.05	5.01
γ 168.0	4.87	4.63	5.02	4.98
γ 169.0	4.87	4.64	4.98	4.96
γ 170.0	4.86	4.65	4.95	4.92
γ 171.0	4.86	4.69	4.91	4.90
γ 172.0	4.87	4.71	4.90	4.87
γ 173.0	4.88	4.75	4.89	4.86
γ 174.0	4.89	4.80	4.88	4.84
γ 175.0	4.90	4.84	4.89	4.85
γ 176.0	4.93	4.87	4.89	4.87
γ 177.0	4.93	4.91	4.90	4.88
γ 178.0	4.94	4.90	4.91	4.91
γ 179.0	4.93	4.91	4.93	4.93
γ 180.0	4.92	4.92	4.92	4.92