

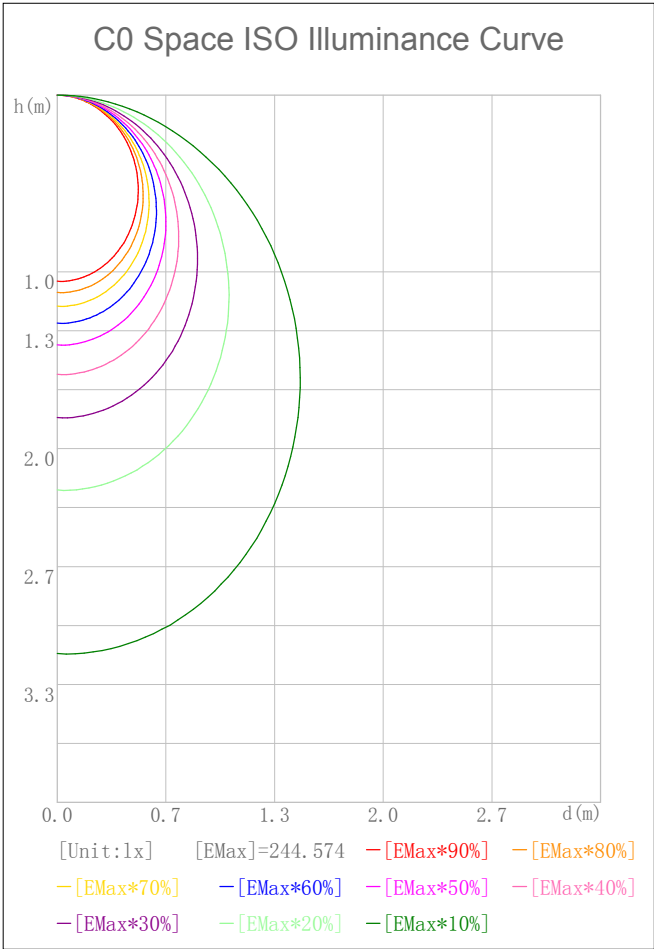
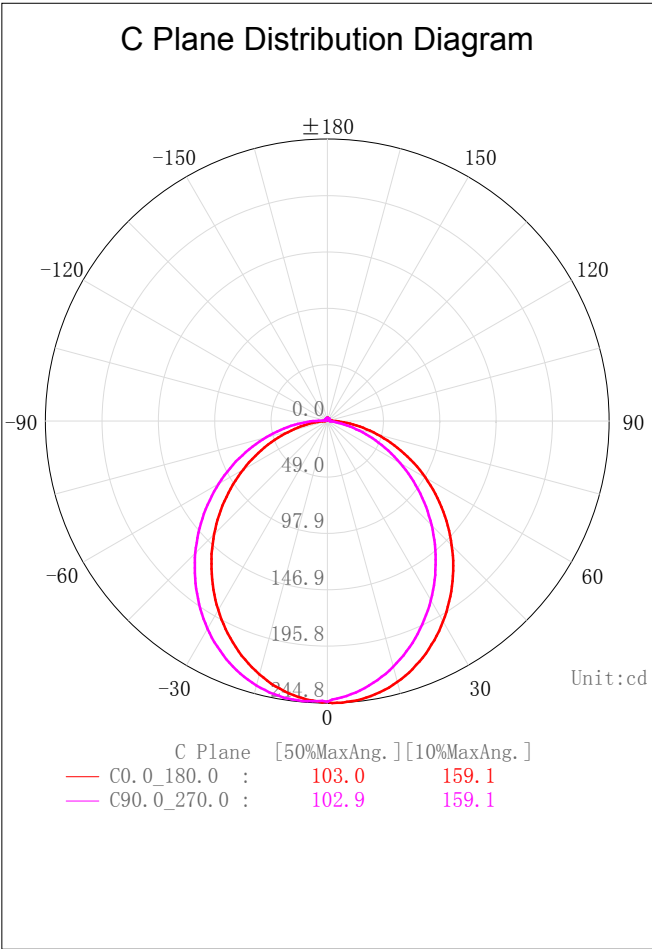
Indoor Luminaire Photometric Data

Description Information

Luminary Name:DL44-10-XX-07 2700K RA80		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog:	Test Date: 2021/08/24
Manufacture: Shenzhen Norming lightin		Shld. Ang(°):	Test Machine:GON-2000
Test Lab: Quality Department		Frequency(Hz):	Lamp CCT(K): Ra:
Lum. Size (W*L*H):0.075m*-0.075m*0.000m		Lum. Area (m2):0.004	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

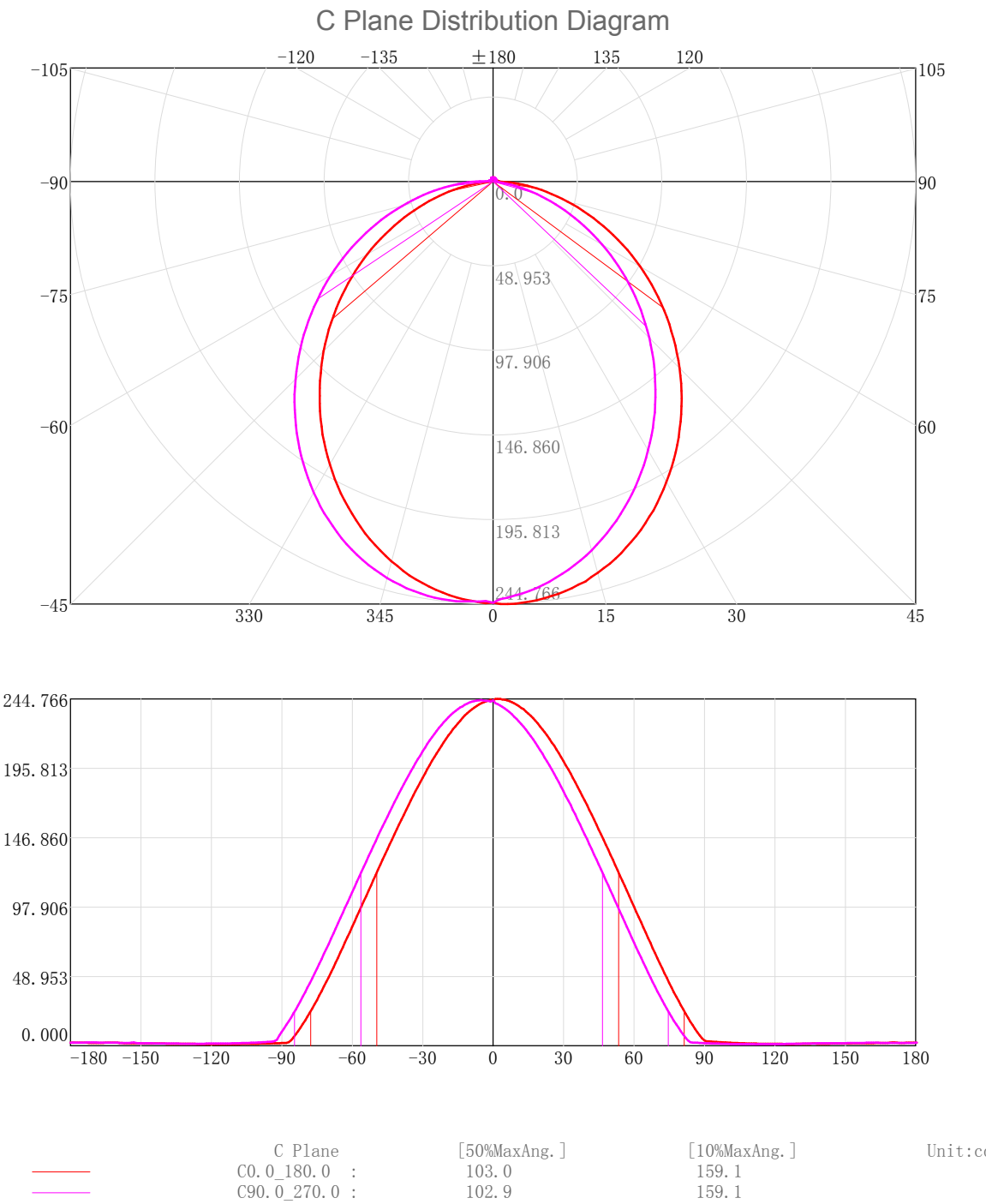
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 643.680	Luminary Flux(lm): 643.677	Field Angle(10%Imax): 159.1(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 631.987lm 98.18%	
Rated Voltage(V):	Luminary EER(lm/W): 72.462	Up Lumens&Percent: 11.690lm 1.82%	
Tested Power(W): 8.883	Max. Candela(cd): 244.766	S/MH: C0_a180=1.194 C90_270=1.188	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=3.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):240.1, 0.040, 0.912		ErP Φuse(120°): 494.145lm	
Lamp Size(W*L*H):0.075m*-0.075m*0.000m		IRF(%): 116.472	
		Left=-49.5°, Right=53.5°	



2D Plane Light Intensity Distribution Curve

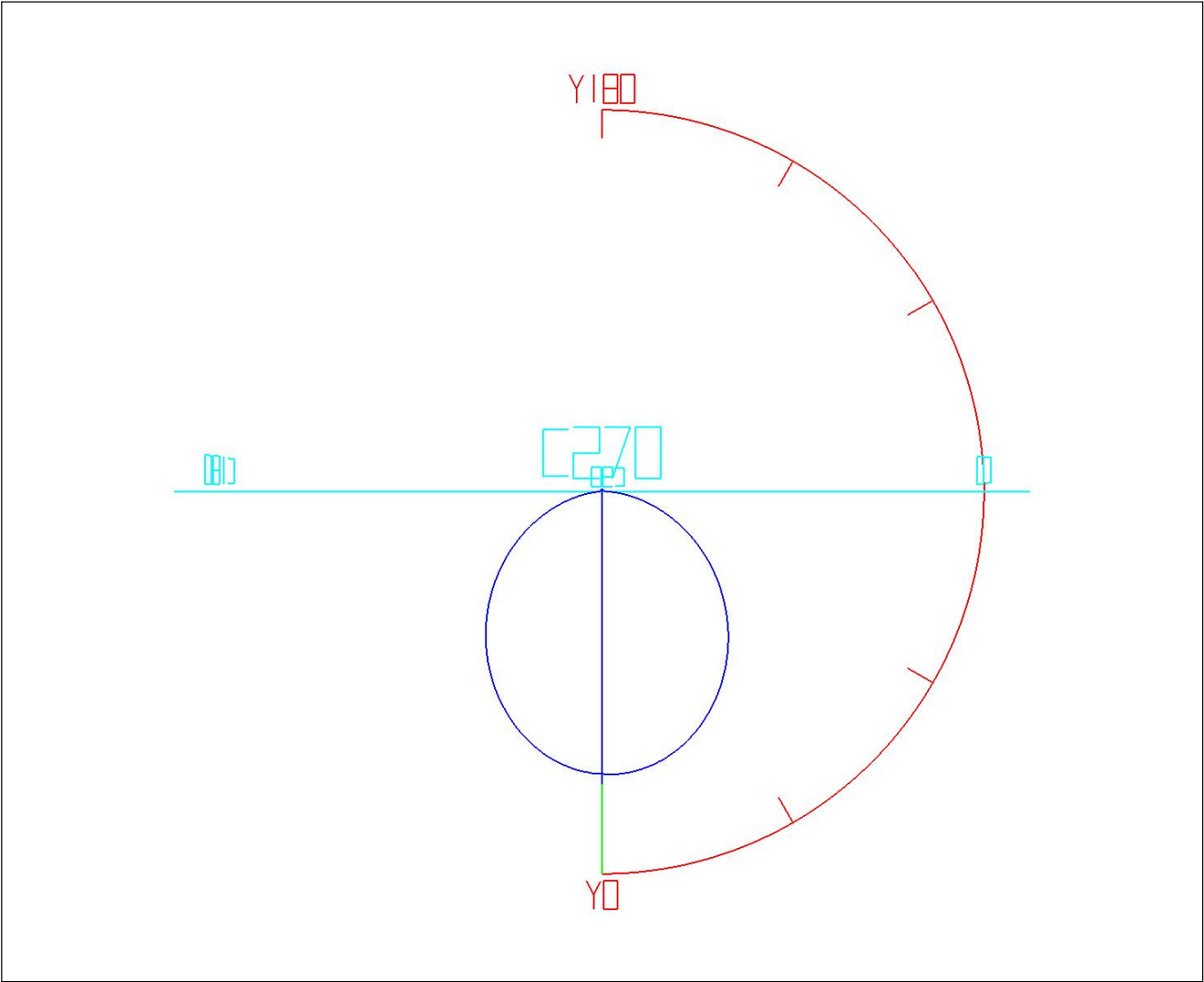
Lum. Name: DL44-10-XX-07 2700K RA80	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog:	Test Lab: Quality Department
Manufacture: Shenzhen Norming lightin	Test Machine:GON-2000	Test Date: 2021/08/24



3D Light Intensity Distribution Modal

Lum. Name: DL44-10-XX-07 2700K RA80	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog:	Test Lab: Quality Deparment
Manufacture: Shenzhen Norming lightin	Test Machine:GON-2000	Test Date: 2021/08/24

3D Light Intensity Distribution Modal



Curves:

View Angles:

3D Model

Orient:0

Fixture

Tilt:0

Vert. HUD

Roll:0

Hori. HUD

Spin:0

IES Indoor Report

Photometric Filename:DL44-10-XX-07 2700K RA80.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	0.23	0.23	0.04	0.04	47.0-48.0	11.03	385.94	1.71	59.96
1.0-2.0	0.70	0.93	0.11	0.14	48.0-49.0	10.91	396.85	1.69	61.65
2.0-3.0	1.16	2.09	0.18	0.33	49.0-50.0	10.77	407.62	1.67	63.33
3.0-4.0	1.62	3.72	0.25	0.58	50.0-51.0	10.63	418.25	1.65	64.98
4.0-5.0	2.08	5.80	0.32	0.90	51.0-52.0	10.47	428.72	1.63	66.60
5.0-6.0	2.54	8.34	0.39	1.30	52.0-53.0	10.30	439.01	1.60	68.20
6.0-7.0	2.99	11.33	0.46	1.76	53.0-54.0	10.11	449.12	1.57	69.77
7.0-8.0	3.44	14.77	0.53	2.29	54.0-55.0	9.91	459.04	1.54	71.31
8.0-9.0	3.87	18.64	0.60	2.90	55.0-56.0	9.70	468.74	1.51	72.82
9.0-10.0	4.31	22.95	0.67	3.57	56.0-57.0	9.48	478.23	1.47	74.30
10.0-11.0	4.73	27.68	0.74	4.30	57.0-58.0	9.26	487.48	1.44	75.73
11.0-12.0	5.15	32.83	0.80	5.10	58.0-59.0	9.01	496.49	1.40	77.13
12.0-13.0	5.56	38.39	0.86	5.96	59.0-60.0	8.76	505.26	1.36	78.50
13.0-14.0	5.95	44.34	0.93	6.89	60.0-61.0	8.51	513.76	1.32	79.82
14.0-15.0	6.34	50.68	0.99	7.87	61.0-62.0	8.24	522.00	1.28	81.10
15.0-16.0	6.72	57.40	1.04	8.92	62.0-63.0	7.96	529.96	1.24	82.33
16.0-17.0	7.08	64.48	1.10	10.02	63.0-64.0	7.67	537.64	1.19	83.53
17.0-18.0	7.44	71.92	1.16	11.17	64.0-65.0	7.38	545.02	1.15	84.67
18.0-19.0	7.78	79.69	1.21	12.38	65.0-66.0	7.09	552.11	1.10	85.77
19.0-20.0	8.10	87.80	1.26	13.64	66.0-67.0	6.79	558.89	1.05	86.83
20.0-21.0	8.42	96.21	1.31	14.95	67.0-68.0	6.48	565.37	1.01	87.83
21.0-22.0	8.72	104.93	1.35	16.30	68.0-69.0	6.17	571.54	0.96	88.79
22.0-23.0	9.00	113.93	1.40	17.70	69.0-70.0	5.85	577.39	0.91	89.70
23.0-24.0	9.27	123.20	1.44	19.14	70.0-71.0	5.53	582.92	0.86	90.56
24.0-25.0	9.53	132.73	1.48	20.62	71.0-72.0	5.21	588.13	0.81	91.37
25.0-26.0	9.77	142.50	1.52	22.14	72.0-73.0	4.89	593.03	0.76	92.13
26.0-27.0	9.99	152.49	1.55	23.69	73.0-74.0	4.58	597.60	0.71	92.84
27.0-28.0	10.21	162.70	1.59	25.28	74.0-75.0	4.26	601.86	0.66	93.50
28.0-29.0	10.40	173.09	1.62	26.89	75.0-76.0	3.94	605.80	0.61	94.12
29.0-30.0	10.57	183.67	1.64	28.53	76.0-77.0	3.63	609.43	0.56	94.68
30.0-31.0	10.73	194.40	1.67	30.20	77.0-78.0	3.32	612.75	0.52	95.20
31.0-32.0	10.88	205.28	1.69	31.89	78.0-79.0	3.01	615.77	0.47	95.66
32.0-33.0	11.01	216.29	1.71	33.60	79.0-80.0	2.71	618.48	0.42	96.09
33.0-34.0	11.12	227.41	1.73	35.33	80.0-81.0	2.42	620.90	0.38	96.46
34.0-35.0	11.22	238.63	1.74	37.07	81.0-82.0	2.13	623.03	0.33	96.79
35.0-36.0	11.30	249.93	1.76	38.83	82.0-83.0	1.85	624.88	0.29	97.08
36.0-37.0	11.36	261.29	1.76	40.59	83.0-84.0	1.59	626.48	0.25	97.33
37.0-38.0	11.41	272.70	1.77	42.37	84.0-85.0	1.36	627.84	0.21	97.54
38.0-39.0	11.44	284.14	1.78	44.14	85.0-86.0	1.16	629.00	0.18	97.72
39.0-40.0	11.45	295.59	1.78	45.92	86.0-87.0	0.97	629.97	0.15	97.87
40.0-41.0	11.46	307.05	1.78	47.70	87.0-88.0	0.80	630.78	0.13	98.00
41.0-42.0	11.44	318.49	1.78	49.48	88.0-89.0	0.67	631.44	0.10	98.10
42.0-43.0	11.41	329.90	1.77	51.25	89.0-90.0	0.54	631.99	0.08	98.18
43.0-44.0	11.36	341.26	1.76	53.02	90.0-91.0	0.45	632.43	0.07	98.25
44.0-45.0	11.30	352.56	1.76	54.77	91.0-92.0	0.36	632.80	0.06	98.31
45.0-46.0	11.23	363.78	1.74	56.52	92.0-93.0	0.30	633.09	0.05	98.36
46.0-47.0	11.13	374.91	1.73	58.25	93.0-94.0	0.27	633.37	0.04	98.40

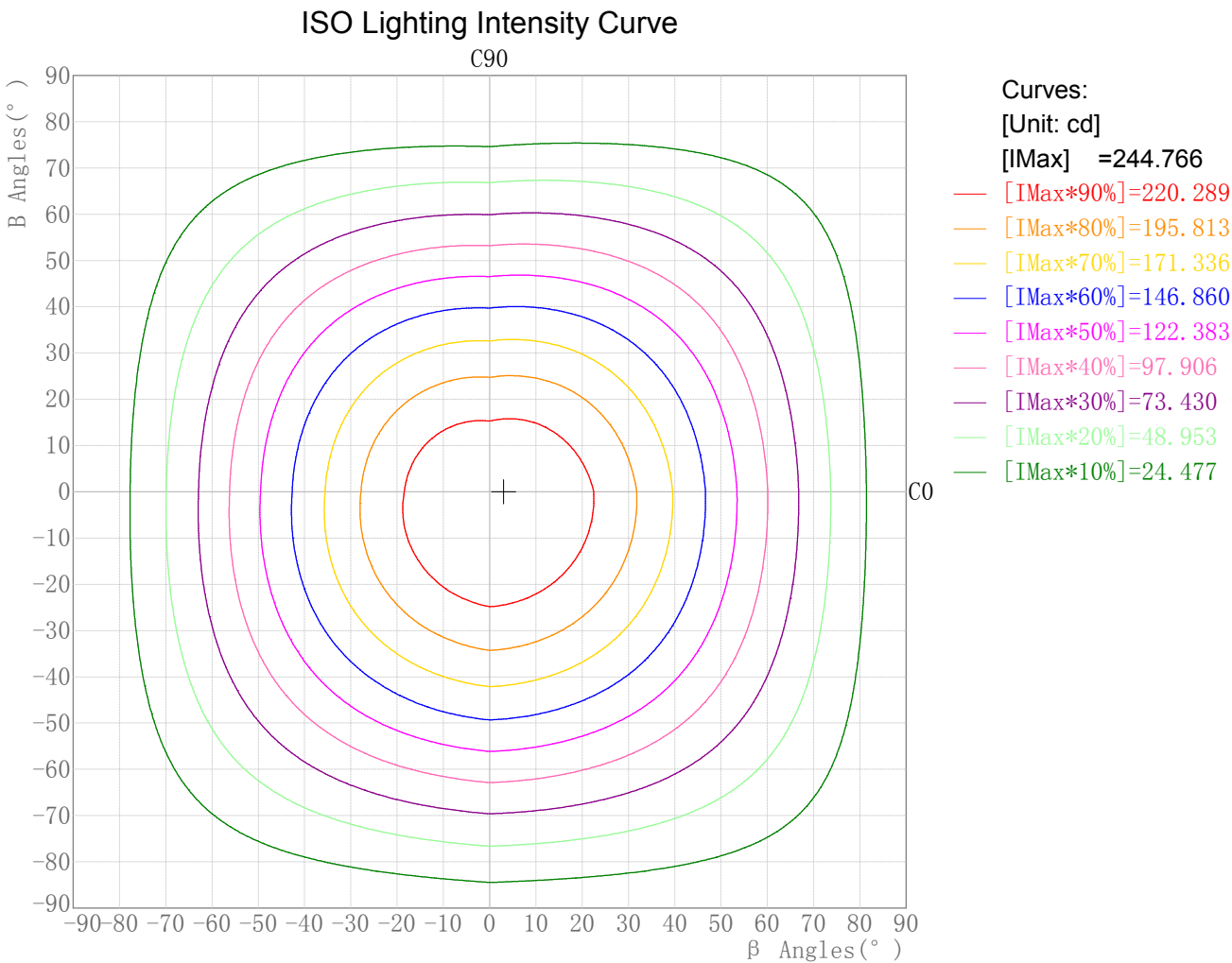
Photometric Filename:DL44-10-XX-07 2700K RA80.IES

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	0.26	633.63	0.04	98.44	141.0–142.0	0.12	640.99	0.02	99.58
95.0–96.0	0.25	633.88	0.04	98.48	142.0–143.0	0.12	641.11	0.02	99.60
96.0–97.0	0.24	634.12	0.04	98.51	143.0–144.0	0.12	641.22	0.02	99.62
97.0–98.0	0.23	634.35	0.04	98.55	144.0–145.0	0.11	641.34	0.02	99.64
98.0–99.0	0.22	634.57	0.03	98.59	145.0–146.0	0.11	641.45	0.02	99.65
99.0–100.0	0.22	634.79	0.03	98.62	146.0–147.0	0.11	641.56	0.02	99.67
100.0–101.0	0.21	635.00	0.03	98.65	147.0–148.0	0.11	641.67	0.02	99.69
101.0–102.0	0.20	635.21	0.03	98.68	148.0–149.0	0.11	641.78	0.02	99.70
102.0–103.0	0.20	635.41	0.03	98.71	149.0–150.0	0.10	641.88	0.02	99.72
103.0–104.0	0.19	635.60	0.03	98.74	150.0–151.0	0.10	641.98	0.02	99.74
104.0–105.0	0.19	635.79	0.03	98.77	151.0–152.0	0.10	642.09	0.02	99.75
105.0–106.0	0.18	635.97	0.03	98.80	152.0–153.0	0.10	642.19	0.02	99.77
106.0–107.0	0.18	636.15	0.03	98.83	153.0–154.0	0.10	642.29	0.02	99.78
107.0–108.0	0.17	636.32	0.03	98.86	154.0–155.0	0.10	642.39	0.02	99.80
108.0–109.0	0.17	636.49	0.03	98.88	155.0–156.0	0.09	642.48	0.01	99.81
109.0–110.0	0.17	636.65	0.03	98.91	156.0–157.0	0.09	642.57	0.01	99.83
110.0–111.0	0.16	636.81	0.03	98.93	157.0–158.0	0.09	642.66	0.01	99.84
111.0–112.0	0.16	636.97	0.02	98.96	158.0–159.0	0.09	642.74	0.01	99.85
112.0–113.0	0.16	637.13	0.02	98.98	159.0–160.0	0.08	642.83	0.01	99.87
113.0–114.0	0.15	637.28	0.02	99.01	160.0–161.0	0.08	642.91	0.01	99.88
114.0–115.0	0.15	637.43	0.02	99.03	161.0–162.0	0.08	642.99	0.01	99.89
115.0–116.0	0.15	637.58	0.02	99.05	162.0–163.0	0.07	643.06	0.01	99.90
116.0–117.0	0.15	637.72	0.02	99.07	163.0–164.0	0.07	643.13	0.01	99.91
117.0–118.0	0.14	637.87	0.02	99.10	164.0–165.0	0.07	643.20	0.01	99.92
118.0–119.0	0.14	638.01	0.02	99.12	165.0–166.0	0.06	643.26	0.01	99.93
119.0–120.0	0.14	638.15	0.02	99.14	166.0–167.0	0.06	643.31	0.01	99.94
120.0–121.0	0.14	638.29	0.02	99.16	167.0–168.0	0.05	643.36	0.01	99.95
121.0–122.0	0.14	638.42	0.02	99.18	168.0–169.0	0.05	643.41	0.01	99.96
122.0–123.0	0.14	638.56	0.02	99.20	169.0–170.0	0.05	643.46	0.01	99.97
123.0–124.0	0.13	638.70	0.02	99.23	170.0–171.0	0.04	643.50	0.01	99.97
124.0–125.0	0.13	638.83	0.02	99.25	171.0–172.0	0.04	643.54	0.01	99.98
125.0–126.0	0.13	638.96	0.02	99.27	172.0–173.0	0.03	643.57	0.01	99.98
126.0–127.0	0.13	639.09	0.02	99.29	173.0–174.0	0.03	643.60	0.00	99.99
127.0–128.0	0.13	639.23	0.02	99.31	174.0–175.0	0.02	643.62	0.00	99.99
128.0–129.0	0.13	639.36	0.02	99.33	175.0–176.0	0.02	643.64	0.00	99.99
129.0–130.0	0.13	639.49	0.02	99.35	176.0–177.0	0.01	643.66	0.00	100.00
130.0–131.0	0.13	639.62	0.02	99.37	177.0–178.0	0.01	643.67	0.00	100.00
131.0–132.0	0.13	639.74	0.02	99.39	178.0–179.0	0.01	643.67	0.00	100.00
132.0–133.0	0.13	639.87	0.02	99.41	179.0–180.0	0.00	643.68	0.00	100.00
133.0–134.0	0.13	640.00	0.02	99.43					
134.0–135.0	0.13	640.13	0.02	99.45					
135.0–136.0	0.13	640.25	0.02	99.47					
136.0–137.0	0.13	640.38	0.02	99.49					
137.0–138.0	0.13	640.51	0.02	99.51					
138.0–139.0	0.12	640.63	0.02	99.53					
139.0–140.0	0.12	640.75	0.02	99.55					
140.0–141.0	0.12	640.87	0.02	99.56					

Rectangle ISO Lighting Intensity Diagram

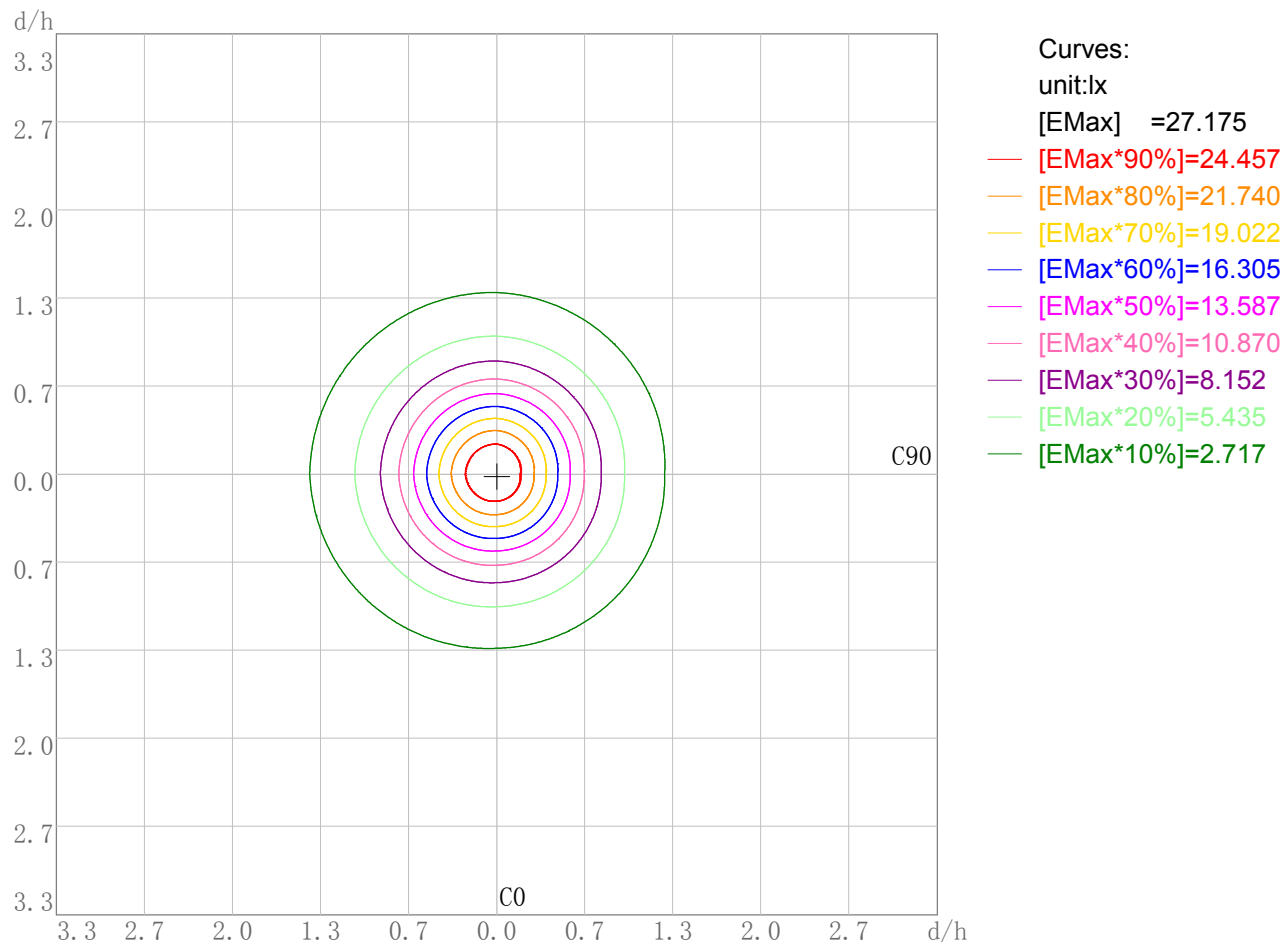
Lum. Name: DL44-10-XX-07 2700K RA80	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog:	Test Lab: Quality Department
Manufacture: Shenzhen Norming lightin	Test Machine:GON-2000	Test Date: 2021/08/24



Plane ISO-Illuminance Diagram

Lum. Name: DL44-10-XX-07 2700K RA80	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog:	Test Lab: Quality Department
Manufacture: Shenzhen Norming lightin	Test Machine:GON-2000	Test Date: 2021/08/24

Plane ISO-Illuminance Curve

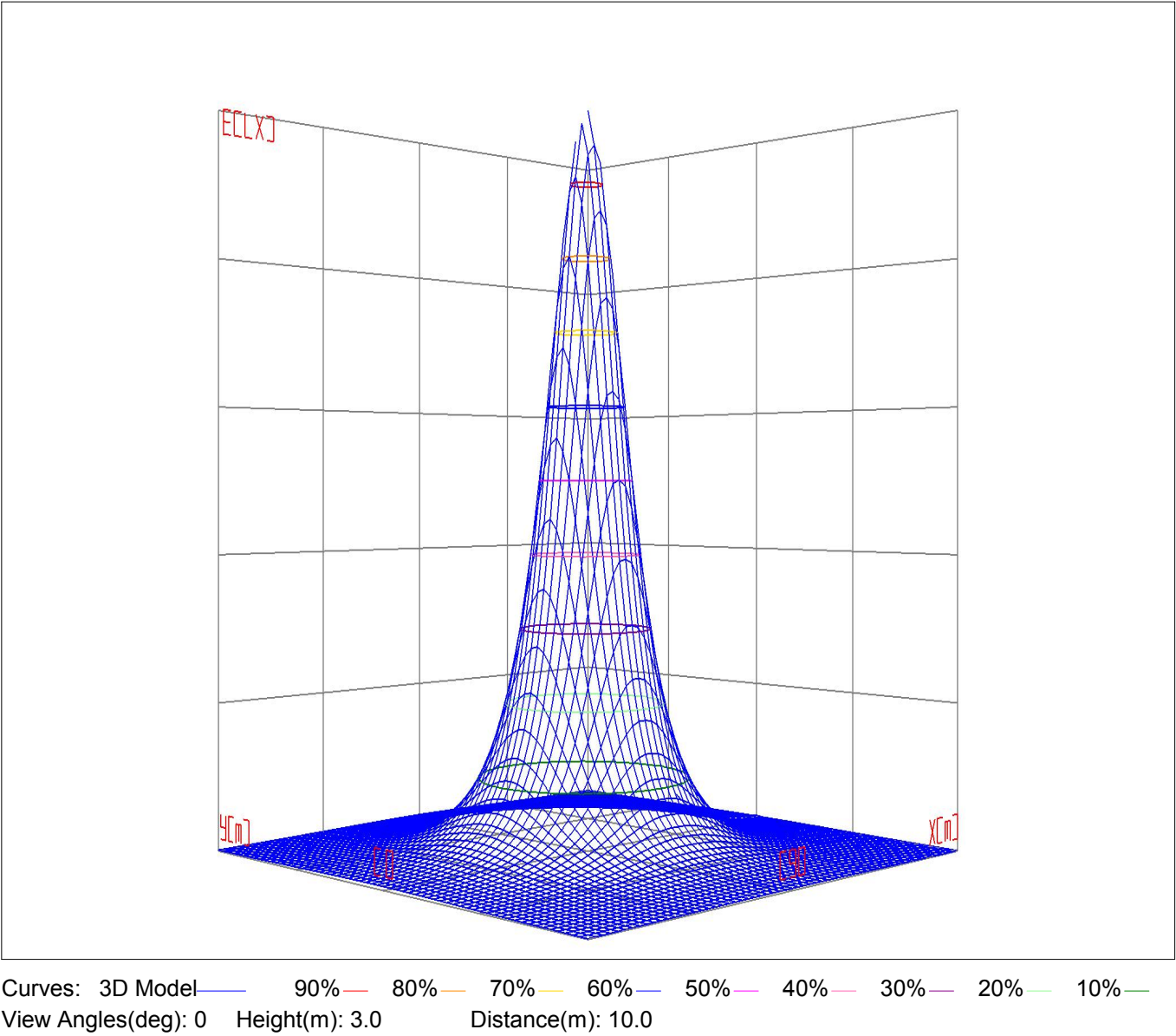


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 27.17
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

3D Plane ISO Illuminance Diagram

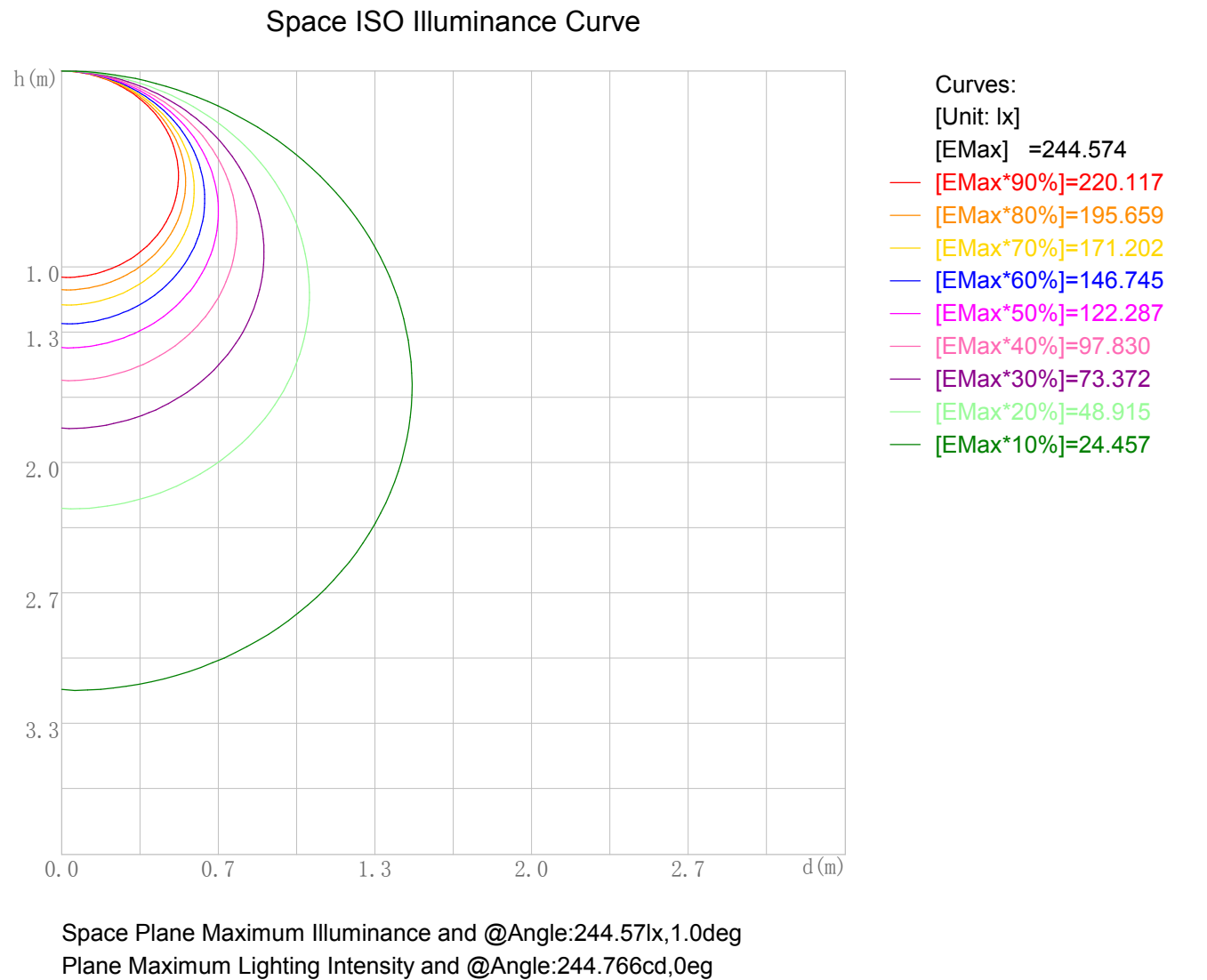
Lum. Name: DL44-10-XX-07 2700K RA80	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog:	Test Lab: Quality Deparment
Manufacture: Shenzhen Norming lightin	Test Machine:GON-2000	Test Date: 2021/08/24

3D Plane Illuminance Modal



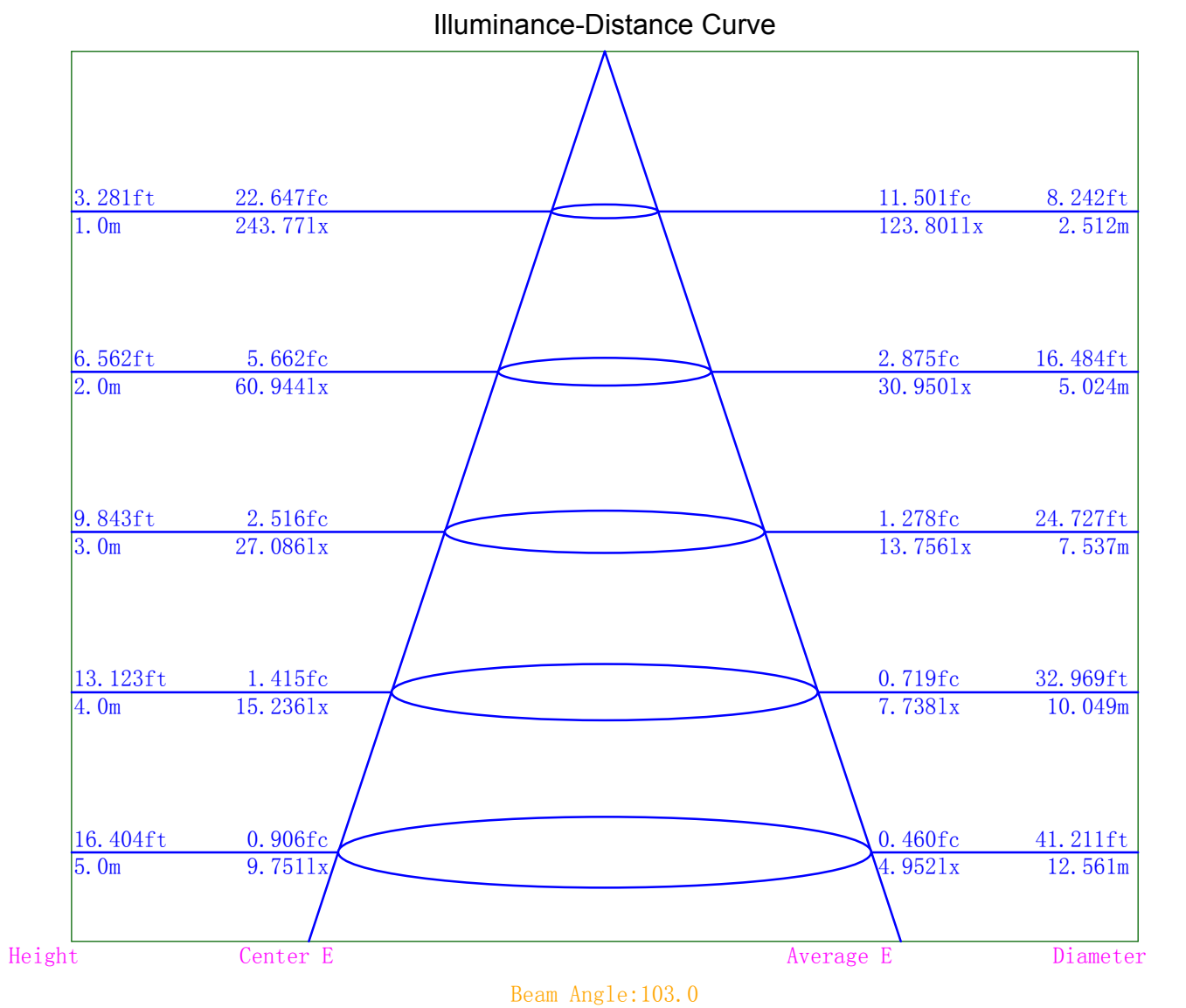
Space ISO Illuminance Diagram

Lum. Name: DL44-10-XX-07 2700K RA80	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog:	Test Lab: Quality Deparment
Manufacture: Shenzhen Norming lightin	Test Machine:GON-2000	Test Date: 2021/08/24



Illuminance-Distance Diagram

Lum. Name: DL44-10-XX-07 2700K RA80	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog:	Test Lab: Quality Deparment
Manufacture: Shenzhen Norming lightin	Test Machine:GON-2000	Test Date: 2021/08/24



Indoor Luminance Limiting Curves

Lum. Name: DL44-10-XX-07 2700K RA80	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog:	Test Lab: Quality Department
Manufacture: Shenzhen Norming lightin	Test Machine:GON-2000	Test Date: 2021/08/24

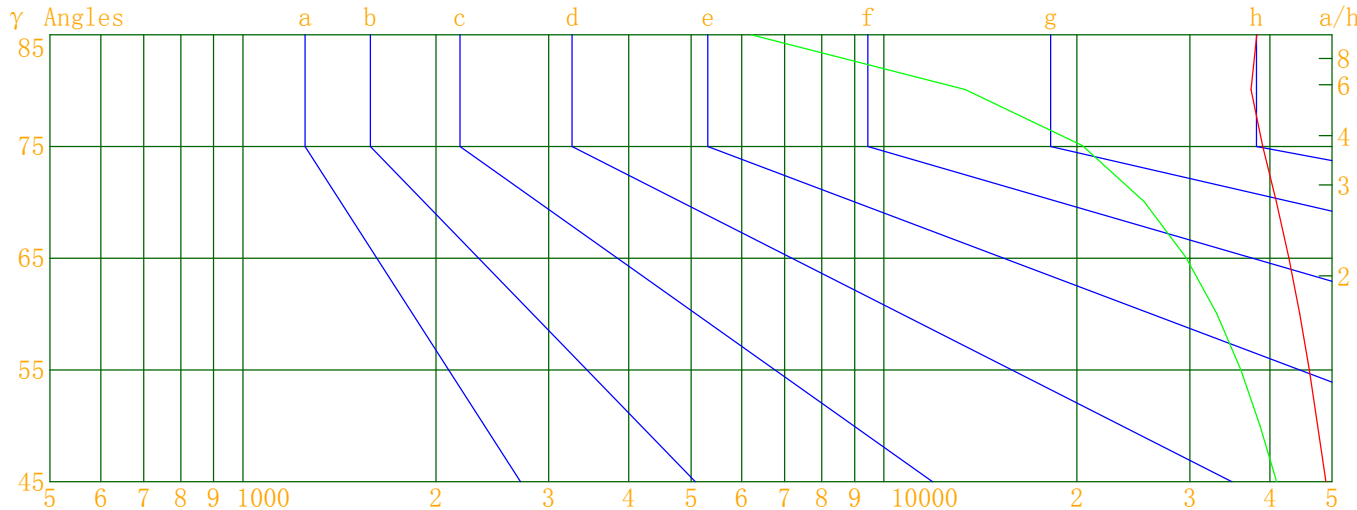
Glare Grade Table

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	48897	47492	46058	44497	42802	40949	38954	37397	38141
C90	41000	38602	36036	33063	29599	25462	20398	13387	6212

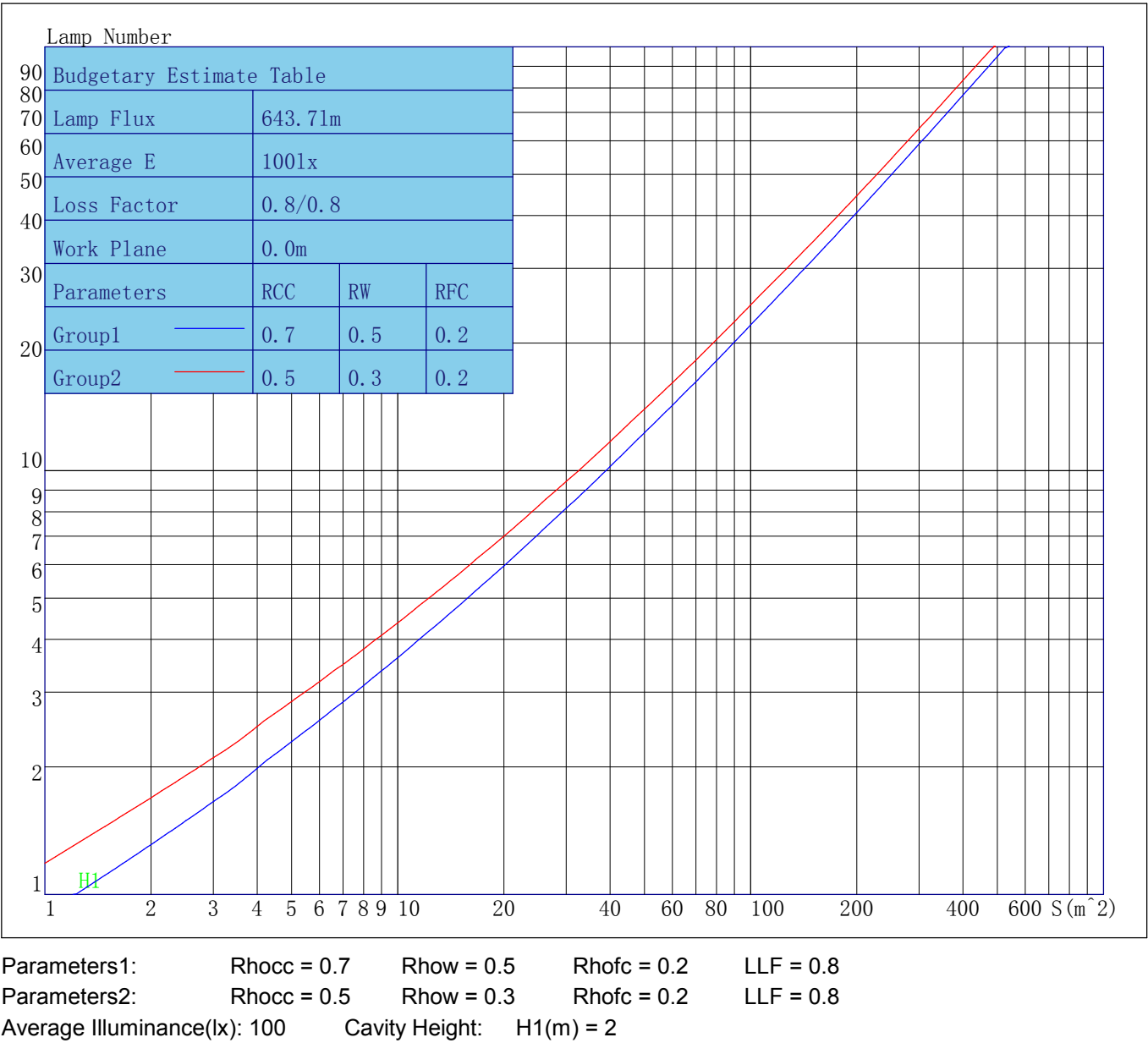
Luminance Limiting Curve



Luminous Size: Length(m)=-0.075 Width(m)=-0.075 Height(m)=0.000 Area(m^2)=0.004418
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: C90-C270 Color:

Indoor Budgetary Estimate Table

Lum. Name: DL44-10-XX-07 2700K RA80	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog:	Test Lab: Quality Department
Manufacture: Shenzhen Norming lightin	Test Machine:GON-2000	Test Date: 2021/08/24



Indoor Coefficient of Utilization Table

Lum. Name: DL44-10-XX-07 2700K RA80	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog:	Test Lab: Quality Deparment
Manufacture: Shenzhen Norming lightin	Test Machine:GON-2000	Test Date: 2021/08/24

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	110	110	110	105	105	105	100	100	100	98
1	108	104	99	96	106	101	97	94	97	94	91	92	90	88	89	87	85	82
2	99	91	84	78	96	89	82	77	85	80	75	81	77	73	78	74	71	69
3	90	80	72	65	88	78	71	65	75	68	63	72	66	62	69	65	61	58
4	83	71	62	56	80	69	61	55	67	60	54	64	58	53	62	57	52	50
5	76	63	55	48	74	62	54	48	60	53	47	58	51	46	56	50	46	44
6	70	57	48	42	68	56	48	42	54	47	41	52	46	41	51	45	40	38
7	65	52	43	37	64	51	43	37	49	42	37	48	41	36	46	40	36	34
8	61	47	39	33	59	47	39	33	45	38	33	44	37	33	43	37	32	30
9	57	44	36	30	55	43	35	30	42	35	30	41	34	29	39	33	29	27
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

Unified Glare Rating Table

Lum. Name: DL44-10-XX-07 2700K RA80	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog:	Test Lab: Quality Deparment
Manufacture: Shenzhen Norming lightin	Test Machine:GON-2000	Test Date: 2021/08/24

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	25.6	27.2	26.0	27.6	27.9	24.3	25.8	24.7	26.2	26.6
	Y=3H	27.2	28.7	27.6	29.0	29.4	25.4	26.9	25.8	27.2	27.6
	Y=4H	27.9	29.3	28.3	29.6	30.1	25.8	27.2	26.2	27.5	28.0
	Y=6H	28.4	29.7	28.9	30.1	30.5	26.0	27.2	26.4	27.6	28.1
	Y=8H	28.7	29.9	29.1	30.3	30.7	26.0	27.2	26.4	27.6	28.1
	Y=12H	28.8	30.0	29.3	30.4	30.9	26.0	27.1	26.4	27.5	28.0
X=4H	Y=2H	26.3	27.7	26.7	28.1	28.5	25.0	26.3	25.4	26.7	27.1
	Y=3H	28.1	29.3	28.5	29.7	30.1	26.3	27.5	26.8	27.9	28.4
	Y=4H	28.9	29.9	29.4	30.4	30.9	26.8	27.8	27.3	28.3	28.8
	Y=6H	29.6	30.5	30.1	31.0	31.5	27.1	28.0	27.6	28.5	29.0
	Y=8H	29.8	30.7	30.3	31.2	31.7	27.1	28.0	27.6	28.4	28.9
	Y=12H	30.1	30.9	30.6	31.4	31.9	27.1	27.9	27.6	28.4	28.9
X=8H	Y=4H	29.2	30.1	29.7	30.6	31.1	27.1	28.0	27.6	28.4	28.9
	Y=6H	30.0	30.8	30.6	31.3	31.9	27.5	28.2	28.0	28.7	29.3
	Y=8H	30.4	31.0	30.9	31.6	32.1	27.5	28.2	28.1	28.7	29.2
	Y=12H	30.7	31.3	31.2	31.8	32.4	27.5	28.1	28.1	28.6	29.2
X=12H	Y=4H	29.3	30.0	29.8	30.5	31.0	27.1	27.9	27.6	28.4	28.9
	Y=6H	30.1	30.8	30.7	31.3	31.8	27.5	28.2	28.1	28.7	29.2
	Y=8H	30.5	31.1	31.0	31.6	32.2	27.6	28.2	28.1	28.7	29.3
Variations with the objerver position at spacings											
S=1.0H		0.4/-0.4					0.8/-1.0				
S=1.5H		0.7/-0.8					1.4/-1.7				
S=2.0H		0.9/-1.0					1.7/-2.2				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		3.0					2.0				

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	243.77	243.77	243.77	243.77
γ 1.0	244.69	241.71	244.16	242.86
γ 2.0	244.72	241.04	243.66	243.32
γ 3.0	244.77	240.04	242.97	243.43
γ 4.0	244.35	239.11	242.50	243.61
γ 5.0	244.15	237.97	241.65	244.01
γ 6.0	243.79	236.83	240.88	243.71
γ 7.0	243.15	235.41	239.72	243.55
γ 8.0	242.44	233.97	238.64	243.25
γ 9.0	241.67	232.28	237.35	242.90
γ 10.0	240.78	230.58	235.98	242.16
γ 11.0	239.82	228.89	234.62	241.48
γ 12.0	238.47	227.02	233.11	240.79
γ 13.0	237.60	225.14	231.34	239.60
γ 14.0	235.91	223.10	229.30	238.73
γ 15.0	234.49	220.95	227.56	237.61
γ 16.0	232.89	218.59	225.47	236.17
γ 17.0	231.31	216.27	223.48	234.89
γ 18.0	229.50	213.91	221.24	233.51
γ 19.0	227.60	211.26	219.03	231.84
γ 20.0	225.45	208.84	216.77	230.12
γ 21.0	223.38	206.29	214.15	228.27
γ 22.0	221.33	203.38	211.62	226.40
γ 23.0	219.12	200.70	208.99	224.45
γ 24.0	216.58	197.83	206.34	222.17
γ 25.0	214.05	195.06	203.71	219.95
γ 26.0	211.83	191.88	200.95	217.62
γ 27.0	209.13	188.97	198.14	215.51
γ 28.0	206.42	186.03	195.21	213.07
γ 29.0	203.66	182.91	192.08	210.38
γ 30.0	200.91	179.60	189.08	207.90
γ 31.0	197.97	176.36	186.07	204.99
γ 32.0	195.22	173.18	182.91	202.35
γ 33.0	192.05	170.00	179.67	199.48
γ 34.0	189.04	166.44	176.63	196.67
γ 35.0	186.04	163.25	173.14	193.73
γ 36.0	182.88	159.64	169.86	190.75
γ 37.0	179.57	156.31	166.50	187.65
γ 38.0	176.44	152.77	163.11	184.72
γ 39.0	173.22	149.24	159.63	181.49
γ 40.0	169.86	145.80	156.23	178.29
γ 41.0	166.47	142.26	152.84	175.02
γ 42.0	163.17	138.79	149.17	171.78
γ 43.0	159.74	135.11	145.68	168.53
γ 44.0	156.16	131.52	142.14	165.13
γ 45.0	152.75	128.08	138.73	161.83
γ 46.0	149.16	124.32	135.09	158.30

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	145.57	120.57	131.46	154.86
γ 48.0	142.04	116.96	127.93	151.63
γ 49.0	138.54	113.37	124.19	148.03
γ 50.0	134.87	109.62	120.56	144.42
γ 51.0	131.35	105.99	116.85	140.95
γ 52.0	127.69	102.38	113.23	137.31
γ 53.0	124.07	98.66	109.49	133.93
γ 54.0	120.36	94.96	105.92	130.23
γ 55.0	116.71	91.31	102.35	126.58
γ 56.0	113.03	87.53	98.56	122.88
γ 57.0	109.45	83.96	94.99	119.39
γ 58.0	105.61	80.32	91.25	115.68
γ 59.0	101.92	76.65	87.59	112.03
γ 60.0	98.29	73.03	83.95	108.41
γ 61.0	94.64	69.45	80.37	104.85
γ 62.0	90.98	65.81	76.74	101.03
γ 63.0	87.29	62.25	73.08	97.46
γ 64.0	83.58	58.73	69.46	93.79
γ 65.0	79.92	55.26	65.97	90.18
γ 66.0	76.21	51.79	62.35	86.65
γ 67.0	72.66	48.37	58.83	82.90
γ 68.0	68.96	45.03	55.42	79.31
γ 69.0	65.41	41.71	51.91	75.65
γ 70.0	61.87	38.47	48.53	72.04
γ 71.0	58.31	35.31	45.19	68.49
γ 72.0	54.77	32.19	41.94	64.92
γ 73.0	51.32	29.16	38.69	61.40
γ 74.0	47.96	26.20	35.51	57.92
γ 75.0	44.54	23.32	32.40	54.51
γ 76.0	41.31	20.50	29.40	51.08
γ 77.0	37.99	17.83	26.43	47.70
γ 78.0	34.83	15.22	23.60	44.37
γ 79.0	31.73	12.70	20.79	41.18
γ 80.0	28.69	10.27	18.08	37.93
γ 81.0	25.70	7.98	15.47	34.80
γ 82.0	22.80	5.82	12.94	31.71
γ 83.0	19.99	3.91	10.54	28.69
γ 84.0	17.29	2.63	8.23	25.77
γ 85.0	14.69	2.39	6.07	22.96
γ 86.0	12.15	2.31	4.11	20.16
γ 87.0	9.75	2.24	2.65	17.48
γ 88.0	7.45	2.16	2.17	14.89
γ 89.0	5.39	2.08	2.12	12.38
γ 90.0	3.86	2.03	2.05	9.77
γ 91.0	3.35	1.95	2.01	7.58
γ 92.0	3.21	1.89	1.95	4.43
γ 93.0	3.08	1.84	1.91	3.48

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	2.95	1.78	1.86	3.06
γ 95.0	2.84	1.73	1.81	2.94
γ 96.0	2.74	1.67	1.78	2.83
γ 97.0	2.62	1.62	1.73	2.72
γ 98.0	2.52	1.57	1.69	2.62
γ 99.0	2.45	1.53	1.66	2.54
γ 100.0	2.36	1.47	1.63	2.45
γ 101.0	2.29	1.45	1.60	2.39
γ 102.0	2.22	1.41	1.58	2.33
γ 103.0	2.14	1.38	1.55	2.26
γ 104.0	2.07	1.34	1.52	2.20
γ 105.0	2.01	1.33	1.50	2.15
γ 106.0	1.95	1.29	1.47	2.10
γ 107.0	1.88	1.29	1.46	2.05
γ 108.0	1.83	1.27	1.44	2.00
γ 109.0	1.79	1.26	1.43	1.95
γ 110.0	1.74	1.26	1.42	1.91
γ 111.0	1.69	1.26	1.42	1.88
γ 112.0	1.66	1.25	1.41	1.84
γ 113.0	1.62	1.26	1.40	1.82
γ 114.0	1.59	1.26	1.39	1.78
γ 115.0	1.57	1.27	1.39	1.76
γ 116.0	1.54	1.28	1.39	1.74
γ 117.0	1.52	1.29	1.38	1.72
γ 118.0	1.50	1.31	1.38	1.70
γ 119.0	1.49	1.32	1.38	1.69
γ 120.0	1.46	1.34	1.38	1.67
γ 121.0	1.47	1.36	1.38	1.65
γ 122.0	1.46	1.39	1.38	1.65
γ 123.0	1.45	1.41	1.39	1.64
γ 124.0	1.44	1.44	1.40	1.63
γ 125.0	1.44	1.47	1.41	1.62
γ 126.0	1.44	1.49	1.43	1.61
γ 127.0	1.45	1.52	1.46	1.60
γ 128.0	1.45	1.55	1.49	1.60
γ 129.0	1.45	1.58	1.50	1.59
γ 130.0	1.46	1.60	1.53	1.60
γ 131.0	1.47	1.64	1.52	1.60
γ 132.0	1.48	1.67	1.49	1.60
γ 133.0	1.50	1.70	1.51	1.63
γ 134.0	1.52	1.72	1.53	1.64
γ 135.0	1.58	1.76	1.55	1.67
γ 136.0	1.74	1.78	1.57	1.68
γ 137.0	1.67	1.81	1.58	1.69
γ 138.0	1.64	1.85	1.61	1.72
γ 139.0	1.57	1.86	1.63	1.74
γ 140.0	1.58	1.88	1.64	1.75

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	1.60	1.90	1.67	1.76
γ 142.0	1.62	1.90	1.68	1.78
γ 143.0	1.64	1.90	1.71	1.80
γ 144.0	1.65	1.92	1.73	1.82
γ 145.0	1.66	1.92	1.75	1.85
γ 146.0	1.69	1.93	1.76	1.87
γ 147.0	1.71	1.95	1.79	1.88
γ 148.0	1.73	1.97	1.82	1.91
γ 149.0	1.75	1.99	1.83	1.93
γ 150.0	1.77	2.01	1.86	1.95
γ 151.0	1.79	2.05	1.88	2.02
γ 152.0	1.81	2.07	1.90	2.18
γ 153.0	1.84	2.11	1.92	2.44
γ 154.0	1.86	2.13	1.95	2.39
γ 155.0	1.88	2.14	1.95	2.18
γ 156.0	1.90	2.17	1.98	2.12
γ 157.0	1.93	2.18	2.00	2.14
γ 158.0	1.94	2.19	2.05	2.17
γ 159.0	1.96	2.23	2.20	2.21
γ 160.0	1.98	2.23	2.34	2.30
γ 161.0	2.01	2.24	2.35	2.40
γ 162.0	2.01	2.27	2.36	2.38
γ 163.0	2.04	2.28	2.37	2.31
γ 164.0	2.06	2.29	2.38	2.32
γ 165.0	2.08	2.19	2.33	2.31
γ 166.0	2.09	2.09	2.19	2.25
γ 167.0	2.12	2.10	2.17	2.30
γ 168.0	2.22	2.11	2.17	2.39
γ 169.0	2.37	2.12	2.19	2.42
γ 170.0	2.43	2.14	2.20	2.44
γ 171.0	2.46	2.15	2.22	2.45
γ 172.0	2.32	2.17	2.22	2.47
γ 173.0	2.22	2.17	2.25	2.49
γ 174.0	2.22	2.18	2.25	2.34
γ 175.0	2.22	2.19	2.25	2.24
γ 176.0	2.25	2.21	2.25	2.24
γ 177.0	2.24	2.20	2.25	2.25
γ 178.0	2.26	2.21	2.26	2.25
γ 179.0	2.27	2.21	2.27	2.25
γ 180.0	2.26	2.26	2.26	2.26