

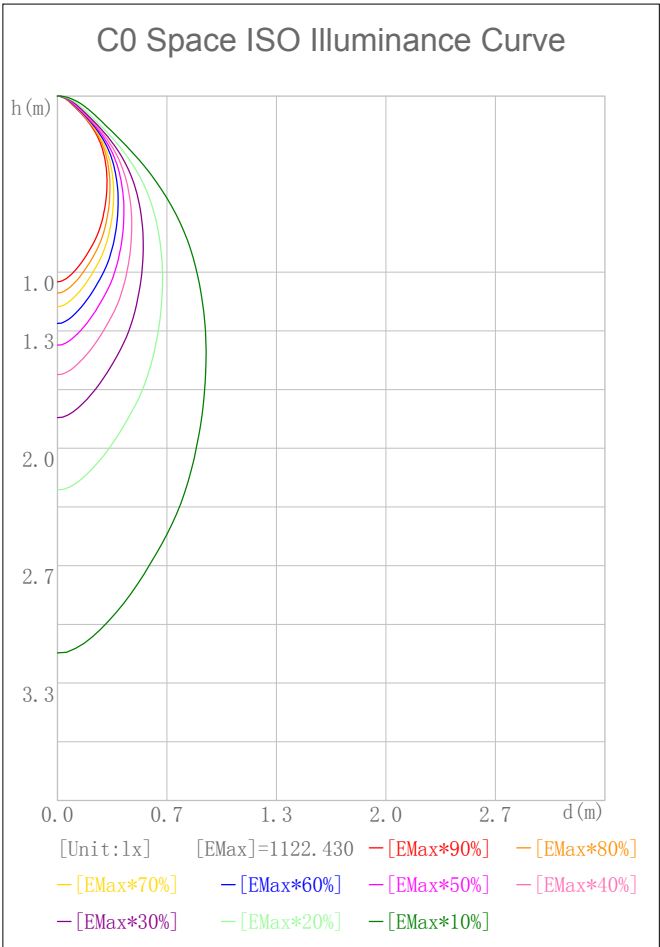
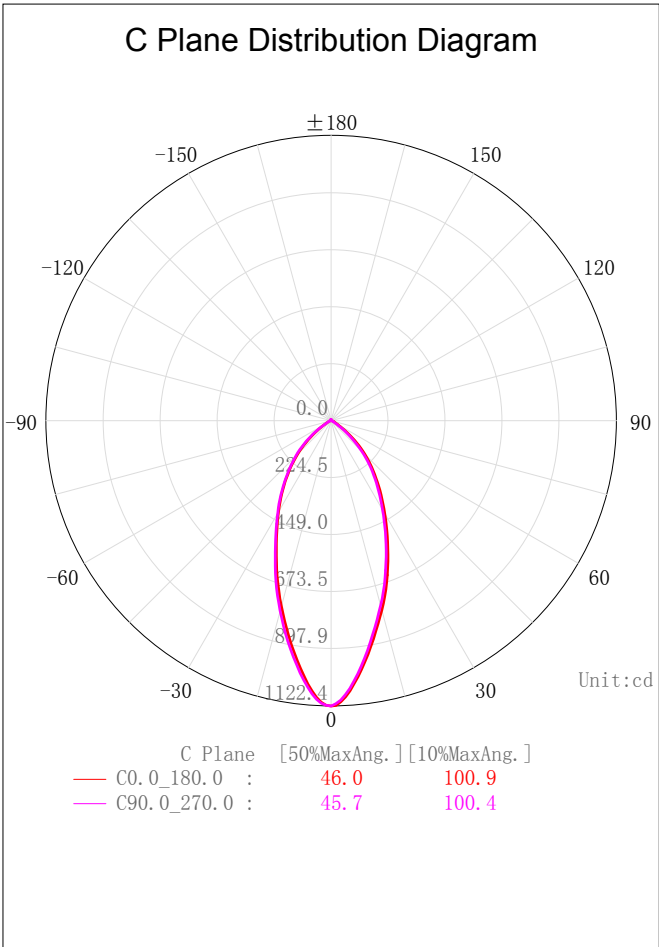
Indoor Luminaire Photometric Data

Description Information

Luminary Name:DL44-10-XX-05 4000K RA80 40D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2021/01/06
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):0.000m*0.000m*0.000m		Lum. Area (m2):0.000	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25	Humidity(%):

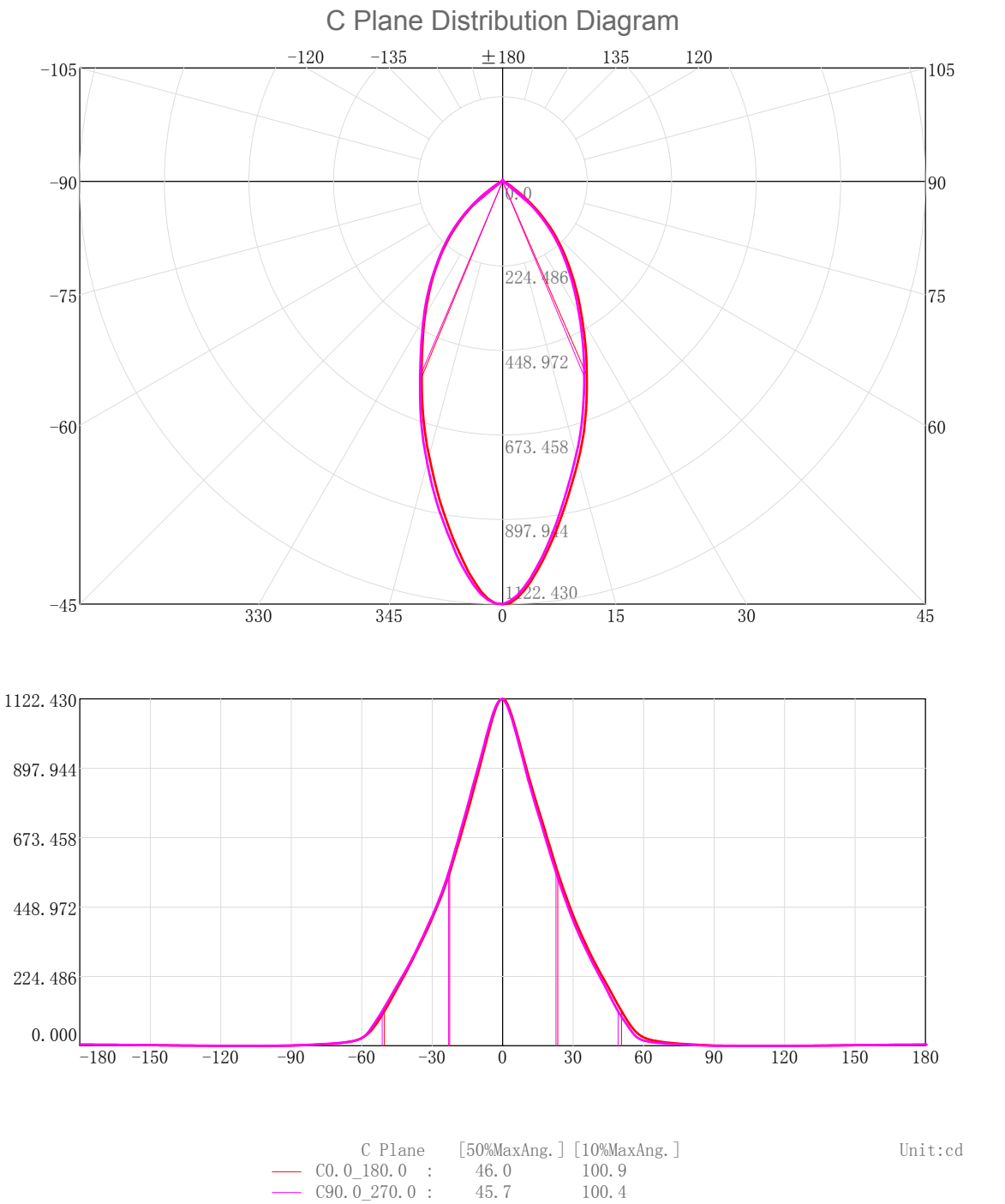
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 974.850	Luminary Flux(lm): 974.849	Field Angle(10%Imax): 100.9(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 970.005lm 99.50%	
Rated Voltage(V):	Luminary EER(lm/W): 96.711	Up Lumens&Percent: 4.845lm 0.50%	
Tested Power(W): 10.080	Max. Candela(cd): 1122.430	S/MH: C0_a180=0.686 C90_270=0.684	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=0.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.3, 0.045, 0.914	Beam Angle(50%Imax): 46.0(°)	ErP Φ use(90°): 827.313lm	
Lamp Size (W*L*H):0.000m*0.000m*0.000m	Left=-22.5°, Right=23.5°	IRF(%): 259.299	



2D Plane Light Intensity Distribution Curve

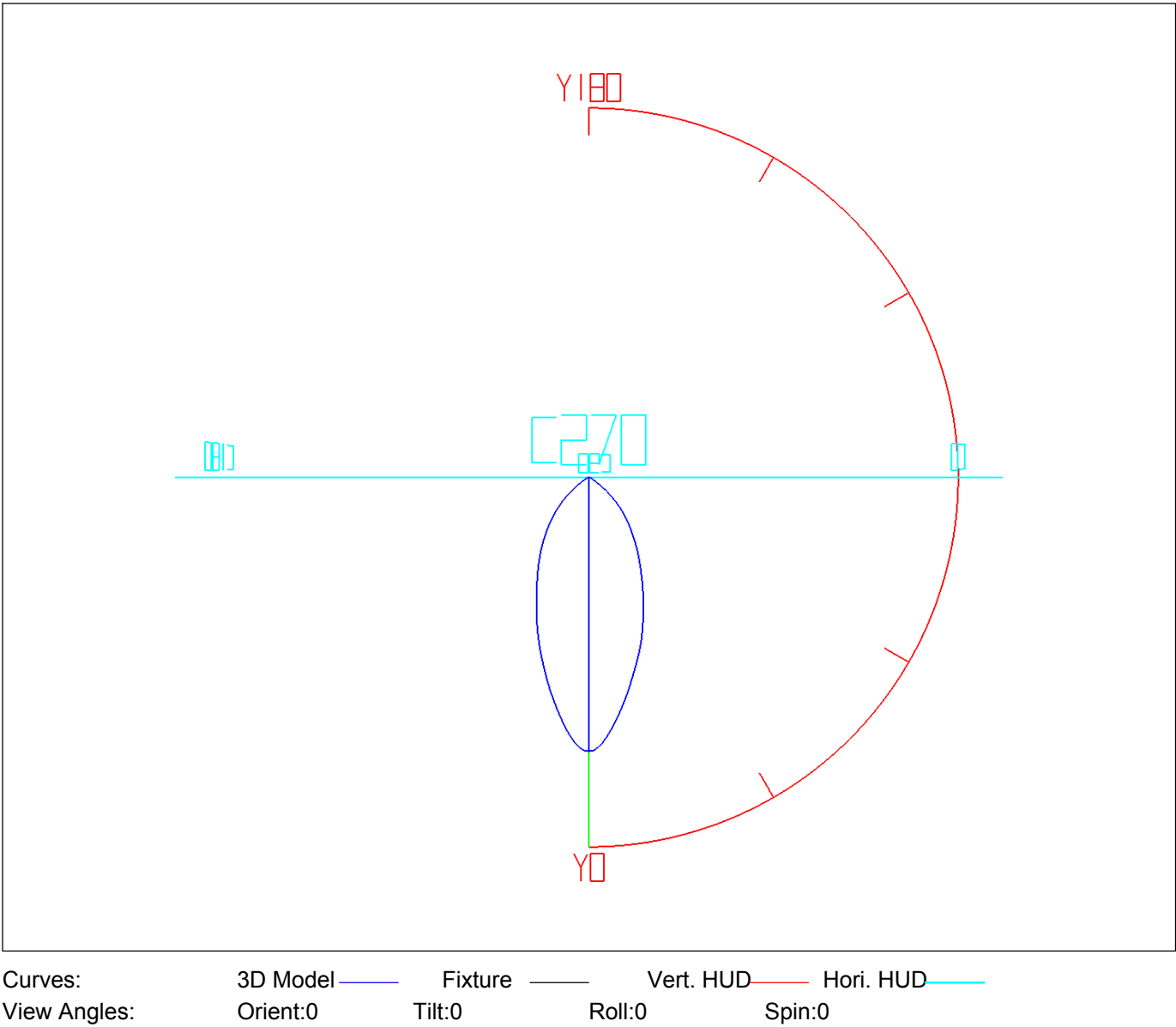
Lum. Name: DL44-10-XX-05 4000K RA80 40D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Deparment
Manufacture: Shenzhen Norming Lighting Co.Ltd	Test Machine:GON-2000	Test Date: 2021/01/06



3D Light Intensity Distribution Modal

Lum. Name: DL44-10-XX-05 4000K RA80 40D	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: 2021/01/06

3D Light Intensity Distribution Modal



IES Indoor Report

Photometric Filename:DL44-10-XX-05 4000K RA80 40D.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	1.07	1.07	0.11	0.11	47.0-48.0	12.14	870.42	1.25	89.29
1.0-2.0	3.19	4.27	0.33	0.44	48.0-49.0	11.21	881.64	1.15	90.44
2.0-3.0	5.25	9.52	0.54	0.98	49.0-50.0	10.27	891.90	1.05	91.49
3.0-4.0	7.21	16.73	0.74	1.72	50.0-51.0	9.32	901.22	0.96	92.45
4.0-5.0	9.06	25.79	0.93	2.65	51.0-52.0	8.39	909.61	0.86	93.31
5.0-6.0	10.79	36.59	1.11	3.75	52.0-53.0	7.48	917.09	0.77	94.08
6.0-7.0	12.41	48.99	1.27	5.03	53.0-54.0	6.57	923.66	0.67	94.75
7.0-8.0	13.90	62.89	1.43	6.45	54.0-55.0	5.68	929.34	0.58	95.33
8.0-9.0	15.28	78.17	1.57	8.02	55.0-56.0	4.83	934.17	0.50	95.83
9.0-10.0	16.54	94.71	1.70	9.71	56.0-57.0	4.05	938.22	0.42	96.24
10.0-11.0	17.70	112.40	1.82	11.53	57.0-58.0	3.37	941.60	0.35	96.59
11.0-12.0	18.75	131.15	1.92	13.45	58.0-59.0	2.83	944.42	0.29	96.88
12.0-13.0	19.70	150.85	2.02	15.47	59.0-60.0	2.42	946.84	0.25	97.13
13.0-14.0	20.55	171.39	2.11	17.58	60.0-61.0	2.11	948.95	0.22	97.34
14.0-15.0	21.31	192.70	2.19	19.77	61.0-62.0	1.88	950.83	0.19	97.54
15.0-16.0	21.99	214.70	2.26	22.02	62.0-63.0	1.69	952.51	0.17	97.71
16.0-17.0	22.58	237.28	2.32	24.34	63.0-64.0	1.53	954.04	0.16	97.87
17.0-18.0	23.06	260.34	2.37	26.71	64.0-65.0	1.39	955.44	0.14	98.01
18.0-19.0	23.43	283.76	2.40	29.11	65.0-66.0	1.28	956.72	0.13	98.14
19.0-20.0	23.69	307.45	2.43	31.54	66.0-67.0	1.18	957.90	0.12	98.26
20.0-21.0	23.87	331.32	2.45	33.99	67.0-68.0	1.09	958.99	0.11	98.37
21.0-22.0	23.96	355.28	2.46	36.44	68.0-69.0	1.02	960.00	0.10	98.48
22.0-23.0	23.98	379.26	2.46	38.90	69.0-70.0	0.95	960.95	0.10	98.57
23.0-24.0	23.96	403.22	2.46	41.36	70.0-71.0	0.88	961.83	0.09	98.66
24.0-25.0	23.90	427.12	2.45	43.81	71.0-72.0	0.82	962.66	0.08	98.75
25.0-26.0	23.78	450.90	2.44	46.25	72.0-73.0	0.77	963.43	0.08	98.83
26.0-27.0	23.62	474.52	2.42	48.68	73.0-74.0	0.72	964.14	0.07	98.90
27.0-28.0	23.42	497.94	2.40	51.08	74.0-75.0	0.67	964.81	0.07	98.97
28.0-29.0	23.17	521.11	2.38	53.46	75.0-76.0	0.62	965.43	0.06	99.03
29.0-30.0	22.90	544.01	2.35	55.80	76.0-77.0	0.57	966.00	0.06	99.09
30.0-31.0	22.59	566.60	2.32	58.12	77.0-78.0	0.53	966.53	0.05	99.15
31.0-32.0	22.26	588.86	2.28	60.40	78.0-79.0	0.49	967.02	0.05	99.20
32.0-33.0	21.89	610.75	2.25	62.65	79.0-80.0	0.45	967.46	0.05	99.24
33.0-34.0	21.47	632.21	2.20	64.85	80.0-81.0	0.41	967.87	0.04	99.28
34.0-35.0	21.01	653.23	2.16	67.01	81.0-82.0	0.37	968.24	0.04	99.32
35.0-36.0	20.52	673.74	2.10	69.11	82.0-83.0	0.33	968.58	0.03	99.36
36.0-37.0	19.99	693.74	2.05	71.16	83.0-84.0	0.30	968.88	0.03	99.39
37.0-38.0	19.43	713.17	1.99	73.16	84.0-85.0	0.27	969.15	0.03	99.42
38.0-39.0	18.84	732.01	1.93	75.09	85.0-86.0	0.24	969.39	0.02	99.44
39.0-40.0	18.24	750.26	1.87	76.96	86.0-87.0	0.21	969.59	0.02	99.46
40.0-41.0	17.62	767.87	1.81	78.77	87.0-88.0	0.17	969.77	0.02	99.48
41.0-42.0	16.95	784.82	1.74	80.51	88.0-89.0	0.14	969.90	0.01	99.49
42.0-43.0	16.25	801.07	1.67	82.17	89.0-90.0	0.10	970.00	0.01	99.50
43.0-44.0	15.51	816.59	1.59	83.77	90.0-91.0	0.08	970.08	0.01	99.51
44.0-45.0	14.74	831.32	1.51	85.28	91.0-92.0	0.07	970.15	0.01	99.52
45.0-46.0	13.91	845.24	1.43	86.70	92.0-93.0	0.06	970.21	0.01	99.52
46.0-47.0	13.04	858.28	1.34	88.04	93.0-94.0	0.05	970.26	0.00	99.53

IES Indoor Report

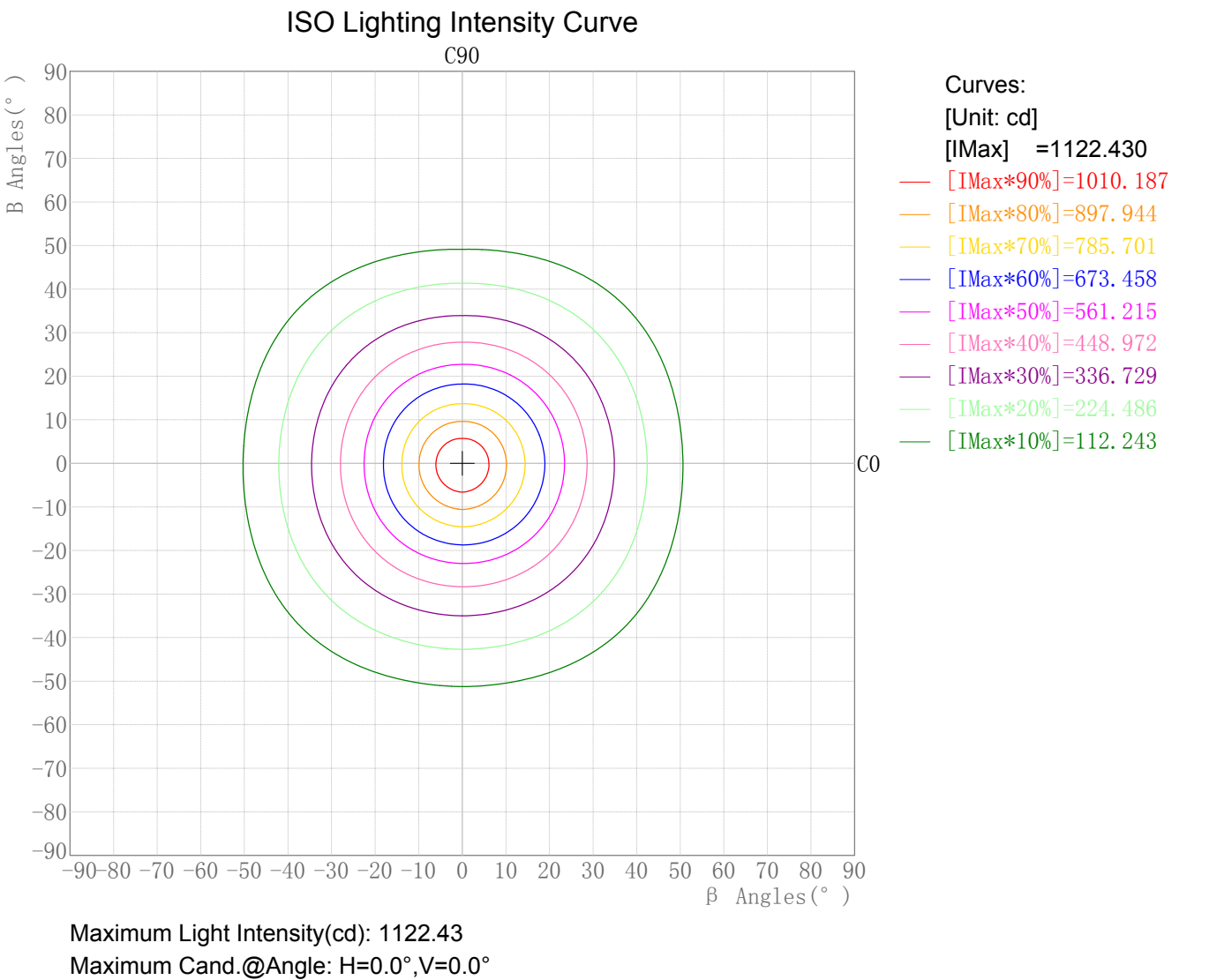
Photometric Filename:DL44-10-XX-05 4000K RA80 40D.IES

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	0.04	970.30	0.00	99.53	141.0-142.0	0.10	971.48	0.01	99.65
95.0-96.0	0.03	970.33	0.00	99.54	142.0-143.0	0.10	971.58	0.01	99.66
96.0-97.0	0.03	970.36	0.00	99.54	143.0-144.0	0.10	971.68	0.01	99.68
97.0-98.0	0.02	970.38	0.00	99.54	144.0-145.0	0.11	971.79	0.01	99.69
98.0-99.0	0.02	970.40	0.00	99.54	145.0-146.0	0.11	971.90	0.01	99.70
99.0-100.0	0.02	970.42	0.00	99.55	146.0-147.0	0.11	972.01	0.01	99.71
100.0-101.0	0.01	970.43	0.00	99.55	147.0-148.0	0.12	972.13	0.01	99.72
101.0-102.0	0.01	970.44	0.00	99.55	148.0-149.0	0.12	972.25	0.01	99.73
102.0-103.0	0.01	970.45	0.00	99.55	149.0-150.0	0.12	972.36	0.01	99.75
103.0-104.0	0.01	970.45	0.00	99.55	150.0-151.0	0.12	972.49	0.01	99.76
104.0-105.0	0.00	970.46	0.00	99.55	151.0-152.0	0.12	972.61	0.01	99.77
105.0-106.0	0.00	970.46	0.00	99.55	152.0-153.0	0.12	972.73	0.01	99.78
106.0-107.0	0.00	970.46	0.00	99.55	153.0-154.0	0.12	972.85	0.01	99.79
107.0-108.0	0.00	970.46	0.00	99.55	154.0-155.0	0.12	972.97	0.01	99.81
108.0-109.0	0.00	970.46	0.00	99.55	155.0-156.0	0.12	973.09	0.01	99.82
109.0-110.0	0.00	970.46	0.00	99.55	156.0-157.0	0.12	973.21	0.01	99.83
110.0-111.0	0.00	970.46	0.00	99.55	157.0-158.0	0.12	973.33	0.01	99.84
111.0-112.0	0.00	970.46	0.00	99.55	158.0-159.0	0.12	973.45	0.01	99.86
112.0-113.0	0.00	970.46	0.00	99.55	159.0-160.0	0.11	973.56	0.01	99.87
113.0-114.0	0.00	970.46	0.00	99.55	160.0-161.0	0.11	973.67	0.01	99.88
114.0-115.0	0.00	970.46	0.00	99.55	161.0-162.0	0.11	973.78	0.01	99.89
115.0-116.0	0.00	970.46	0.00	99.55	162.0-163.0	0.11	973.89	0.01	99.90
116.0-117.0	0.00	970.46	0.00	99.55	163.0-164.0	0.10	973.99	0.01	99.91
117.0-118.0	0.00	970.46	0.00	99.55	164.0-165.0	0.10	974.08	0.01	99.92
118.0-119.0	0.00	970.47	0.00	99.55	165.0-166.0	0.09	974.18	0.01	99.93
119.0-120.0	0.00	970.47	0.00	99.55	166.0-167.0	0.09	974.26	0.01	99.94
120.0-121.0	0.00	970.47	0.00	99.55	167.0-168.0	0.08	974.35	0.01	99.95
121.0-122.0	0.01	970.48	0.00	99.55	168.0-169.0	0.08	974.42	0.01	99.96
122.0-123.0	0.01	970.48	0.00	99.55	169.0-170.0	0.07	974.50	0.01	99.96
123.0-124.0	0.01	970.49	0.00	99.55	170.0-171.0	0.07	974.56	0.01	99.97
124.0-125.0	0.01	970.51	0.00	99.55	171.0-172.0	0.06	974.62	0.01	99.98
125.0-126.0	0.02	970.53	0.00	99.56	172.0-173.0	0.05	974.67	0.01	99.98
126.0-127.0	0.02	970.55	0.00	99.56	173.0-174.0	0.05	974.72	0.00	99.99
127.0-128.0	0.03	970.57	0.00	99.56	174.0-175.0	0.04	974.76	0.00	99.99
128.0-129.0	0.03	970.60	0.00	99.56	175.0-176.0	0.03	974.79	0.00	99.99
129.0-130.0	0.04	970.64	0.00	99.57	176.0-177.0	0.03	974.82	0.00	100.00
130.0-131.0	0.04	970.68	0.00	99.57	177.0-178.0	0.02	974.83	0.00	100.00
131.0-132.0	0.05	970.73	0.00	99.58	178.0-179.0	0.01	974.85	0.00	100.00
132.0-133.0	0.05	970.78	0.01	99.58	179.0-180.0	0.00	974.85	0.00	100.00
133.0-134.0	0.06	970.84	0.01	99.59					
134.0-135.0	0.06	970.90	0.01	99.59					
135.0-136.0	0.07	970.97	0.01	99.60					
136.0-137.0	0.07	971.04	0.01	99.61					
137.0-138.0	0.08	971.12	0.01	99.62					
138.0-139.0	0.08	971.20	0.01	99.63					
139.0-140.0	0.09	971.29	0.01	99.64					
140.0-141.0	0.09	971.38	0.01	99.64					

Rectangle ISO Lighting Intensity Diagram

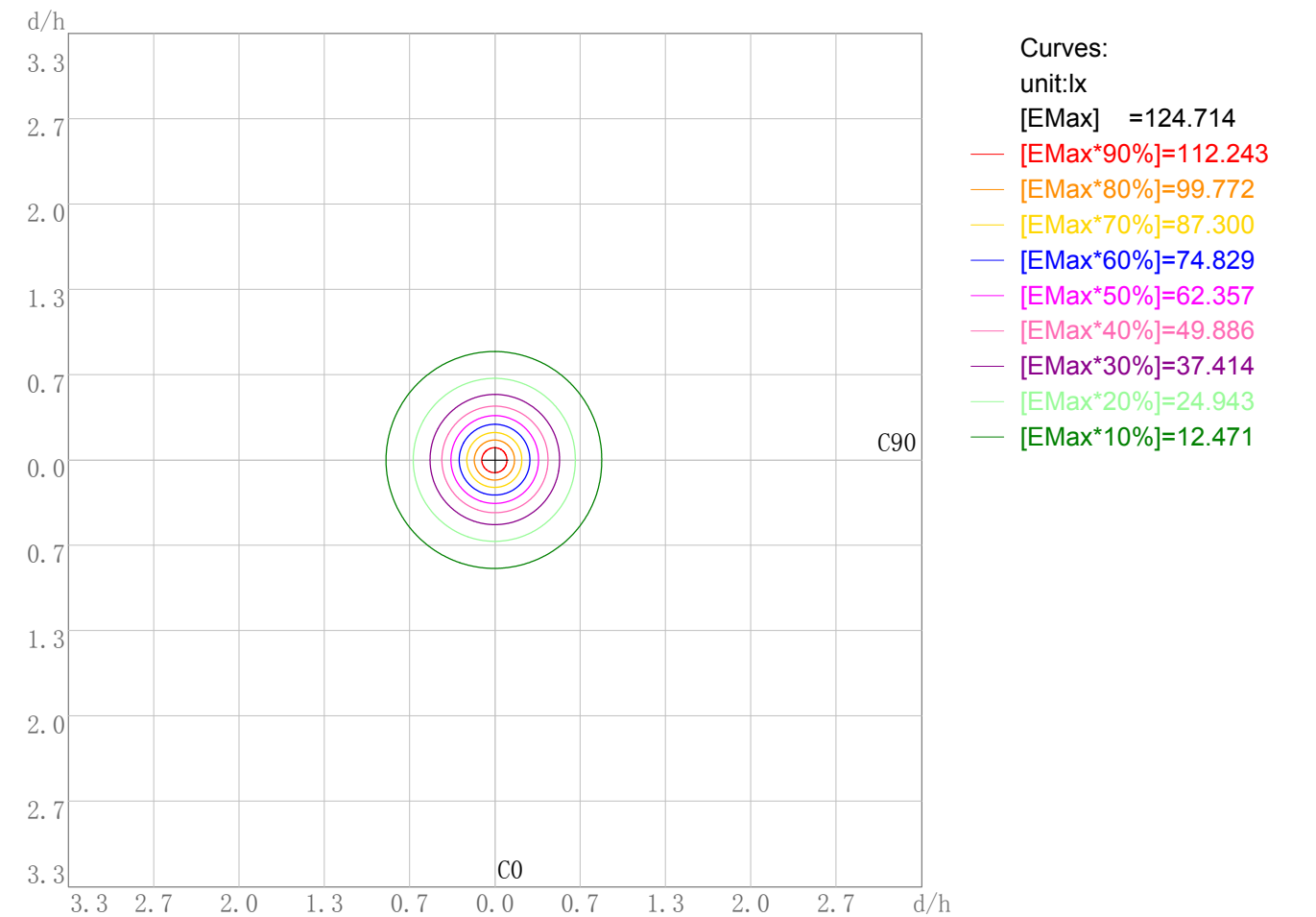
Lum. Name: DL44-10-XX-05 4000K RA80 40D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co.Ltd	Test Machine:GON-2000	Test Date: 2021/01/06



Plane ISO-Illuminance Diagram

Lum. Name: DL44-10-XX-05 4000K RA80 40D	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: 2021/01/06

Plane ISO-Illuminance Curve



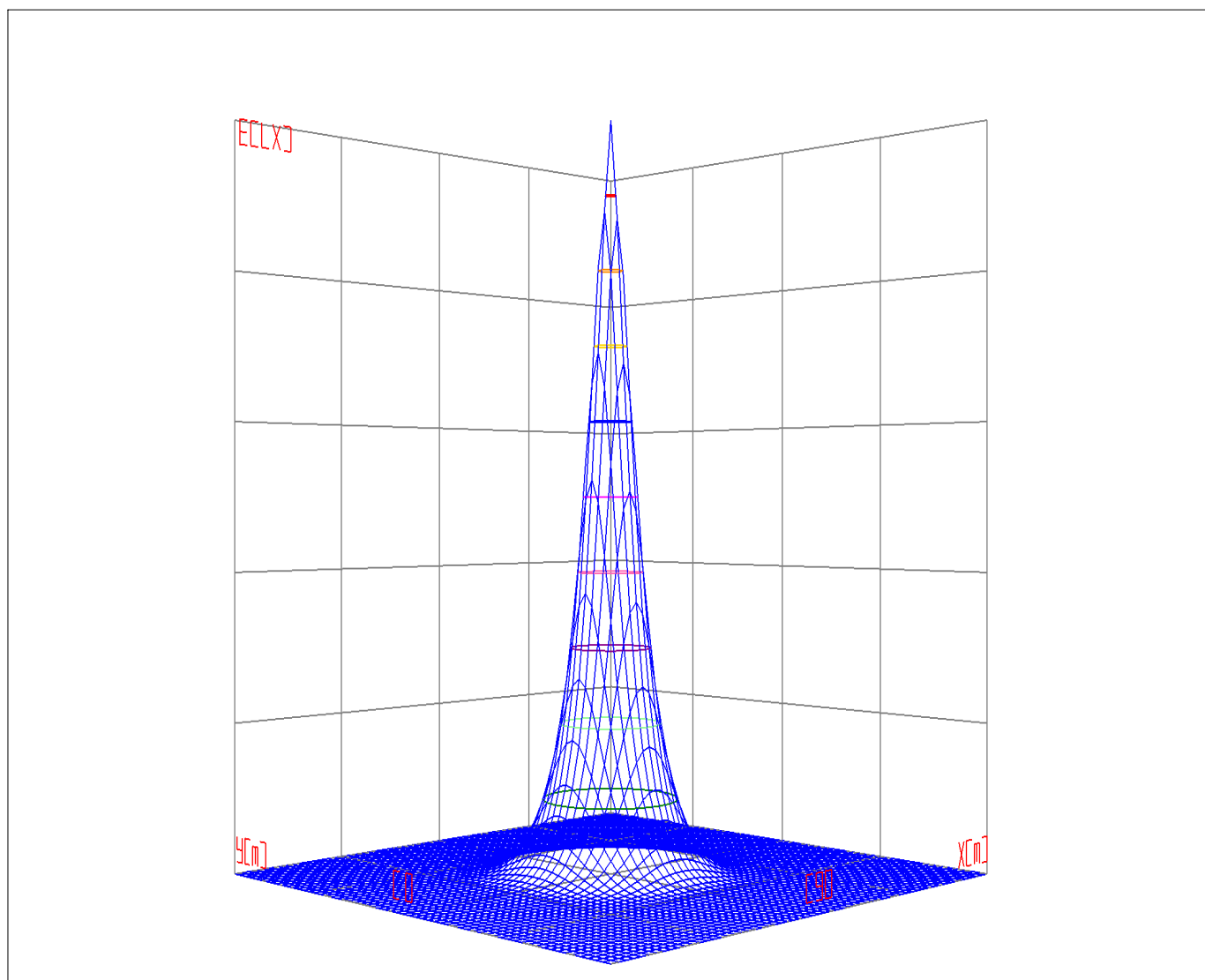
## IES Indoor Report

Photometric Filename:DL44-10-XX-05 4000K RA80 40D.IES

### 3D Plane ISO Illuminance Diagram

Lum. Name: DL44-10-XX-05 4000K RA80 40D	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: 2021/01/06

### 3D Plane Illuminance Modal



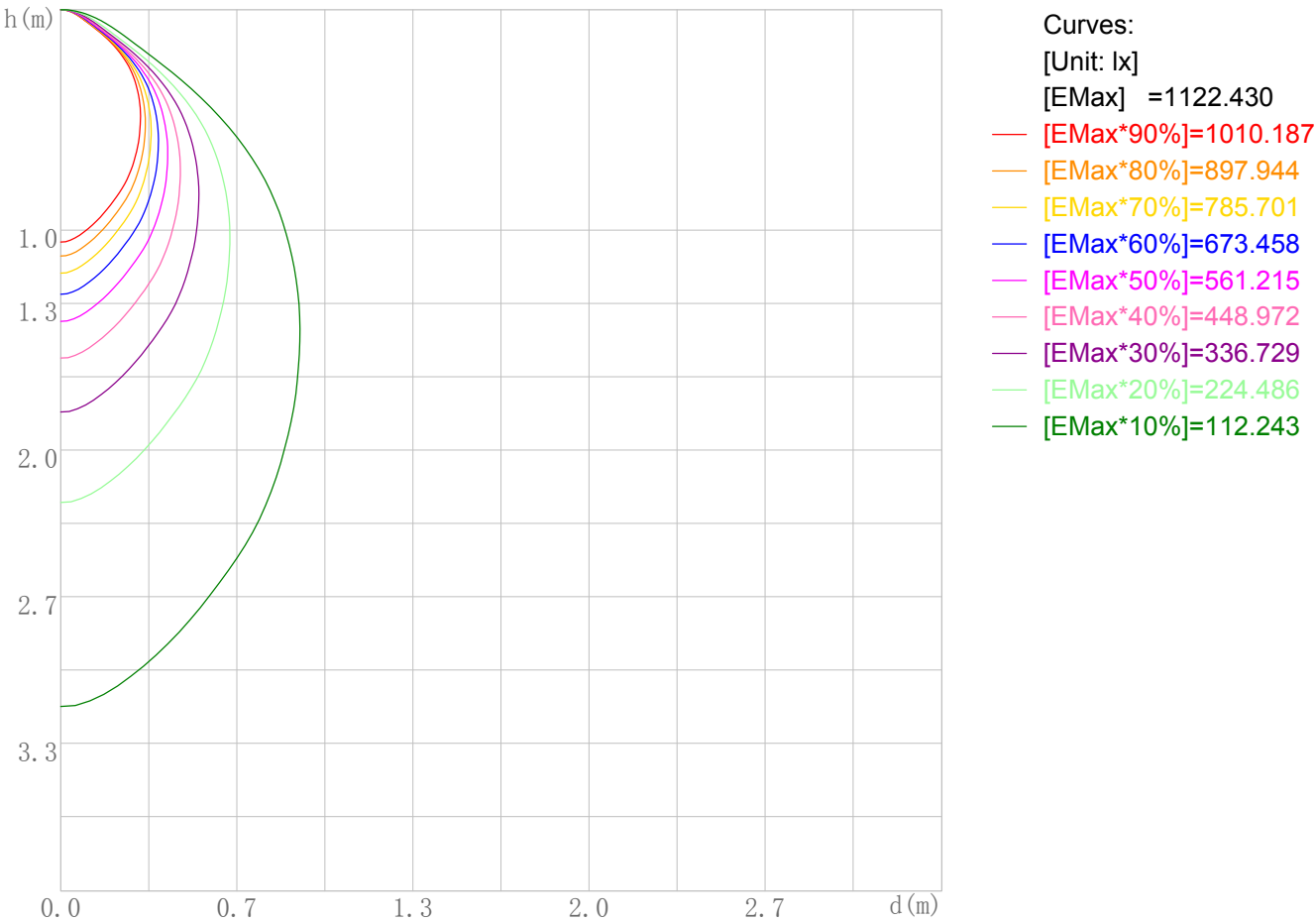
Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0



Space ISO Illuminance Diagram

Lum. Name: DL44-10-XX-05 4000K RA80 40D	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: 2021/01/06

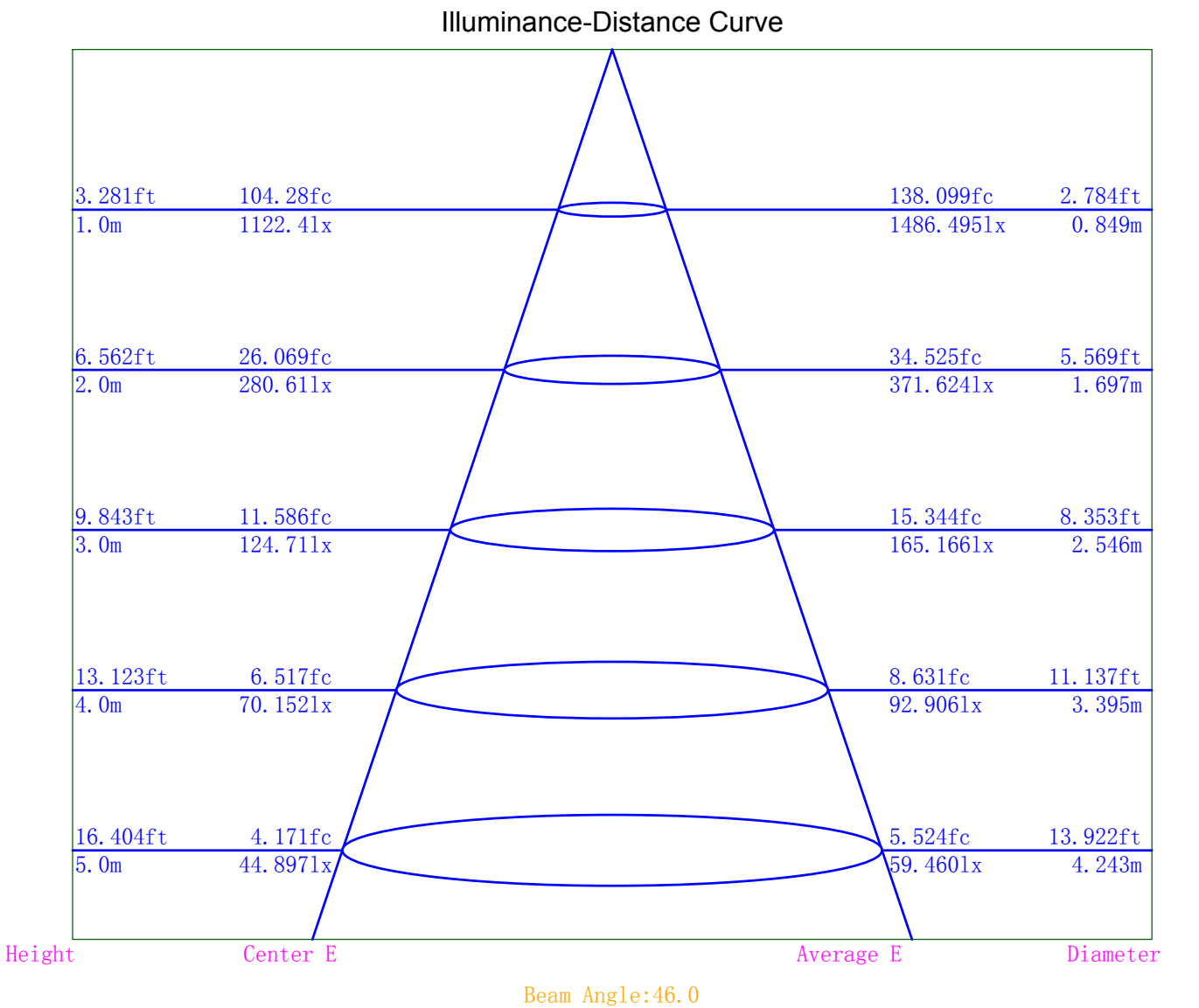
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1122.43lx,0.0deg  
Plane Maximum Lighting Intensity and @Angle:1122.430cd,0deg

Illuminance-Distance Diagram

Lum. Name: DL44-10-XX-05 4000K RA80 40D	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: 2021/01/06



Indoor Luminance Limiting Curves

Lum. Name: DL44-10-XX-05 4000K RA80 40D	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: 2021/01/06

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	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

Luminance Limiting Curve



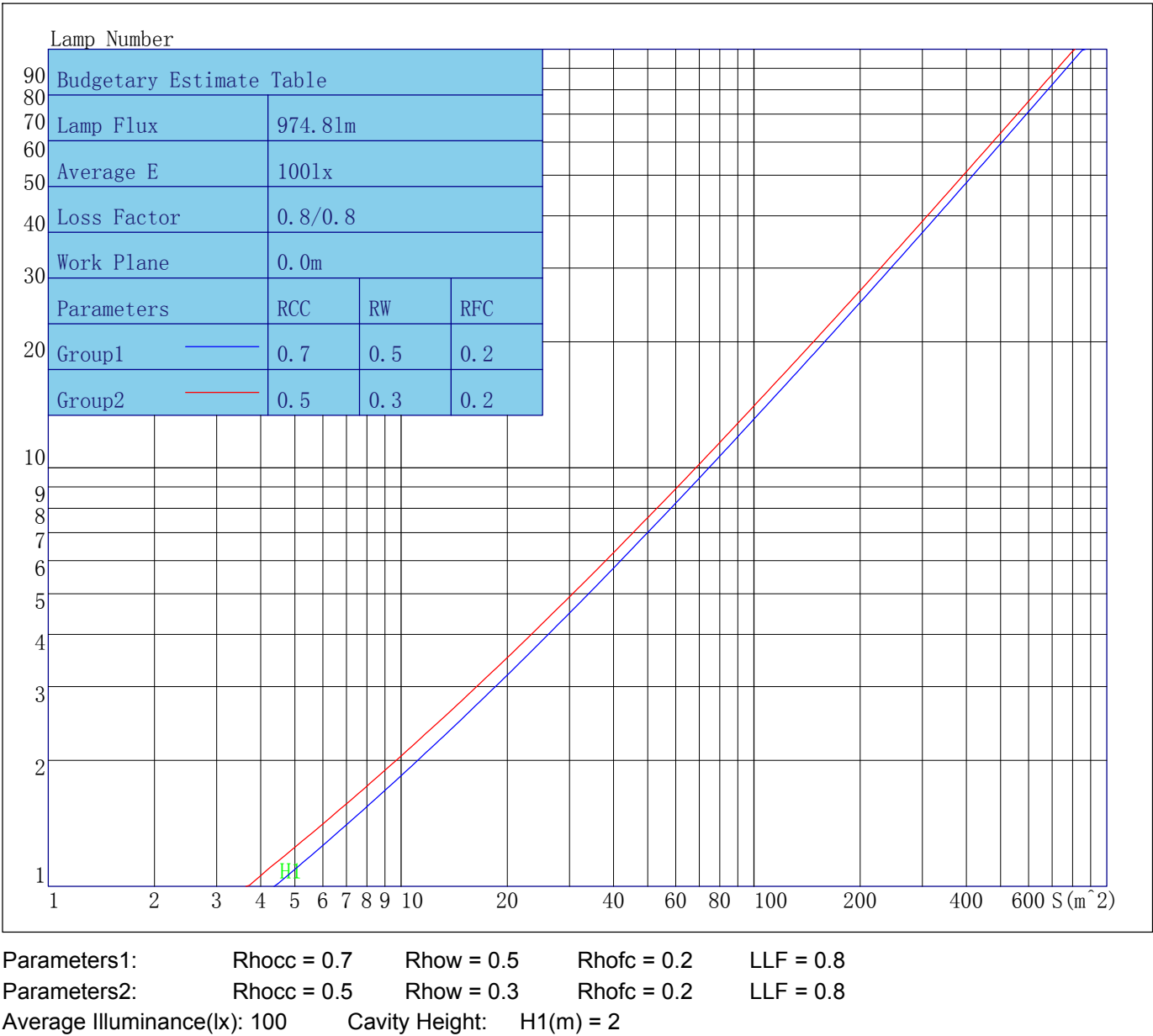
Luminous Size: Length(m)=0.000 Width(m)=0.000 Height(m)=0.000 Area(m^2)=0.000000

Luminous Type: Without Luminous Side

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

Indoor Budgetary Estimate Table

Lum. Name: DL44-10-XX-05 4000K RA80 40D	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: 2021/01/06



Indoor Coefficient of Utilization Table

Lum. Name: DL44-10-XX-05 4000K RA80 40D	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: 2021/01/06

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	112	109	107	104	110	107	105	102	103	101	99	99	97	96	96	94	93	91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83
3	100	92	87	82	97	91	86	81	88	84	80	85	82	79	83	80	77	76
4	94	85	79	74	92	84	78	74	82	77	73	79	75	72	77	74	71	69
5	88	79	72	67	86	78	72	67	76	70	66	74	69	66	72	68	65	63
6	83	73	66	62	81	72	66	61	71	65	61	69	64	60	68	63	60	58
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	63	59	55	54
8	74	64	57	52	73	63	57	52	62	56	52	61	55	52	60	55	51	50
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	51	48	46
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	43

Unified Glare Rating Table

Lum. Name: DL44-10-XX-05 4000K RA80 40D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Deparment
Manufacture: Shenzhen Norming Lighting Co.Ltd	Test Machine:GON-2000	Test Date: 2021/01/06

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	-1.2	-0.1	-0.9	0.3	0.6	-1.2	-0.1	-0.9	0.3	0.6	
	Y=3H	-1.4	-0.4	-1.0	-0.0	0.4	-1.4	-0.4	-1.0	-0.0	0.4
	Y=4H	-1.5	-0.5	-1.1	-0.2	0.2	-1.5	-0.5	-1.1	-0.2	0.2
	Y=6H	-1.6	-0.7	-1.2	-0.3	0.1	-1.6	-0.7	-1.2	-0.3	0.1
	Y=8H	-1.6	-0.8	-1.2	-0.4	0.0	-1.6	-0.8	-1.2	-0.4	0.0
	Y=12H	-1.7	-0.9	-1.2	-0.5	-0.1	-1.7	-0.9	-1.2	-0.5	-0.1
X=4H    Y=2H	-1.5	-0.5	-1.1	-0.2	0.2	-1.5	-0.5	-1.1	-0.2	0.2	
	Y=3H	-1.7	-0.9	-1.2	-0.5	-0.0	-1.7	-0.9	-1.2	-0.5	-0.0
	Y=4H	-1.8	-1.1	-1.3	-0.6	-0.2	-1.8	-1.1	-1.3	-0.6	-0.2
	Y=6H	-1.9	-1.3	-1.4	-0.8	-0.3	-1.9	-1.3	-1.4	-0.8	-0.3
	Y=8H	-1.9	-1.4	-1.5	-0.9	-0.4	-1.9	-1.4	-1.5	-0.9	-0.4
	Y=12H	-2.0	-1.5	-1.5	-1.0	-0.5	-2.0	-1.5	-1.5	-1.0	-0.5
X=8H    Y=4H	-1.9	-1.4	-1.5	-0.9	-0.4	-1.9	-1.4	-1.5	-0.9	-0.4	
	Y=6H	-2.1	-1.6	-1.5	-1.1	-0.5	-2.1	-1.6	-1.5	-1.1	-0.5
	Y=8H	-2.1	-1.7	-1.6	-1.2	-0.7	-2.1	-1.7	-1.6	-1.2	-0.7
	Y=12H	-2.2	-1.8	-1.6	-1.3	-0.7	-2.2	-1.8	-1.6	-1.3	-0.7
X=12H    Y=4H	-2.0	-1.5	-1.5	-1.0	-0.5	-2.0	-1.5	-1.5	-1.0	-0.5	
	Y=6H	-2.1	-1.7	-1.6	-1.2	-0.7	-2.1	-1.7	-1.6	-1.2	-0.7
	Y=8H	-2.2	-1.8	-1.6	-1.3	-0.7	-2.2	-1.8	-1.6	-1.3	-0.7
Variations with the objerver position at spacings											
S=1.0H	0.0/0.0					0.0/0.0					
S=1.5H	0.0/0.0					0.0/0.0					
S=2.0H	0.0/0.0					0.0/0.0					
Reduced UGR Table:											
Nordic Standard Table:	BK0					BK0					
Correction Value	0.0					0.0					

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

IES Indoor Report

Photometric Filename:DL44-10-XX-05 4000K RA80 40D.IES

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Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	1122.43	1122.43	1122.43	1122.43
γ 1.0	1120.20	1113.71	1119.91	1119.94
γ 2.0	1106.52	1099.82	1108.48	1111.92
γ 3.0	1088.37	1079.48	1090.46	1097.32
γ 4.0	1065.28	1056.17	1066.16	1076.84
γ 5.0	1039.29	1029.02	1040.76	1052.47
γ 6.0	1013.13	1002.43	1011.60	1026.67
γ 7.0	985.67	973.39	982.29	999.91
γ 8.0	957.98	945.20	954.07	969.49
γ 9.0	929.96	916.22	924.37	942.16
γ 10.0	901.64	886.46	895.66	913.59
γ 11.0	874.32	857.74	867.23	887.03
γ 12.0	846.72	830.64	838.20	858.61
γ 13.0	820.58	803.89	809.68	830.76
γ 14.0	795.73	777.42	781.65	801.45
γ 15.0	771.10	752.84	754.49	774.02
γ 16.0	747.02	728.80	728.89	746.50
γ 17.0	722.79	703.65	701.80	720.42
γ 18.0	698.33	678.74	675.75	693.08
γ 19.0	672.20	652.45	649.83	666.14
γ 20.0	646.95	626.89	624.12	638.78
γ 21.0	621.80	602.10	598.66	612.05
γ 22.0	597.20	578.34	573.33	585.18
γ 23.0	572.18	554.72	549.66	560.72
γ 24.0	549.04	531.97	527.89	537.39
γ 25.0	526.86	509.38	506.54	515.53
γ 26.0	504.79	487.22	485.87	494.18
γ 27.0	483.29	465.78	466.23	474.38
γ 28.0	461.96	445.18	448.06	454.67
γ 29.0	441.57	424.68	430.13	436.82
γ 30.0	422.40	405.35	412.09	418.94
γ 31.0	403.90	386.59	394.99	402.65
γ 32.0	386.03	369.43	378.09	386.28
γ 33.0	368.69	351.95	361.96	369.55
γ 34.0	351.69	335.30	345.83	352.71
γ 35.0	334.79	319.09	330.02	336.74
γ 36.0	318.36	303.38	314.68	320.65
γ 37.0	302.71	288.06	299.29	304.94
γ 38.0	287.17	272.77	283.99	289.74
γ 39.0	272.47	258.19	269.07	274.97
γ 40.0	258.09	243.96	254.74	260.90
γ 41.0	244.03	229.48	240.20	247.28
γ 42.0	230.24	215.16	225.98	233.79
γ 43.0	216.39	200.75	211.96	220.52
γ 44.0	202.84	186.23	198.07	207.48
γ 45.0	189.27	171.20	184.46	194.29
γ 46.0	175.51	156.28	170.79	181.20

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	161.50	141.64	157.04	167.93
γ 48.0	147.61	127.37	143.27	154.92
γ 49.0	133.97	113.92	129.67	141.52
γ 50.0	120.33	101.19	116.13	128.20
γ 51.0	107.24	89.00	103.61	115.43
γ 52.0	94.65	78.08	91.47	102.87
γ 53.0	82.45	67.31	79.81	90.94
γ 54.0	71.11	56.33	68.89	79.38
γ 55.0	60.78	45.63	58.62	68.26
γ 56.0	51.50	36.17	49.35	57.38
γ 57.0	43.56	28.77	41.49	46.14
γ 58.0	36.98	23.51	34.91	36.29
γ 59.0	31.72	19.91	29.54	29.11
γ 60.0	27.59	17.37	25.20	24.26
γ 61.0	24.39	15.39	21.83	20.93
γ 62.0	21.82	13.67	19.17	18.49
γ 63.0	19.72	12.27	17.05	16.46
γ 64.0	17.92	11.11	15.30	14.73
γ 65.0	16.34	10.19	13.78	13.28
γ 66.0	14.98	9.45	12.49	12.02
γ 67.0	13.76	8.80	11.37	11.00
γ 68.0	12.66	8.21	10.36	10.13
γ 69.0	11.69	7.66	9.46	9.42
γ 70.0	10.80	7.15	8.67	8.81
γ 71.0	10.01	6.64	7.94	8.28
γ 72.0	9.26	6.21	7.31	7.78
γ 73.0	8.57	5.77	6.70	7.30
γ 74.0	7.92	5.36	6.13	6.86
γ 75.0	7.31	4.93	5.61	6.43
γ 76.0	6.75	4.47	5.13	6.01
γ 77.0	6.21	4.08	4.70	5.60
γ 78.0	5.71	3.72	4.29	5.17
γ 79.0	5.26	3.35	3.93	4.81
γ 80.0	4.82	2.97	3.59	4.46
γ 81.0	4.40	2.60	3.29	4.11
γ 82.0	4.01	2.26	2.98	3.74
γ 83.0	3.61	1.98	2.66	3.38
γ 84.0	3.27	1.72	2.36	3.07
γ 85.0	2.94	1.45	2.11	2.82
γ 86.0	2.57	1.20	1.83	2.55
γ 87.0	2.21	0.92	1.51	2.29
γ 88.0	1.80	0.62	1.18	2.00
γ 89.0	1.42	0.34	0.85	1.70
γ 90.0	1.11	0.19	0.55	1.38
γ 91.0	0.98	0.09	0.41	1.13
γ 92.0	0.87	0.00	0.32	1.02
γ 93.0	0.76	0.00	0.25	0.90



Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.65	0.00	0.18	0.81
γ 95.0	0.57	0.00	0.10	0.70
γ 96.0	0.47	0.00	0.03	0.62
γ 97.0	0.40	0.00	0.00	0.54
γ 98.0	0.32	0.00	0.00	0.46
γ 99.0	0.26	0.00	0.00	0.39
γ 100.0	0.20	0.00	0.00	0.33
γ 101.0	0.16	0.00	0.00	0.28
γ 102.0	0.11	0.00	0.00	0.22
γ 103.0	0.06	0.00	0.00	0.17
γ 104.0	0.02	0.00	0.00	0.13
γ 105.0	0.00	0.00	0.00	0.10
γ 106.0	0.00	0.00	0.00	0.07
γ 107.0	0.00	0.00	0.00	0.05
γ 108.0	0.00	0.00	0.00	0.02
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	0.01
γ 117.0	0.00	0.00	0.00	0.03
γ 118.0	0.00	0.00	0.00	0.06
γ 119.0	0.00	0.00	0.00	0.09
γ 120.0	0.00	0.00	0.00	0.11
γ 121.0	0.03	0.00	0.00	0.15
γ 122.0	0.06	0.00	0.01	0.18
γ 123.0	0.11	0.00	0.05	0.23
γ 124.0	0.13	0.00	0.12	0.27
γ 125.0	0.19	0.00	0.17	0.32
γ 126.0	0.24	0.00	0.24	0.38
γ 127.0	0.29	0.02	0.31	0.44
γ 128.0	0.35	0.10	0.38	0.49
γ 129.0	0.41	0.17	0.44	0.55
γ 130.0	0.47	0.24	0.52	0.62
γ 131.0	0.55	0.32	0.60	0.69
γ 132.0	0.61	0.39	0.67	0.75
γ 133.0	0.68	0.47	0.76	0.84
γ 134.0	0.76	0.56	0.84	0.90
γ 135.0	0.85	0.64	0.93	0.98
γ 136.0	0.91	0.73	1.01	1.06
γ 137.0	1.00	0.82	1.09	1.15
γ 138.0	1.08	0.90	1.19	1.23
γ 139.0	1.16	1.00	1.28	1.31
γ 140.0	1.25	1.09	1.37	1.40

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	1.33	1.19	1.46	1.48
γ 142.0	1.42	1.28	1.55	1.56
γ 143.0	1.50	1.37	1.64	1.65
γ 144.0	1.59	1.47	1.73	1.74
γ 145.0	1.68	1.56	1.83	1.83
γ 146.0	1.77	1.65	1.93	1.92
γ 147.0	1.87	1.75	2.01	2.01
γ 148.0	1.96	1.85	2.10	2.09
γ 149.0	2.05	1.94	2.20	2.18
γ 150.0	2.14	2.03	2.28	2.26
γ 151.0	2.24	2.13	2.38	2.34
γ 152.0	2.32	2.22	2.46	2.42
γ 153.0	2.40	2.31	2.55	2.51
γ 154.0	2.49	2.39	2.64	2.60
γ 155.0	2.59	2.47	2.72	2.68
γ 156.0	2.66	2.56	2.81	2.76
γ 157.0	2.76	2.64	2.88	2.84
γ 158.0	2.84	2.73	2.96	2.91
γ 159.0	2.91	2.82	3.03	2.99
γ 160.0	3.00	2.88	3.11	3.06
γ 161.0	3.07	2.96	3.18	3.13
γ 162.0	3.15	3.03	3.25	3.19
γ 163.0	3.21	3.11	3.31	3.26
γ 164.0	3.29	3.17	3.37	3.32
γ 165.0	3.34	3.24	3.43	3.38
γ 166.0	3.40	3.31	3.47	3.42
γ 167.0	3.45	3.35	3.52	3.48
γ 168.0	3.51	3.41	3.58	3.53
γ 169.0	3.55	3.46	3.61	3.55
γ 170.0	3.60	3.51	3.66	3.60
γ 171.0	3.64	3.55	3.69	3.63
γ 172.0	3.67	3.59	3.73	3.68
γ 173.0	3.72	3.63	3.77	3.71
γ 174.0	3.74	3.67	3.79	3.75
γ 175.0	3.77	3.70	3.81	3.78
γ 176.0	3.80	3.73	3.84	3.81
γ 177.0	3.82	3.74	3.86	3.83
γ 178.0	3.84	3.77	3.87	3.86
γ 179.0	3.85	3.79	3.86	3.87
γ 180.0	3.85	3.85	3.85	3.85