

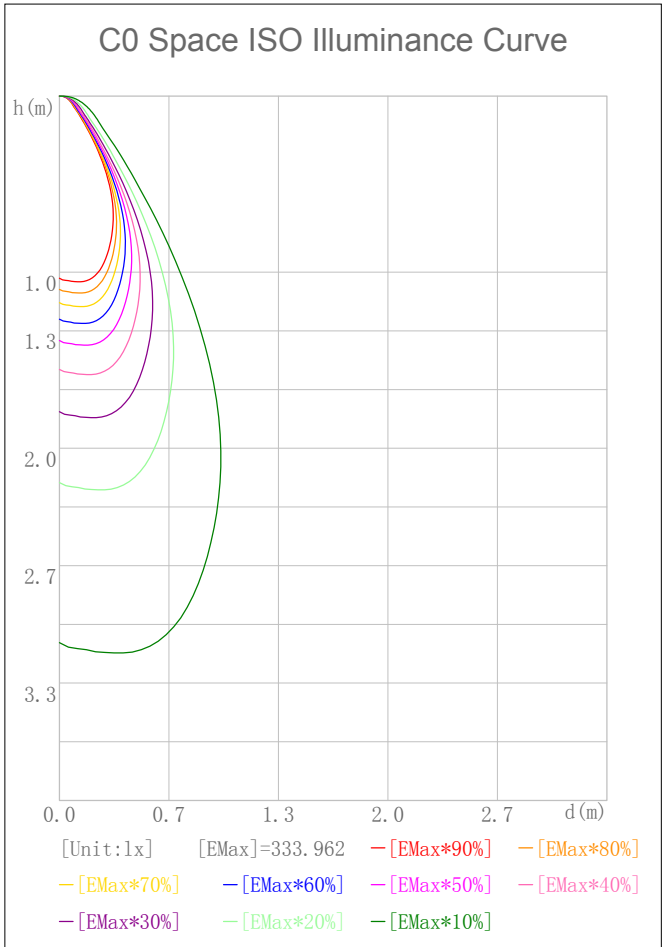
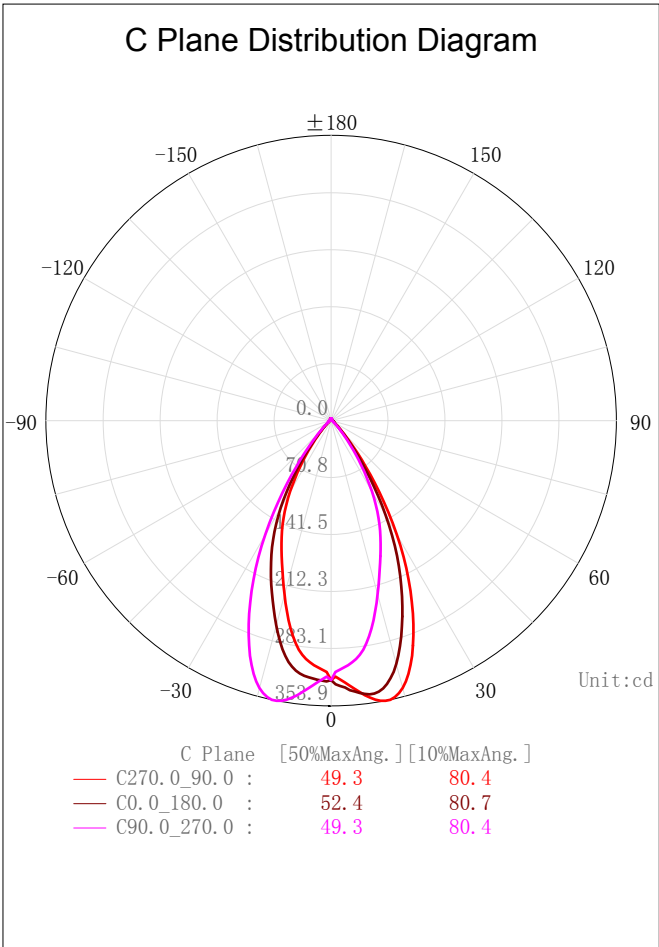
Indoor Luminaire Photometric Data

Description Information

Luminary Name: DL43-05-XX-01 3000K RA90 50D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2020/07/27
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

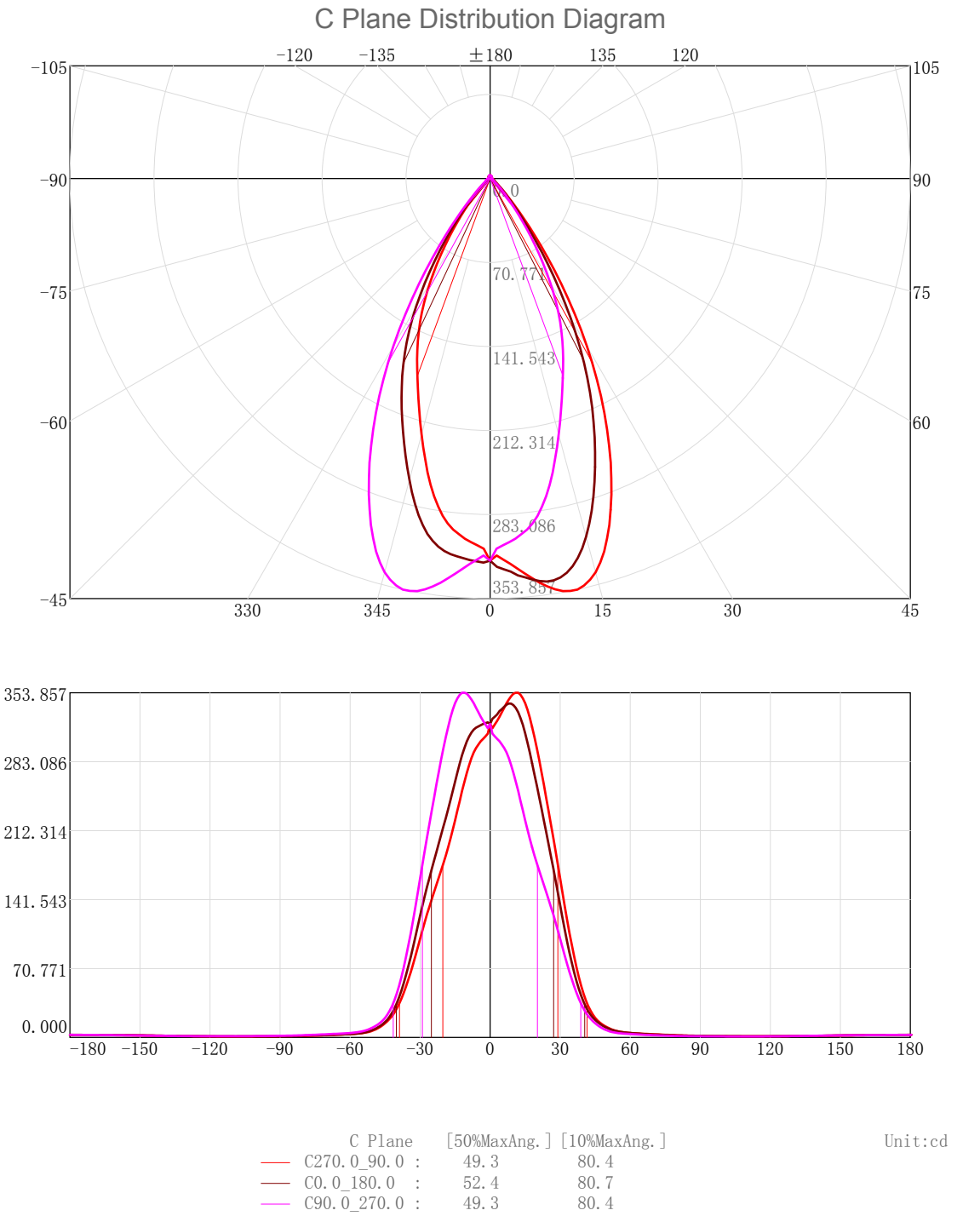
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 279.980	Luminary Flux(lm): 279.976	Field Angle(10%Imax): 80.4(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 269.937lm 96.41%
Rated Voltage(V):	Luminary EER(lm/W): 59.029	Up Lumens&Percent: 10.039lm 3.59%
Tested Power(W): 4.743	Max. Candela(cd): 353.857	S/MH: C0_a180=0.845 C90_270=0.824
Lamps' Inside: 1	Max Cand@Ang. (°): C=270.0 γ=12.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.2, 0.023, 0.851	Beam Angle(50%Imax): 49.3(°)	ErP ϕ use(90°): 240.606lm
Lamp Size (W*L*H):0.050m*0.000m*0.000m	Left=-20.2°, Right=29.0°	IRF(%): 264.642



2D Plane Light Intensity Distribution Curve

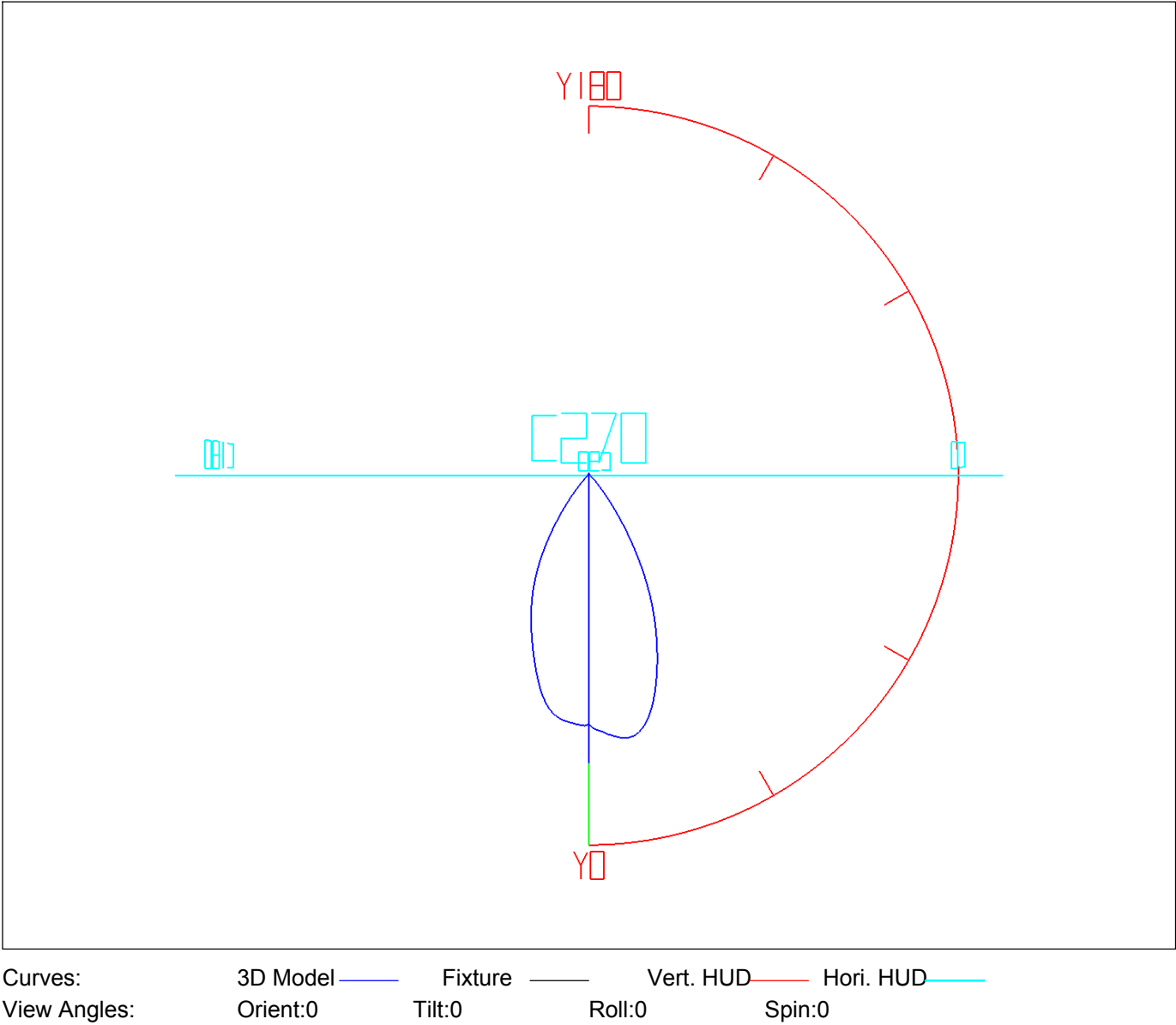
Lum. Name: DL43-05-XX-01 3000K RA90 50D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/07/27



3D Light Intensity Distribution Modal

Lum. Name: DL43-05-XX-01 3000K RA90 50D	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: 2020/07/27

3D Light Intensity Distribution Modal



Zonal Flux Tabulation

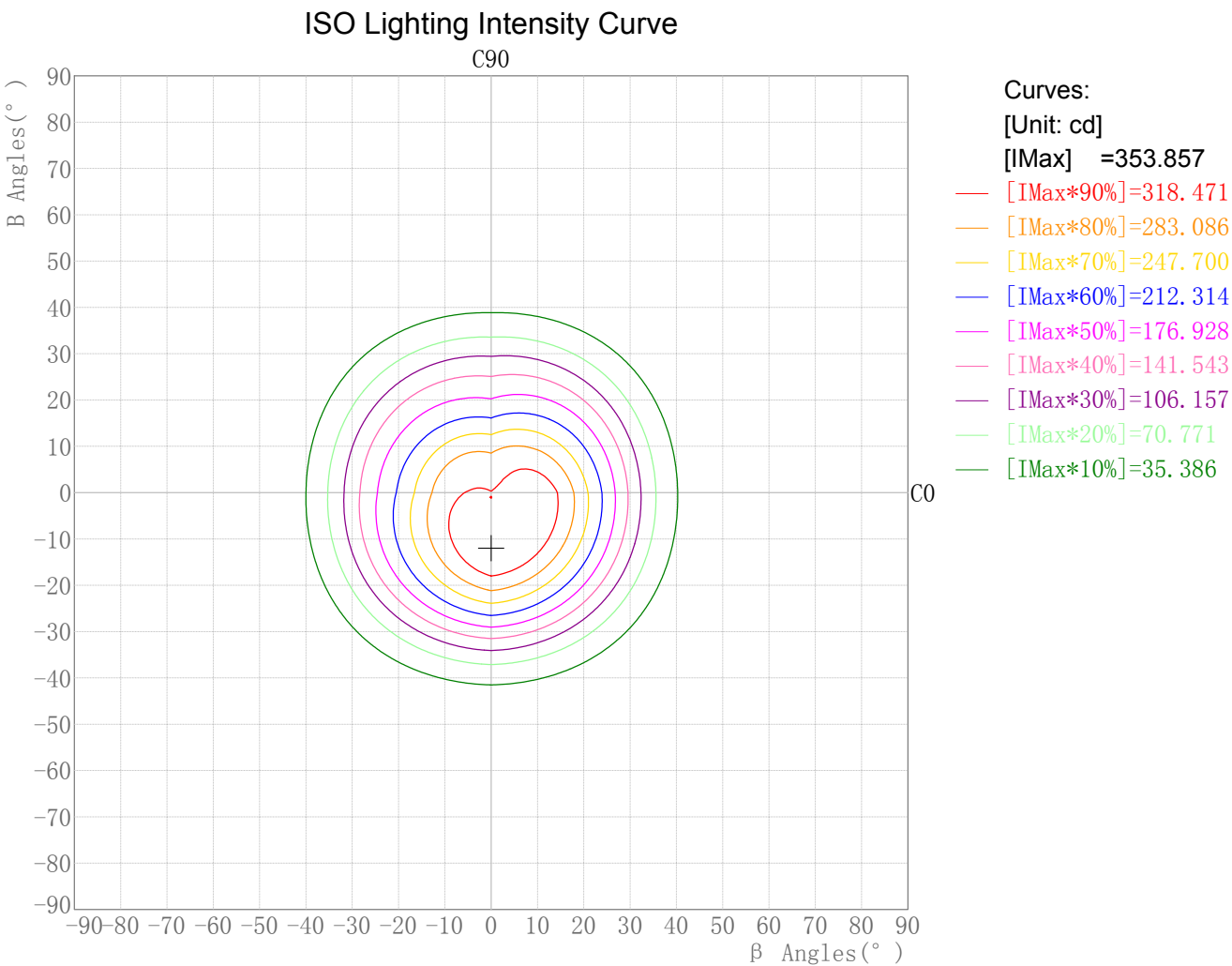
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.31	0.31	0.11	0.11	47.0-48.0	1.00	255.18	0.36	91.14
1.0-2.0	0.92	1.23	0.33	0.44	48.0-49.0	0.89	256.08	0.32	91.46
2.0-3.0	1.53	2.76	0.55	0.99	49.0-50.0	0.80	256.88	0.29	91.75
3.0-4.0	2.15	4.92	0.77	1.76	50.0-51.0	0.72	257.60	0.26	92.00
4.0-5.0	2.77	7.69	0.99	2.75	51.0-52.0	0.65	258.24	0.23	92.24
5.0-6.0	3.40	11.09	1.21	3.96	52.0-53.0	0.59	258.83	0.21	92.45
6.0-7.0	4.01	15.10	1.43	5.39	53.0-54.0	0.54	259.38	0.19	92.64
7.0-8.0	4.62	19.72	1.65	7.04	54.0-55.0	0.50	259.88	0.18	92.82
8.0-9.0	5.21	24.93	1.86	8.90	55.0-56.0	0.47	260.36	0.17	92.99
9.0-10.0	5.77	30.70	2.06	10.97	56.0-57.0	0.45	260.80	0.16	93.15
10.0-11.0	6.30	37.00	2.25	13.22	57.0-58.0	0.43	261.23	0.15	93.30
11.0-12.0	6.79	43.79	2.42	15.64	58.0-59.0	0.41	261.65	0.15	93.45
12.0-13.0	7.22	51.01	2.58	18.22	59.0-60.0	0.40	262.04	0.14	93.59
13.0-14.0	7.61	58.62	2.72	20.94	60.0-61.0	0.39	262.43	0.14	93.73
14.0-15.0	7.95	66.56	2.84	23.77	61.0-62.0	0.38	262.81	0.13	93.87
15.0-16.0	8.23	74.80	2.94	26.71	62.0-63.0	0.37	263.17	0.13	94.00
16.0-17.0	8.46	83.26	3.02	29.74	63.0-64.0	0.36	263.53	0.13	94.12
17.0-18.0	8.65	91.91	3.09	32.83	64.0-65.0	0.35	263.87	0.12	94.25
18.0-19.0	8.79	100.70	3.14	35.97	65.0-66.0	0.34	264.21	0.12	94.37
19.0-20.0	8.88	109.58	3.17	39.14	66.0-67.0	0.33	264.54	0.12	94.48
20.0-21.0	8.94	118.52	3.19	42.33	67.0-68.0	0.32	264.86	0.11	94.60
21.0-22.0	8.95	127.47	3.20	45.53	68.0-69.0	0.31	265.17	0.11	94.71
22.0-23.0	8.92	136.39	3.19	48.71	69.0-70.0	0.30	265.47	0.11	94.82
23.0-24.0	8.85	145.24	3.16	51.87	70.0-71.0	0.29	265.76	0.10	94.92
24.0-25.0	8.73	153.97	3.12	54.99	71.0-72.0	0.28	266.04	0.10	95.02
25.0-26.0	8.57	162.54	3.06	58.05	72.0-73.0	0.28	266.32	0.10	95.12
26.0-27.0	8.35	170.89	2.98	61.04	73.0-74.0	0.27	266.59	0.10	95.22
27.0-28.0	8.08	178.97	2.89	63.92	74.0-75.0	0.26	266.85	0.09	95.31
28.0-29.0	7.76	186.74	2.77	66.70	75.0-76.0	0.25	267.10	0.09	95.40
29.0-30.0	7.40	194.13	2.64	69.34	76.0-77.0	0.24	267.34	0.09	95.49
30.0-31.0	6.98	201.11	2.49	71.83	77.0-78.0	0.24	267.57	0.08	95.57
31.0-32.0	6.52	207.63	2.33	74.16	78.0-79.0	0.23	267.80	0.08	95.65
32.0-33.0	6.04	213.66	2.16	76.31	79.0-80.0	0.22	268.02	0.08	95.73
33.0-34.0	5.54	219.20	1.98	78.29	80.0-81.0	0.21	268.24	0.08	95.81
34.0-35.0	5.04	224.24	1.80	80.09	81.0-82.0	0.21	268.44	0.07	95.88
35.0-36.0	4.54	228.78	1.62	81.71	82.0-83.0	0.20	268.65	0.07	95.95
36.0-37.0	4.06	232.83	1.45	83.16	83.0-84.0	0.20	268.84	0.07	96.02
37.0-38.0	3.60	236.43	1.29	84.45	84.0-85.0	0.19	269.03	0.07	96.09
38.0-39.0	3.17	239.61	1.13	85.58	85.0-86.0	0.19	269.22	0.07	96.16
39.0-40.0	2.78	242.39	0.99	86.57	86.0-87.0	0.18	269.41	0.07	96.22
40.0-41.0	2.43	244.82	0.87	87.44	87.0-88.0	0.18	269.59	0.06	96.29
41.0-42.0	2.11	246.93	0.75	88.20	88.0-89.0	0.18	269.76	0.06	96.35
42.0-43.0	1.84	248.77	0.66	88.85	89.0-90.0	0.17	269.94	0.06	96.41
43.0-44.0	1.61	250.38	0.58	89.43	90.0-91.0	0.17	270.11	0.06	96.47
44.0-45.0	1.42	251.80	0.51	89.94	91.0-92.0	0.17	270.27	0.06	96.53
45.0-46.0	1.26	253.06	0.45	90.39	92.0-93.0	0.16	270.44	0.06	96.59
46.0-47.0	1.12	254.18	0.40	90.79	93.0-94.0	0.16	270.60	0.06	96.65

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	0.16	270.76	0.06	96.71	141.0-142.0	0.13	276.93	0.05	98.91
95.0-96.0	0.16	270.91	0.06	96.76	142.0-143.0	0.13	277.06	0.05	98.96
96.0-97.0	0.15	271.07	0.05	96.82	143.0-144.0	0.13	277.18	0.05	99.00
97.0-98.0	0.15	271.22	0.05	96.87	144.0-145.0	0.13	277.31	0.05	99.05
98.0-99.0	0.15	271.37	0.05	96.92	145.0-146.0	0.13	277.44	0.05	99.09
99.0-100.0	0.15	271.51	0.05	96.98	146.0-147.0	0.13	277.56	0.04	99.14
100.0-101.0	0.14	271.66	0.05	97.03	147.0-148.0	0.12	277.69	0.04	99.18
101.0-102.0	0.14	271.80	0.05	97.08	148.0-149.0	0.12	277.81	0.04	99.22
102.0-103.0	0.14	271.94	0.05	97.13	149.0-150.0	0.12	277.93	0.04	99.27
103.0-104.0	0.14	272.08	0.05	97.18	150.0-151.0	0.12	278.05	0.04	99.31
104.0-105.0	0.14	272.21	0.05	97.23	151.0-152.0	0.12	278.16	0.04	99.35
105.0-106.0	0.13	272.35	0.05	97.27	152.0-153.0	0.11	278.28	0.04	99.39
106.0-107.0	0.13	272.48	0.05	97.32	153.0-154.0	0.11	278.39	0.04	99.43
107.0-108.0	0.13	272.61	0.05	97.37	154.0-155.0	0.11	278.50	0.04	99.47
108.0-109.0	0.13	272.74	0.05	97.42	155.0-156.0	0.11	278.61	0.04	99.51
109.0-110.0	0.13	272.87	0.05	97.46	156.0-157.0	0.10	278.71	0.04	99.55
110.0-111.0	0.13	273.00	0.05	97.51	157.0-158.0	0.10	278.81	0.04	99.58
111.0-112.0	0.13	273.13	0.05	97.55	158.0-159.0	0.10	278.91	0.03	99.62
112.0-113.0	0.13	273.25	0.05	97.60	159.0-160.0	0.09	279.00	0.03	99.65
113.0-114.0	0.13	273.38	0.04	97.64	160.0-161.0	0.09	279.09	0.03	99.68
114.0-115.0	0.12	273.50	0.04	97.69	161.0-162.0	0.09	279.18	0.03	99.71
115.0-116.0	0.12	273.63	0.04	97.73	162.0-163.0	0.08	279.26	0.03	99.74
116.0-117.0	0.12	273.75	0.04	97.78	163.0-164.0	0.08	279.34	0.03	99.77
117.0-118.0	0.12	273.88	0.04	97.82	164.0-165.0	0.07	279.41	0.03	99.80
118.0-119.0	0.12	274.00	0.04	97.86	165.0-166.0	0.07	279.48	0.03	99.82
119.0-120.0	0.12	274.12	0.04	97.91	166.0-167.0	0.07	279.55	0.02	99.85
120.0-121.0	0.12	274.25	0.04	97.95	167.0-168.0	0.06	279.61	0.02	99.87
121.0-122.0	0.12	274.37	0.04	98.00	168.0-169.0	0.06	279.67	0.02	99.89
122.0-123.0	0.12	274.50	0.04	98.04	169.0-170.0	0.05	279.72	0.02	99.91
123.0-124.0	0.12	274.62	0.04	98.09	170.0-171.0	0.05	279.77	0.02	99.92
124.0-125.0	0.13	274.75	0.04	98.13	171.0-172.0	0.04	279.81	0.02	99.94
125.0-126.0	0.13	274.87	0.04	98.18	172.0-173.0	0.04	279.85	0.01	99.95
126.0-127.0	0.13	275.00	0.04	98.22	173.0-174.0	0.03	279.88	0.01	99.97
127.0-128.0	0.13	275.12	0.05	98.26	174.0-175.0	0.03	279.91	0.01	99.98
128.0-129.0	0.13	275.25	0.05	98.31	175.0-176.0	0.02	279.93	0.01	99.98
129.0-130.0	0.13	275.38	0.05	98.36	176.0-177.0	0.02	279.95	0.01	99.99
130.0-131.0	0.13	275.50	0.05	98.40	177.0-178.0	0.01	279.97	0.00	99.99
131.0-132.0	0.13	275.63	0.05	98.45	178.0-179.0	0.01	279.97	0.00	100.00
132.0-133.0	0.13	275.76	0.05	98.49	179.0-180.0	0.00	279.98	0.00	100.00
133.0-134.0	0.13	275.89	0.05	98.54					
134.0-135.0	0.13	276.02	0.05	98.59					
135.0-136.0	0.13	276.15	0.05	98.63					
136.0-137.0	0.13	276.28	0.05	98.68					
137.0-138.0	0.13	276.41	0.05	98.72					
138.0-139.0	0.13	276.54	0.05	98.77					
139.0-140.0	0.13	276.67	0.05	98.82					
140.0-141.0	0.13	276.80	0.05	98.86					

Rectangle ISO Lighting Intensity Diagram

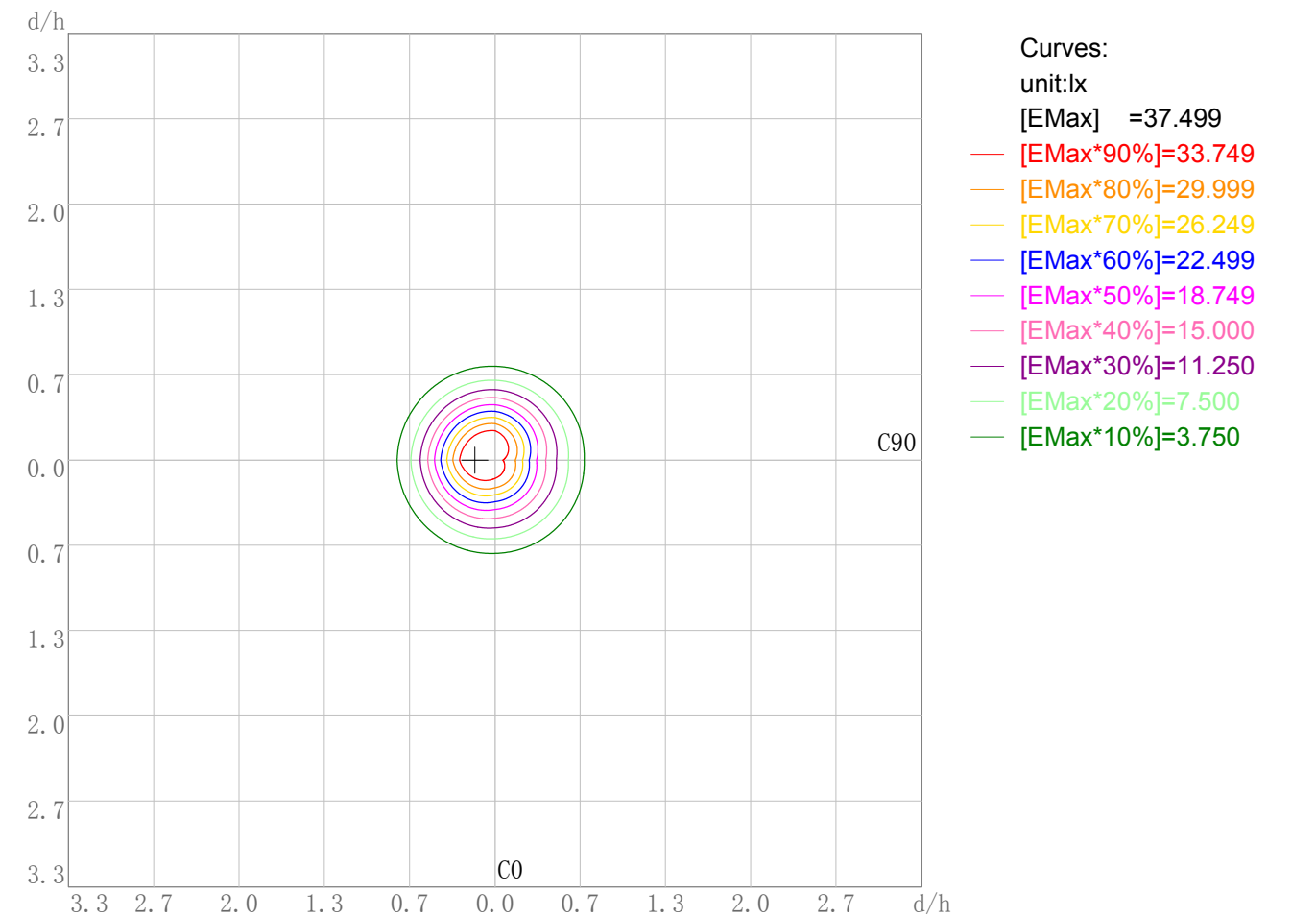
Lum. Name: DL43-05-XX-01 3000K RA90 50D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/07/27



Plane ISO-Illuminance Diagram

Lum. Name: DL43-05-XX-01 3000K RA90 50D	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: 2020/07/27

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 37.50

Working Plane Maximum Illuminance Position(d/h):H-0.2 V-0.0

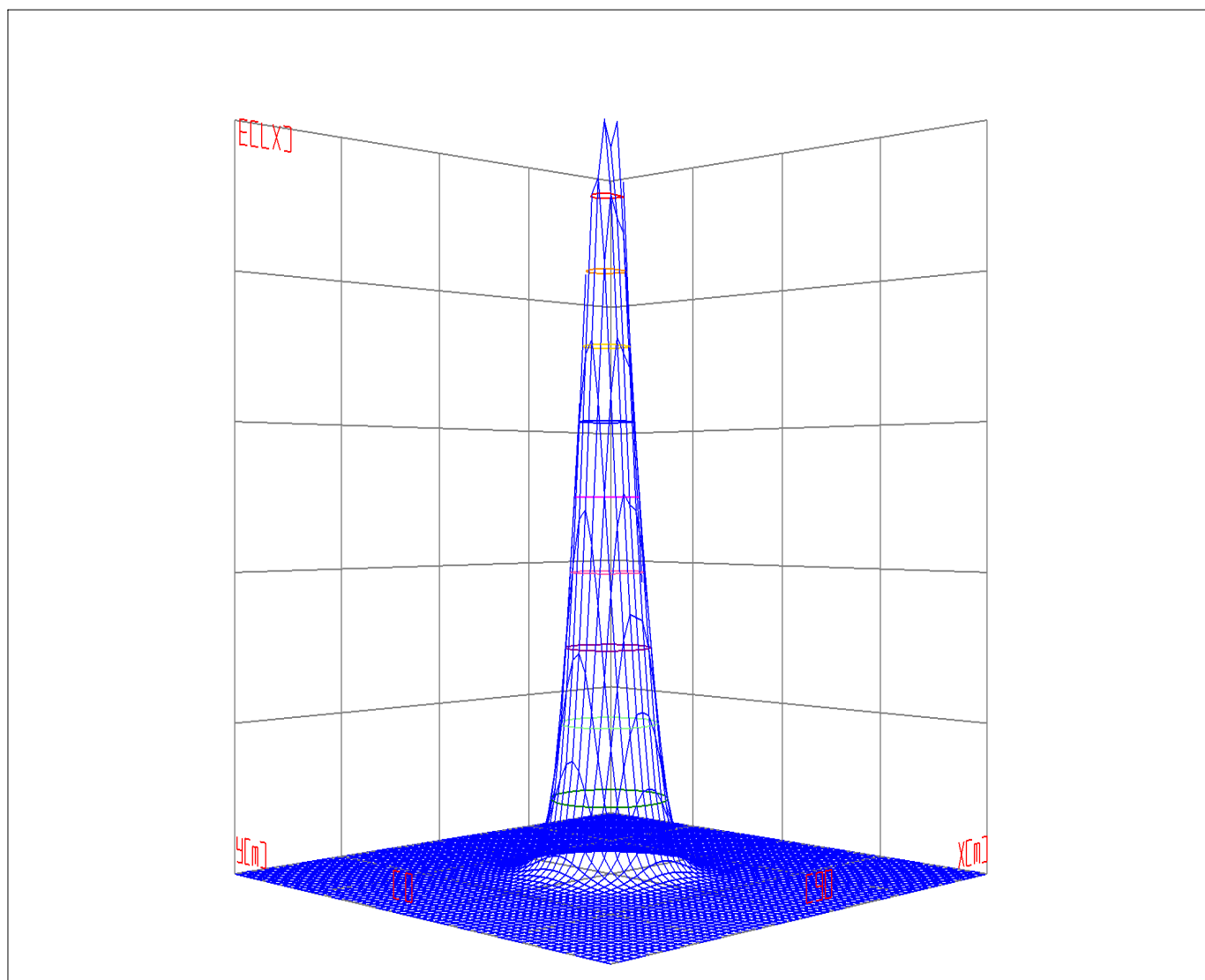
IES Indoor Report

Photometric Filename:DL43-05-XX-01 3000K RA90 50D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: DL43-05-XX-01 3000K RA90 50D	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: 2020/07/27

3D Plane Illuminance Modal

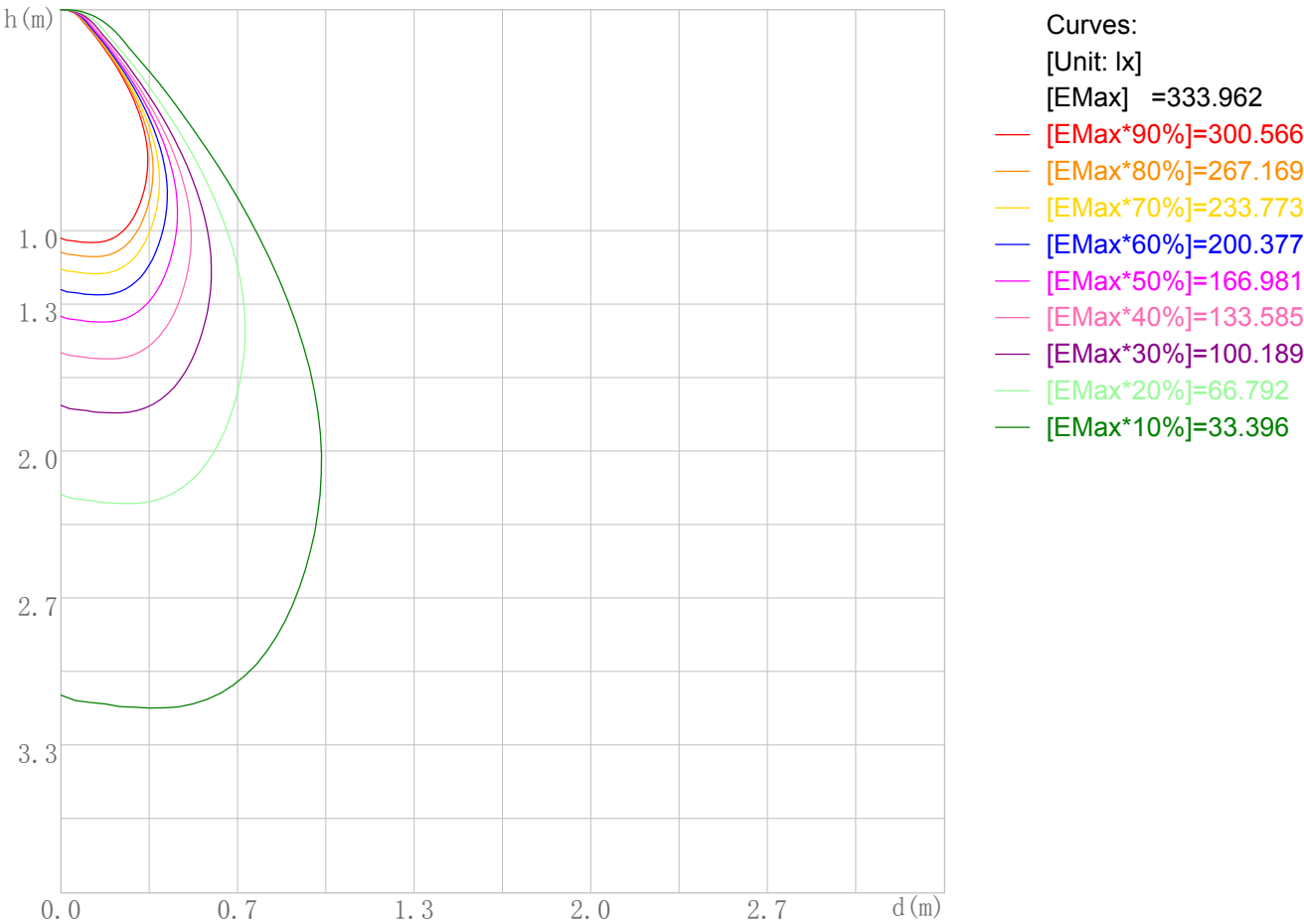


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: DL43-05-XX-01 3000K RA90 50D	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: 2020/07/27

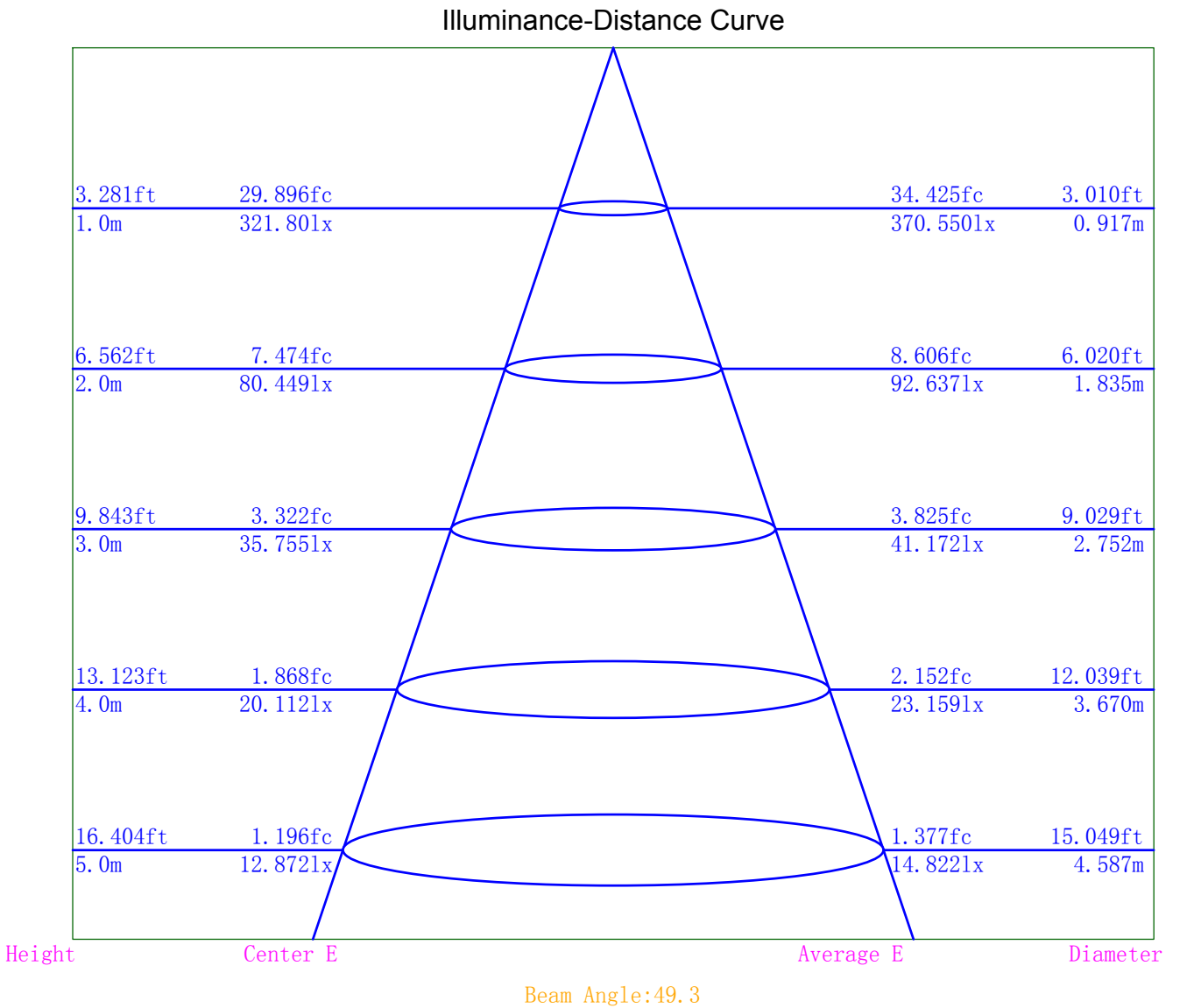
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:333.96lx,6.0deg
Plane Maximum Lighting Intensity and @Angle:342.761cd,0deg

Illuminance-Distance Diagram

Lum. Name: DL43-05-XX-01 3000K RA90 50D	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: 2020/07/27



Indoor Luminance Limiting Curves

Lum. Name: DL43-05-XX-01 3000K RA90 50D	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: 2020/07/27

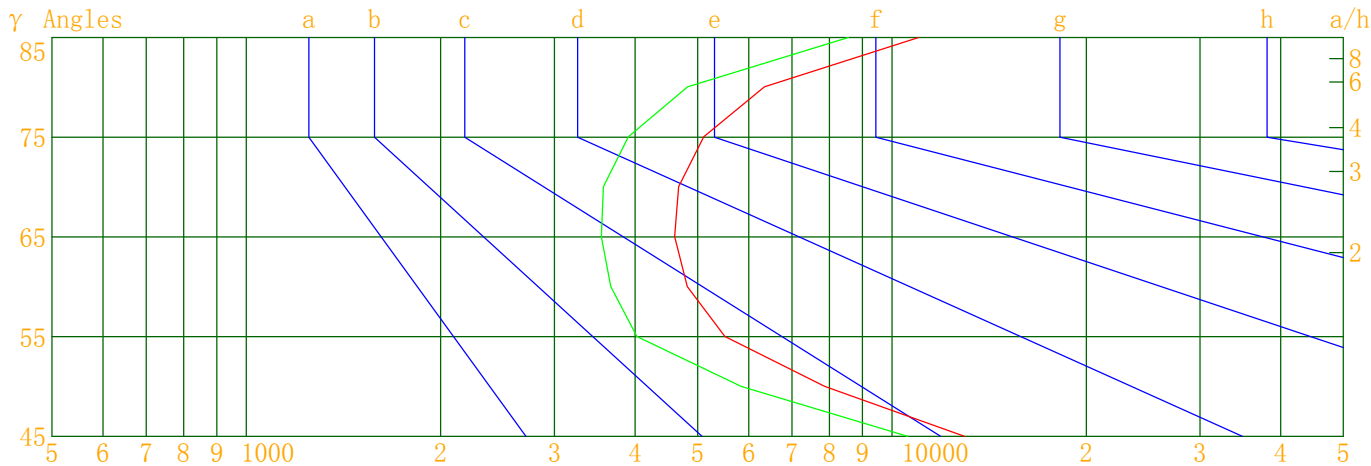
Glare Grade Table

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	12950	7869	5510	4820	4607	4674	5110	6347	10997
C90	10578	5840	4027	3669	3548	3572	3906	4825	8561

Luminance Limiting Curve



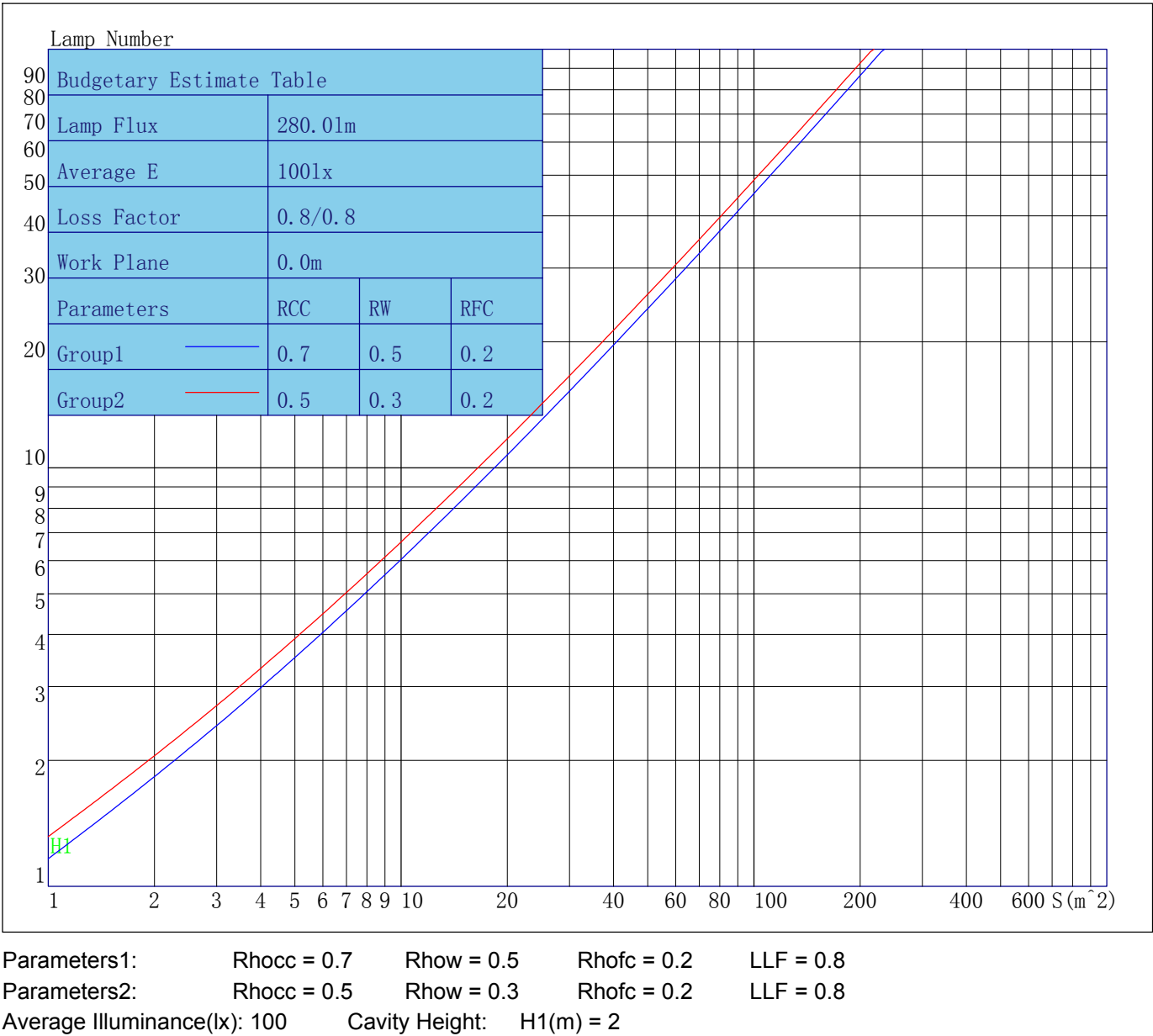
Luminous Size: Length(m)=0.000 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963

Luminous Type: Without Luminous Side

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

Indoor Budgetary Estimate Table

Lum. Name: DL43-05-XX-01 3000K RA90 50D	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: 2020/07/27



Indoor Coefficient of Utilization Table

Lum. Name: DL43-05-XX-01 3000K RA90 50D	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: 2020/07/27

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	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	96
1	112	109	106	104	109	107	104	102	102	100	98	98	96	95	94	92	91	89
2	106	101	97	93	104	99	95	92	95	92	89	92	89	87	88	86	85	83
3	101	94	89	85	98	92	88	84	89	85	82	86	83	80	84	81	79	77
4	96	88	82	78	93	86	81	77	84	79	76	81	78	74	79	76	73	72
5	91	82	76	72	89	81	75	71	79	74	70	77	73	69	75	71	68	67
6	86	77	71	67	84	76	70	66	74	69	66	72	68	65	71	67	64	63
7	82	73	66	62	80	72	66	62	70	65	61	69	64	61	67	63	60	59
8	78	68	62	58	77	68	62	58	66	61	58	65	60	57	64	60	57	55
9	74	65	59	55	73	64	58	55	63	58	54	62	57	54	61	56	53	52
10	71	61	55	52	70	61	55	51	60	55	51	59	54	51	58	54	51	49

Unified Glare Rating Table

Lum. Name: DL43-05-XX-01 3000K RA90 50D	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: 2020/07/27

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	17.1	18.2	17.6	18.6	19.0	15.7	16.8	16.1	17.1	17.6
	17.3	18.2	17.7	18.6	19.1	15.9	16.8	16.3	17.2	17.7
	17.5	18.3	17.9	18.8	19.2	16.0	16.9	16.5	17.3	17.8
	17.7	18.5	18.2	19.0	19.5	16.2	17.0	16.7	17.5	18.0
	17.9	18.7	18.4	19.1	19.6	16.4	17.2	16.9	17.6	18.1
	18.2	18.9	18.7	19.4	19.9	16.6	17.4	17.1	17.8	18.4
X=4H Y=2H	17.0	17.9	17.5	18.3	18.8	15.6	16.5	16.1	16.9	17.4
	17.3	18.0	17.8	18.5	19.0	15.9	16.6	16.4	17.1	17.6
	17.6	18.3	18.1	18.7	19.3	16.1	16.8	16.6	17.3	17.8
	18.0	18.6	18.5	19.1	19.7	16.6	17.1	17.1	17.7	18.2
	18.3	18.9	18.9	19.4	19.9	16.8	17.4	17.4	17.9	18.5
	18.8	19.2	19.3	19.8	20.4	17.2	17.7	17.8	18.3	18.9
X=8H Y=4H	17.6	18.2	18.2	18.7	19.3	16.2	16.8	16.8	17.3	17.9
	18.2	18.7	18.8	19.3	19.9	16.8	17.3	17.4	17.9	18.5
	18.7	19.1	19.3	19.7	20.3	17.3	17.7	17.8	18.3	18.8
	19.4	19.7	19.9	20.3	20.9	17.9	18.3	18.5	18.8	19.5
X=12H Y=4H	17.6	18.1	18.2	18.7	19.2	16.2	16.7	16.8	17.3	17.8
	18.3	18.7	18.9	19.3	19.9	16.9	17.3	17.5	17.9	18.5
	18.9	19.2	19.4	19.8	20.4	17.4	17.8	18.0	18.4	19.0
Variations with the objerver position at spacings										
S=1.0H	0.1/-0.1					0.1/-0.1				
S=1.5H	0.2/-0.2					0.2/-0.2				
S=2.0H	0.2/-0.2					0.2/-0.2				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	1.8					1.8				

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

IES Indoor Report

Photometric Filename:DL43-05-XX-01 3000K RA90 50D.IES

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	321.80	321.80	321.80	321.80
γ 1.0	327.09	311.83	323.47	317.56
γ 2.0	329.31	309.05	322.61	321.27
γ 3.0	331.46	306.64	321.79	324.97
γ 4.0	335.06	304.08	320.56	329.27
γ 5.0	337.13	300.77	319.38	333.85
γ 6.0	339.51	297.24	318.11	338.40
γ 7.0	341.49	292.68	316.04	343.04
γ 8.0	342.76	286.85	313.05	346.91
γ 9.0	342.61	279.55	308.94	350.27
γ 10.0	341.18	271.64	303.93	352.84
γ 11.0	338.30	262.70	297.33	353.81
γ 12.0	333.85	253.13	289.82	353.86
γ 13.0	327.90	242.68	281.24	351.78
γ 14.0	320.96	233.13	272.19	348.16
γ 15.0	312.32	223.01	262.62	343.29
γ 16.0	302.68	213.44	253.09	336.49
γ 17.0	292.56	204.01	243.62	328.42
γ 18.0	281.44	195.23	234.38	318.58
γ 19.0	270.05	186.79	225.35	308.47
γ 20.0	258.49	178.78	216.51	296.81
γ 21.0	246.71	171.33	207.90	284.99
γ 22.0	235.06	164.13	199.19	272.34
γ 23.0	222.93	156.80	190.42	259.87
γ 24.0	211.24	149.53	181.88	246.22
γ 25.0	199.00	142.09	173.09	233.12
γ 26.0	186.76	134.45	163.88	219.52
γ 27.0	174.22	126.67	154.66	205.49
γ 28.0	161.44	118.31	144.98	191.55
γ 29.0	148.53	109.82	135.06	177.40
γ 30.0	135.67	101.22	124.85	163.07
γ 31.0	122.65	92.48	114.21	148.56
γ 32.0	110.30	83.83	103.67	134.29
γ 33.0	98.36	75.44	93.15	120.54
γ 34.0	87.10	67.30	83.00	107.25
γ 35.0	76.39	59.59	73.36	94.64
γ 36.0	66.63	52.43	64.29	82.88
γ 37.0	57.80	45.85	55.83	71.87
γ 38.0	49.94	39.89	48.14	61.93
γ 39.0	42.99	34.55	41.30	53.08
γ 40.0	36.89	29.76	35.28	45.20
γ 41.0	31.57	25.62	29.97	38.36
γ 42.0	27.07	22.16	25.43	32.49
γ 43.0	23.35	19.30	21.54	27.56
γ 44.0	20.43	16.83	18.37	23.43
γ 45.0	17.98	14.69	15.89	20.13
γ 46.0	15.90	12.79	13.83	17.55

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	14.08	11.10	12.08	15.40
γ 48.0	12.51	9.65	10.57	13.59
γ 49.0	11.11	8.42	9.24	12.02
γ 50.0	9.93	7.37	8.07	10.65
γ 51.0	8.89	6.49	7.09	9.45
γ 52.0	8.03	5.80	6.27	8.45
γ 53.0	7.30	5.27	5.59	7.61
γ 54.0	6.70	4.85	5.05	6.91
γ 55.0	6.21	4.53	4.61	6.32
γ 56.0	5.80	4.30	4.27	5.85
γ 57.0	5.47	4.10	4.01	5.46
γ 58.0	5.20	3.93	3.81	5.13
γ 59.0	4.96	3.75	3.65	4.86
γ 60.0	4.73	3.60	3.53	4.66
γ 61.0	4.53	3.46	3.41	4.51
γ 62.0	4.35	3.32	3.30	4.36
γ 63.0	4.16	3.19	3.20	4.22
γ 64.0	3.99	3.05	3.10	4.09
γ 65.0	3.82	2.94	3.02	3.95
γ 66.0	3.67	2.82	2.93	3.84
γ 67.0	3.53	2.71	2.83	3.72
γ 68.0	3.40	2.61	2.75	3.60
γ 69.0	3.26	2.50	2.66	3.50
γ 70.0	3.14	2.40	2.58	3.38
γ 71.0	3.03	2.32	2.49	3.28
γ 72.0	2.91	2.22	2.41	3.16
γ 73.0	2.79	2.15	2.34	3.07
γ 74.0	2.70	2.06	2.27	2.96
γ 75.0	2.60	1.99	2.19	2.86
γ 76.0	2.50	1.91	2.12	2.77
γ 77.0	2.40	1.83	2.05	2.68
γ 78.0	2.32	1.76	1.97	2.58
γ 79.0	2.25	1.70	1.90	2.49
γ 80.0	2.16	1.64	1.83	2.39
γ 81.0	2.10	1.60	1.76	2.30
γ 82.0	2.03	1.57	1.72	2.21
γ 83.0	1.97	1.53	1.66	2.13
γ 84.0	1.93	1.50	1.63	2.07
γ 85.0	1.88	1.47	1.59	2.01
γ 86.0	1.84	1.44	1.56	1.97
γ 87.0	1.80	1.42	1.52	1.91
γ 88.0	1.76	1.39	1.49	1.88
γ 89.0	1.73	1.37	1.47	1.84
γ 90.0	1.69	1.34	1.43	1.79
γ 91.0	1.66	1.33	1.41	1.76
γ 92.0	1.63	1.31	1.39	1.72
γ 93.0	1.60	1.28	1.37	1.68

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	1.57	1.26	1.36	1.65
γ 95.0	1.54	1.25	1.32	1.63
γ 96.0	1.52	1.23	1.32	1.61
γ 97.0	1.50	1.21	1.30	1.56
γ 98.0	1.48	1.21	1.28	1.55
γ 99.0	1.46	1.19	1.27	1.52
γ 100.0	1.44	1.19	1.25	1.51
γ 101.0	1.42	1.17	1.25	1.48
γ 102.0	1.40	1.16	1.23	1.46
γ 103.0	1.38	1.15	1.23	1.45
γ 104.0	1.36	1.14	1.22	1.43
γ 105.0	1.35	1.14	1.22	1.42
γ 106.0	1.34	1.13	1.21	1.40
γ 107.0	1.33	1.13	1.20	1.39
γ 108.0	1.32	1.13	1.20	1.38
γ 109.0	1.31	1.12	1.19	1.37
γ 110.0	1.30	1.12	1.20	1.36
γ 111.0	1.30	1.12	1.20	1.36
γ 112.0	1.30	1.13	1.20	1.35
γ 113.0	1.29	1.13	1.21	1.36
γ 114.0	1.29	1.14	1.22	1.35
γ 115.0	1.29	1.15	1.23	1.35
γ 116.0	1.29	1.16	1.23	1.34
γ 117.0	1.31	1.17	1.25	1.35
γ 118.0	1.30	1.20	1.25	1.36
γ 119.0	1.31	1.21	1.28	1.36
γ 120.0	1.32	1.23	1.29	1.36
γ 121.0	1.34	1.25	1.31	1.38
γ 122.0	1.35	1.28	1.33	1.38
γ 123.0	1.36	1.30	1.35	1.40
γ 124.0	1.38	1.33	1.38	1.41
γ 125.0	1.40	1.36	1.39	1.42
γ 126.0	1.41	1.38	1.42	1.43
γ 127.0	1.43	1.41	1.45	1.46
γ 128.0	1.46	1.44	1.48	1.47
γ 129.0	1.48	1.48	1.51	1.49
γ 130.0	1.50	1.51	1.55	1.51
γ 131.0	1.53	1.55	1.58	1.53
γ 132.0	1.55	1.59	1.61	1.55
γ 133.0	1.58	1.62	1.64	1.58
γ 134.0	1.61	1.66	1.68	1.60
γ 135.0	1.64	1.69	1.72	1.63
γ 136.0	1.67	1.73	1.75	1.66
γ 137.0	1.70	1.78	1.79	1.69
γ 138.0	1.74	1.81	1.82	1.73
γ 139.0	1.77	1.84	1.87	1.75
γ 140.0	1.80	1.88	1.89	1.78

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	1.84	1.91	1.94	1.81
γ 142.0	1.87	1.95	1.98	1.84
γ 143.0	1.91	1.99	2.01	1.88
γ 144.0	1.95	2.02	2.04	1.91
γ 145.0	1.98	2.06	2.09	1.94
γ 146.0	2.01	2.10	2.12	1.98
γ 147.0	2.05	2.12	2.15	2.00
γ 148.0	2.09	2.15	2.19	2.05
γ 149.0	2.12	2.19	2.22	2.09
γ 150.0	2.15	2.21	2.25	2.12
γ 151.0	2.18	2.25	2.28	2.14
γ 152.0	2.21	2.27	2.32	2.18
γ 153.0	2.24	2.29	2.34	2.21
γ 154.0	2.28	2.31	2.37	2.24
γ 155.0	2.30	2.33	2.39	2.27
γ 156.0	2.33	2.36	2.42	2.31
γ 157.0	2.35	2.38	2.44	2.33
γ 158.0	2.38	2.40	2.46	2.36
γ 159.0	2.41	2.42	2.49	2.39
γ 160.0	2.44	2.43	2.50	2.42
γ 161.0	2.47	2.46	2.52	2.44
γ 162.0	2.49	2.47	2.53	2.47
γ 163.0	2.51	2.48	2.56	2.49
γ 164.0	2.54	2.50	2.57	2.52
γ 165.0	2.55	2.52	2.58	2.53
γ 166.0	2.58	2.53	2.60	2.56
γ 167.0	2.60	2.55	2.61	2.59
γ 168.0	2.61	2.56	2.63	2.60
γ 169.0	2.64	2.58	2.64	2.62
γ 170.0	2.65	2.59	2.67	2.64
γ 171.0	2.67	2.61	2.68	2.65
γ 172.0	2.68	2.64	2.69	2.66
γ 173.0	2.70	2.64	2.71	2.68
γ 174.0	2.72	2.67	2.71	2.69
γ 175.0	2.73	2.67	2.73	2.70
γ 176.0	2.74	2.69	2.75	2.71
γ 177.0	2.74	2.71	2.76	2.72
γ 178.0	2.75	2.71	2.76	2.72
γ 179.0	2.77	2.71	2.77	2.73
γ 180.0	2.76	2.76	2.76	2.76