

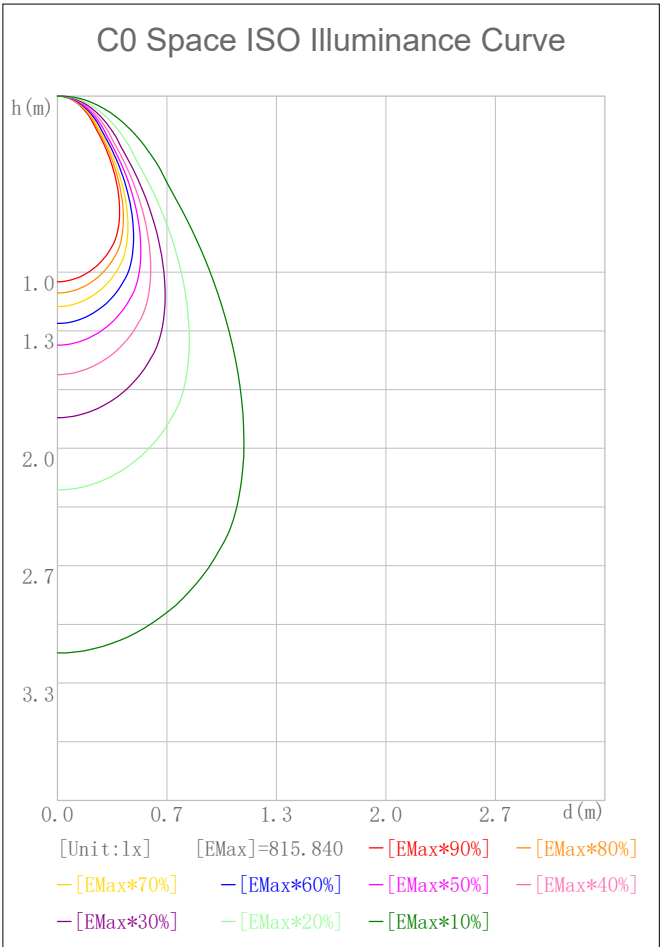
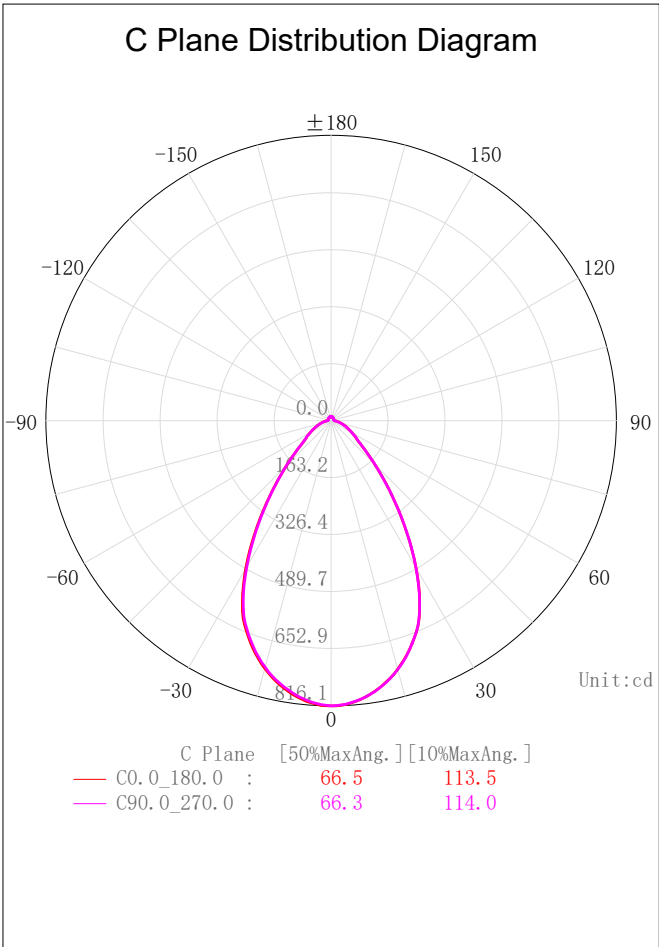
Indoor Luminaire Photometric Data

Description Information

Luminary Name: DL50-15-XX-01 3000K RA90		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2022/07/26
Manufacture: Shenzhen Norming Lighting		Shld. Ang(°):	Test Machine:GON-2000
Test Lab: Quality Department		Frequency (Hz):	Lamp CCT (K): Ra:
Lum. Size (W*L*H):0.055m*0.055m*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

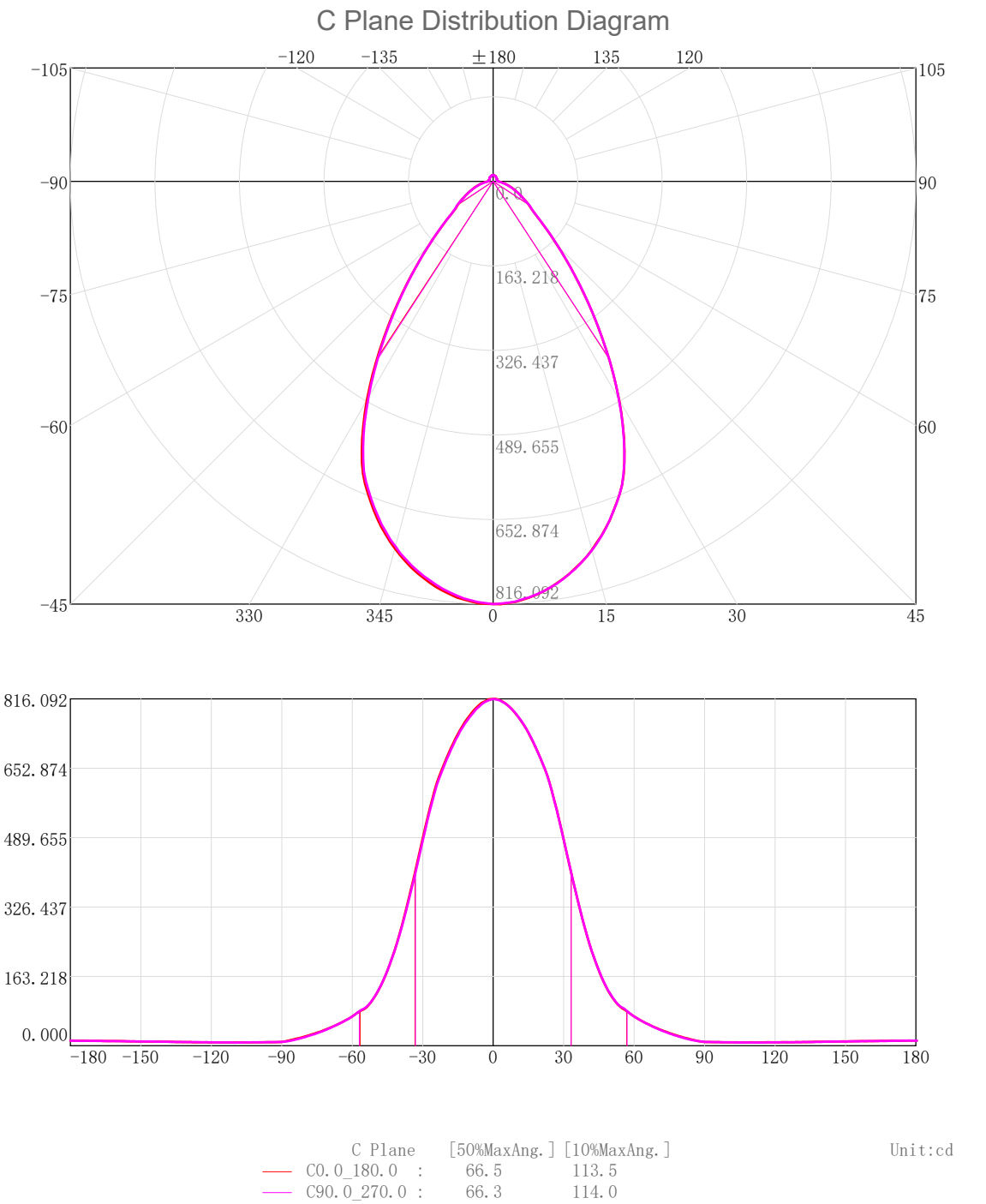
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1157.560	Luminary Flux(lm): 1157.558	Field Angle(10%Imax): 113.5(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1101.080lm 95.12%	
Rated Voltage(V):	Luminary EER(lm/W): 80.274	Up Lumens&Percent: 56.478lm 4.88%	
Tested Power(W): 14.420	Max. Candela(cd): 816.092	S/MH: C0_a180=0.995 C90_270=0.992	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.1, 0.061, 0.971	Beam Angle(50%Imax): 66.5(°)	ErP Φ use(90°): 861.013lm	
Lamp Size (W*L*H):0.055m*0.055m*0.000m	Left=-33.3°, Right=33.2°	IRF(%): 182.628	



2D Plane Light Intensity Distribution Curve

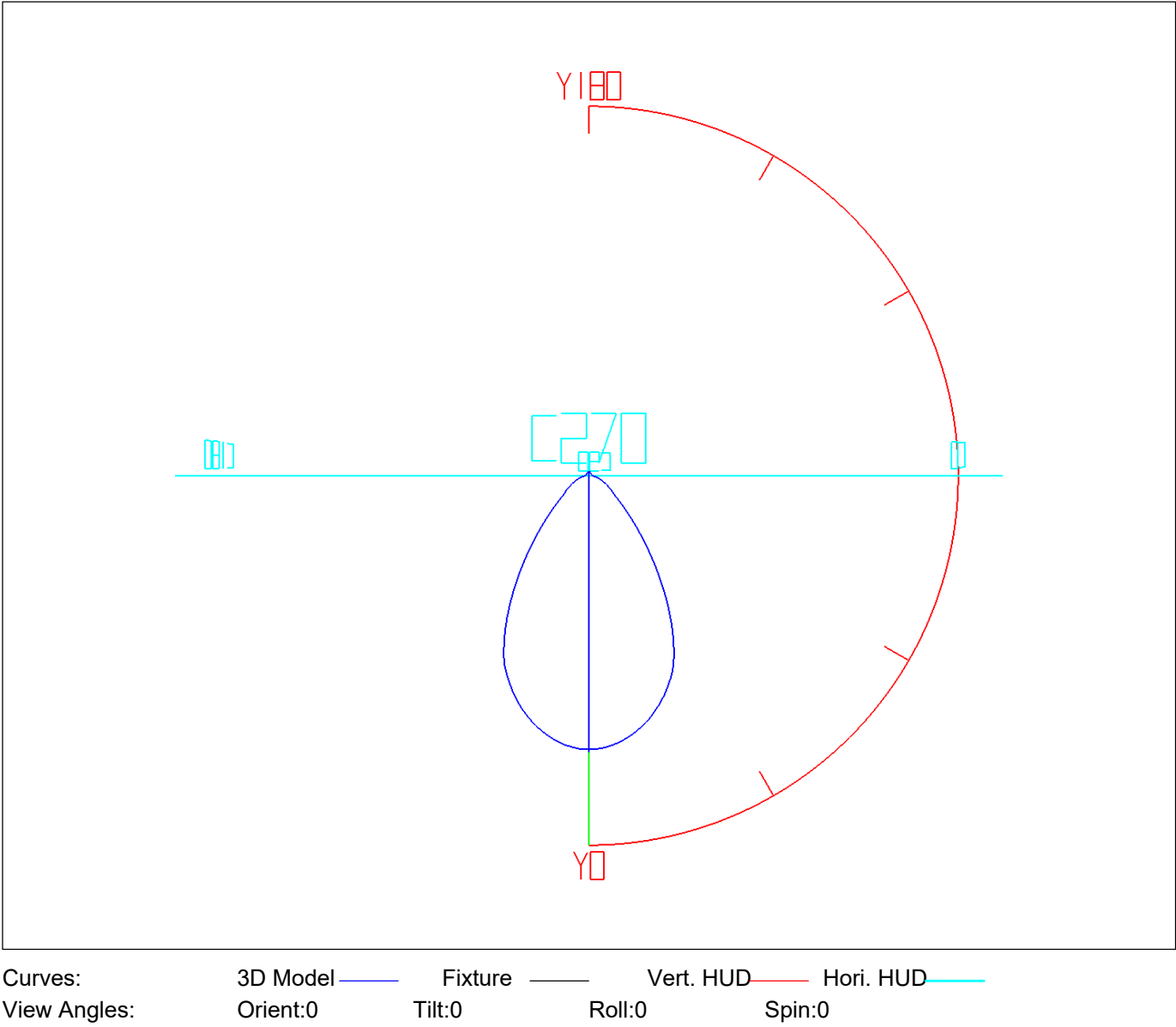
Lum. Name:DL50-15-XX-01 3000K RA90	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting	Test Machine:GON-2000	Test Date:2022/07/26



3D Light Intensity Distribution Modal

Lum. Name:DL50-15-XX-01 3000K RA90	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting	Test Machine:GON-2000	Test Date:2022/07/26

3D Light Intensity Distribution Modal



Zonal Flux Tabulation

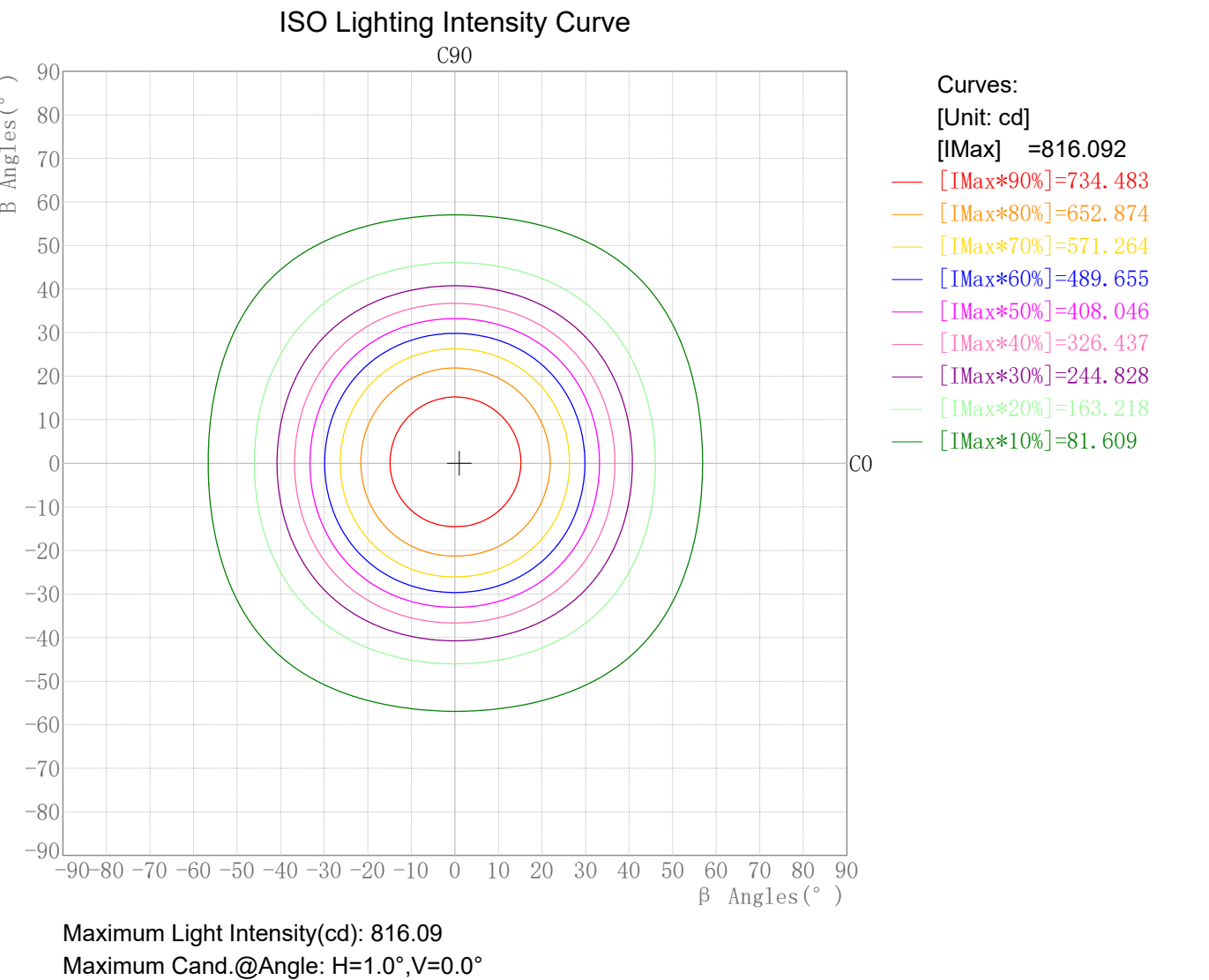
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.78	0.78	0.07	0.07	47.0-48.0	11.78	898.02	1.02	77.58
1.0-2.0	2.34	3.12	0.20	0.27	48.0-49.0	11.06	909.08	0.96	78.53
2.0-3.0	3.89	7.01	0.34	0.61	49.0-50.0	10.40	919.48	0.90	79.43
3.0-4.0	5.42	12.43	0.47	1.07	50.0-51.0	9.78	929.26	0.85	80.28
4.0-5.0	6.94	19.37	0.60	1.67	51.0-52.0	9.23	938.49	0.80	81.08
5.0-6.0	8.44	27.81	0.73	2.40	52.0-53.0	8.73	947.22	0.75	81.83
6.0-7.0	9.91	37.72	0.86	3.26	53.0-54.0	8.32	955.55	0.72	82.55
7.0-8.0	11.35	49.07	0.98	4.24	54.0-55.0	8.02	963.57	0.69	83.24
8.0-9.0	12.75	61.82	1.10	5.34	55.0-56.0	7.81	971.38	0.68	83.92
9.0-10.0	14.12	75.95	1.22	6.56	56.0-57.0	7.60	978.98	0.66	84.57
10.0-11.0	15.45	91.40	1.33	7.90	57.0-58.0	7.31	986.30	0.63	85.20
11.0-12.0	16.74	108.14	1.45	9.34	58.0-59.0	7.00	993.30	0.61	85.81
12.0-13.0	17.98	126.12	1.55	10.89	59.0-60.0	6.70	1000.00	0.58	86.39
13.0-14.0	19.16	145.28	1.66	12.55	60.0-61.0	6.43	1006.43	0.56	86.94
14.0-15.0	20.29	165.57	1.75	14.30	61.0-62.0	6.17	1012.60	0.53	87.48
15.0-16.0	21.36	186.93	1.84	16.15	62.0-63.0	5.93	1018.53	0.51	87.99
16.0-17.0	22.36	209.29	1.93	18.08	63.0-64.0	5.69	1024.22	0.49	88.48
17.0-18.0	23.30	232.59	2.01	20.09	64.0-65.0	5.44	1029.66	0.47	88.95
18.0-19.0	24.17	256.76	2.09	22.18	65.0-66.0	5.21	1034.87	0.45	89.40
19.0-20.0	24.96	281.72	2.16	24.34	66.0-67.0	4.98	1039.85	0.43	89.83
20.0-21.0	25.67	307.40	2.22	26.56	67.0-68.0	4.75	1044.60	0.41	90.24
21.0-22.0	26.33	333.72	2.27	28.83	68.0-69.0	4.52	1049.12	0.39	90.63
22.0-23.0	26.90	360.62	2.32	31.15	69.0-70.0	4.31	1053.43	0.37	91.00
23.0-24.0	27.35	387.98	2.36	33.52	70.0-71.0	4.09	1057.51	0.35	91.36
24.0-25.0	27.63	415.61	2.39	35.90	71.0-72.0	3.87	1061.38	0.33	91.69
25.0-26.0	27.73	443.35	2.40	38.30	72.0-73.0	3.67	1065.05	0.32	92.01
26.0-27.0	27.69	471.04	2.39	40.69	73.0-74.0	3.46	1068.51	0.30	92.31
27.0-28.0	27.53	498.57	2.38	43.07	74.0-75.0	3.27	1071.78	0.28	92.59
28.0-29.0	27.24	525.81	2.35	45.42	75.0-76.0	3.08	1074.86	0.27	92.86
29.0-30.0	26.84	552.64	2.32	47.74	76.0-77.0	2.89	1077.76	0.25	93.11
30.0-31.0	26.32	578.97	2.27	50.02	77.0-78.0	2.72	1080.48	0.23	93.34
31.0-32.0	25.71	604.68	2.22	52.24	78.0-79.0	2.54	1083.02	0.22	93.56
32.0-33.0	25.02	629.69	2.16	54.40	79.0-80.0	2.37	1085.39	0.20	93.77
33.0-34.0	24.25	653.94	2.09	56.49	80.0-81.0	2.20	1087.59	0.19	93.96
34.0-35.0	23.41	677.36	2.02	58.52	81.0-82.0	2.05	1089.64	0.18	94.13
35.0-36.0	22.54	699.89	1.95	60.46	82.0-83.0	1.89	1091.53	0.16	94.30
36.0-37.0	21.62	721.51	1.87	62.33	83.0-84.0	1.75	1093.28	0.15	94.45
37.0-38.0	20.67	742.19	1.79	64.12	84.0-85.0	1.60	1094.88	0.14	94.58
38.0-39.0	19.71	761.90	1.70	65.82	85.0-86.0	1.47	1096.35	0.13	94.71
39.0-40.0	18.75	780.65	1.62	67.44	86.0-87.0	1.35	1097.69	0.12	94.83
40.0-41.0	17.79	798.44	1.54	68.98	87.0-88.0	1.22	1098.92	0.11	94.93
41.0-42.0	16.84	815.29	1.46	70.43	88.0-89.0	1.12	1100.04	0.10	95.03
42.0-43.0	15.92	831.21	1.38	71.81	89.0-90.0	1.04	1101.08	0.09	95.12
43.0-44.0	15.02	846.24	1.30	73.11	90.0-91.0	1.00	1102.08	0.09	95.21
44.0-45.0	14.15	860.39	1.22	74.33	91.0-92.0	0.99	1103.07	0.09	95.29
45.0-46.0	13.32	873.71	1.15	75.48	92.0-93.0	0.98	1104.05	0.08	95.38
46.0-47.0	12.53	886.25	1.08	76.56	93.0-94.0	0.96	1105.02	0.08	95.46

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	0.95	1105.97	0.08	95.54	141.0-142.0	0.67	1143.31	0.06	98.77
95.0-96.0	0.95	1106.92	0.08	95.63	142.0-143.0	0.66	1143.96	0.06	98.83
96.0-97.0	0.94	1107.86	0.08	95.71	143.0-144.0	0.64	1144.60	0.06	98.88
97.0-98.0	0.92	1108.79	0.08	95.79	144.0-145.0	0.63	1145.24	0.05	98.94
98.0-99.0	0.91	1109.70	0.08	95.87	145.0-146.0	0.62	1145.86	0.05	98.99
99.0-100.0	0.91	1110.61	0.08	95.94	146.0-147.0	0.61	1146.48	0.05	99.04
100.0-101.0	0.90	1111.51	0.08	96.02	147.0-148.0	0.60	1147.08	0.05	99.09
101.0-102.0	0.89	1112.40	0.08	96.10	148.0-149.0	0.59	1147.66	0.05	99.14
102.0-103.0	0.88	1113.28	0.08	96.17	149.0-150.0	0.57	1148.23	0.05	99.19
103.0-104.0	0.87	1114.15	0.08	96.25	150.0-151.0	0.56	1148.79	0.05	99.24
104.0-105.0	0.86	1115.01	0.07	96.32	151.0-152.0	0.55	1149.34	0.05	99.29
105.0-106.0	0.86	1115.87	0.07	96.40	152.0-153.0	0.53	1149.87	0.05	99.34
106.0-107.0	0.84	1116.71	0.07	96.47	153.0-154.0	0.52	1150.39	0.04	99.38
107.0-108.0	0.83	1117.54	0.07	96.54	154.0-155.0	0.51	1150.90	0.04	99.42
108.0-109.0	0.83	1118.38	0.07	96.61	155.0-156.0	0.49	1151.39	0.04	99.47
109.0-110.0	0.82	1119.20	0.07	96.69	156.0-157.0	0.48	1151.86	0.04	99.51
110.0-111.0	0.82	1120.01	0.07	96.76	157.0-158.0	0.46	1152.32	0.04	99.55
111.0-112.0	0.82	1120.83	0.07	96.83	158.0-159.0	0.44	1152.76	0.04	99.59
112.0-113.0	0.82	1121.65	0.07	96.90	159.0-160.0	0.43	1153.19	0.04	99.62
113.0-114.0	0.81	1122.45	0.07	96.97	160.0-161.0	0.41	1153.60	0.04	99.66
114.0-115.0	0.80	1123.25	0.07	97.04	161.0-162.0	0.39	1153.99	0.03	99.69
115.0-116.0	0.79	1124.04	0.07	97.10	162.0-163.0	0.37	1154.36	0.03	99.72
116.0-117.0	0.80	1124.85	0.07	97.17	163.0-164.0	0.35	1154.71	0.03	99.75
117.0-118.0	0.80	1125.65	0.07	97.24	164.0-165.0	0.33	1155.05	0.03	99.78
118.0-119.0	0.79	1126.44	0.07	97.31	165.0-166.0	0.31	1155.36	0.03	99.81
119.0-120.0	0.79	1127.23	0.07	97.38	166.0-167.0	0.29	1155.65	0.03	99.84
120.0-121.0	0.78	1128.01	0.07	97.45	167.0-168.0	0.28	1155.93	0.02	99.86
121.0-122.0	0.79	1128.79	0.07	97.51	168.0-169.0	0.25	1156.18	0.02	99.88
122.0-123.0	0.78	1129.57	0.07	97.58	169.0-170.0	0.23	1156.42	0.02	99.90
123.0-124.0	0.77	1130.34	0.07	97.65	170.0-171.0	0.21	1156.63	0.02	99.92
124.0-125.0	0.77	1131.10	0.07	97.71	171.0-172.0	0.19	1156.82	0.02	99.94
125.0-126.0	0.76	1131.86	0.07	97.78	172.0-173.0	0.17	1156.99	0.01	99.95
126.0-127.0	0.75	1132.61	0.06	97.84	173.0-174.0	0.15	1157.14	0.01	99.96
127.0-128.0	0.75	1133.36	0.06	97.91	174.0-175.0	0.13	1157.27	0.01	99.97
128.0-129.0	0.75	1134.11	0.06	97.97	175.0-176.0	0.10	1157.37	0.01	99.98
129.0-130.0	0.75	1134.85	0.06	98.04	176.0-177.0	0.08	1157.45	0.01	99.99
130.0-131.0	0.73	1135.59	0.06	98.10	177.0-178.0	0.06	1157.51	0.01	100.00
131.0-132.0	0.73	1136.32	0.06	98.16	178.0-179.0	0.04	1157.55	0.00	100.00
132.0-133.0	0.73	1137.05	0.06	98.23	179.0-180.0	0.01	1157.56	0.00	100.00
133.0-134.0	0.72	1137.77	0.06	98.29					
134.0-135.0	0.71	1138.48	0.06	98.35					
135.0-136.0	0.71	1139.19	0.06	98.41					
136.0-137.0	0.70	1139.89	0.06	98.47					
137.0-138.0	0.70	1140.59	0.06	98.53					
138.0-139.0	0.69	1141.28	0.06	98.59					
139.0-140.0	0.68	1141.96	0.06	98.65					
140.0-141.0	0.67	1142.64	0.06	98.71					

Rectangle ISO Lighting Intensity Diagram

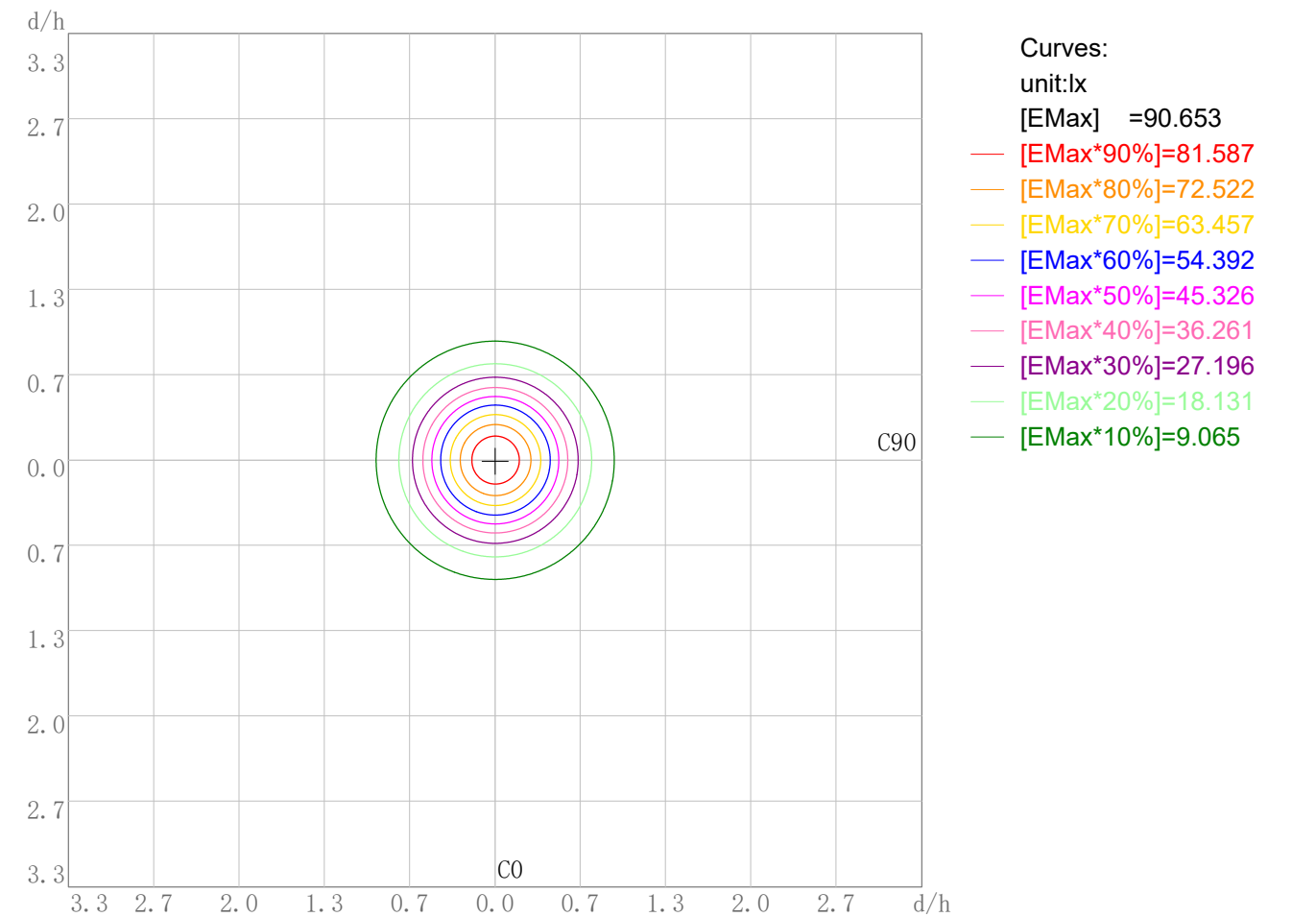
Lum. Name: DL50-15-XX-01 3000K RA90	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting	Test Machine:GON-2000	Test Date: 2022/07/26



Plane ISO-Illuminance Diagram

Lum. Name: DL50-15-XX-01 3000K RA90	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting	Test Machine:GON-2000	Test Date: 2022/07/26

Plane ISO-Illuminance Curve

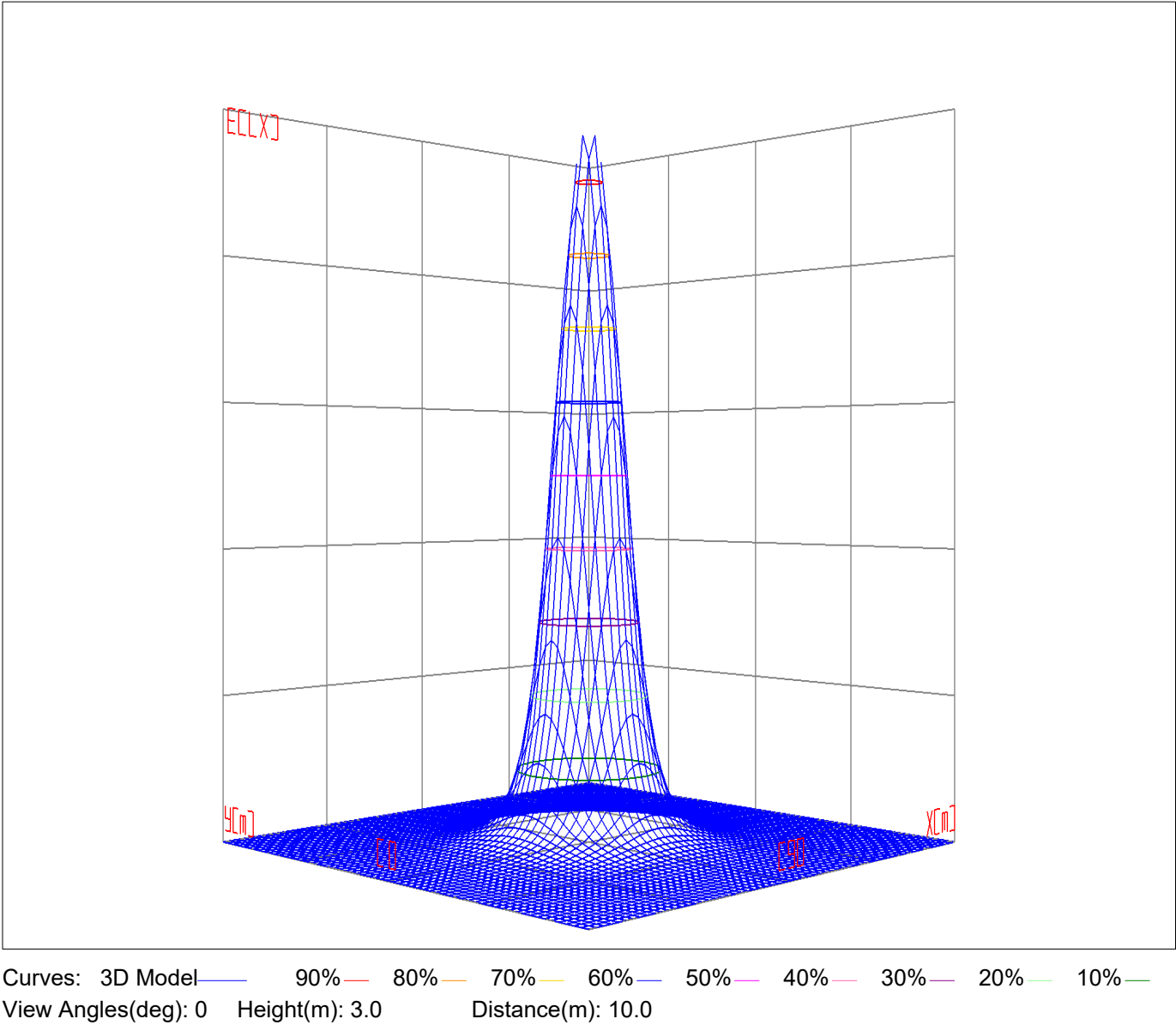


Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 90.65  
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

3D Plane ISO Illuminance Diagram

Lum. Name: DL50-15-XX-01 3000K RA90	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting	Test Machine:GON-2000	Test Date: 2022/07/26

3D Plane Illuminance Modal

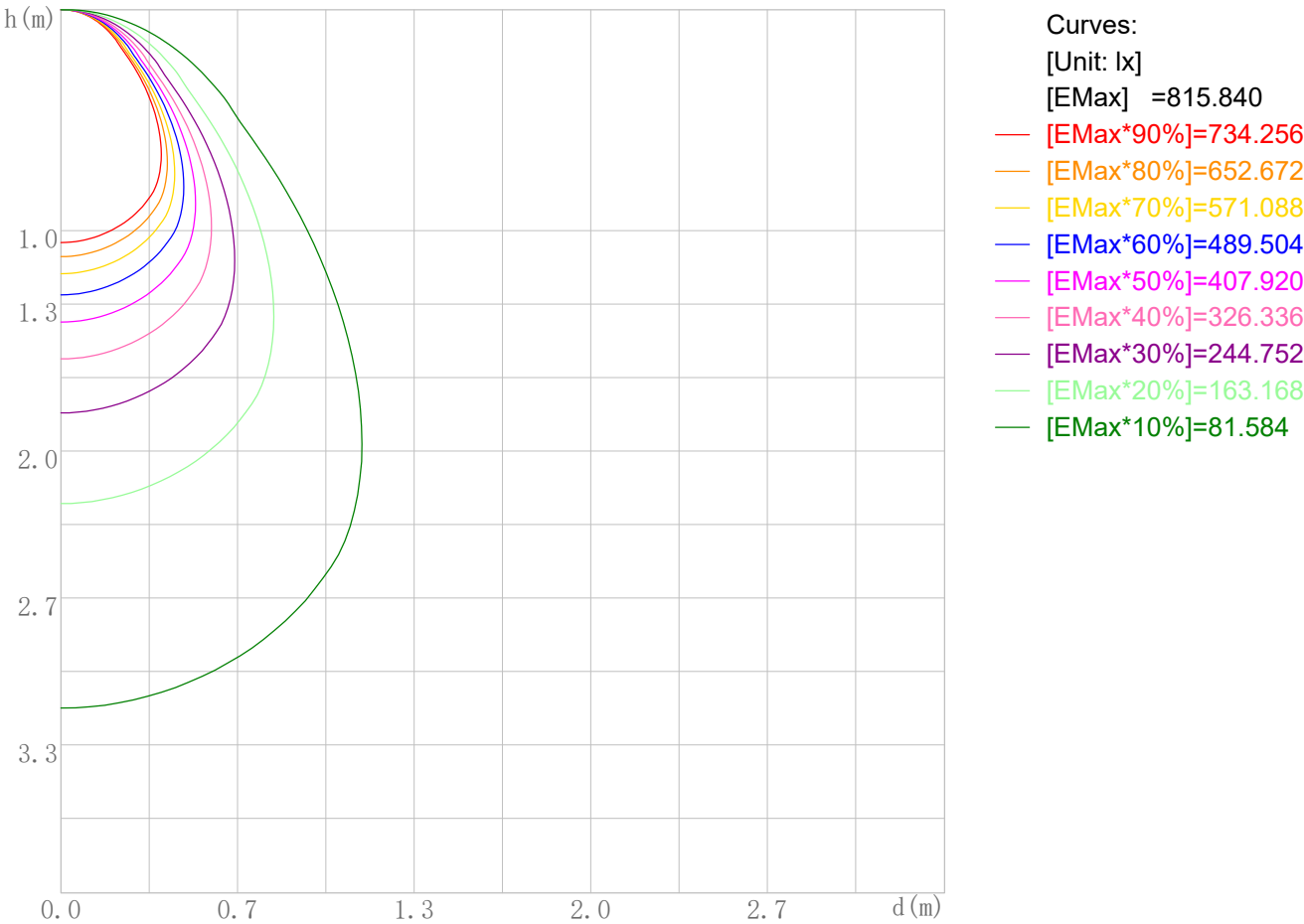




Space ISO Illuminance Diagram

Lum. Name: DL50-15-XX-01 3000K RA90	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting	Test Machine:GON-2000	Test Date: 2022/07/26

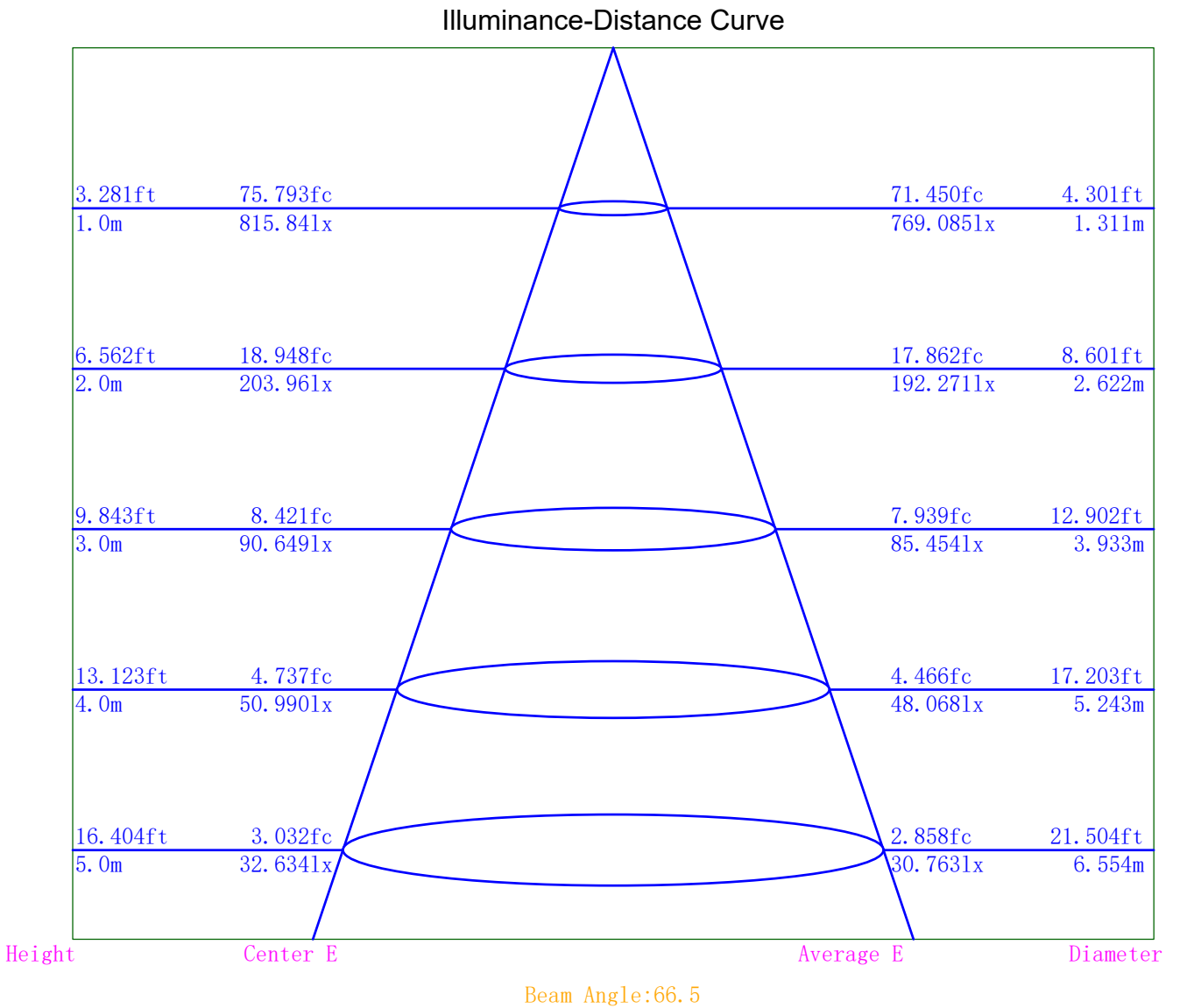
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:815.84lx,0.0deg  
Plane Maximum Lighting Intensity and @Angle:816.092cd,0deg

Illuminance-Distance Diagram

Lum. Name:DL50-15-XX-01 3000K RA90	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting	Test Machine:GON-2000	Test Date:2022/07/26



Indoor Luminance Limiting Curves

Lum. Name: DL50-15-XX-01 3000K RA90	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting	Test Machine:GON-2000	Test Date: 2022/07/26

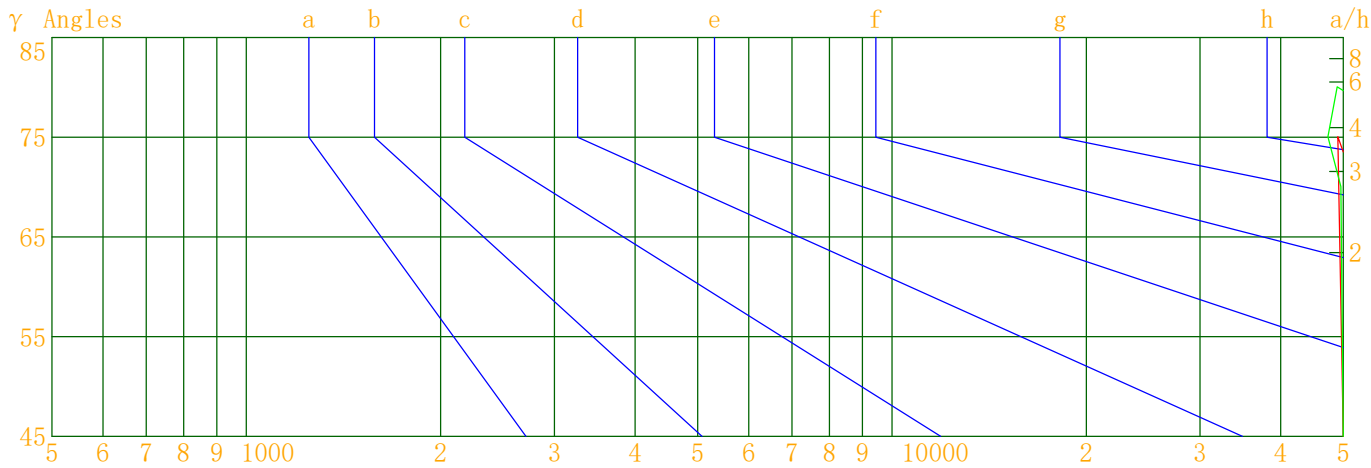
Glare Grade Table

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	105230	78438	64730	58207	53438	50299	49025	52240	68442
C90	105708	79185	65995	58159	53117	49586	47322	48919	63574

Luminance Limiting Curve



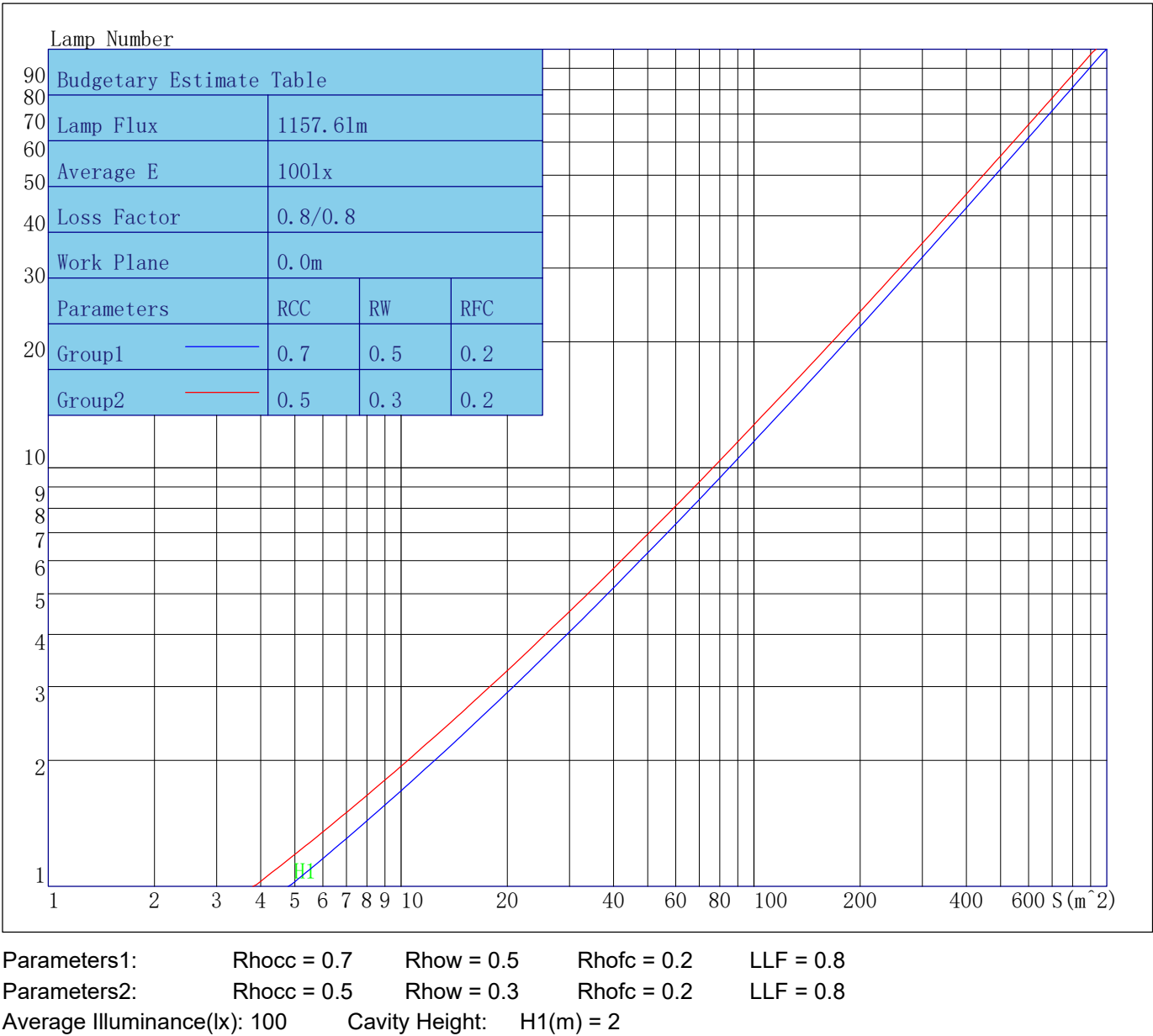
Luminous Size: Length(m)=-0.055 Width(m)=-0.055 Height(m)=0.000 Area(m^2)=0.002376

Luminous Type: Without Luminous Side

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

Indoor Budgetary Estimate Table

Lum. Name:DL50-15-XX-01 3000K RA90	Lum. Catalog:	Test ID:01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting	Test Machine:GON-2000	Test Date: 2022/07/26



Indoor Coefficient of Utilization Table

Lum. Name: DL50-15-XX-01 3000K RA90	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting	Test Machine:GON-2000	Test Date: 2022/07/26

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	108	108	108	103	103	103	98	98	98	95
1	110	106	103	100	107	104	101	98	99	96	94	94	92	90	90	88	87	84
2	103	96	91	86	100	94	89	85	90	86	82	86	83	80	82	80	77	75
3	96	87	81	76	93	85	79	75	82	77	73	79	75	71	76	72	69	67
4	89	80	73	67	87	78	72	67	75	70	65	72	68	64	70	66	63	61
5	84	73	66	60	81	72	65	60	69	63	59	67	62	58	65	60	57	55
6	78	67	60	55	76	66	59	54	64	58	54	62	57	53	60	56	52	50
7	74	62	55	50	72	61	55	50	60	53	49	58	52	48	56	51	48	46
8	69	58	51	46	68	57	50	46	56	49	45	54	49	45	53	48	44	42
9	65	54	47	42	64	53	47	42	52	46	42	51	45	41	49	44	41	39
10	62	51	44	39	61	50	43	39	49	43	39	47	42	38	46	42	38	36

Unified Glare Rating Table

Lum. Name:DL50-15-XX-01 3000K RA90	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting	Test Machine:GON-2000	Test Date:2022/07/26

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	26.8	26.0	27.2	27.6	25.6	26.8	26.0	27.2	27.6
	Y=3H	26.4	27.5	26.9	27.9	28.4	26.4	27.5	26.9	27.9	28.4
	Y=4H	26.8	27.8	27.3	28.3	28.8	26.8	27.8	27.3	28.2	28.7
	Y=6H	27.2	28.1	27.7	28.6	29.1	27.2	28.1	27.7	28.5	29.1
	Y=8H	27.4	28.3	27.9	28.8	29.3	27.3	28.2	27.8	28.7	29.2
	Y=12H	27.6	28.5	28.1	28.9	29.5	27.5	28.3	28.0	28.8	29.4
X=4H	Y=2H	25.9	26.9	26.3	27.3	27.8	25.9	26.9	26.4	27.3	27.8
	Y=3H	26.9	27.7	27.4	28.2	28.8	26.9	27.7	27.4	28.2	28.8
	Y=4H	27.5	28.2	28.0	28.7	29.3	27.4	28.2	28.0	28.7	29.2
	Y=6H	28.0	28.7	28.6	29.2	29.8	28.0	28.6	28.5	29.1	29.7
	Y=8H	28.3	28.9	28.9	29.4	30.0	28.2	28.8	28.8	29.4	29.9
	Y=12H	28.6	29.1	29.2	29.7	30.3	28.5	29.0	29.1	29.6	30.2
X=8H	Y=4H	27.7	28.3	28.2	28.8	29.4	27.6	28.2	28.2	28.8	29.4
	Y=6H	28.4	28.9	29.0	29.5	30.1	28.3	28.8	28.9	29.4	30.1
	Y=8H	28.8	29.2	29.4	29.8	30.4	28.7	29.1	29.3	29.7	30.3
	Y=12H	29.2	29.6	29.8	30.2	30.9	29.1	29.5	29.7	30.1	30.8
X=12H	Y=4H	27.7	28.2	28.2	28.8	29.4	27.7	28.2	28.2	28.8	29.3
	Y=6H	28.5	28.9	29.1	29.5	30.1	28.4	28.8	29.0	29.4	30.0
	Y=8H	28.9	29.3	29.5	29.9	30.6	28.8	29.2	29.4	29.8	30.5
Variations with the objverver position at spacings											
S=1.0H		0.2/-0.2					0.3/-0.3				
S=1.5H		0.5/-0.5					0.6/-0.6				
S=2.0H		0.7/-0.7					0.7/-0.8				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		2.4					2.3				

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

IES Indoor Report

Photometric Filename:DL50-15-XX-01 3000K RA90.IES

---

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	815.84	815.84	815.84	815.84
γ 1.0	816.09	814.95	815.39	814.00
γ 2.0	814.35	813.70	814.92	812.57
γ 3.0	812.91	812.25	811.95	809.87
γ 4.0	809.53	808.57	809.10	806.94
γ 5.0	806.19	805.65	806.17	802.55
γ 6.0	801.85	801.43	801.14	797.76
γ 7.0	797.04	797.12	796.09	792.72
γ 8.0	791.75	791.38	790.61	786.48
γ 9.0	785.27	786.05	784.06	779.68
γ 10.0	778.73	779.31	776.79	773.21
γ 11.0	771.43	771.70	769.53	765.58
γ 12.0	763.16	764.17	761.70	757.77
γ 13.0	755.00	755.64	752.65	748.83
γ 14.0	746.42	746.60	743.37	740.21
γ 15.0	736.29	737.03	733.34	728.88
γ 16.0	725.29	726.81	723.11	719.23
γ 17.0	714.90	715.70	711.64	707.43
γ 18.0	703.25	703.96	700.32	696.26
γ 19.0	691.53	691.09	687.85	683.16
γ 20.0	677.89	678.10	674.55	670.36
γ 21.0	664.48	665.19	660.97	656.51
γ 22.0	651.40	651.44	647.50	642.56
γ 23.0	636.87	636.80	633.49	628.63
γ 24.0	619.25	618.54	617.92	613.07
γ 25.0	599.73	599.56	599.70	593.45
γ 26.0	578.43	577.68	578.26	572.74
γ 27.0	556.64	555.73	556.79	551.10
γ 28.0	533.34	532.86	534.16	529.06
γ 29.0	510.40	509.32	511.03	504.62
γ 30.0	485.78	485.70	487.49	481.35
γ 31.0	461.32	461.60	463.10	457.23
γ 32.0	436.97	437.41	438.94	433.02
γ 33.0	412.93	413.70	414.75	409.04
γ 34.0	388.79	389.24	390.99	385.65
γ 35.0	365.18	365.67	367.47	362.68
γ 36.0	342.25	342.81	344.48	340.64
γ 37.0	320.20	320.51	322.24	318.51
γ 38.0	298.75	299.15	300.73	297.36
γ 39.0	278.20	278.67	279.78	277.45
γ 40.0	258.70	259.30	260.27	258.19
γ 41.0	240.07	240.48	241.68	239.95
γ 42.0	223.01	222.94	223.71	222.67
γ 43.0	206.60	206.80	207.32	206.34
γ 44.0	191.15	191.47	191.51	191.15
γ 45.0	176.78	177.59	176.77	176.82
γ 46.0	163.38	164.25	163.60	163.49

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	151.37	151.95	150.90	151.48
γ 48.0	139.98	140.23	139.55	139.69
γ 49.0	129.46	130.21	128.89	129.63
γ 50.0	119.79	120.93	119.08	119.49
γ 51.0	111.46	112.44	110.71	111.01
γ 52.0	104.16	104.72	102.60	103.27
γ 53.0	97.39	98.46	95.78	96.50
γ 54.0	92.57	93.28	90.09	91.18
γ 55.0	88.21	89.93	86.20	87.53
γ 56.0	84.97	86.64	83.41	84.81
γ 57.0	81.08	81.82	80.55	81.41
γ 58.0	77.08	77.01	76.61	76.99
γ 59.0	72.96	73.04	73.06	72.48
γ 60.0	69.14	69.09	68.96	68.94
γ 61.0	65.81	65.71	65.44	65.47
γ 62.0	62.71	62.55	62.46	62.31
γ 63.0	59.46	59.34	59.63	59.31
γ 64.0	56.50	56.38	56.50	56.33
γ 65.0	53.65	53.33	53.82	53.56
γ 66.0	50.81	50.77	50.95	50.68
γ 67.0	48.08	47.92	48.46	48.23
γ 68.0	45.60	45.20	45.74	45.74
γ 69.0	43.25	42.66	43.50	42.88
γ 70.0	40.87	40.29	41.31	40.62
γ 71.0	38.52	37.62	38.87	38.08
γ 72.0	36.61	35.47	36.99	35.85
γ 73.0	34.23	33.11	34.56	33.54
γ 74.0	32.50	31.15	32.69	31.54
γ 75.0	30.15	29.10	30.99	29.66
γ 76.0	28.27	27.34	29.04	27.51
γ 77.0	26.29	25.32	27.41	25.99
γ 78.0	24.78	23.72	25.58	24.13
γ 79.0	22.88	21.93	23.93	22.50
γ 80.0	21.55	20.18	22.20	20.60
γ 81.0	19.76	18.76	20.67	19.18
γ 82.0	18.48	17.24	19.12	17.64
γ 83.0	17.05	15.77	17.75	16.15
γ 84.0	15.50	14.58	16.62	14.73
γ 85.0	14.17	13.16	15.05	13.46
γ 86.0	12.92	12.53	13.87	12.37
γ 87.0	11.77	11.29	12.45	11.35
γ 88.0	10.51	10.52	11.27	10.23
γ 89.0	9.54	9.93	9.98	9.68
γ 90.0	9.04	9.37	9.10	9.44
γ 91.0	9.12	9.13	8.91	8.91
γ 92.0	9.02	9.41	8.82	9.05
γ 93.0	8.77	9.00	8.71	8.85



Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	8.64	8.91	8.56	8.83
γ 95.0	8.61	8.83	8.53	8.88
γ 96.0	8.94	8.80	8.57	8.65
γ 97.0	8.48	8.57	8.61	8.51
γ 98.0	8.48	8.50	8.43	8.27
γ 99.0	8.27	8.53	8.47	8.37
γ 100.0	8.33	8.40	8.54	8.27
γ 101.0	8.33	8.40	8.07	8.38
γ 102.0	8.35	8.18	8.27	8.39
γ 103.0	8.33	7.95	8.19	8.26
γ 104.0	8.30	8.02	8.04	8.16
γ 105.0	8.10	8.18	8.07	8.25
γ 106.0	8.14	8.19	7.97	7.95
γ 107.0	8.13	7.78	8.06	7.70
γ 108.0	8.00	8.02	8.14	7.98
γ 109.0	8.32	7.94	7.94	7.65
γ 110.0	8.37	7.70	7.95	7.56
γ 111.0	7.95	7.84	8.13	7.99
γ 112.0	8.22	8.08	8.05	7.98
γ 113.0	8.03	7.90	8.02	8.22
γ 114.0	8.10	7.81	7.88	8.18
γ 115.0	8.07	7.79	8.07	8.06
γ 116.0	8.41	7.79	7.93	7.91
γ 117.0	8.79	8.27	8.14	8.15
γ 118.0	8.32	8.06	8.25	8.00
γ 119.0	8.40	8.14	8.07	8.36
γ 120.0	8.43	8.02	8.19	8.39
γ 121.0	8.46	8.35	8.17	8.29
γ 122.0	8.51	8.55	8.57	8.30
γ 123.0	8.66	8.14	8.31	8.24
γ 124.0	8.56	8.39	8.29	8.35
γ 125.0	8.48	8.72	8.39	8.75
γ 126.0	8.44	8.23	8.28	8.68
γ 127.0	8.61	8.45	8.53	8.92
γ 128.0	8.54	8.43	8.54	8.69
γ 129.0	8.89	8.55	8.96	9.03
γ 130.0	8.87	8.65	8.83	8.80
γ 131.0	8.76	8.48	8.90	9.03
γ 132.0	8.98	9.04	8.75	9.18
γ 133.0	8.86	8.94	8.89	9.42
γ 134.0	9.18	9.09	9.10	9.06
γ 135.0	9.16	9.12	9.06	9.17
γ 136.0	9.19	9.13	9.31	9.28
γ 137.0	9.65	9.04	9.49	9.31
γ 138.0	9.60	9.45	9.55	9.43
γ 139.0	9.51	9.45	9.55	9.76
γ 140.0	9.69	9.45	9.55	9.59

---

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	9.78	9.77	9.66	9.84
γ 142.0	9.90	9.85	9.88	9.75
γ 143.0	9.92	9.68	9.97	9.68
γ 144.0	9.76	9.89	9.90	9.85
γ 145.0	10.07	9.86	9.97	10.36
γ 146.0	10.00	9.98	9.96	10.26
γ 147.0	10.34	10.20	10.09	10.26
γ 148.0	10.29	10.13	10.04	10.14
γ 149.0	10.48	10.14	10.35	10.13
γ 150.0	10.21	10.06	10.37	10.31
γ 151.0	10.60	10.39	10.42	10.37
γ 152.0	10.69	10.59	10.46	10.31
γ 153.0	10.56	10.69	10.49	10.50
γ 154.0	10.89	10.59	10.44	10.72
γ 155.0	10.87	10.68	10.69	10.78
γ 156.0	11.05	10.75	10.74	10.73
γ 157.0	11.13	10.81	10.98	10.94
γ 158.0	10.99	11.07	10.84	10.84
γ 159.0	11.06	11.09	11.17	10.94
γ 160.0	11.27	11.17	11.26	11.10
γ 161.0	11.06	11.36	11.15	11.01
γ 162.0	11.29	11.11	11.39	11.17
γ 163.0	11.37	11.42	11.39	11.06
γ 164.0	11.44	11.26	11.31	11.01
γ 165.0	11.64	11.57	11.44	11.30
γ 166.0	11.54	11.44	11.30	11.37
γ 167.0	11.57	11.43	11.45	11.70
γ 168.0	11.77	11.50	11.69	11.60
γ 169.0	11.87	11.70	11.55	11.53
γ 170.0	11.86	11.69	11.52	11.98
γ 171.0	12.08	11.86	11.61	11.75
γ 172.0	12.23	11.93	11.77	11.78
γ 173.0	11.74	11.87	11.82	11.93
γ 174.0	11.97	11.92	12.19	11.66
γ 175.0	12.38	12.17	12.01	11.68
γ 176.0	12.13	12.19	12.12	11.71
γ 177.0	12.49	12.12	12.09	11.93
γ 178.0	12.34	12.33	12.19	11.99
γ 179.0	12.26	12.23	12.43	12.00
γ 180.0	12.14	12.14	12.14	12.14