

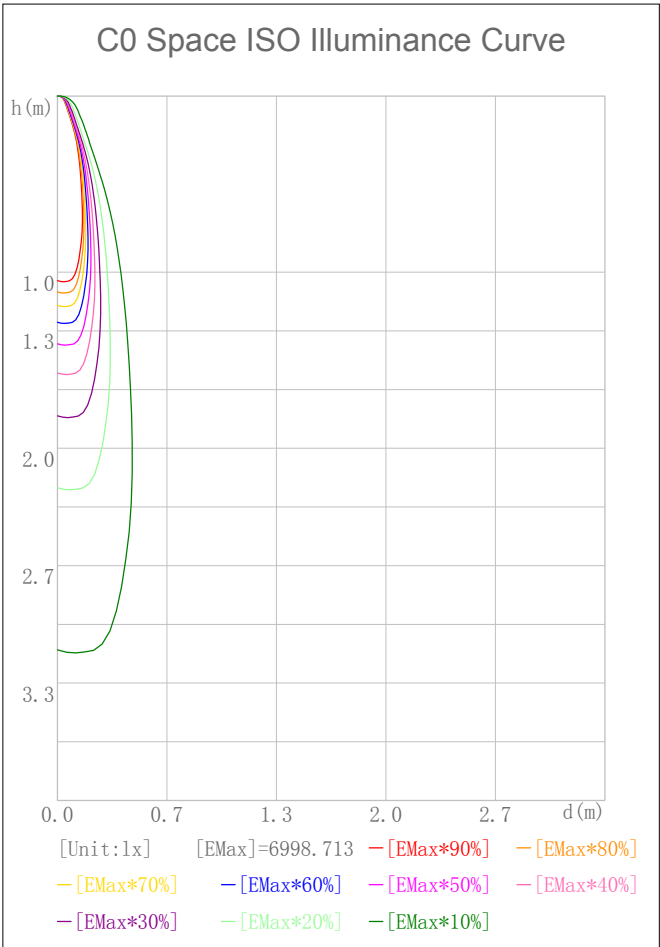
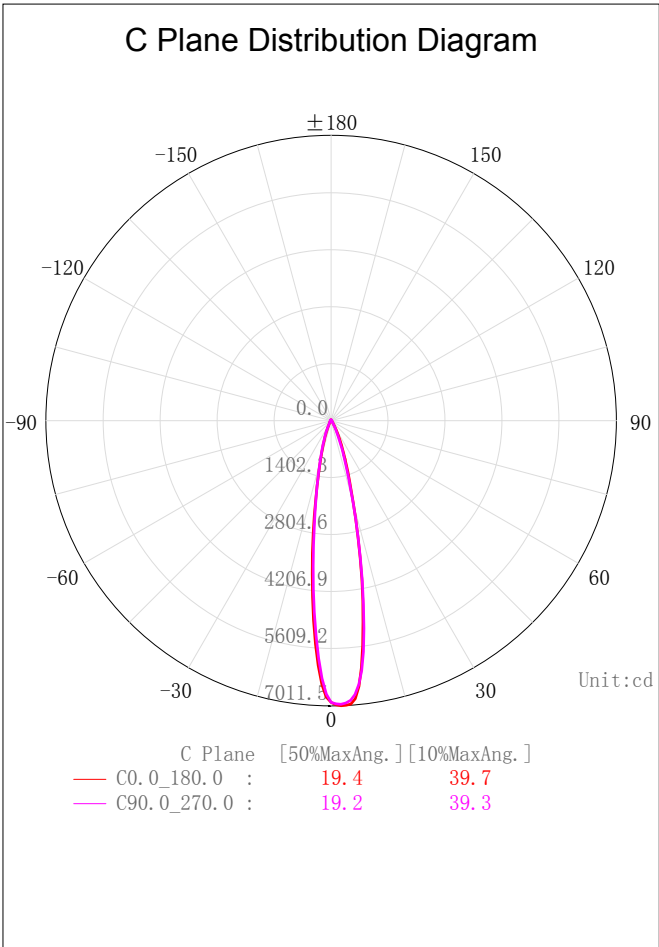
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR04-15-XX-01 3000K RA90 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2020/07/09
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

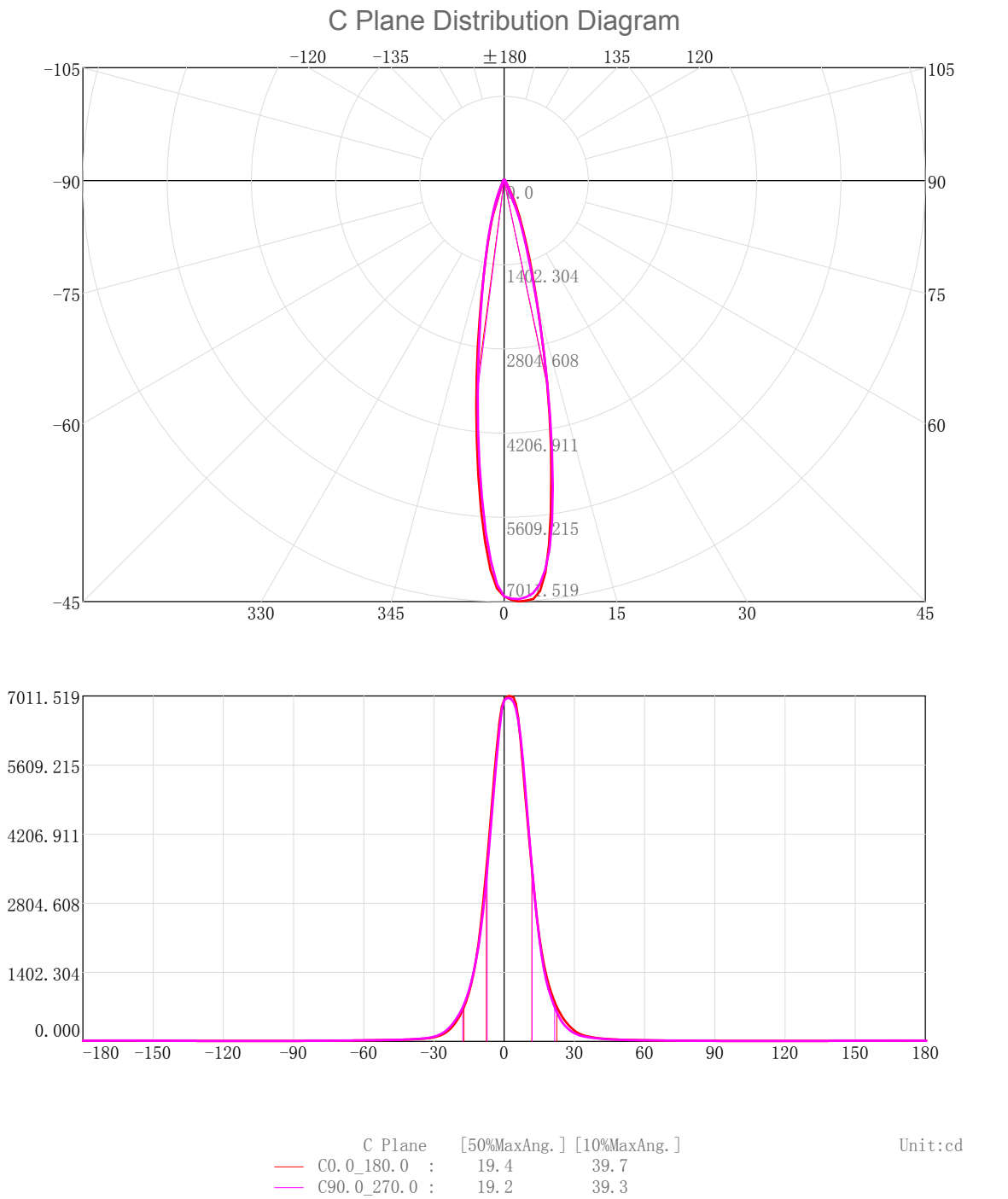
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 1327.760	Luminary Flux(lm): 1327.758	Field Angle(10%Imax): 39.7(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1247.763lm 93.98%
Rated Voltage(V):	Luminary EER(lm/W): 89.896	Up Lumens&Percent: 79.995lm 6.02%
Tested Power(W): 14.770	Max. Candela(cd): 7011.519	S/MH: C0_a180=0.336 C90_270=0.330
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=2.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):239.9, 0.063, 0.965	Beam Angle(50%Imax): 19.4(°)	ErP ϕ use(90°): 1148.629lm
Lamp Size (W*L*H):0.050m*0.000m*0.000m	Left=-7.6°, Right=11.9°	IRF(%): 1084.523



2D Plane Light Intensity Distribution Curve

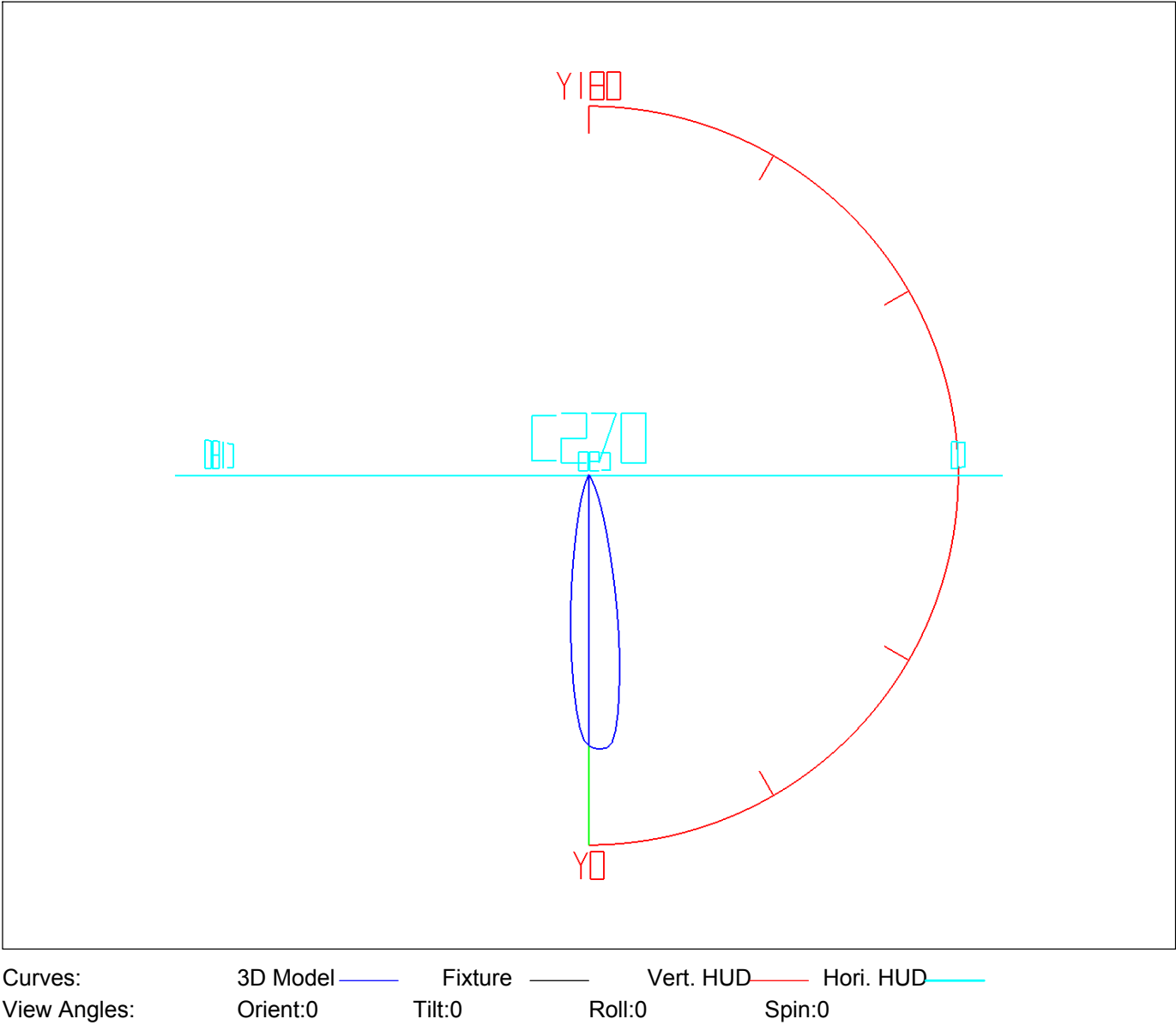
Lum. Name:TR04-15-XX-01 3000K RA90 15D	Lum. Catalog:	Test ID:01
Lamp Name:	Lamp Catalog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2020/07/09



3D Light Intensity Distribution Modal

Lum. Name:TR04-15-XX-01 3000K RA90 15D	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:2020/07/09

3D Light Intensity Distribution Modal



Zonal Flux Tabulation

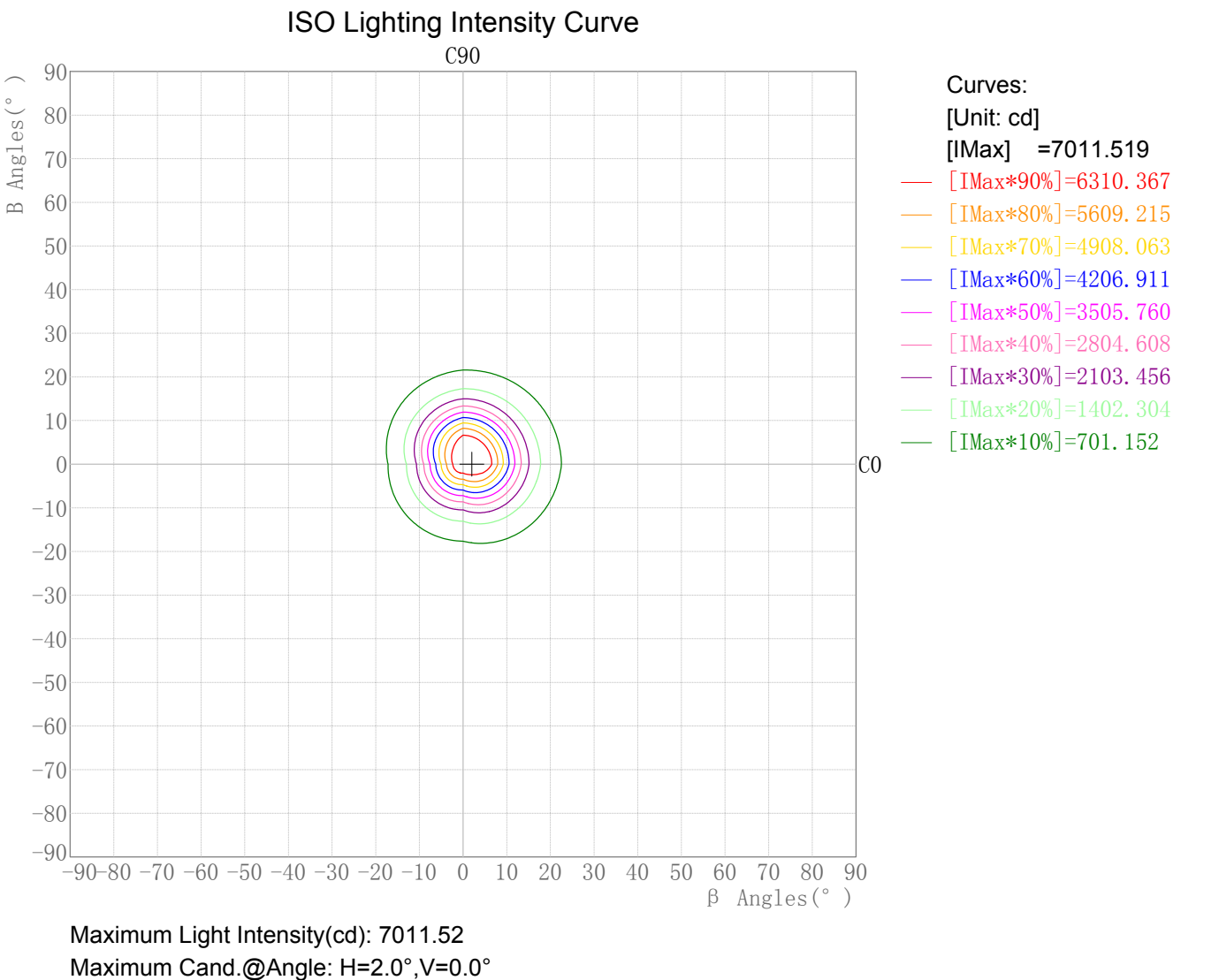
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	6.60	6.60	0.50	0.50	47.0-48.0	2.89	1164.01	0.22	87.67
1.0-2.0	19.47	26.07	1.47	1.96	48.0-49.0	2.81	1166.82	0.21	87.88
2.0-3.0	31.47	57.53	2.37	4.33	49.0-50.0	2.74	1169.56	0.21	88.08
3.0-4.0	42.25	99.78	3.18	7.51	50.0-51.0	2.67	1172.23	0.20	88.29
4.0-5.0	51.55	151.33	3.88	11.40	51.0-52.0	2.62	1174.84	0.20	88.48
5.0-6.0	58.94	210.27	4.44	15.84	52.0-53.0	2.57	1177.42	0.19	88.68
6.0-7.0	64.10	274.37	4.83	20.66	53.0-54.0	2.53	1179.95	0.19	88.87
7.0-8.0	66.92	341.30	5.04	25.70	54.0-55.0	2.50	1182.45	0.19	89.06
8.0-9.0	67.52	408.82	5.09	30.79	55.0-56.0	2.46	1184.91	0.19	89.24
9.0-10.0	66.39	475.21	5.00	35.79	56.0-57.0	2.42	1187.33	0.18	89.42
10.0-11.0	63.92	539.13	4.81	40.60	57.0-58.0	2.39	1189.72	0.18	89.60
11.0-12.0	60.33	599.47	4.54	45.15	58.0-59.0	2.36	1192.09	0.18	89.78
12.0-13.0	56.11	655.57	4.23	49.37	59.0-60.0	2.32	1194.41	0.18	89.96
13.0-14.0	51.57	707.14	3.88	53.26	60.0-61.0	2.29	1196.70	0.17	90.13
14.0-15.0	46.94	754.08	3.54	56.79	61.0-62.0	2.25	1198.94	0.17	90.30
15.0-16.0	42.49	796.57	3.20	59.99	62.0-63.0	2.21	1201.15	0.17	90.46
16.0-17.0	38.36	834.93	2.89	62.88	63.0-64.0	2.17	1203.33	0.16	90.63
17.0-18.0	34.63	869.55	2.61	65.49	64.0-65.0	2.14	1205.47	0.16	90.79
18.0-19.0	31.27	900.83	2.36	67.85	65.0-66.0	2.10	1207.56	0.16	90.95
19.0-20.0	28.20	929.02	2.12	69.97	66.0-67.0	2.06	1209.62	0.16	91.10
20.0-21.0	25.32	954.35	1.91	71.88	67.0-68.0	2.03	1211.65	0.15	91.26
21.0-22.0	22.62	976.97	1.70	73.58	68.0-69.0	1.98	1213.63	0.15	91.40
22.0-23.0	20.08	997.05	1.51	75.09	69.0-70.0	1.95	1215.58	0.15	91.55
23.0-24.0	17.75	1014.79	1.34	76.43	70.0-71.0	1.91	1217.49	0.14	91.70
24.0-25.0	15.65	1030.44	1.18	77.61	71.0-72.0	1.87	1219.36	0.14	91.84
25.0-26.0	13.79	1044.23	1.04	78.65	72.0-73.0	1.84	1221.20	0.14	91.97
26.0-27.0	12.13	1056.36	0.91	79.56	73.0-74.0	1.81	1223.01	0.14	92.11
27.0-28.0	10.69	1067.05	0.80	80.36	74.0-75.0	1.77	1224.78	0.13	92.24
28.0-29.0	9.44	1076.49	0.71	81.08	75.0-76.0	1.74	1226.52	0.13	92.37
29.0-30.0	8.37	1084.86	0.63	81.71	76.0-77.0	1.71	1228.22	0.13	92.50
30.0-31.0	7.46	1092.32	0.56	82.27	77.0-78.0	1.67	1229.90	0.13	92.63
31.0-32.0	6.70	1099.02	0.50	82.77	78.0-79.0	1.64	1231.54	0.12	92.75
32.0-33.0	6.09	1105.11	0.46	83.23	79.0-80.0	1.61	1233.15	0.12	92.87
33.0-34.0	5.61	1110.71	0.42	83.65	80.0-81.0	1.58	1234.73	0.12	92.99
34.0-35.0	5.21	1115.92	0.39	84.05	81.0-82.0	1.55	1236.29	0.12	93.11
35.0-36.0	4.86	1120.78	0.37	84.41	82.0-83.0	1.52	1237.81	0.11	93.23
36.0-37.0	4.57	1125.35	0.34	84.76	83.0-84.0	1.50	1239.31	0.11	93.34
37.0-38.0	4.33	1129.68	0.33	85.08	84.0-85.0	1.47	1240.78	0.11	93.45
38.0-39.0	4.12	1133.80	0.31	85.39	85.0-86.0	1.44	1242.22	0.11	93.56
39.0-40.0	3.93	1137.73	0.30	85.69	86.0-87.0	1.42	1243.64	0.11	93.66
40.0-41.0	3.75	1141.48	0.28	85.97	87.0-88.0	1.39	1245.03	0.10	93.77
41.0-42.0	3.60	1145.08	0.27	86.24	88.0-89.0	1.37	1246.41	0.10	93.87
42.0-43.0	3.46	1148.54	0.26	86.50	89.0-90.0	1.36	1247.76	0.10	93.98
43.0-44.0	3.32	1151.86	0.25	86.75	90.0-91.0	1.34	1249.10	0.10	94.08
44.0-45.0	3.19	1155.05	0.24	86.99	91.0-92.0	1.32	1250.42	0.10	94.18
45.0-46.0	3.08	1158.13	0.23	87.22	92.0-93.0	1.31	1251.73	0.10	94.27
46.0-47.0	2.98	1161.12	0.22	87.45	93.0-94.0	1.30	1253.03	0.10	94.37

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	1.29	1254.32	0.10	94.47	141.0-142.0	0.98	1305.18	0.07	98.30
95.0-96.0	1.28	1255.60	0.10	94.57	142.0-143.0	0.97	1306.15	0.07	98.37
96.0-97.0	1.27	1256.87	0.10	94.66	143.0-144.0	0.97	1307.12	0.07	98.45
97.0-98.0	1.26	1258.13	0.09	94.76	144.0-145.0	0.97	1308.09	0.07	98.52
98.0-99.0	1.25	1259.37	0.09	94.85	145.0-146.0	0.96	1309.06	0.07	98.59
99.0-100.0	1.24	1260.61	0.09	94.94	146.0-147.0	0.96	1310.01	0.07	98.66
100.0-101.0	1.23	1261.84	0.09	95.04	147.0-148.0	0.95	1310.96	0.07	98.73
101.0-102.0	1.22	1263.06	0.09	95.13	148.0-149.0	0.94	1311.89	0.07	98.81
102.0-103.0	1.21	1264.27	0.09	95.22	149.0-150.0	0.92	1312.82	0.07	98.87
103.0-104.0	1.20	1265.48	0.09	95.31	150.0-151.0	0.91	1313.72	0.07	98.94
104.0-105.0	1.19	1266.67	0.09	95.40	151.0-152.0	0.89	1314.61	0.07	99.01
105.0-106.0	1.19	1267.86	0.09	95.49	152.0-153.0	0.87	1315.49	0.07	99.08
106.0-107.0	1.18	1269.04	0.09	95.58	153.0-154.0	0.85	1316.33	0.06	99.14
107.0-108.0	1.17	1270.21	0.09	95.67	154.0-155.0	0.83	1317.16	0.06	99.20
108.0-109.0	1.16	1271.36	0.09	95.75	155.0-156.0	0.80	1317.96	0.06	99.26
109.0-110.0	1.15	1272.51	0.09	95.84	156.0-157.0	0.78	1318.74	0.06	99.32
110.0-111.0	1.14	1273.66	0.09	95.93	157.0-158.0	0.75	1319.49	0.06	99.38
111.0-112.0	1.14	1274.79	0.09	96.01	158.0-159.0	0.72	1320.21	0.05	99.43
112.0-113.0	1.12	1275.92	0.08	96.10	159.0-160.0	0.69	1320.90	0.05	99.48
113.0-114.0	1.11	1277.03	0.08	96.18	160.0-161.0	0.66	1321.57	0.05	99.53
114.0-115.0	1.10	1278.13	0.08	96.26	161.0-162.0	0.63	1322.20	0.05	99.58
115.0-116.0	1.09	1279.23	0.08	96.34	162.0-163.0	0.60	1322.79	0.05	99.63
116.0-117.0	1.08	1280.31	0.08	96.43	163.0-164.0	0.57	1323.36	0.04	99.67
117.0-118.0	1.07	1281.38	0.08	96.51	164.0-165.0	0.53	1323.89	0.04	99.71
118.0-119.0	1.06	1282.44	0.08	96.59	165.0-166.0	0.50	1324.39	0.04	99.75
119.0-120.0	1.05	1283.49	0.08	96.67	166.0-167.0	0.47	1324.86	0.04	99.78
120.0-121.0	1.04	1284.54	0.08	96.74	167.0-168.0	0.43	1325.29	0.03	99.81
121.0-122.0	1.03	1285.57	0.08	96.82	168.0-169.0	0.40	1325.69	0.03	99.84
122.0-123.0	1.02	1286.58	0.08	96.90	169.0-170.0	0.36	1326.05	0.03	99.87
123.0-124.0	1.01	1287.59	0.08	96.97	170.0-171.0	0.33	1326.37	0.02	99.90
124.0-125.0	1.00	1288.60	0.08	97.05	171.0-172.0	0.29	1326.67	0.02	99.92
125.0-126.0	1.00	1289.59	0.08	97.13	172.0-173.0	0.26	1326.92	0.02	99.94
126.0-127.0	0.99	1290.58	0.07	97.20	173.0-174.0	0.22	1327.15	0.02	99.95
127.0-128.0	0.98	1291.57	0.07	97.27	174.0-175.0	0.19	1327.33	0.01	99.97
128.0-129.0	0.98	1292.55	0.07	97.35	175.0-176.0	0.15	1327.49	0.01	99.98
129.0-130.0	0.97	1293.52	0.07	97.42	176.0-177.0	0.12	1327.61	0.01	99.99
130.0-131.0	0.97	1294.49	0.07	97.49	177.0-178.0	0.09	1327.69	0.01	99.99
131.0-132.0	0.97	1295.46	0.07	97.57	178.0-179.0	0.05	1327.74	0.00	100.00
132.0-133.0	0.97	1296.43	0.07	97.64	179.0-180.0	0.02	1327.76	0.00	100.00
133.0-134.0	0.97	1297.40	0.07	97.71					
134.0-135.0	0.97	1298.36	0.07	97.79					
135.0-136.0	0.97	1299.33	0.07	97.86					
136.0-137.0	0.97	1300.30	0.07	97.93					
137.0-138.0	0.97	1301.27	0.07	98.01					
138.0-139.0	0.97	1302.24	0.07	98.08					
139.0-140.0	0.98	1303.22	0.07	98.15					
140.0-141.0	0.98	1304.20	0.07	98.23					

Rectangle ISO Lighting Intensity Diagram

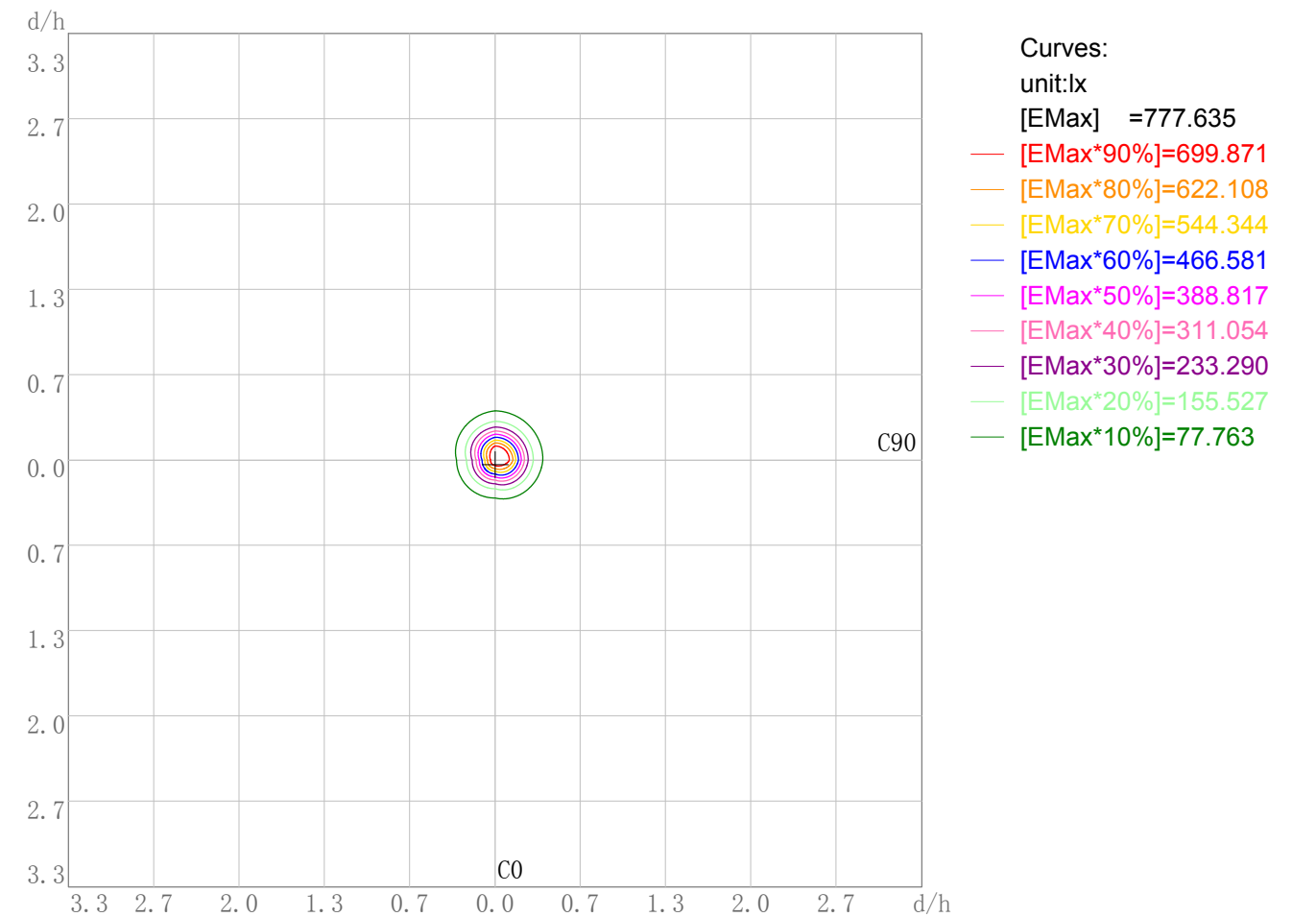
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Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2020/07/09



Plane ISO-Illuminance Diagram

Lum. Name:TR04-15-XX-01 3000K RA90 15D	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: 2020/07/09

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 777.63
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

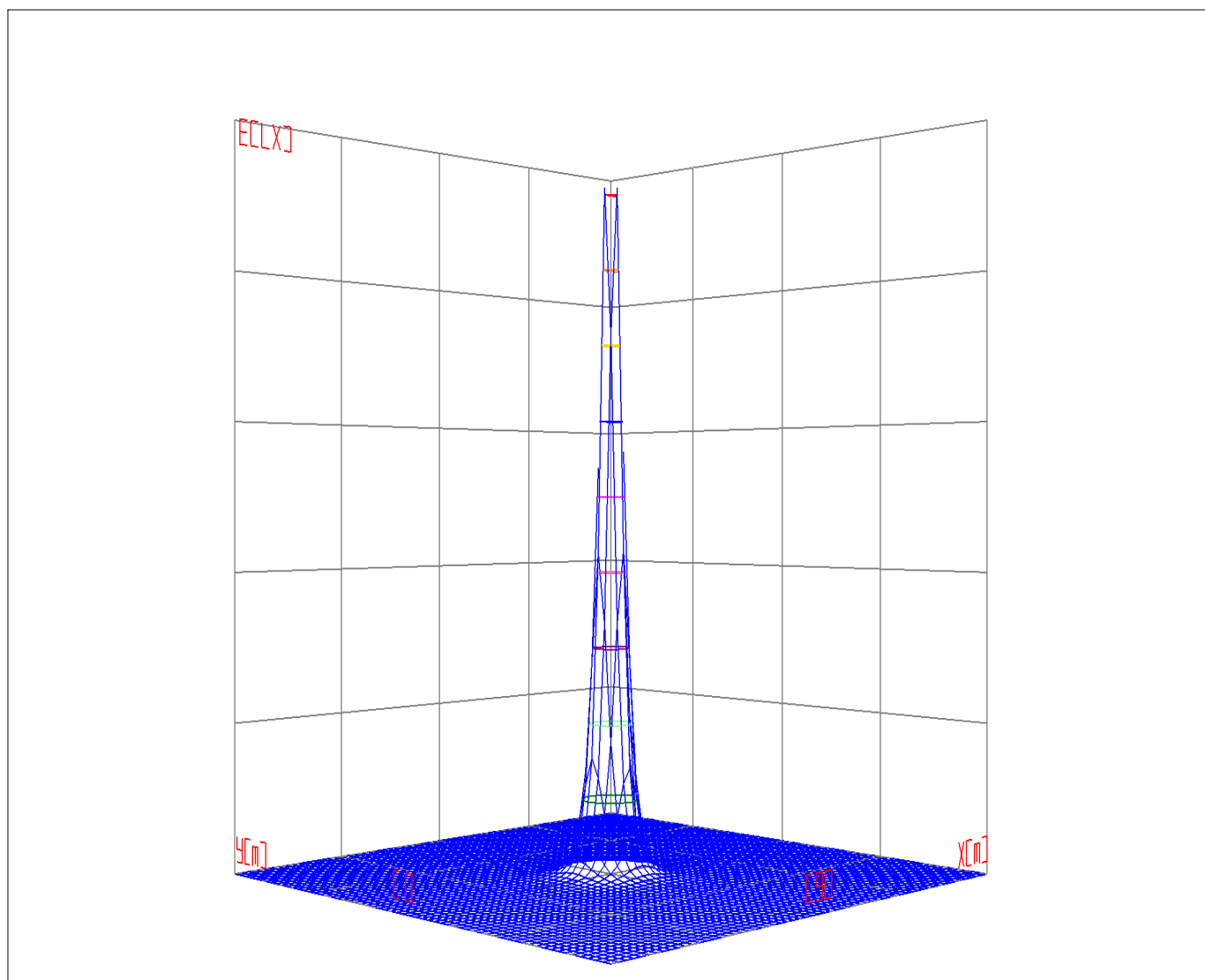
IES Indoor Report

Photometric Filename:TR04-15-XX-01 3000K RA90 15D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: TR04-15-XX-01 3000K RA90 15D	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: 2020/07/09

3D Plane Illuminance Modal

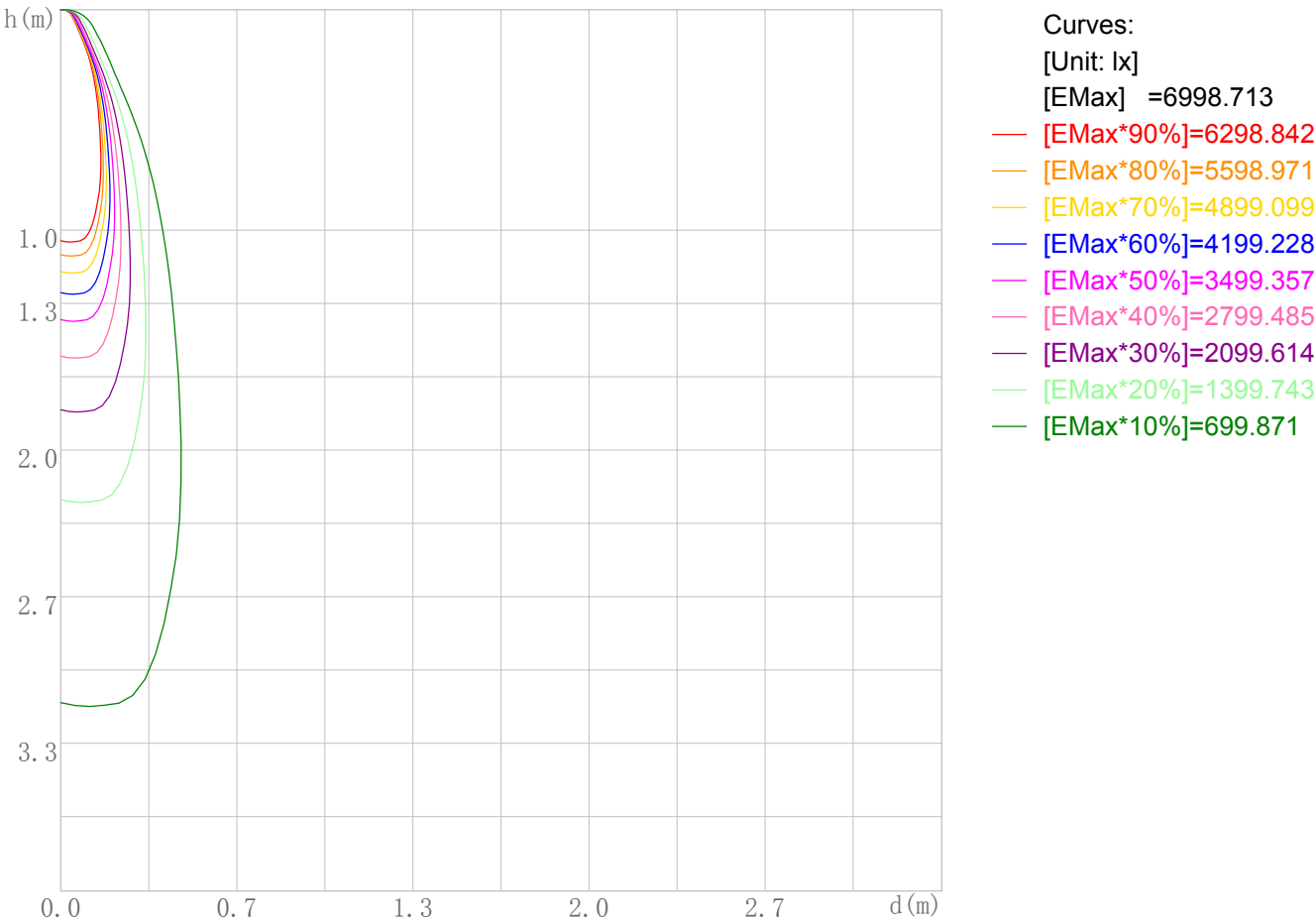


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: TR04-15-XX-01 3000K RA90 15D	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: 2020/07/09

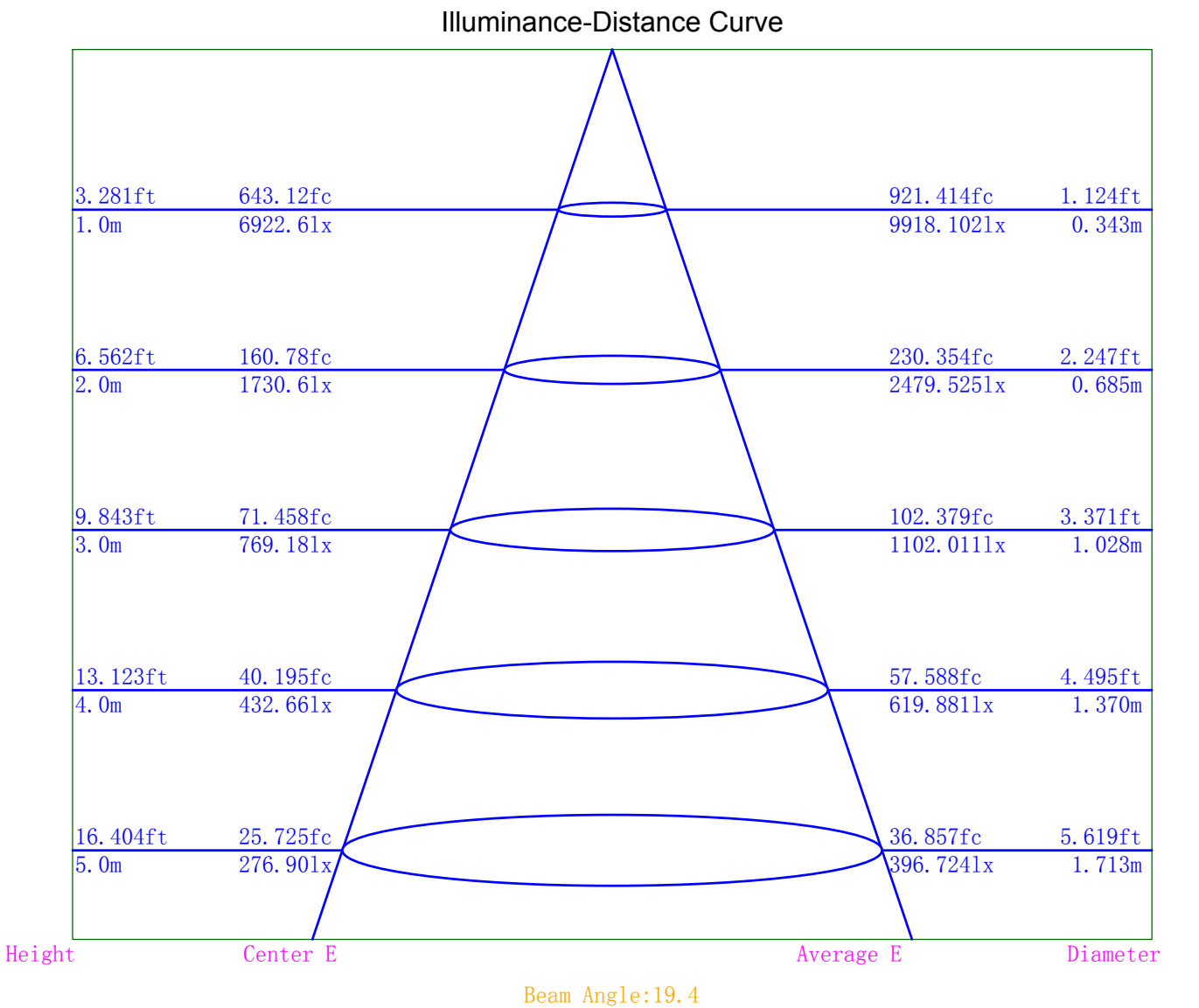
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:6998.71lx,2.0deg
Plane Maximum Lighting Intensity and @Angle:7011.519cd,0deg

Illuminance-Distance Diagram

Lum. Name:TR04-15-XX-01 3000K RA90 15D	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:2020/07/09



Indoor Luminance Limiting Curves

Lum. Name: TR04-15-XX-01 3000K RA90 15D	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: 2020/07/09

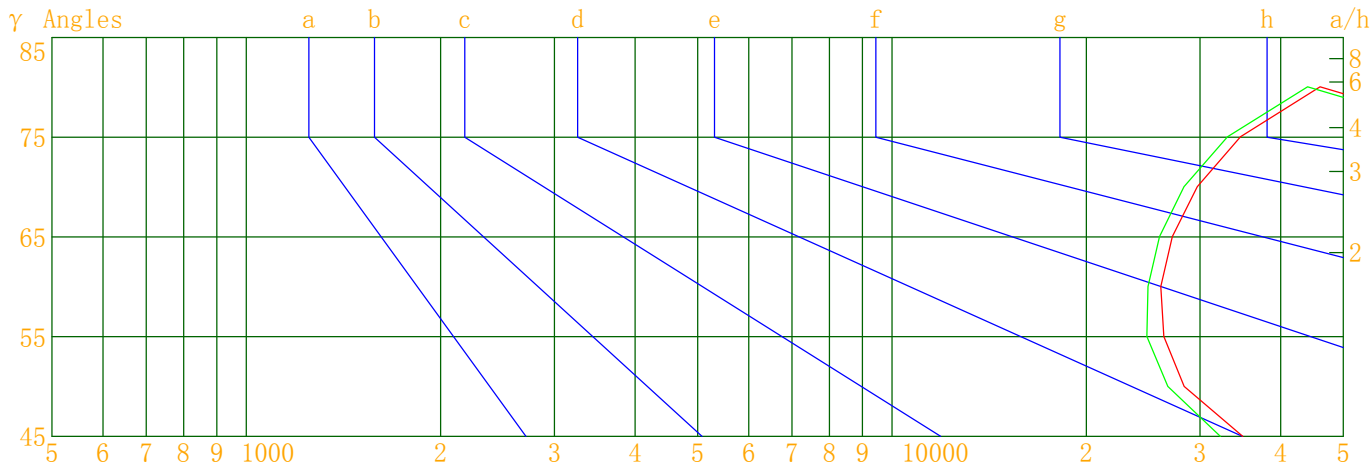
Glare Grade Table

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	34934	28345	26372	26085	27176	29703	34650	46023	82277
C90	32252	26743	24814	24920	25967	28339	33094	44035	78800

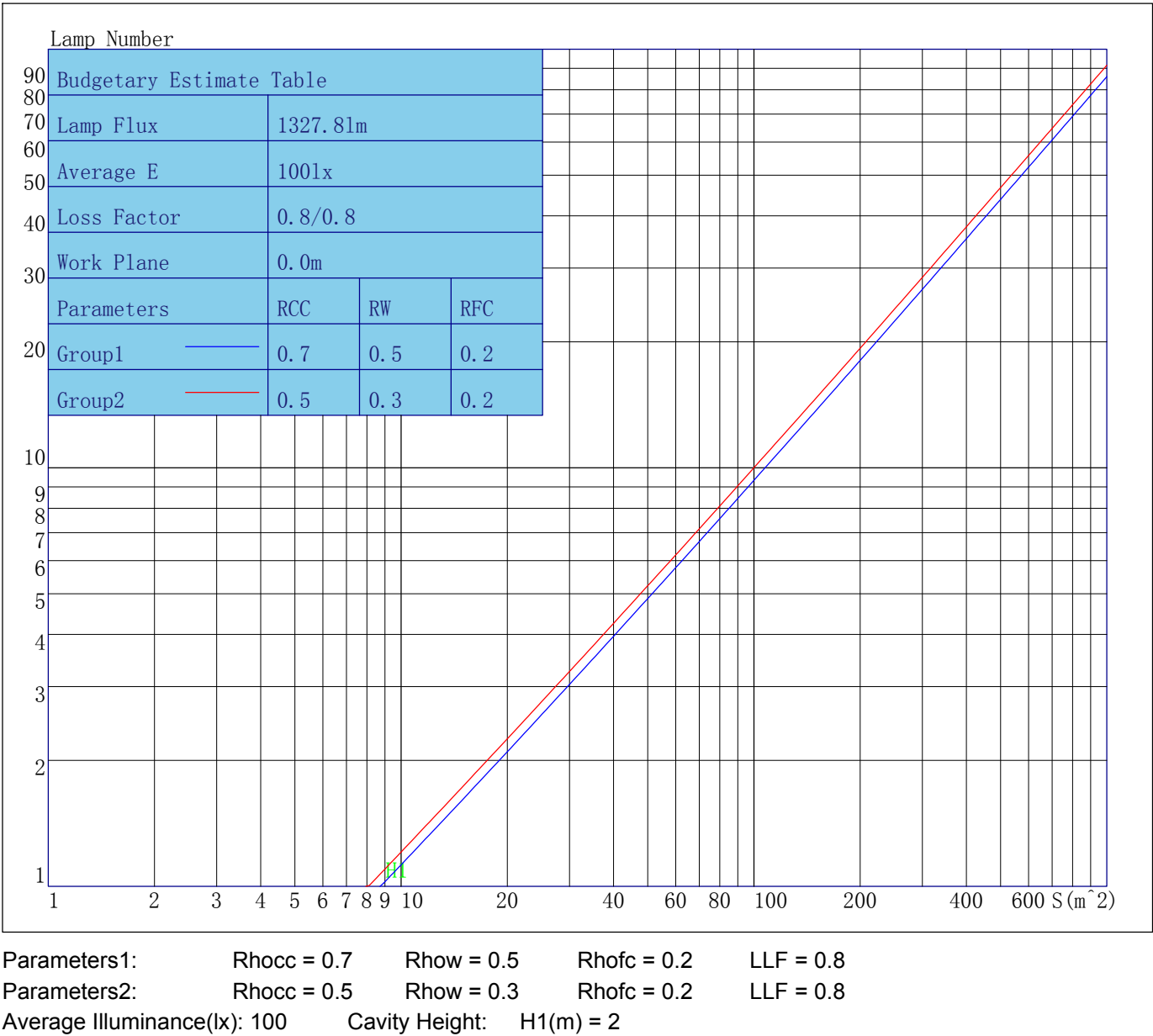
Luminance Limiting Curve



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:TR04-15-XX-01 3000K RA90 15D	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: 2020/07/09



Indoor Coefficient of Utilization Table

Lum. Name: TR04-15-XX-01 3000K RA90 15D	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: 2020/07/09

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	114	114	114	114	108	108	108	102	102	102	97	97	97	94
1	112	110	107	105	109	107	105	103	102	100	99	97	96	95	93	92	91	89
2	108	103	100	97	105	101	98	95	97	94	92	93	91	89	90	88	87	85
3	104	98	94	90	101	96	92	89	93	90	87	90	87	85	87	85	83	81
4	100	93	89	85	98	92	88	84	89	86	83	87	84	81	84	82	80	78
5	96	90	85	81	94	88	84	81	86	82	79	84	81	78	82	79	77	76
6	93	86	81	78	92	85	81	77	83	79	76	81	78	75	79	77	75	73
7	90	83	78	75	89	82	78	75	80	77	74	79	76	73	77	75	72	71
8	88	80	76	72	86	80	75	72	78	74	72	77	73	71	75	73	70	69
9	85	78	73	70	84	77	73	70	76	72	69	75	71	69	74	71	68	67
10	83	76	71	68	82	75	71	68	74	70	68	73	70	67	72	69	67	66

Unified Glare Rating Table

Lum. Name: TR04-15-XX-01 3000K RA90 15D	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: 2020/07/09

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	18.0	19.0	18.5	19.4	19.9	17.6	18.5	18.0	19.0	19.4
	19.7	20.5	20.2	21.0	21.5	19.3	20.1	19.8	20.6	21.1
	20.7	21.5	21.2	21.9	22.5	20.3	21.1	20.8	21.6	22.1
	21.9	22.6	22.4	23.1	23.6	21.5	22.3	22.1	22.8	23.3
	22.6	23.3	23.1	23.8	24.3	22.3	22.9	22.8	23.5	24.0
	23.4	24.1	24.0	24.6	25.2	23.1	23.8	23.7	24.3	24.8
X=4H Y=2H	18.5	19.3	19.0	19.8	20.3	18.1	18.9	18.6	19.4	19.9
	20.5	21.1	21.0	21.7	22.2	20.2	20.8	20.7	21.3	21.9
	21.7	22.3	22.2	22.8	23.4	21.4	22.0	21.9	22.5	23.1
	23.1	23.6	23.7	24.2	24.8	22.8	23.4	23.4	23.9	24.5
	23.9	24.4	24.5	25.0	25.6	23.7	24.1	24.2	24.7	25.3
	24.9	25.4	25.5	25.9	26.6	24.7	25.1	25.2	25.7	26.3
X=8H Y=4H	22.2	22.6	22.7	23.2	23.8	21.9	22.4	22.5	22.9	23.5
	23.9	24.3	24.5	24.9	25.5	23.6	24.0	24.2	24.6	25.3
	24.9	25.2	25.5	25.9	26.5	24.6	25.0	25.3	25.6	26.2
	26.1	26.4	26.7	27.0	27.7	25.9	26.2	26.5	26.8	27.5
X=12H Y=4H	22.3	22.7	22.9	23.3	23.9	22.0	22.4	22.6	23.0	23.6
	24.1	24.4	24.7	25.0	25.7	23.9	24.2	24.5	24.8	25.5
	25.2	25.5	25.9	26.1	26.8	25.0	25.3	25.6	25.9	26.6
Variations with the objerver position at spacings										
S=1.0H	0.0/-0.0					0.1/-0.1				
S=1.5H	0.1/-0.1					0.1/-0.1				
S=2.0H	0.1/-0.1					0.1/-0.1				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	4.9					5.0				

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	6922.60	6922.60	6922.60	6922.60
γ 1.0	6984.04	6959.95	6791.79	6720.67
γ 2.0	7011.52	6972.70	6485.41	6336.00
γ 3.0	7004.01	6946.69	6022.10	5848.13
γ 4.0	6983.00	6887.13	5497.09	5294.45
γ 5.0	6857.06	6756.27	4924.15	4730.23
γ 6.0	6565.16	6520.19	4351.35	4158.58
γ 7.0	6119.86	6188.10	3803.86	3603.12
γ 8.0	5584.03	5730.61	3288.41	3086.85
γ 9.0	5022.81	5172.37	2804.56	2637.37
γ 10.0	4493.35	4596.77	2363.21	2254.89
γ 11.0	3960.27	4022.61	1973.99	1923.54
γ 12.0	3430.03	3468.25	1650.46	1648.02
γ 13.0	2944.59	2962.08	1393.70	1413.88
γ 14.0	2504.86	2503.44	1180.40	1211.41
γ 15.0	2136.45	2097.90	999.59	1042.11
γ 16.0	1825.92	1753.67	848.84	895.57
γ 17.0	1568.14	1468.87	721.51	770.52
γ 18.0	1350.65	1243.40	612.69	664.56
γ 19.0	1164.91	1061.59	518.54	573.14
γ 20.0	1007.08	907.05	437.40	492.32
γ 21.0	872.23	770.50	367.64	421.17
γ 22.0	754.82	650.15	307.94	357.99
γ 23.0	654.83	543.05	257.10	302.27
γ 24.0	566.81	453.10	214.84	254.66
γ 25.0	489.13	380.23	180.04	214.67
γ 26.0	419.98	320.47	151.17	180.52
γ 27.0	359.49	270.60	128.40	152.87
γ 28.0	307.13	229.69	110.24	130.21
γ 29.0	262.02	196.35	95.64	111.90
γ 30.0	222.92	167.88	84.72	98.36
γ 31.0	189.66	146.27	75.76	86.79
γ 32.0	163.33	128.58	68.47	76.89
γ 33.0	142.09	114.11	63.11	69.86
γ 34.0	125.26	103.18	58.78	64.47
γ 35.0	110.94	93.68	54.99	59.61
γ 36.0	99.39	85.08	51.50	55.31
γ 37.0	90.12	78.26	48.39	51.96
γ 38.0	82.62	72.71	45.87	48.91
γ 39.0	75.58	67.47	43.60	46.36
γ 40.0	69.39	62.59	41.65	44.08
γ 41.0	63.89	58.15	39.96	42.02
γ 42.0	59.12	54.32	38.38	40.19
γ 43.0	55.24	50.84	36.78	38.32
γ 44.0	51.66	47.58	35.23	36.45
γ 45.0	48.50	44.78	33.70	34.60
γ 46.0	45.62	42.22	32.46	33.21

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	43.02	39.85	31.21	32.16
γ 48.0	40.58	37.68	30.47	31.37
γ 49.0	38.08	35.50	29.72	30.58
γ 50.0	35.77	33.75	29.09	29.94
γ 51.0	34.21	32.20	28.28	29.18
γ 52.0	32.77	31.06	27.64	28.54
γ 53.0	31.73	29.94	27.04	27.95
γ 54.0	30.61	28.94	26.48	27.36
γ 55.0	29.70	27.95	25.90	26.77
γ 56.0	28.67	27.13	25.27	26.21
γ 57.0	27.84	26.39	24.78	25.69
γ 58.0	27.08	25.80	24.32	25.18
γ 59.0	26.31	25.04	23.76	24.58
γ 60.0	25.61	24.47	23.19	23.80
γ 61.0	24.94	23.77	22.74	23.14
γ 62.0	24.38	23.15	22.03	22.53
γ 63.0	23.83	22.58	21.38	21.89
γ 64.0	23.23	22.07	20.85	21.37
γ 65.0	22.55	21.55	20.27	20.77
γ 66.0	21.95	21.02	19.81	20.22
γ 67.0	21.51	20.56	19.26	19.68
γ 68.0	20.97	20.02	18.78	19.13
γ 69.0	20.46	19.48	18.21	18.59
γ 70.0	19.95	19.03	17.77	18.19
γ 71.0	19.42	18.51	17.30	17.66
γ 72.0	18.91	18.09	16.86	17.29
γ 73.0	18.53	17.66	16.49	16.83
γ 74.0	18.06	17.27	16.11	16.42
γ 75.0	17.61	16.82	15.61	16.08
γ 76.0	17.20	16.46	15.35	15.75
γ 77.0	16.82	16.15	15.02	15.35
γ 78.0	16.41	15.76	14.65	14.98
γ 79.0	16.08	15.35	14.34	14.67
γ 80.0	15.69	15.01	14.03	14.43
γ 81.0	15.36	14.73	13.76	14.09
γ 82.0	15.02	14.37	13.47	13.81
γ 83.0	14.73	14.08	13.23	13.47
γ 84.0	14.44	13.83	12.92	13.27
γ 85.0	14.08	13.48	12.65	13.03
γ 86.0	13.88	13.26	12.45	12.71
γ 87.0	13.59	12.97	12.21	12.53
γ 88.0	13.33	12.75	12.03	12.31
γ 89.0	13.06	12.52	12.02	12.28
γ 90.0	12.82	12.32	11.83	12.04
γ 91.0	12.70	12.17	11.78	11.94
γ 92.0	12.51	11.95	11.60	11.85
γ 93.0	12.43	11.98	11.55	11.78

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	12.38	11.86	11.46	11.65
γ 95.0	12.27	11.80	11.43	11.53
γ 96.0	12.15	11.74	11.39	11.48
γ 97.0	12.11	11.59	11.21	11.43
γ 98.0	11.97	11.50	11.23	11.35
γ 99.0	11.95	11.47	11.08	11.30
γ 100.0	11.87	11.45	11.11	11.21
γ 101.0	11.86	11.42	11.05	11.22
γ 102.0	11.82	11.35	11.08	11.17
γ 103.0	11.77	11.30	11.01	11.11
γ 104.0	11.68	11.30	10.98	11.12
γ 105.0	11.65	11.23	11.02	11.07
γ 106.0	11.59	11.25	11.00	11.05
γ 107.0	11.53	11.25	10.95	11.07
γ 108.0	11.50	11.10	10.94	11.05
γ 109.0	11.41	11.10	10.93	10.97
γ 110.0	11.38	11.21	10.97	10.97
γ 111.0	11.42	11.13	11.01	11.05
γ 112.0	11.40	11.07	10.98	10.97
γ 113.0	11.31	10.99	11.01	10.99
γ 114.0	11.23	11.01	11.03	11.05
γ 115.0	11.22	10.89	11.06	10.99
γ 116.0	11.19	10.88	11.10	11.06
γ 117.0	11.06	10.82	11.10	11.11
γ 118.0	11.04	10.75	11.17	11.08
γ 119.0	10.98	10.79	11.20	11.05
γ 120.0	11.01	10.75	11.24	11.11
γ 121.0	10.88	10.71	11.33	11.16
γ 122.0	10.85	10.73	11.28	11.17
γ 123.0	10.83	10.69	11.36	11.23
γ 124.0	10.81	10.65	11.54	11.27
γ 125.0	10.89	10.68	11.61	11.42
γ 126.0	10.84	10.72	11.65	11.50
γ 127.0	10.90	10.77	11.78	11.59
γ 128.0	10.99	10.73	11.97	11.78
γ 129.0	11.02	10.88	12.08	11.83
γ 130.0	11.02	10.92	12.24	12.01
γ 131.0	11.18	11.02	12.46	12.20
γ 132.0	11.30	11.18	12.65	12.48
γ 133.0	11.38	11.27	12.94	12.67
γ 134.0	11.48	11.43	13.18	12.89
γ 135.0	11.61	11.60	13.50	13.23
γ 136.0	11.85	11.79	13.69	13.52
γ 137.0	12.00	12.03	13.98	13.87
γ 138.0	12.27	12.23	14.34	14.12
γ 139.0	12.50	12.53	14.75	14.40
γ 140.0	12.77	12.79	15.11	14.82

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	13.07	13.05	15.43	15.10
γ 142.0	13.31	13.37	15.74	15.41
γ 143.0	13.61	13.65	15.98	15.74
γ 144.0	14.03	13.92	16.42	15.97
γ 145.0	14.25	14.34	16.59	16.26
γ 146.0	14.60	14.54	16.92	16.56
γ 147.0	14.91	14.98	17.12	16.75
γ 148.0	15.29	15.17	17.42	16.96
γ 149.0	15.59	15.51	17.54	17.20
γ 150.0	15.72	15.81	17.81	17.36
γ 151.0	16.12	16.11	17.93	17.54
γ 152.0	16.42	16.36	18.08	17.60
γ 153.0	16.53	16.58	18.19	17.71
γ 154.0	16.90	16.83	18.33	17.77
γ 155.0	17.01	17.00	18.42	17.99
γ 156.0	17.20	17.17	18.51	17.92
γ 157.0	17.30	17.34	18.57	18.00
γ 158.0	17.51	17.42	18.60	18.13
γ 159.0	17.70	17.50	18.61	18.09
γ 160.0	17.76	17.61	18.64	18.15
γ 161.0	17.88	17.73	18.70	18.20
γ 162.0	18.00	17.72	18.67	18.15
γ 163.0	18.05	17.80	18.64	18.09
γ 164.0	18.11	17.82	18.69	18.14
γ 165.0	18.17	17.89	18.57	18.13
γ 166.0	18.24	17.91	18.60	18.02
γ 167.0	18.22	17.88	18.52	18.08
γ 168.0	18.26	17.99	18.43	17.93
γ 169.0	18.22	17.91	18.39	17.93
γ 170.0	18.22	17.97	18.31	17.80
γ 171.0	18.19	18.04	18.25	17.73
γ 172.0	18.23	17.95	18.16	17.64
γ 173.0	18.10	17.90	18.10	17.55
γ 174.0	18.13	17.86	18.01	17.53
γ 175.0	18.04	17.79	17.95	17.42
γ 176.0	17.91	17.84	17.84	17.46
γ 177.0	17.87	17.77	17.95	17.58
γ 178.0	17.84	17.74	17.98	17.63
γ 179.0	17.79	17.61	17.97	17.65
γ 180.0	17.79	17.79	17.79	17.79