

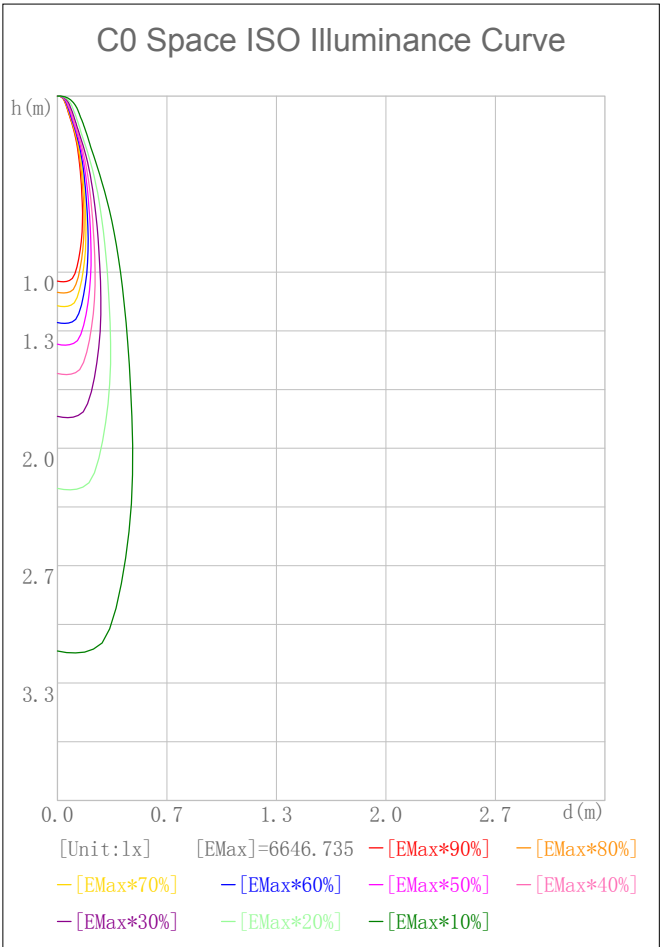
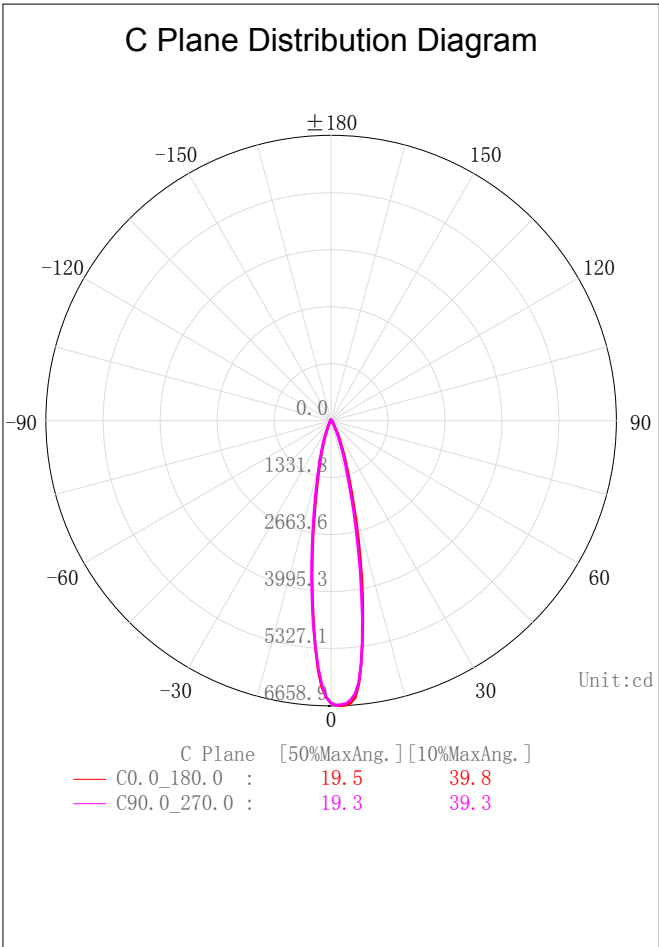
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR04-15-XX-01 2700K 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

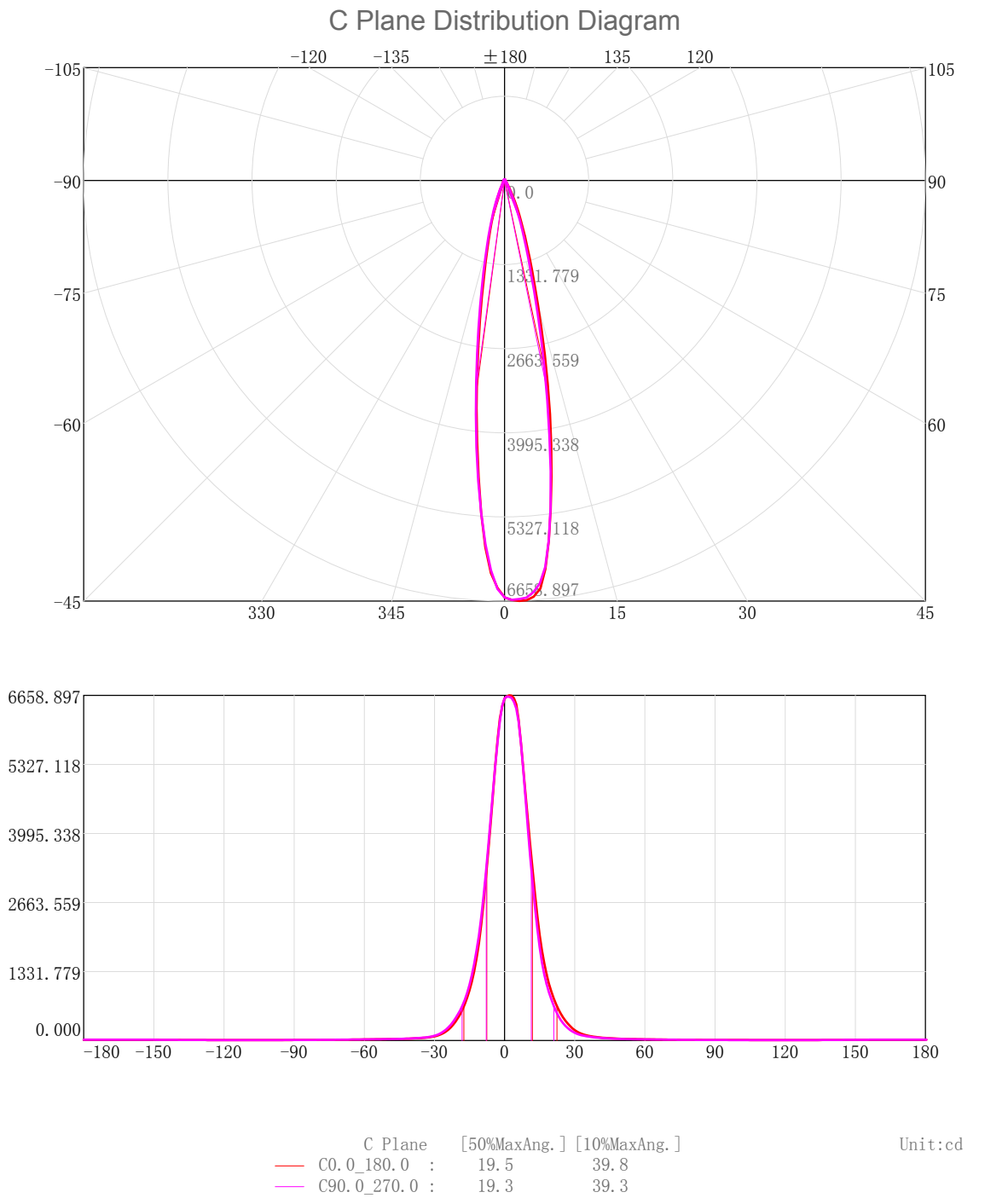
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1264.160	Luminary Flux(lm): 1264.163	Field Angle(10%Imax): 39.8(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1183.671lm 93.63%	
Rated Voltage(V):	Luminary EER(lm/W): 85.590	Up Lumens&Percent: 80.492lm 6.37%	
Tested Power(W): 14.770	Max. Candela(cd): 6658.897	S/MH: C0_a180=0.336 C90_270=0.331	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=2.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.1, 0.063, 0.967	Beam Angle(50%Imax): 19.5(°)	ErP ϕ use(90°): 1077.009lm	
Lamp Size (W*L*H):0.050m*0.000m*0.000m	Left=-7.6°, Right=11.9°	IRF(%): 1092.152	



2D Plane Light Intensity Distribution Curve

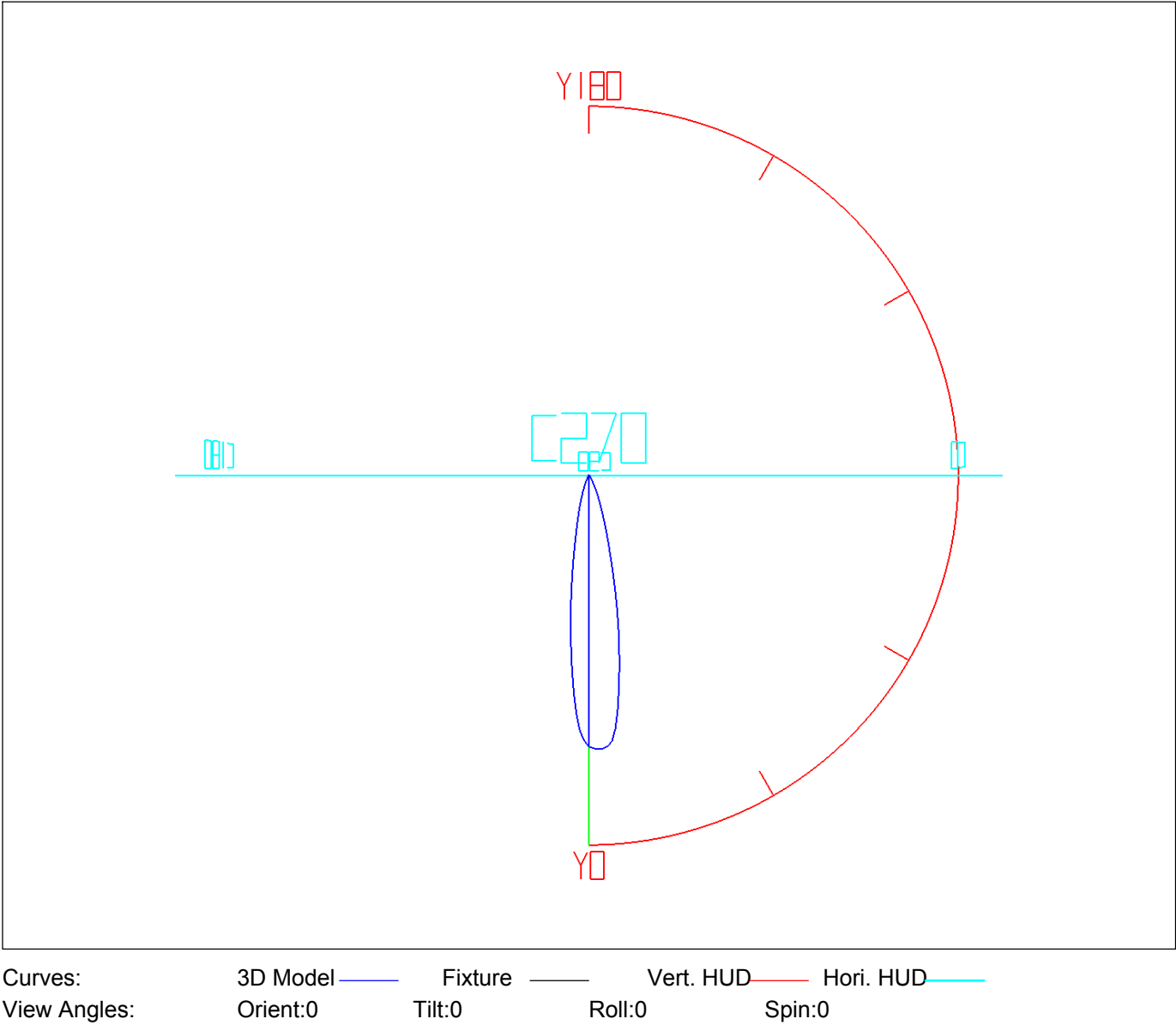
Lum. Name:TR04-15-XX-01 2700K RA90 15D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2020/07/09



3D Light Intensity Distribution Modal

Lum. Name: TR04-15-XX-01 2700K 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



IES Indoor Report

Photometric Filename:TR04-15-XX-01 2700K RA90 15D.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	6.29	6.29	0.50	0.50	47.0-48.0	2.76	1101.33	0.22	87.12
1.0-2.0	18.61	24.90	1.47	1.97	48.0-49.0	2.69	1104.02	0.21	87.33
2.0-3.0	30.20	55.11	2.39	4.36	49.0-50.0	2.63	1106.64	0.21	87.54
3.0-4.0	40.62	95.72	3.21	7.57	50.0-51.0	2.58	1109.22	0.20	87.74
4.0-5.0	49.54	145.26	3.92	11.49	51.0-52.0	2.53	1111.75	0.20	87.94
5.0-6.0	56.64	201.90	4.48	15.97	52.0-53.0	2.49	1114.25	0.20	88.14
6.0-7.0	61.43	263.33	4.86	20.83	53.0-54.0	2.46	1116.71	0.19	88.34
7.0-8.0	63.85	327.18	5.05	25.88	54.0-55.0	2.43	1119.13	0.19	88.53
8.0-9.0	64.20	391.37	5.08	30.96	55.0-56.0	2.39	1121.52	0.19	88.72
9.0-10.0	62.89	454.26	4.97	35.93	56.0-57.0	2.36	1123.89	0.19	88.90
10.0-11.0	60.36	514.62	4.77	40.71	57.0-58.0	2.33	1126.21	0.18	89.09
11.0-12.0	56.91	571.53	4.50	45.21	58.0-59.0	2.30	1128.51	0.18	89.27
12.0-13.0	52.88	624.41	4.18	49.39	59.0-60.0	2.27	1130.78	0.18	89.45
13.0-14.0	48.55	672.96	3.84	53.23	60.0-61.0	2.24	1133.02	0.18	89.63
14.0-15.0	44.12	717.07	3.49	56.72	61.0-62.0	2.20	1135.23	0.17	89.80
15.0-16.0	39.88	756.95	3.15	59.88	62.0-63.0	2.17	1137.40	0.17	89.97
16.0-17.0	36.06	793.01	2.85	62.73	63.0-64.0	2.14	1139.54	0.17	90.14
17.0-18.0	32.62	825.63	2.58	65.31	64.0-65.0	2.10	1141.64	0.17	90.31
18.0-19.0	29.47	855.11	2.33	67.64	65.0-66.0	2.06	1143.70	0.16	90.47
19.0-20.0	26.53	881.64	2.10	69.74	66.0-67.0	2.03	1145.73	0.16	90.63
20.0-21.0	23.79	905.43	1.88	71.62	67.0-68.0	1.99	1147.72	0.16	90.79
21.0-22.0	21.22	926.65	1.68	73.30	68.0-69.0	1.96	1149.68	0.15	90.94
22.0-23.0	18.81	945.46	1.49	74.79	69.0-70.0	1.92	1151.60	0.15	91.10
23.0-24.0	16.62	962.08	1.31	76.10	70.0-71.0	1.89	1153.48	0.15	91.24
24.0-25.0	14.66	976.73	1.16	77.26	71.0-72.0	1.85	1155.33	0.15	91.39
25.0-26.0	12.90	989.63	1.02	78.28	72.0-73.0	1.82	1157.15	0.14	91.54
26.0-27.0	11.31	1000.94	0.89	79.18	73.0-74.0	1.79	1158.94	0.14	91.68
27.0-28.0	9.93	1010.87	0.79	79.96	74.0-75.0	1.75	1160.69	0.14	91.82
28.0-29.0	8.74	1019.61	0.69	80.65	75.0-76.0	1.72	1162.41	0.14	91.95
29.0-30.0	7.72	1027.33	0.61	81.27	76.0-77.0	1.69	1164.11	0.13	92.09
30.0-31.0	6.88	1034.21	0.54	81.81	77.0-78.0	1.66	1165.77	0.13	92.22
31.0-32.0	6.19	1040.39	0.49	82.30	78.0-79.0	1.64	1167.40	0.13	92.35
32.0-33.0	5.62	1046.02	0.44	82.74	79.0-80.0	1.61	1169.01	0.13	92.47
33.0-34.0	5.19	1051.20	0.41	83.15	80.0-81.0	1.58	1170.59	0.12	92.60
34.0-35.0	4.82	1056.03	0.38	83.54	81.0-82.0	1.55	1172.14	0.12	92.72
35.0-36.0	4.52	1060.54	0.36	83.89	82.0-83.0	1.52	1173.67	0.12	92.84
36.0-37.0	4.26	1064.80	0.34	84.23	83.0-84.0	1.50	1175.17	0.12	92.96
37.0-38.0	4.05	1068.85	0.32	84.55	84.0-85.0	1.47	1176.64	0.12	93.08
38.0-39.0	3.86	1072.71	0.31	84.86	85.0-86.0	1.45	1178.09	0.11	93.19
39.0-40.0	3.68	1076.40	0.29	85.15	86.0-87.0	1.43	1179.52	0.11	93.30
40.0-41.0	3.53	1079.92	0.28	85.43	87.0-88.0	1.40	1180.92	0.11	93.42
41.0-42.0	3.39	1083.32	0.27	85.69	88.0-89.0	1.38	1182.30	0.11	93.52
42.0-43.0	3.27	1086.59	0.26	85.95	89.0-90.0	1.37	1183.67	0.11	93.63
43.0-44.0	3.15	1089.74	0.25	86.20	90.0-91.0	1.35	1185.02	0.11	93.74
44.0-45.0	3.04	1092.78	0.24	86.44	91.0-92.0	1.34	1186.36	0.11	93.85
45.0-46.0	2.94	1095.72	0.23	86.68	92.0-93.0	1.33	1187.68	0.10	93.95
46.0-47.0	2.85	1098.56	0.23	86.90	93.0-94.0	1.31	1188.99	0.10	94.05

IES Indoor Report

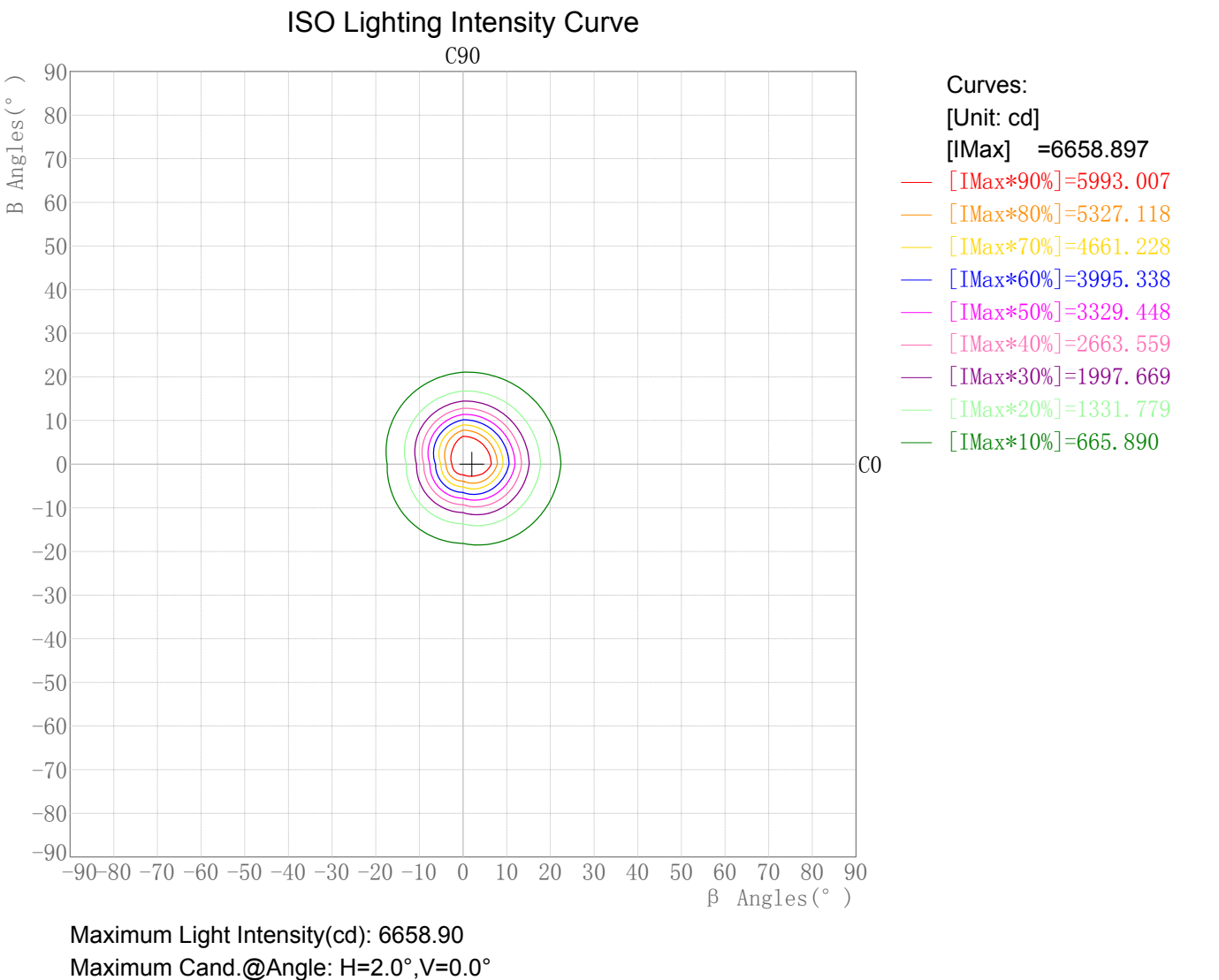
Photometric Filename:TR04-15-XX-01 2700K RA90 15D.IES

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	1.30	1190.30	0.10	94.16	141.0-142.0	0.98	1241.71	0.08	98.22
95.0-96.0	1.29	1191.59	0.10	94.26	142.0-143.0	0.98	1242.69	0.08	98.30
96.0-97.0	1.28	1192.87	0.10	94.36	143.0-144.0	0.97	1243.66	0.08	98.38
97.0-98.0	1.27	1194.14	0.10	94.46	144.0-145.0	0.97	1244.62	0.08	98.45
98.0-99.0	1.26	1195.41	0.10	94.56	145.0-146.0	0.96	1245.59	0.08	98.53
99.0-100.0	1.25	1196.66	0.10	94.66	146.0-147.0	0.96	1246.54	0.08	98.61
100.0-101.0	1.25	1197.90	0.10	94.76	147.0-148.0	0.95	1247.49	0.07	98.68
101.0-102.0	1.24	1199.14	0.10	94.86	148.0-149.0	0.93	1248.42	0.07	98.76
102.0-103.0	1.23	1200.37	0.10	94.95	149.0-150.0	0.92	1249.34	0.07	98.83
103.0-104.0	1.22	1201.58	0.10	95.05	150.0-151.0	0.90	1250.25	0.07	98.90
104.0-105.0	1.21	1202.79	0.10	95.15	151.0-152.0	0.89	1251.13	0.07	98.97
105.0-106.0	1.20	1204.00	0.10	95.24	152.0-153.0	0.87	1252.00	0.07	99.04
106.0-107.0	1.20	1205.19	0.09	95.34	153.0-154.0	0.84	1252.84	0.07	99.10
107.0-108.0	1.19	1206.38	0.09	95.43	154.0-155.0	0.82	1253.67	0.07	99.17
108.0-109.0	1.18	1207.56	0.09	95.52	155.0-156.0	0.80	1254.46	0.06	99.23
109.0-110.0	1.17	1208.73	0.09	95.61	156.0-157.0	0.77	1255.23	0.06	99.29
110.0-111.0	1.16	1209.88	0.09	95.71	157.0-158.0	0.74	1255.98	0.06	99.35
111.0-112.0	1.15	1211.03	0.09	95.80	158.0-159.0	0.72	1256.69	0.06	99.41
112.0-113.0	1.14	1212.17	0.09	95.89	159.0-160.0	0.69	1257.38	0.05	99.46
113.0-114.0	1.13	1213.30	0.09	95.98	160.0-161.0	0.66	1258.03	0.05	99.52
114.0-115.0	1.12	1214.42	0.09	96.07	161.0-162.0	0.62	1258.66	0.05	99.56
115.0-116.0	1.11	1215.53	0.09	96.15	162.0-163.0	0.59	1259.25	0.05	99.61
116.0-117.0	1.10	1216.63	0.09	96.24	163.0-164.0	0.56	1259.81	0.04	99.66
117.0-118.0	1.09	1217.71	0.09	96.33	164.0-165.0	0.53	1260.34	0.04	99.70
118.0-119.0	1.08	1218.79	0.09	96.41	165.0-166.0	0.49	1260.83	0.04	99.74
119.0-120.0	1.07	1219.85	0.08	96.50	166.0-167.0	0.46	1261.29	0.04	99.77
120.0-121.0	1.05	1220.91	0.08	96.58	167.0-168.0	0.43	1261.72	0.03	99.81
121.0-122.0	1.04	1221.95	0.08	96.66	168.0-169.0	0.39	1262.11	0.03	99.84
122.0-123.0	1.03	1222.98	0.08	96.74	169.0-170.0	0.36	1262.47	0.03	99.87
123.0-124.0	1.02	1224.01	0.08	96.82	170.0-171.0	0.32	1262.80	0.03	99.89
124.0-125.0	1.01	1225.02	0.08	96.90	171.0-172.0	0.29	1263.08	0.02	99.91
125.0-126.0	1.01	1226.03	0.08	96.98	172.0-173.0	0.25	1263.34	0.02	99.93
126.0-127.0	1.00	1227.03	0.08	97.06	173.0-174.0	0.22	1263.56	0.02	99.95
127.0-128.0	0.99	1228.03	0.08	97.14	174.0-175.0	0.19	1263.74	0.01	99.97
128.0-129.0	0.99	1229.01	0.08	97.22	175.0-176.0	0.15	1263.89	0.01	99.98
129.0-130.0	0.98	1230.00	0.08	97.30	176.0-177.0	0.12	1264.01	0.01	99.99
130.0-131.0	0.98	1230.98	0.08	97.38	177.0-178.0	0.08	1264.10	0.01	99.99
131.0-132.0	0.98	1231.96	0.08	97.45	178.0-179.0	0.05	1264.15	0.00	100.00
132.0-133.0	0.97	1232.93	0.08	97.53	179.0-180.0	0.02	1264.16	0.00	100.00
133.0-134.0	0.97	1233.90	0.08	97.61					
134.0-135.0	0.97	1234.88	0.08	97.68					
135.0-136.0	0.97	1235.85	0.08	97.76					
136.0-137.0	0.97	1236.83	0.08	97.84					
137.0-138.0	0.97	1237.80	0.08	97.91					
138.0-139.0	0.98	1238.78	0.08	97.99					
139.0-140.0	0.98	1239.76	0.08	98.07					
140.0-141.0	0.98	1240.73	0.08	98.15					

Rectangle ISO Lighting Intensity Diagram

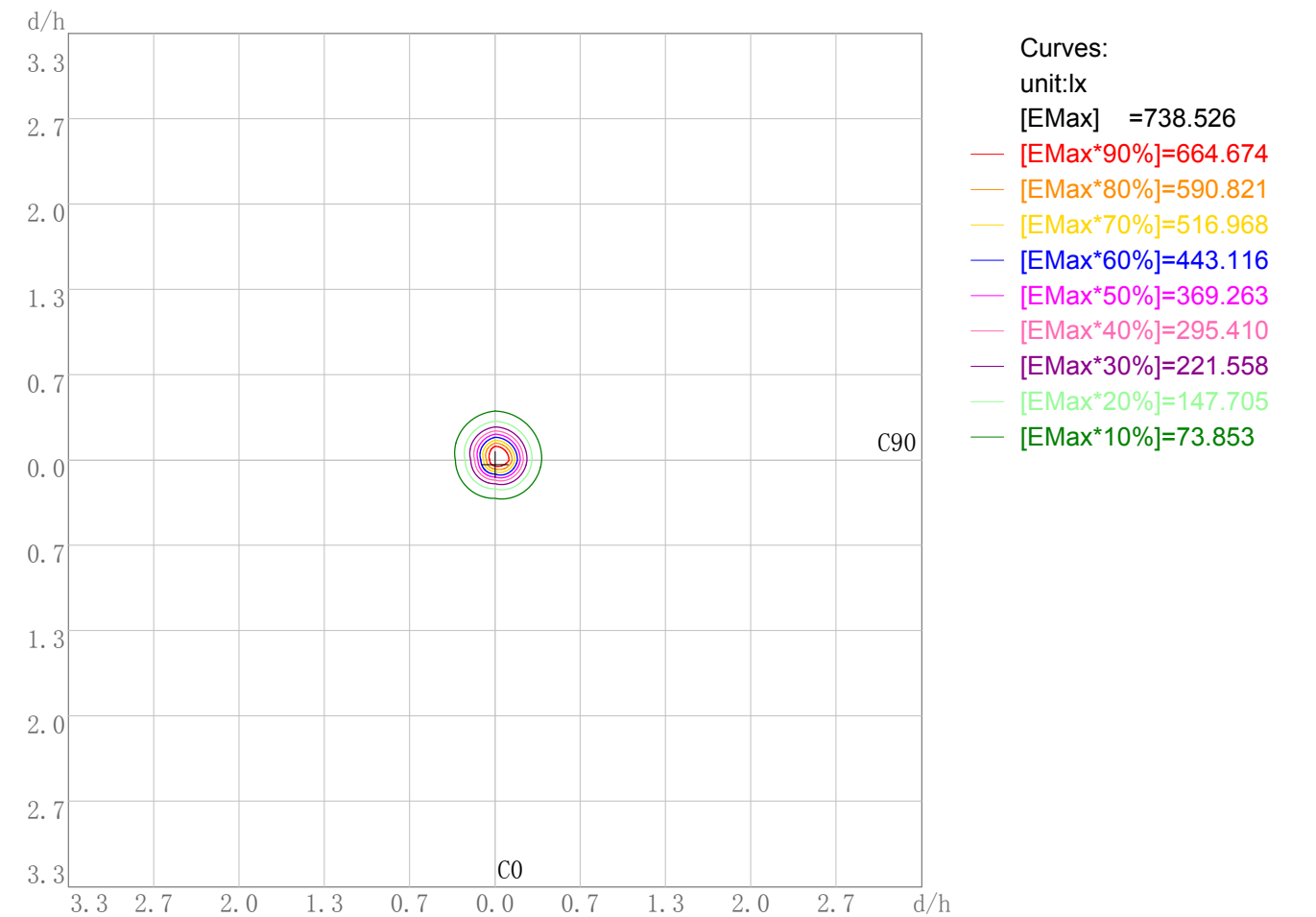
Lum. Name:TR04-15-XX-01 2700K RA90 15D	Lum. Catalog:	Test ID:01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/07/09



Plane ISO-Illuminance Diagram

Lum. Name:TR04-15-XX-01 2700K 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): 738.53

Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

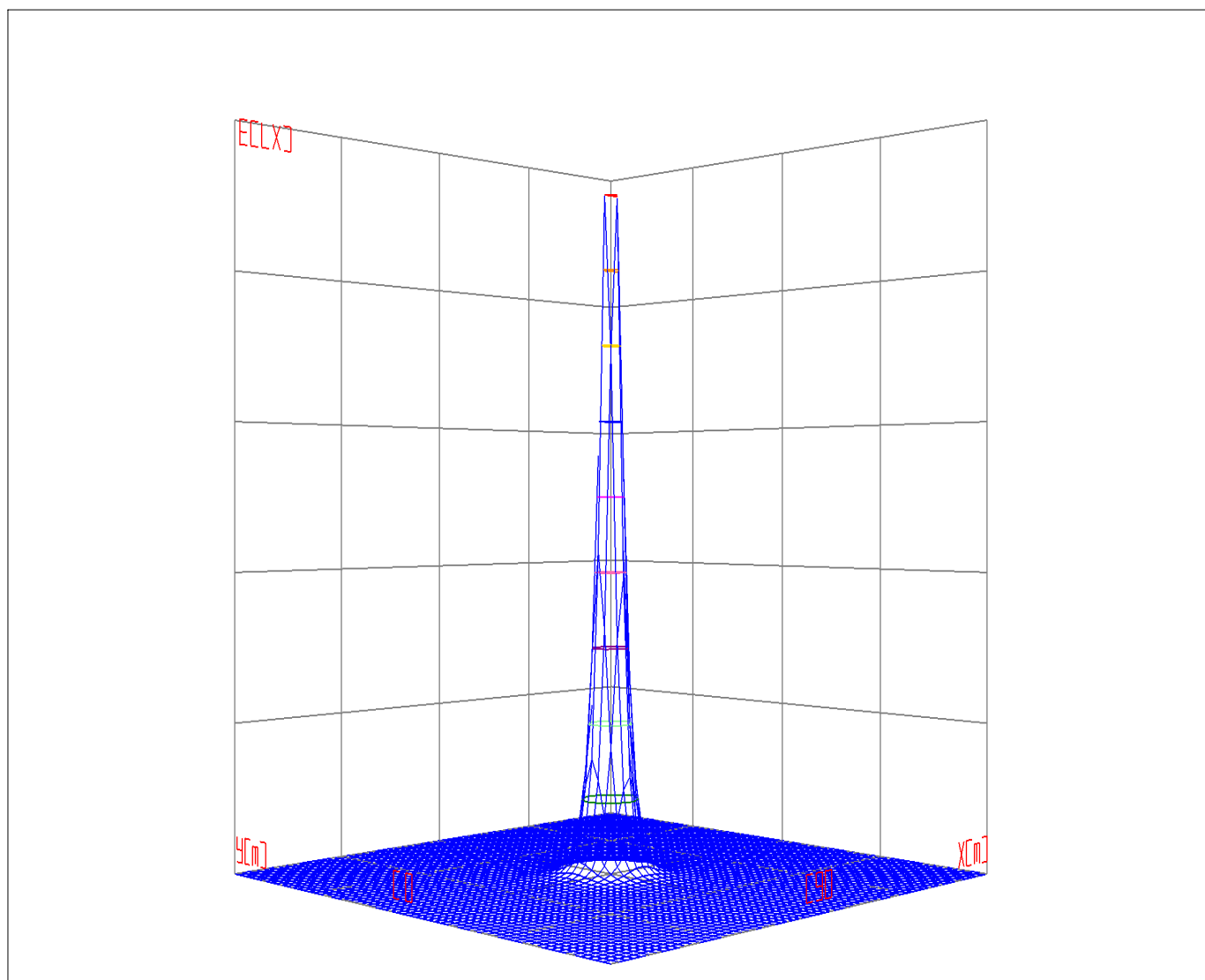
IES Indoor Report

Photometric Filename:TR04-15-XX-01 2700K RA90 15D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: TR04-15-XX-01 2700K 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

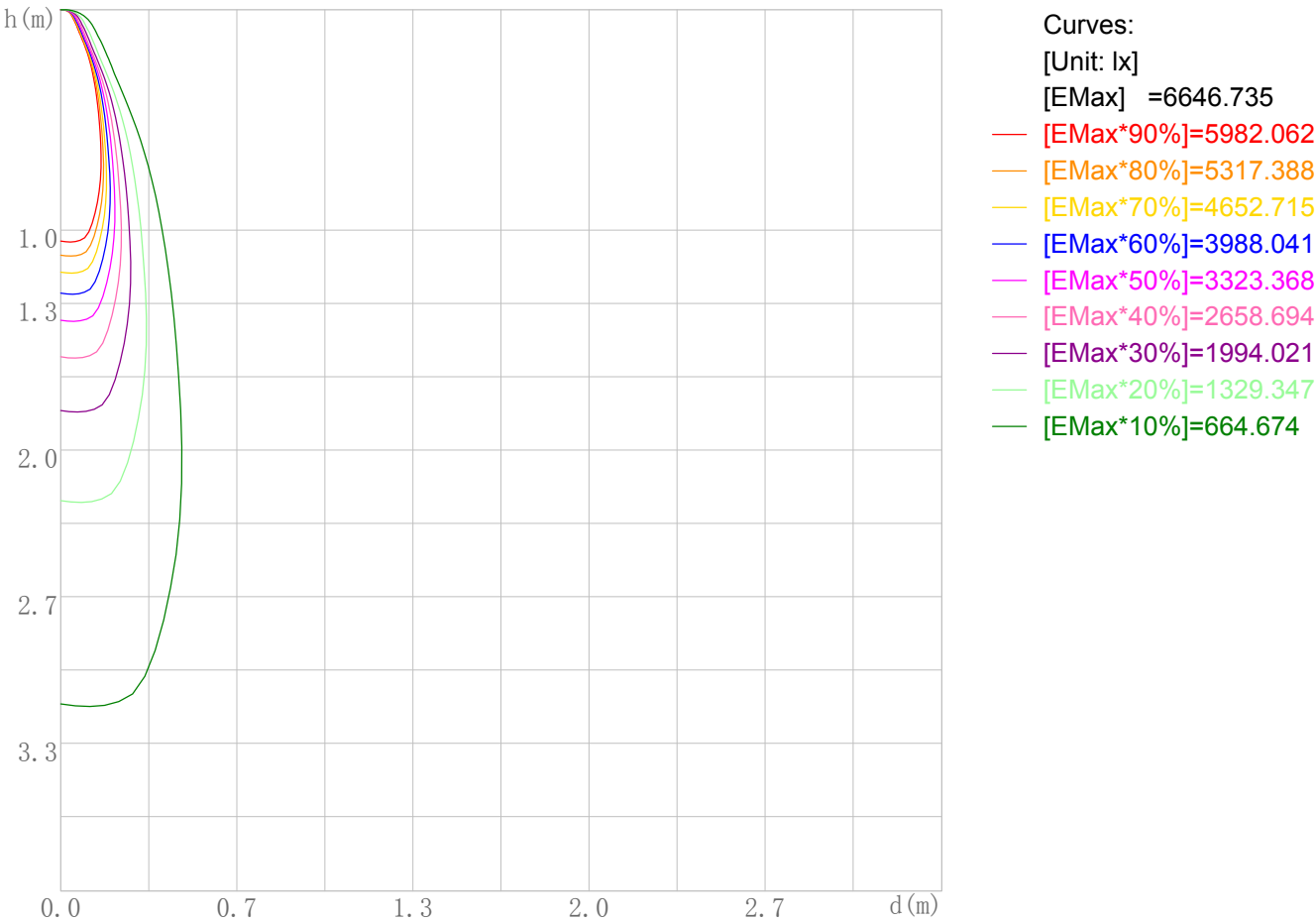


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: TR04-15-XX-01 2700K 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

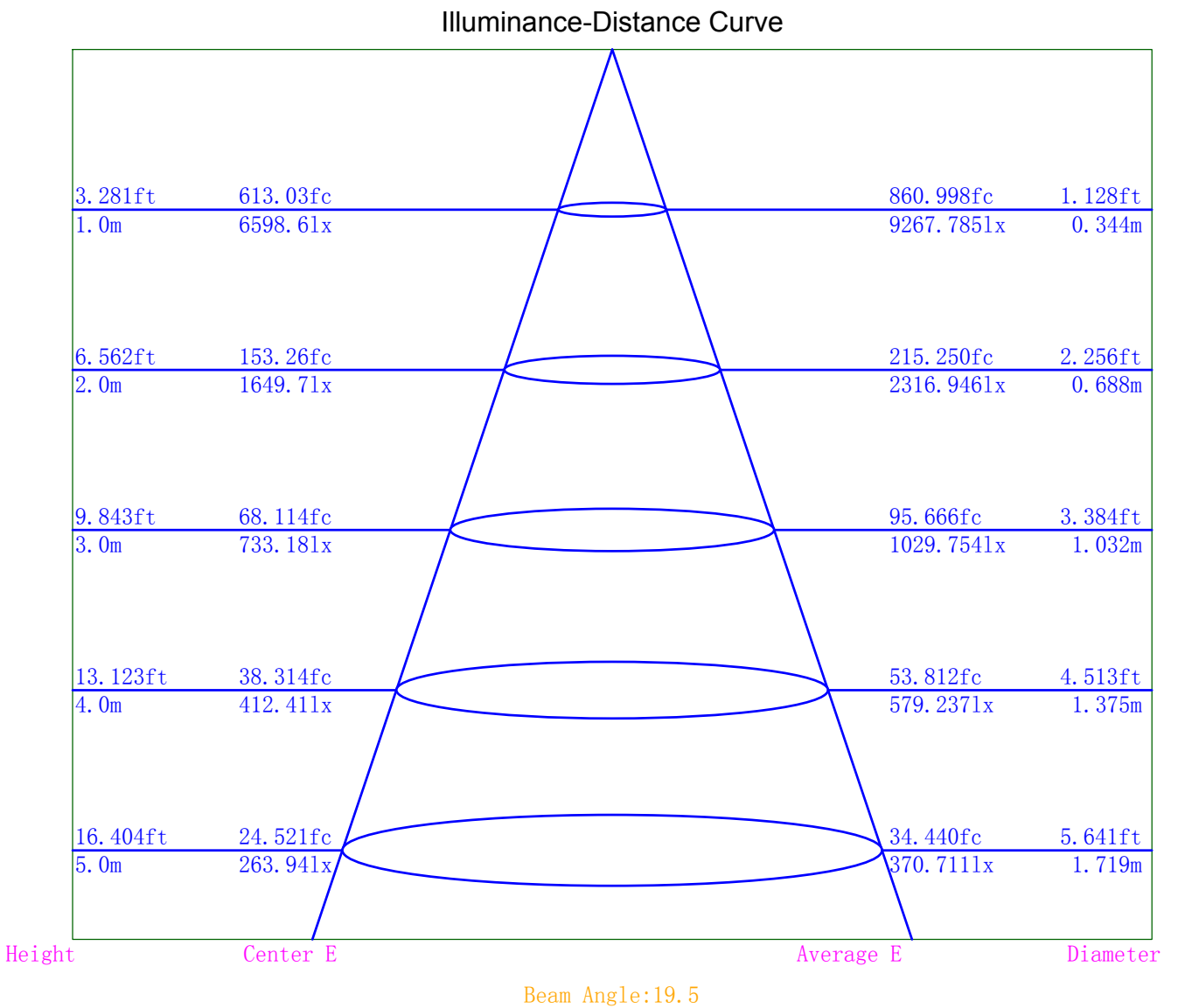
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:6646.74lx,2.0deg
Plane Maximum Lighting Intensity and @Angle:6658.897cd,0deg

Illuminance-Distance Diagram

Lum. Name:TR04-15-XX-01 2700K 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 2700K 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

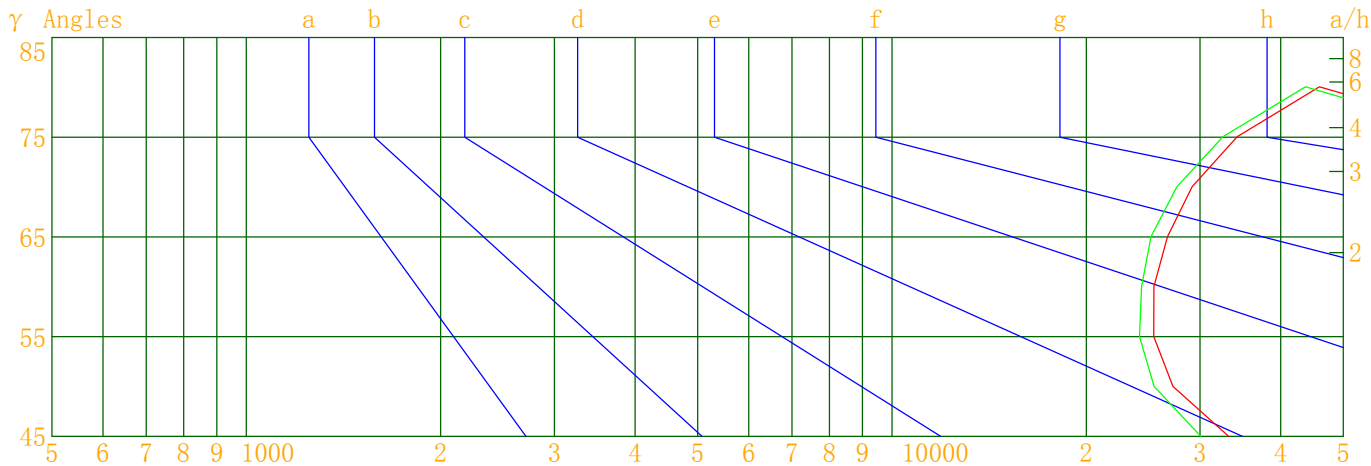
Glare Grade Table

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	33217	27238	25429	25455	26721	29162	34245	45924	83153
C90	30089	25464	24177	24357	25191	27633	32553	43689	78829

Luminance Limiting Curve



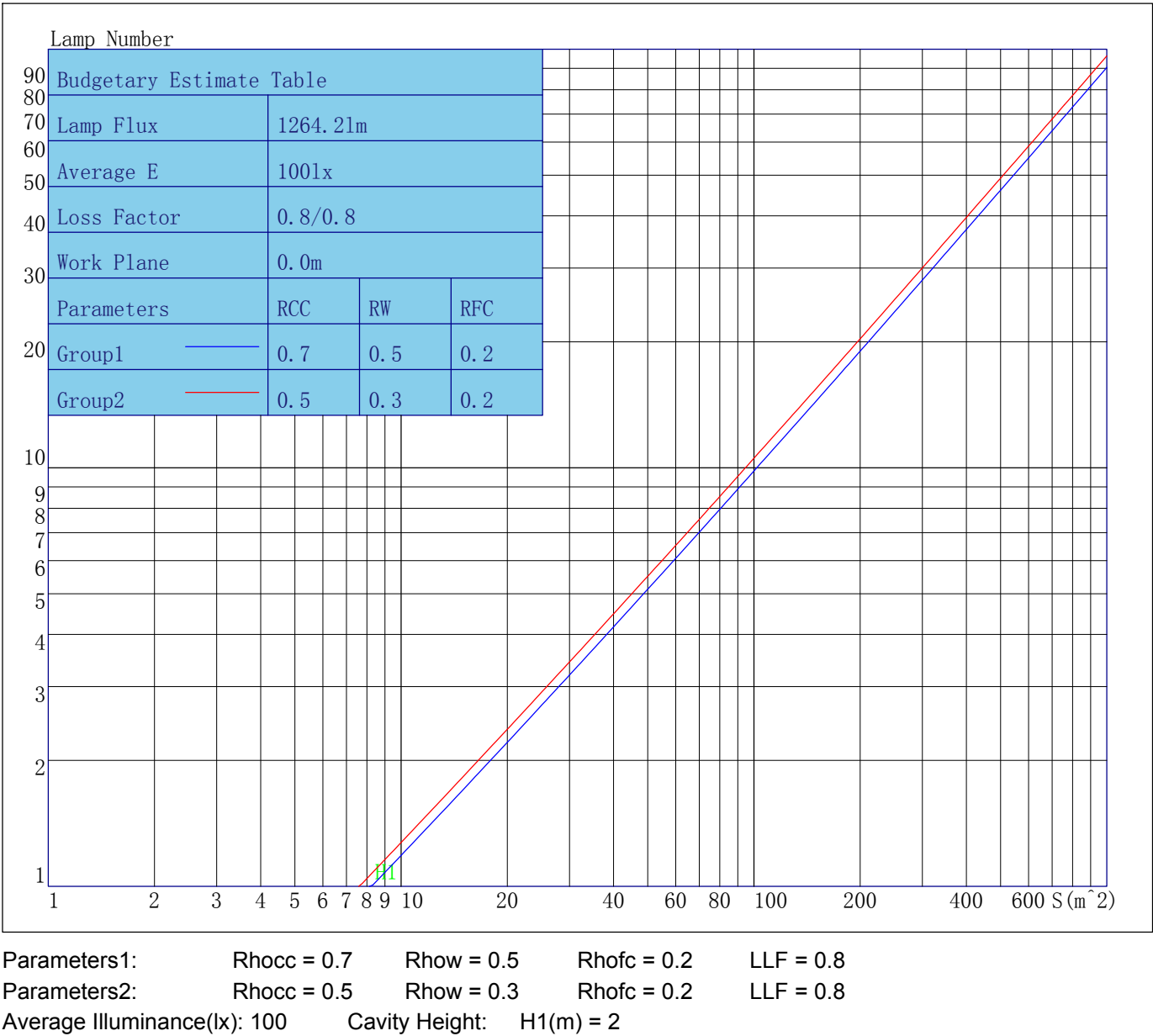
Luminous Size: Length(m)=0.000 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963

Luminous Type: Without Luminous Side

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

Indoor Budgetary Estimate Table

Lum. Name: TR04-15-XX-01 2700K 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 2700K 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	96	96	96	94
1	112	110	107	105	109	107	105	103	102	100	98	97	96	94	92	91	91	88
2	108	103	99	96	105	101	98	95	97	94	92	93	91	89	89	88	86	84
3	103	98	93	90	101	96	92	89	93	89	87	89	87	85	86	84	83	81
4	100	93	89	85	97	92	88	84	89	85	83	86	83	81	84	81	79	78
5	96	89	85	81	94	88	84	80	86	82	79	83	80	78	81	79	77	75
6	93	86	81	78	91	85	80	77	83	79	76	81	78	75	79	76	74	73
7	90	83	78	75	89	82	78	74	80	76	74	79	75	73	77	74	72	71
8	88	80	75	72	86	79	75	72	78	74	71	76	73	71	75	72	70	69
9	85	78	73	70	84	77	73	70	76	72	69	74	71	69	73	70	68	67
10	83	75	71	68	82	75	71	68	74	70	67	73	69	67	72	69	67	65

Unified Glare Rating Table

Lum. Name:TR04-15-XX-01 2700K 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	17.8	18.8	18.3	19.3	19.7	17.4	18.4	17.9	18.8	19.3
	19.6	20.4	20.1	20.9	21.4	19.2	20.0	19.7	20.5	21.0
	20.6	21.4	21.1	21.9	22.5	20.2	21.1	20.8	21.5	22.1
	21.9	22.6	22.4	23.1	23.7	21.5	22.3	22.0	22.8	23.3
	22.6	23.3	23.1	23.8	24.4	22.2	23.0	22.8	23.5	24.0
	23.5	24.2	24.0	24.7	25.2	23.1	23.8	23.7	24.3	24.9
X=4H Y=2H	18.4	19.2	18.9	19.7	20.2	18.0	18.8	18.5	19.3	19.8
	20.4	21.1	20.9	21.6	22.2	20.1	20.7	20.6	21.3	21.8
	21.7	22.3	22.2	22.8	23.4	21.3	21.9	21.9	22.5	23.1
	23.1	23.7	23.7	24.2	24.9	22.8	23.4	23.4	23.9	24.5
	24.0	24.5	24.6	25.1	25.7	23.7	24.2	24.3	24.7	25.4
	25.0	25.4	25.6	26.0	26.7	24.7	25.1	25.3	25.7	26.3
X=8H Y=4H	22.2	22.7	22.7	23.2	23.8	21.9	22.4	22.4	22.9	23.5
	23.9	24.3	24.5	24.9	25.6	23.6	24.0	24.2	24.6	25.3
	25.0	25.3	25.6	25.9	26.6	24.7	25.0	25.3	25.7	26.3
	26.2	26.5	26.8	27.1	27.9	25.9	26.2	26.6	26.9	27.6
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	24.5	24.8	25.1	25.8	23.9	24.2	24.5	24.8	25.5
	25.3	25.6	25.9	26.2	26.9	25.0	25.4	25.7	26.0	26.7
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	5.0					5.1				

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

IES Indoor Report

Photometric Filename:TR04-15-XX-01 2700K RA90 15D.IES

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	6598.60	6598.60	6598.60	6598.60
γ 1.0	6639.66	6638.62	6447.98	6464.46
γ 2.0	6658.90	6629.45	6218.37	6169.45
γ 3.0	6652.43	6612.64	5811.61	5762.95
γ 4.0	6603.32	6532.33	5280.14	5280.44
γ 5.0	6485.17	6403.02	4709.05	4770.72
γ 6.0	6185.92	6149.80	4156.20	4249.14
γ 7.0	5748.71	5735.04	3632.56	3728.08
γ 8.0	5251.13	5226.63	3129.20	3234.54
γ 9.0	4745.14	4660.03	2656.95	2780.94
γ 10.0	4255.60	4085.75	2235.77	2378.13
γ 11.0	3766.24	3543.85	1873.87	2023.36
γ 12.0	3285.57	3029.22	1573.47	1728.27
γ 13.0	2827.90	2571.12	1330.61	1475.73
γ 14.0	2409.03	2161.60	1134.41	1261.23
γ 15.0	2041.06	1801.63	968.47	1076.84
γ 16.0	1740.31	1508.13	828.74	921.84
γ 17.0	1491.12	1275.06	705.64	790.29
γ 18.0	1279.22	1091.45	600.60	680.84
γ 19.0	1097.91	931.83	509.17	585.58
γ 20.0	945.18	794.50	431.45	502.86
γ 21.0	816.49	673.41	363.44	429.03
γ 22.0	704.80	567.00	305.08	363.85
γ 23.0	608.63	475.87	254.52	305.84
γ 24.0	524.49	401.26	212.99	256.91
γ 25.0	450.38	338.94	178.04	215.81
γ 26.0	385.67	286.44	149.06	180.95
γ 27.0	329.20	242.21	125.43	150.73
γ 28.0	280.77	206.13	106.96	126.85
γ 29.0	238.02	176.15	92.54	108.06
γ 30.0	202.96	151.41	81.07	93.78
γ 31.0	173.56	131.22	72.55	82.42
γ 32.0	150.08	115.57	65.10	73.09
γ 33.0	130.29	103.23	59.49	66.67
γ 34.0	114.52	93.99	55.58	61.57
γ 35.0	101.66	85.13	52.03	56.97
γ 36.0	92.00	77.76	48.63	53.03
γ 37.0	84.00	71.81	45.75	49.71
γ 38.0	77.07	66.53	43.44	46.85
γ 39.0	70.77	61.70	41.40	44.47
γ 40.0	65.12	57.27	39.63	42.25
γ 41.0	60.26	53.62	38.03	40.29
γ 42.0	56.01	50.11	36.62	38.62
γ 43.0	52.41	47.08	35.26	36.93
γ 44.0	49.19	44.30	33.86	35.17
γ 45.0	46.12	41.78	32.51	33.43
γ 46.0	43.54	39.58	31.31	32.15

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	40.96	37.41	30.18	31.08
γ 48.0	38.48	35.42	29.44	30.32
γ 49.0	36.22	33.61	28.86	29.67
γ 50.0	34.38	32.14	28.23	29.01
γ 51.0	32.96	30.87	27.56	28.35
γ 52.0	31.67	29.90	26.94	27.80
γ 53.0	30.71	28.85	26.34	27.21
γ 54.0	29.62	28.06	25.86	26.65
γ 55.0	28.64	27.23	25.28	26.09
γ 56.0	27.83	26.46	24.69	25.59
γ 57.0	27.01	25.75	24.16	25.01
γ 58.0	26.26	25.14	23.61	24.50
γ 59.0	25.66	24.51	23.11	24.00
γ 60.0	24.99	23.91	22.63	23.40
γ 61.0	24.38	23.34	22.00	22.84
γ 62.0	23.80	22.81	21.47	22.33
γ 63.0	23.31	22.25	20.93	21.74
γ 64.0	22.69	21.74	20.47	21.27
γ 65.0	22.17	20.90	19.91	20.66
γ 66.0	21.65	20.48	19.44	20.08
γ 67.0	21.13	19.96	18.97	19.60
γ 68.0	20.57	19.52	18.43	19.12
γ 69.0	20.08	18.99	17.99	18.67
γ 70.0	19.58	18.56	17.53	18.18
γ 71.0	19.16	18.11	17.05	17.77
γ 72.0	18.67	17.73	16.67	17.26
γ 73.0	18.20	17.30	16.28	16.94
γ 74.0	17.88	16.94	15.89	16.46
γ 75.0	17.40	16.54	15.58	16.11
γ 76.0	17.10	16.18	15.15	15.77
γ 77.0	16.68	15.78	14.89	15.40
γ 78.0	16.29	15.54	14.53	15.11
γ 79.0	15.95	15.22	14.29	14.82
γ 80.0	15.66	14.90	14.00	14.51
γ 81.0	15.32	14.60	13.70	14.19
γ 82.0	14.96	14.27	13.40	13.96
γ 83.0	14.68	14.03	13.08	13.72
γ 84.0	14.53	13.77	12.90	13.40
γ 85.0	14.23	13.49	12.59	13.15
γ 86.0	13.88	13.28	12.46	12.94
γ 87.0	13.66	13.08	12.22	12.71
γ 88.0	13.32	12.79	12.09	12.52
γ 89.0	13.15	12.61	12.02	12.47
γ 90.0	12.97	12.37	11.93	12.31
γ 91.0	12.70	12.17	11.80	12.21
γ 92.0	12.69	12.16	11.64	12.13
γ 93.0	12.54	12.08	11.60	11.94

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	12.45	11.95	11.48	11.89
γ 95.0	12.35	11.98	11.43	11.81
γ 96.0	12.38	11.84	11.41	11.63
γ 97.0	12.22	11.82	11.24	11.63
γ 98.0	12.13	11.68	11.29	11.52
γ 99.0	12.10	11.65	11.14	11.50
γ 100.0	12.04	11.58	11.24	11.47
γ 101.0	11.98	11.65	11.14	11.40
γ 102.0	11.93	11.49	11.09	11.39
γ 103.0	11.85	11.46	11.07	11.27
γ 104.0	11.85	11.53	11.08	11.25
γ 105.0	11.80	11.40	11.06	11.20
γ 106.0	11.74	11.43	11.12	11.27
γ 107.0	11.67	11.39	11.01	11.33
γ 108.0	11.64	11.44	11.03	11.25
γ 109.0	11.62	11.34	11.04	11.23
γ 110.0	11.56	11.35	11.06	11.25
γ 111.0	11.48	11.36	10.99	11.17
γ 112.0	11.49	11.30	11.06	11.27
γ 113.0	11.47	11.23	11.02	11.15
γ 114.0	11.36	11.11	11.20	11.17
γ 115.0	11.40	11.16	11.08	11.23
γ 116.0	11.31	11.07	11.19	11.22
γ 117.0	11.21	10.99	11.16	11.22
γ 118.0	11.21	11.04	11.18	11.26
γ 119.0	11.19	11.01	11.24	11.27
γ 120.0	11.11	10.92	11.29	11.32
γ 121.0	11.02	10.85	11.35	11.27
γ 122.0	11.02	10.90	11.38	11.41
γ 123.0	11.01	10.89	11.46	11.44
γ 124.0	10.99	10.86	11.52	11.39
γ 125.0	10.93	10.92	11.62	11.60
γ 126.0	11.01	10.89	11.80	11.66
γ 127.0	11.08	10.92	11.80	11.69
γ 128.0	11.06	10.95	11.96	11.85
γ 129.0	11.17	11.09	12.05	11.94
γ 130.0	11.23	11.22	12.27	12.14
γ 131.0	11.29	11.34	12.40	12.24
γ 132.0	11.34	11.38	12.68	12.43
γ 133.0	11.55	11.50	12.86	12.66
γ 134.0	11.66	11.75	13.11	12.90
γ 135.0	11.81	11.89	13.38	13.13
γ 136.0	11.98	12.04	13.70	13.45
γ 137.0	12.11	12.27	13.95	13.69
γ 138.0	12.37	12.52	14.29	14.04
γ 139.0	12.60	12.78	14.60	14.30
γ 140.0	12.88	13.05	14.91	14.70

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	13.09	13.29	15.23	14.95
γ 142.0	13.42	13.63	15.60	15.23
γ 143.0	13.74	13.89	15.89	15.60
γ 144.0	13.98	14.18	16.06	15.86
γ 145.0	14.33	14.56	16.42	16.07
γ 146.0	14.66	14.86	16.69	16.34
γ 147.0	14.99	15.12	16.95	16.66
γ 148.0	15.29	15.51	17.18	16.81
γ 149.0	15.56	15.74	17.31	17.11
γ 150.0	15.85	15.98	17.44	17.22
γ 151.0	16.12	16.22	17.63	17.36
γ 152.0	16.37	16.54	17.75	17.44
γ 153.0	16.62	16.68	17.91	17.60
γ 154.0	16.76	16.89	18.01	17.66
γ 155.0	17.10	17.05	18.08	17.72
γ 156.0	17.20	17.19	18.19	17.88
γ 157.0	17.25	17.21	18.19	17.95
γ 158.0	17.47	17.41	18.27	17.92
γ 159.0	17.62	17.48	18.29	17.96
γ 160.0	17.70	17.52	18.30	18.01
γ 161.0	17.77	17.59	18.28	18.01
γ 162.0	17.86	17.67	18.30	18.08
γ 163.0	17.90	17.68	18.28	18.09
γ 164.0	17.98	17.81	18.25	18.07
γ 165.0	18.08	17.79	18.23	18.02
γ 166.0	18.08	17.76	18.10	18.01
γ 167.0	18.04	17.84	18.09	17.90
γ 168.0	18.03	17.84	18.07	17.91
γ 169.0	18.14	17.85	18.00	17.77
γ 170.0	18.06	17.87	17.92	17.74
γ 171.0	18.04	17.87	17.82	17.66
γ 172.0	18.05	17.76	17.73	17.47
γ 173.0	17.93	17.73	17.66	17.51
γ 174.0	17.94	17.72	17.60	17.50
γ 175.0	17.83	17.73	17.55	17.36
γ 176.0	17.74	17.63	17.52	17.37
γ 177.0	17.73	17.61	17.47	17.41
γ 178.0	17.73	17.58	17.53	17.45
γ 179.0	17.64	17.54	17.58	17.52
γ 180.0	17.57	17.57	17.57	17.57