

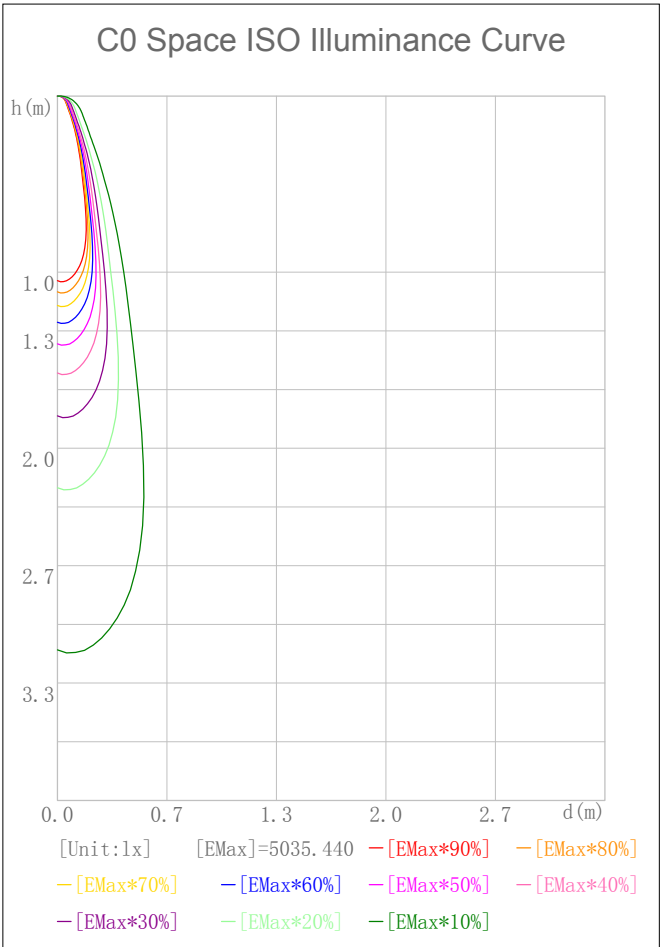
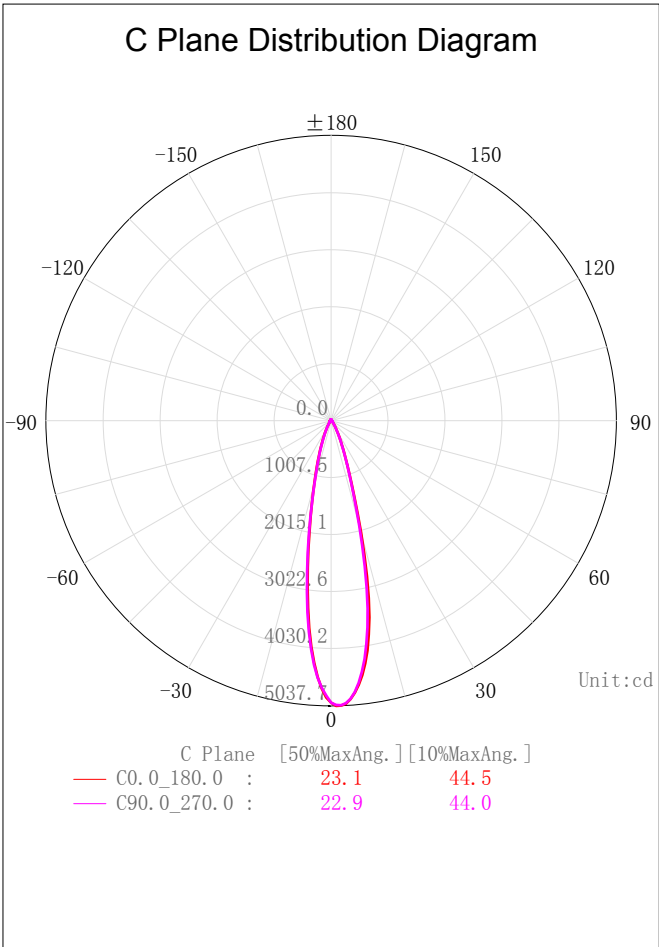
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR04-15-XX-01 2700K RA90 24D	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

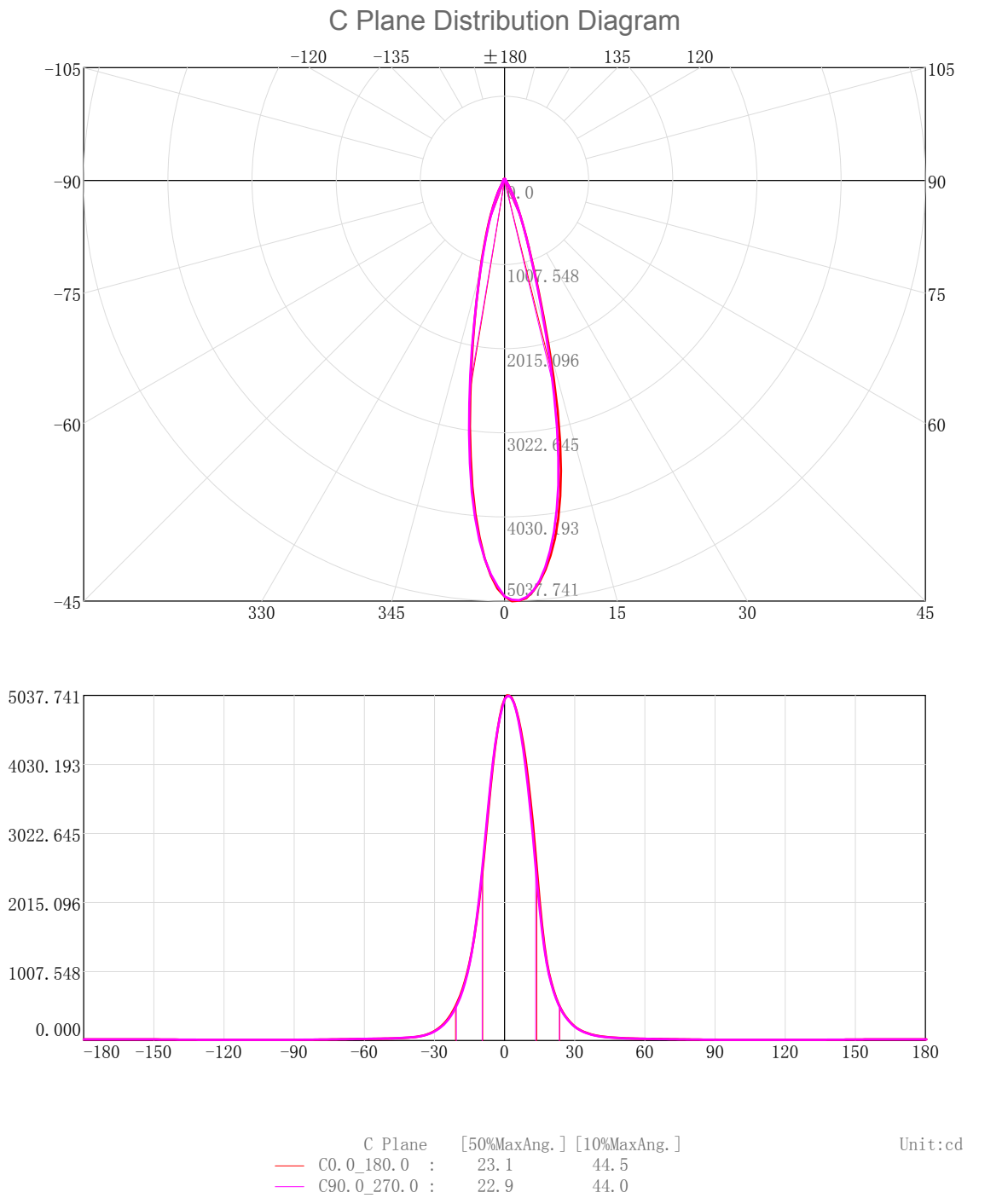
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 1239.750	Luminary Flux(lm): 1239.747	Field Angle(10%Imax): 44.5(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1156.989lm 93.32%
Rated Voltage(V):	Luminary EER(lm/W): 83.710	Up Lumens&Percent: 82.758lm 6.68%
Tested Power(W): 14.810	Max. Candela(cd): 5037.741	S/MH: C0_a180=0.397 C90_270=0.393
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.2, 0.063, 0.966	Beam Angle(50%Imax): 23.1(°)	ErP ϕ use(90°): 1055.208lm
Lamp Size (W*L*H):0.050m*0.000m*0.000m	Left=-9.3°, Right=13.8°	IRF(%): 884.728



2D Plane Light Intensity Distribution Curve

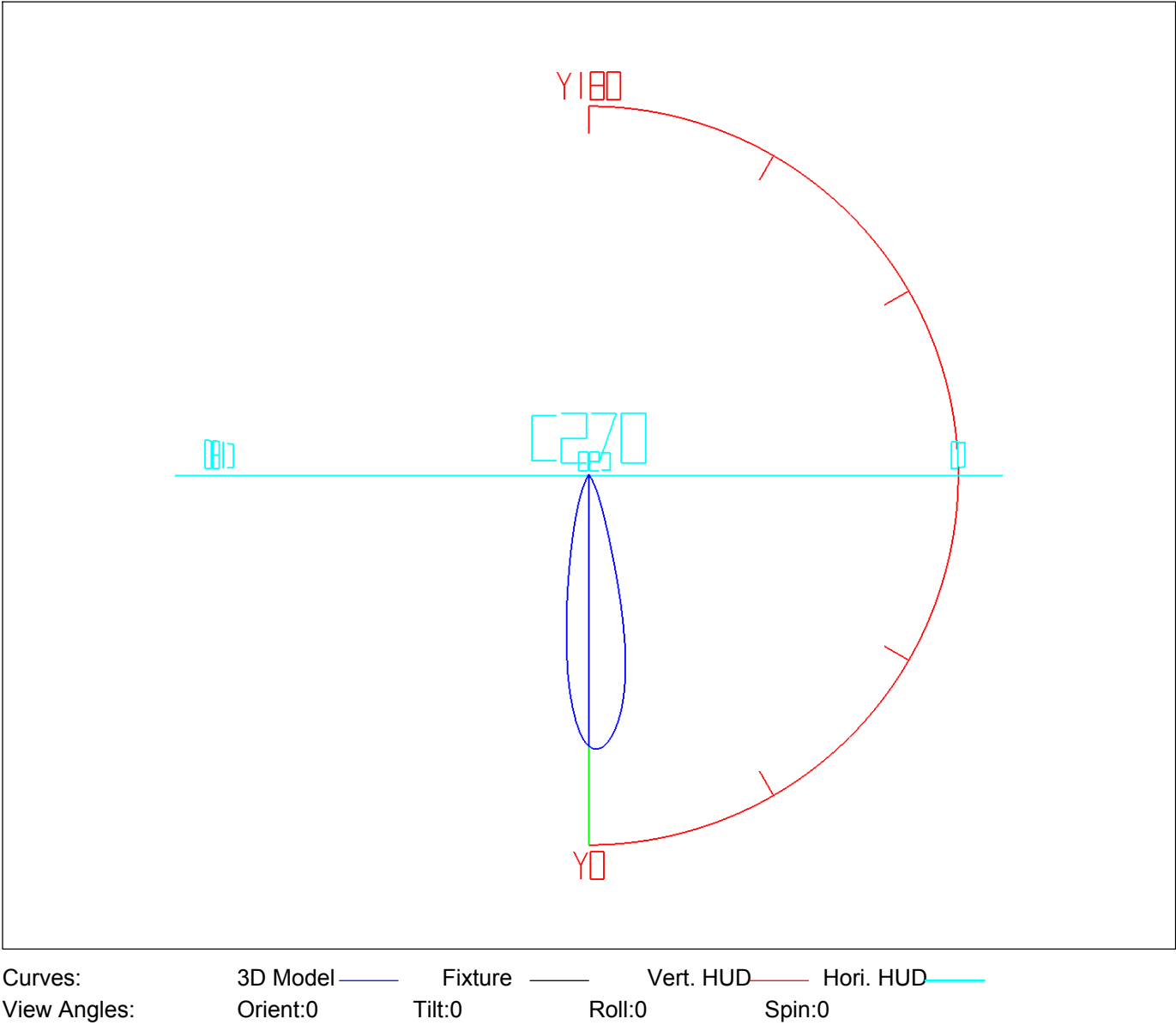
Lum. Name:TR04-15-XX-01 2700K RA90 24D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2020/07/09



3D Light Intensity Distribution Modal

Lum. Name: TR04-15-XX-01 2700K RA90 24D	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 24D.IES

Zonal Flux Tabulation

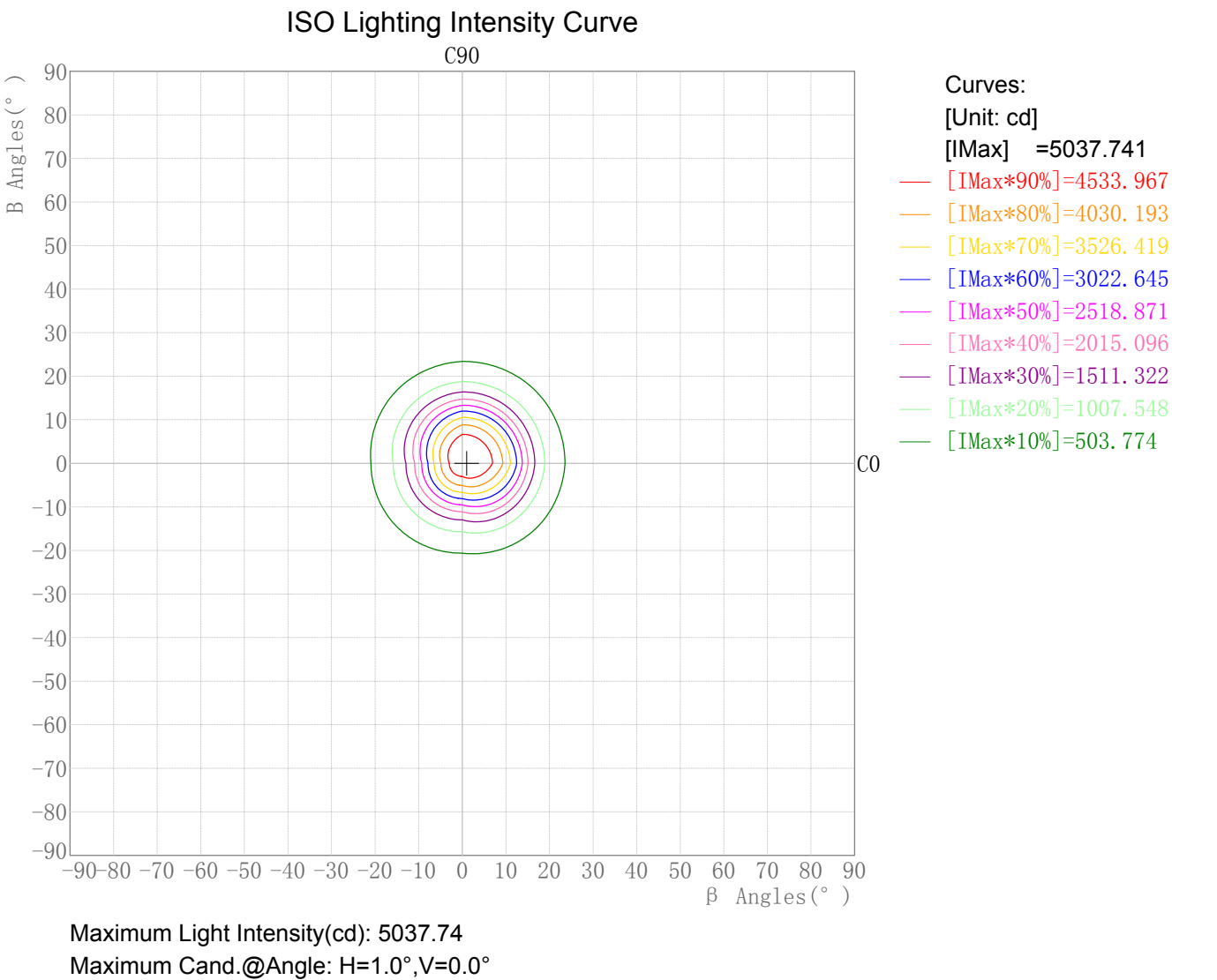
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	4.75	4.75	0.38	0.38	47.0-48.0	3.01	1067.61	0.24	86.11
1.0-2.0	14.11	18.86	1.14	1.52	48.0-49.0	2.93	1070.54	0.24	86.35
2.0-3.0	23.07	41.93	1.86	3.38	49.0-50.0	2.87	1073.41	0.23	86.58
3.0-4.0	31.41	73.34	2.53	5.92	50.0-51.0	2.81	1076.21	0.23	86.81
4.0-5.0	38.87	112.22	3.14	9.05	51.0-52.0	2.76	1078.97	0.22	87.03
5.0-6.0	45.28	157.50	3.65	12.70	52.0-53.0	2.72	1081.69	0.22	87.25
6.0-7.0	50.45	207.94	4.07	16.77	53.0-54.0	2.68	1084.37	0.22	87.47
7.0-8.0	54.29	262.24	4.38	21.15	54.0-55.0	2.65	1087.02	0.21	87.68
8.0-9.0	56.79	319.03	4.58	25.73	55.0-56.0	2.62	1089.64	0.21	87.89
9.0-10.0	57.96	376.99	4.68	30.41	56.0-57.0	2.59	1092.23	0.21	88.10
10.0-11.0	57.84	434.83	4.67	35.07	57.0-58.0	2.56	1094.79	0.21	88.31
11.0-12.0	56.47	491.30	4.55	39.63	58.0-59.0	2.53	1097.32	0.20	88.51
12.0-13.0	53.90	545.20	4.35	43.98	59.0-60.0	2.50	1099.81	0.20	88.71
13.0-14.0	50.40	595.60	4.06	48.04	60.0-61.0	2.46	1102.27	0.20	88.91
14.0-15.0	46.31	641.91	3.74	51.78	61.0-62.0	2.43	1104.70	0.20	89.11
15.0-16.0	42.04	683.95	3.39	55.17	62.0-63.0	2.39	1107.09	0.19	89.30
16.0-17.0	37.85	721.79	3.05	58.22	63.0-64.0	2.36	1109.45	0.19	89.49
17.0-18.0	33.96	755.76	2.74	60.96	64.0-65.0	2.32	1111.76	0.19	89.68
18.0-19.0	30.57	786.33	2.47	63.43	65.0-66.0	2.27	1114.04	0.18	89.86
19.0-20.0	27.63	813.97	2.23	65.66	66.0-67.0	2.23	1116.27	0.18	90.04
20.0-21.0	25.02	838.99	2.02	67.67	67.0-68.0	2.19	1118.46	0.18	90.22
21.0-22.0	22.66	861.65	1.83	69.50	68.0-69.0	2.15	1120.61	0.17	90.39
22.0-23.0	20.49	882.14	1.65	71.15	69.0-70.0	2.11	1122.71	0.17	90.56
23.0-24.0	18.50	900.64	1.49	72.65	70.0-71.0	2.07	1124.78	0.17	90.73
24.0-25.0	16.70	917.33	1.35	73.99	71.0-72.0	2.02	1126.80	0.16	90.89
25.0-26.0	15.07	932.40	1.22	75.21	72.0-73.0	1.98	1128.79	0.16	91.05
26.0-27.0	13.58	945.98	1.10	76.30	73.0-74.0	1.94	1130.73	0.16	91.21
27.0-28.0	12.24	958.22	0.99	77.29	74.0-75.0	1.91	1132.64	0.15	91.36
28.0-29.0	11.02	969.23	0.89	78.18	75.0-76.0	1.87	1134.51	0.15	91.51
29.0-30.0	9.90	979.13	0.80	78.98	76.0-77.0	1.83	1136.34	0.15	91.66
30.0-31.0	8.90	988.03	0.72	79.70	77.0-78.0	1.79	1138.13	0.14	91.80
31.0-32.0	8.04	996.07	0.65	80.34	78.0-79.0	1.76	1139.88	0.14	91.94
32.0-33.0	7.31	1003.38	0.59	80.93	79.0-80.0	1.72	1141.60	0.14	92.08
33.0-34.0	6.66	1010.04	0.54	81.47	80.0-81.0	1.68	1143.29	0.14	92.22
34.0-35.0	6.08	1016.11	0.49	81.96	81.0-82.0	1.65	1144.94	0.13	92.35
35.0-36.0	5.57	1021.68	0.45	82.41	82.0-83.0	1.62	1146.56	0.13	92.48
36.0-37.0	5.13	1026.81	0.41	82.82	83.0-84.0	1.58	1148.14	0.13	92.61
37.0-38.0	4.76	1031.56	0.38	83.21	84.0-85.0	1.55	1149.69	0.12	92.74
38.0-39.0	4.44	1036.01	0.36	83.57	85.0-86.0	1.51	1151.20	0.12	92.86
39.0-40.0	4.18	1040.18	0.34	83.90	86.0-87.0	1.48	1152.68	0.12	92.98
40.0-41.0	3.95	1044.13	0.32	84.22	87.0-88.0	1.46	1154.14	0.12	93.09
41.0-42.0	3.76	1047.89	0.30	84.52	88.0-89.0	1.44	1155.57	0.12	93.21
42.0-43.0	3.60	1051.49	0.29	84.82	89.0-90.0	1.42	1156.99	0.11	93.32
43.0-44.0	3.46	1054.95	0.28	85.09	90.0-91.0	1.40	1158.39	0.11	93.44
44.0-45.0	3.33	1058.29	0.27	85.36	91.0-92.0	1.38	1159.77	0.11	93.55
45.0-46.0	3.21	1061.49	0.26	85.62	92.0-93.0	1.37	1161.14	0.11	93.66
46.0-47.0	3.10	1064.60	0.25	85.87	93.0-94.0	1.36	1162.50	0.11	93.77

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	1.35	1163.85	0.11	93.88	141.0-142.0	1.00	1217.15	0.08	98.18
95.0-96.0	1.34	1165.19	0.11	93.99	142.0-143.0	0.99	1218.14	0.08	98.26
96.0-97.0	1.33	1166.52	0.11	94.09	143.0-144.0	0.99	1219.13	0.08	98.34
97.0-98.0	1.32	1167.83	0.11	94.20	144.0-145.0	0.98	1220.11	0.08	98.42
98.0-99.0	1.31	1169.14	0.11	94.30	145.0-146.0	0.97	1221.08	0.08	98.49
99.0-100.0	1.30	1170.44	0.10	94.41	146.0-147.0	0.96	1222.05	0.08	98.57
100.0-101.0	1.29	1171.73	0.10	94.51	147.0-148.0	0.95	1223.00	0.08	98.65
101.0-102.0	1.28	1173.01	0.10	94.62	148.0-149.0	0.94	1223.93	0.08	98.72
102.0-103.0	1.28	1174.29	0.10	94.72	149.0-150.0	0.92	1224.86	0.07	98.80
103.0-104.0	1.27	1175.55	0.10	94.82	150.0-151.0	0.91	1225.76	0.07	98.87
104.0-105.0	1.26	1176.81	0.10	94.92	151.0-152.0	0.89	1226.65	0.07	98.94
105.0-106.0	1.25	1178.06	0.10	95.02	152.0-153.0	0.87	1227.52	0.07	99.01
106.0-107.0	1.24	1179.30	0.10	95.12	153.0-154.0	0.85	1228.36	0.07	99.08
107.0-108.0	1.23	1180.53	0.10	95.22	154.0-155.0	0.82	1229.19	0.07	99.15
108.0-109.0	1.22	1181.75	0.10	95.32	155.0-156.0	0.80	1229.99	0.06	99.21
109.0-110.0	1.21	1182.96	0.10	95.42	156.0-157.0	0.77	1230.76	0.06	99.27
110.0-111.0	1.20	1184.16	0.10	95.52	157.0-158.0	0.75	1231.51	0.06	99.34
111.0-112.0	1.19	1185.35	0.10	95.61	158.0-159.0	0.72	1232.22	0.06	99.39
112.0-113.0	1.18	1186.53	0.10	95.71	159.0-160.0	0.69	1232.91	0.06	99.45
113.0-114.0	1.17	1187.69	0.09	95.80	160.0-161.0	0.66	1233.57	0.05	99.50
114.0-115.0	1.16	1188.85	0.09	95.89	161.0-162.0	0.63	1234.20	0.05	99.55
115.0-116.0	1.15	1190.00	0.09	95.99	162.0-163.0	0.60	1234.79	0.05	99.60
116.0-117.0	1.14	1191.14	0.09	96.08	163.0-164.0	0.56	1235.36	0.05	99.65
117.0-118.0	1.13	1192.27	0.09	96.17	164.0-165.0	0.53	1235.89	0.04	99.69
118.0-119.0	1.12	1193.39	0.09	96.26	165.0-166.0	0.50	1236.39	0.04	99.73
119.0-120.0	1.11	1194.49	0.09	96.35	166.0-167.0	0.46	1236.85	0.04	99.77
120.0-121.0	1.10	1195.59	0.09	96.44	167.0-168.0	0.43	1237.28	0.03	99.80
121.0-122.0	1.09	1196.68	0.09	96.53	168.0-169.0	0.40	1237.67	0.03	99.83
122.0-123.0	1.08	1197.76	0.09	96.61	169.0-170.0	0.36	1238.04	0.03	99.86
123.0-124.0	1.06	1198.82	0.09	96.70	170.0-171.0	0.33	1238.36	0.03	99.89
124.0-125.0	1.05	1199.88	0.09	96.78	171.0-172.0	0.29	1238.65	0.02	99.91
125.0-126.0	1.05	1200.92	0.08	96.87	172.0-173.0	0.26	1238.91	0.02	99.93
126.0-127.0	1.04	1201.96	0.08	96.95	173.0-174.0	0.22	1239.13	0.02	99.95
127.0-128.0	1.03	1203.00	0.08	97.04	174.0-175.0	0.19	1239.32	0.02	99.97
128.0-129.0	1.03	1204.03	0.08	97.12	175.0-176.0	0.15	1239.47	0.01	99.98
129.0-130.0	1.02	1205.05	0.08	97.20	176.0-177.0	0.12	1239.59	0.01	99.99
130.0-131.0	1.02	1206.07	0.08	97.28	177.0-178.0	0.09	1239.68	0.01	99.99
131.0-132.0	1.02	1207.09	0.08	97.37	178.0-179.0	0.05	1239.73	0.00	100.00
132.0-133.0	1.01	1208.10	0.08	97.45	179.0-180.0	0.02	1239.75	0.00	100.00
133.0-134.0	1.01	1209.11	0.08	97.53					
134.0-135.0	1.01	1210.13	0.08	97.61					
135.0-136.0	1.01	1211.13	0.08	97.69					
136.0-137.0	1.01	1212.14	0.08	97.77					
137.0-138.0	1.01	1213.15	0.08	97.85					
138.0-139.0	1.00	1214.15	0.08	97.94					
139.0-140.0	1.00	1215.16	0.08	98.02					
140.0-141.0	1.00	1216.16	0.08	98.10					

Rectangle ISO Lighting Intensity Diagram

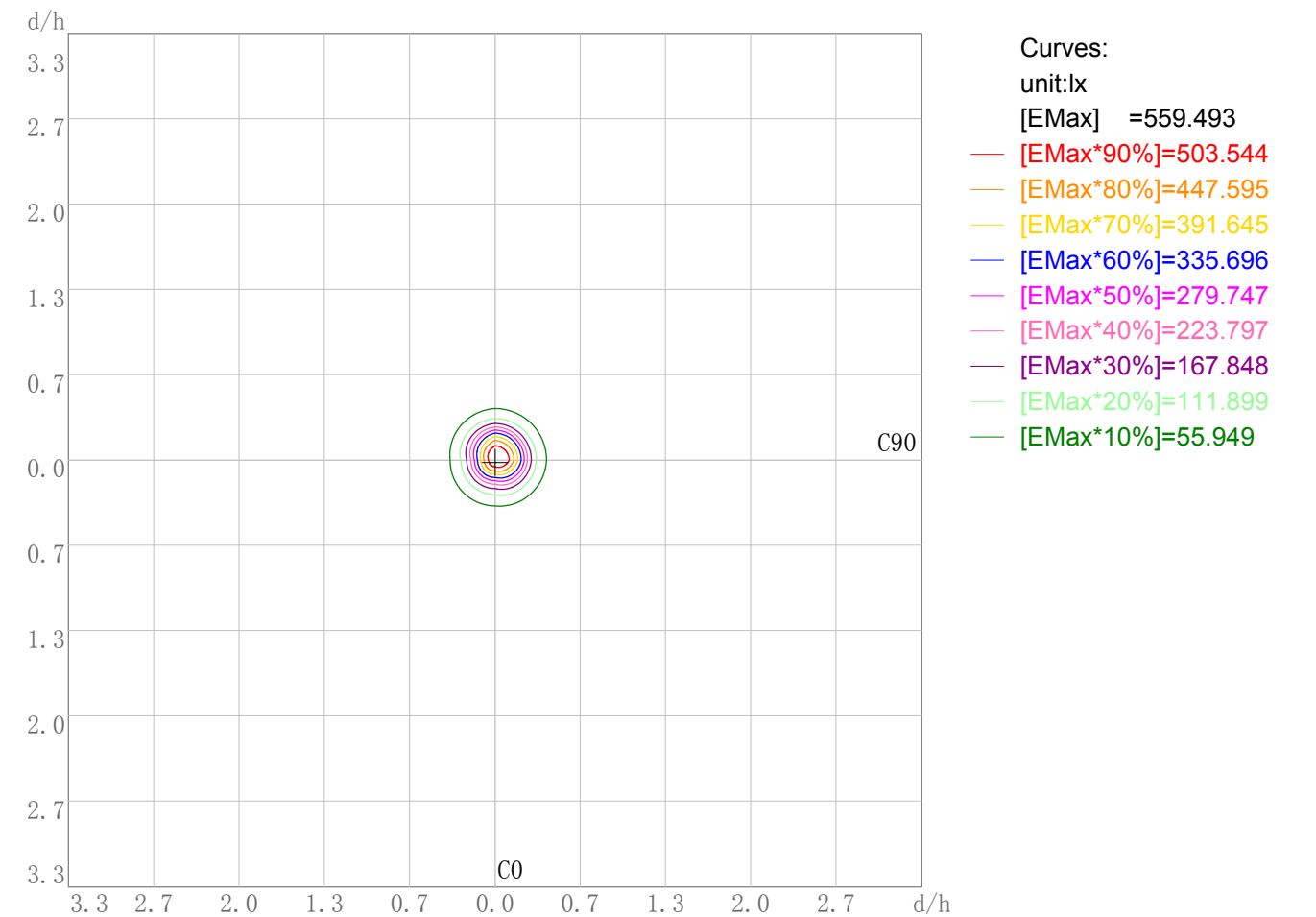
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Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2020/07/09



Plane ISO-Illuminance Diagram

Lum. Name:TR04-15-XX-01 2700K RA90 24D	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): 559.49
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

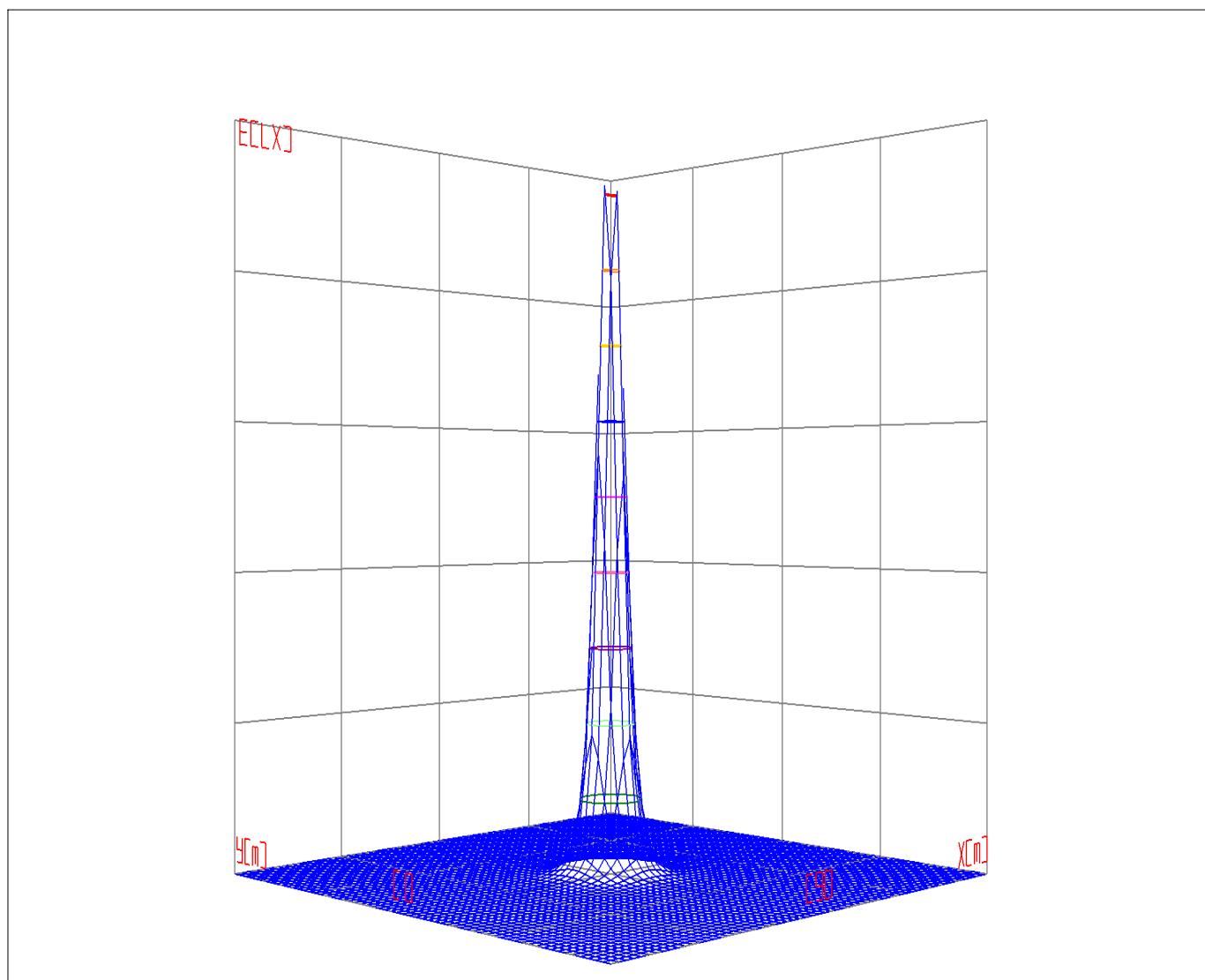
IES Indoor Report

Photometric Filename:TR04-15-XX-01 2700K RA90 24D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: TR04-15-XX-01 2700K RA90 24D	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

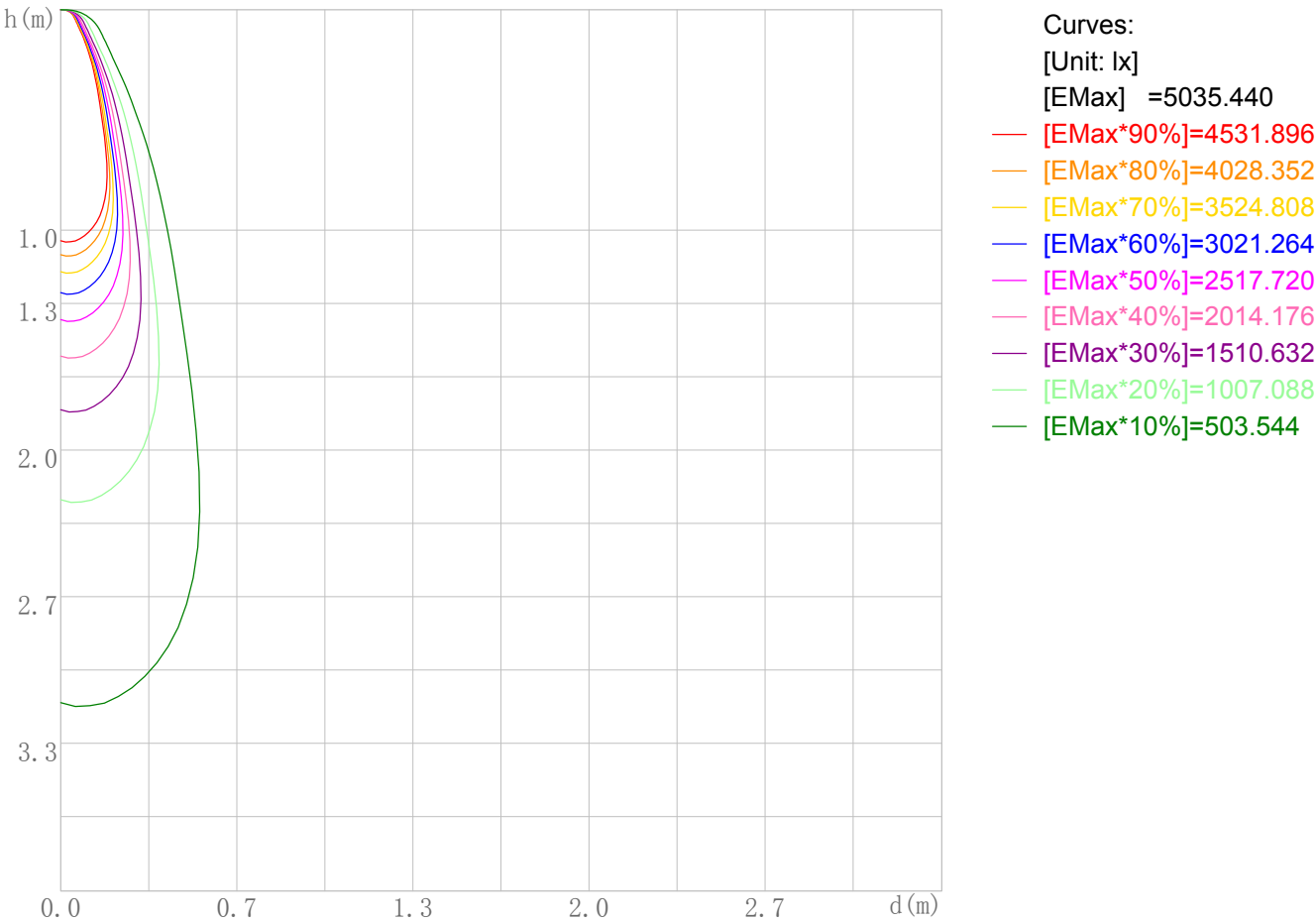


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: TR04-15-XX-01 2700K RA90 24D	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

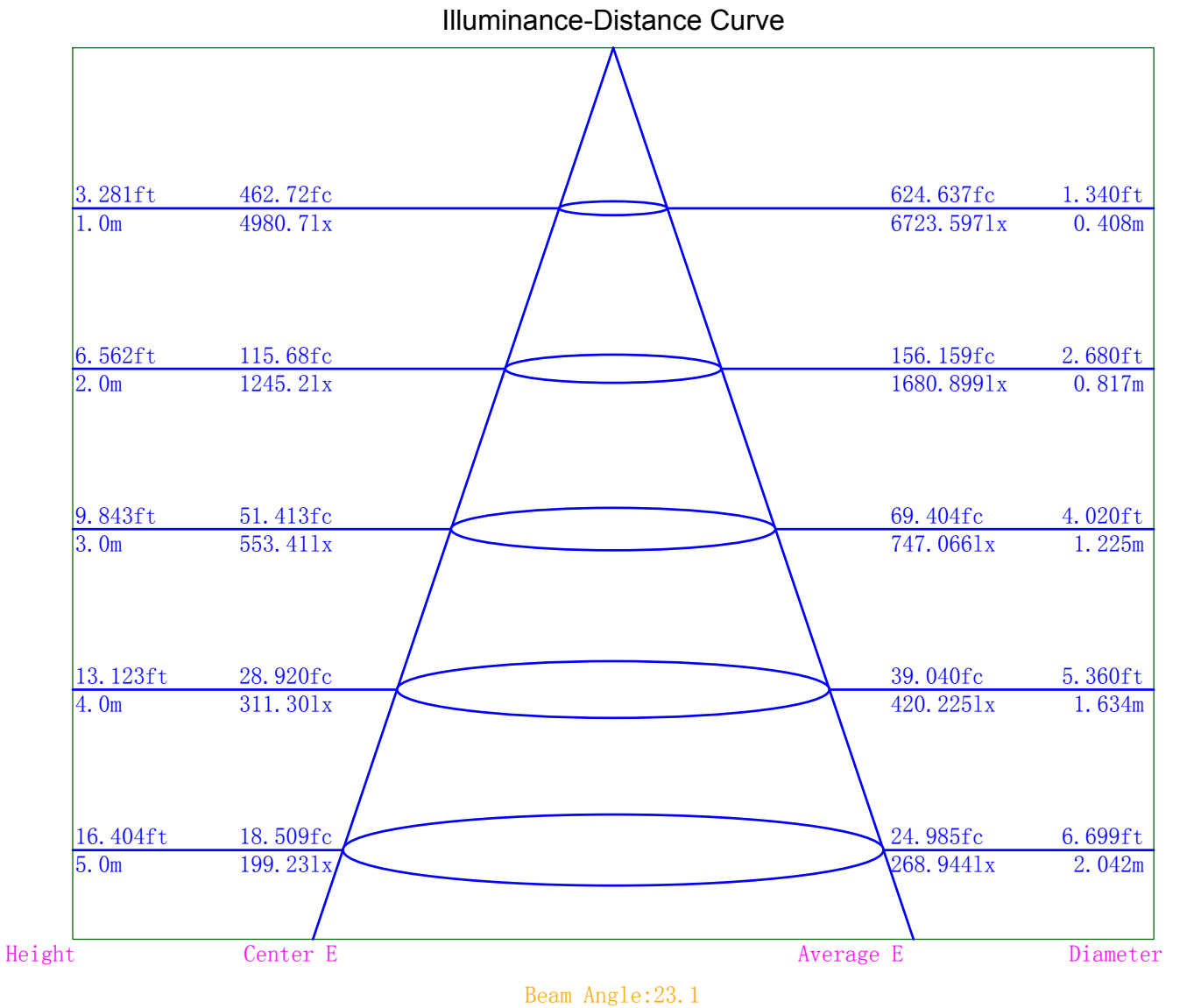
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:5035.44lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:5037.741cd,0deg

Illuminance-Distance Diagram

Lum. Name:TR04-15-XX-01 2700K RA90 24D	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 Luminance Limiting Curves

Lum. Name: TR04-15-XX-01 2700K RA90 24D	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

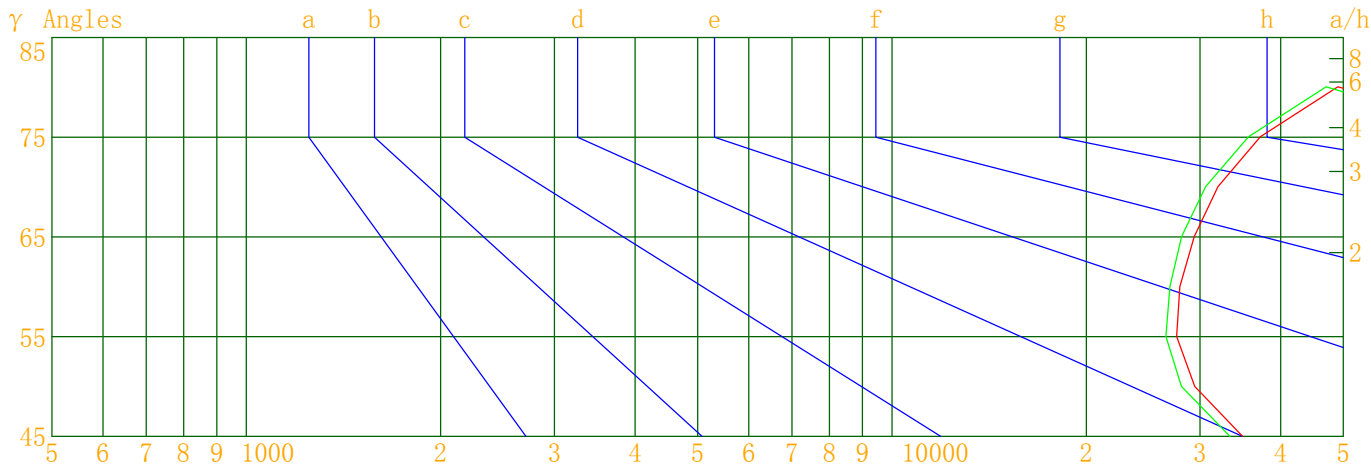
Glare Grade Table

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	34914	29442	27598	27922	29391	31980	37210	49044	86881
C90	33369	28068	26567	26952	28088	30608	35666	47038	83667

Luminance Limiting Curve



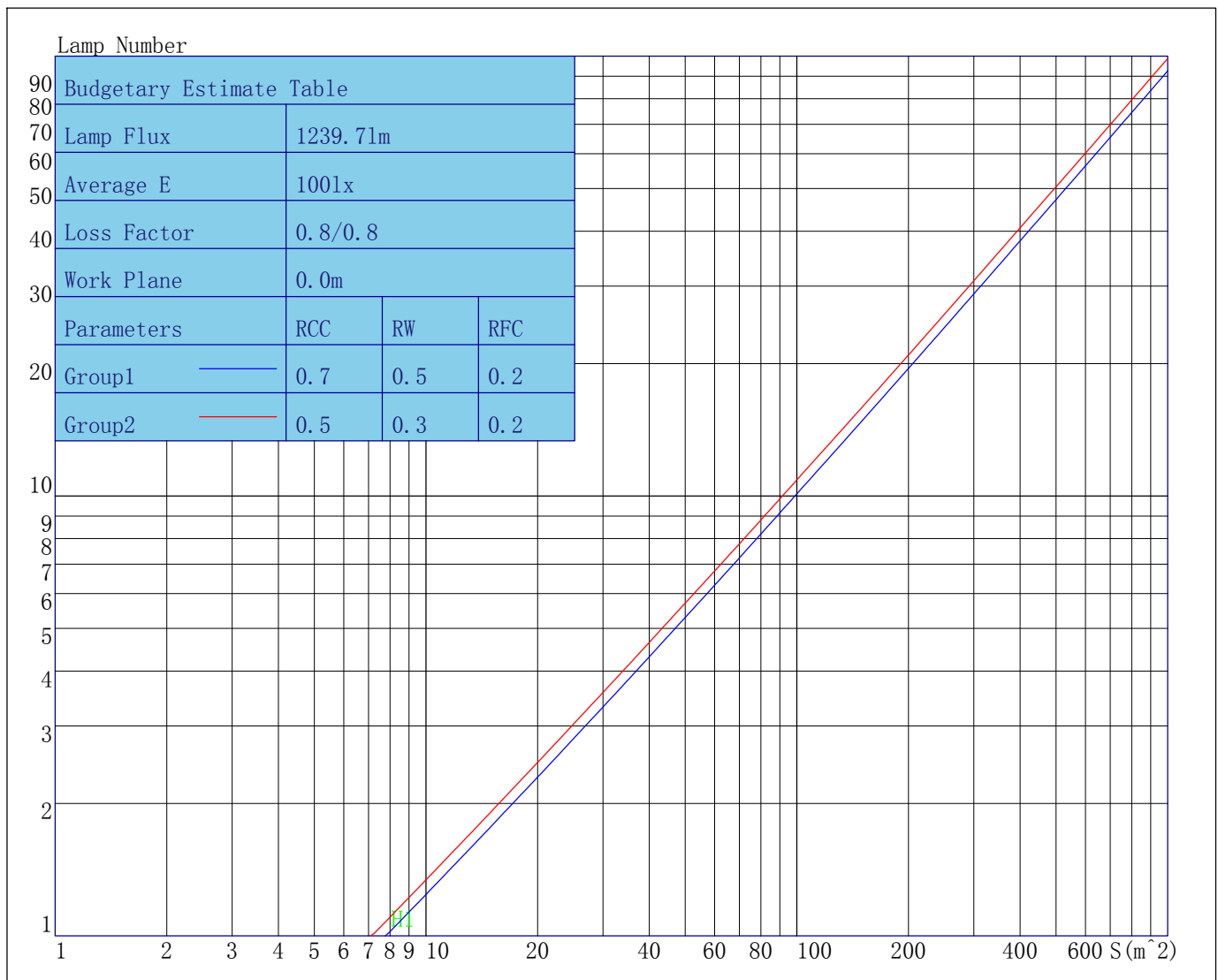
Luminous Size: Length(m)=0.000 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:TR04-15-XX-01 2700K RA90 24D.IES

Indoor Budgetary Estimate Table

Lum. Name: TR04-15-XX-01 2700K RA90 24D	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



Parameters1: Rhocc = 0.7 Rhow = 0.5 Rhofc = 0.2 LLF = 0.8
Parameters2: Rhocc = 0.5 Rhow = 0.3 Rhofc = 0.2 LLF = 0.8
Average Illuminance(lx): 100 Cavity Height: H1(m) = 2

Indoor Coefficient of Utilization Table

Lum. Name: TR04-15-XX-01 2700K RA90 24D	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	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	93
1	112	109	107	104	109	106	104	102	101	99	98	96	95	94	92	91	90	88
2	107	102	98	95	104	100	97	94	96	93	91	92	90	88	88	86	85	83
3	102	97	92	88	100	95	91	87	91	88	85	88	85	83	85	83	81	79
4	98	92	87	83	96	90	86	82	87	84	81	85	82	79	82	80	77	76
5	95	88	83	79	93	86	82	78	84	80	77	82	78	76	79	77	74	73
6	91	84	79	75	90	83	78	75	81	77	74	79	75	73	77	74	72	70
7	88	81	76	72	87	80	75	72	78	74	71	76	73	70	75	72	69	68
8	85	78	73	69	84	77	72	69	75	71	68	74	70	68	72	69	67	66
9	83	75	70	67	82	74	70	67	73	69	66	72	68	66	70	67	65	64
10	80	73	68	65	79	72	68	65	71	67	64	70	66	64	69	65	63	62

Unified Glare Rating Table

Lum. Name:TR04-15-XX-01 2700K RA90 24D	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	18.5	19.5	19.0	19.9	20.4	18.3	19.3	18.8	19.7	20.2
	20.3	21.1	20.8	21.6	22.1	20.0	20.9	20.5	21.4	21.9
	21.3	22.1	21.8	22.6	23.1	21.1	21.9	21.6	22.4	22.9
	22.5	23.2	23.0	23.8	24.3	22.3	23.0	22.8	23.5	24.1
	23.2	23.9	23.8	24.4	25.0	23.0	23.7	23.5	24.2	24.7
	24.0	24.7	24.6	25.2	25.8	23.8	24.5	24.3	25.0	25.6
X=4H Y=2H	19.1	19.9	19.6	20.4	20.9	18.9	19.7	19.4	20.2	20.7
	21.1	21.8	21.6	22.3	22.9	20.9	21.6	21.4	22.1	22.7
	22.3	22.9	22.9	23.5	24.1	22.1	22.7	22.7	23.3	23.9
	23.8	24.3	24.4	24.9	25.5	23.6	24.1	24.1	24.6	25.3
	24.6	25.1	25.2	25.6	26.3	24.4	24.8	25.0	25.4	26.0
	25.6	26.0	26.2	26.6	27.2	25.3	25.8	25.9	26.4	27.0
X=8H Y=4H	22.8	23.3	23.4	23.9	24.5	22.6	23.1	23.2	23.7	24.3
	24.5	24.9	25.2	25.5	26.2	24.3	24.7	24.9	25.3	26.0
	25.5	25.9	26.2	26.5	27.2	25.3	25.7	26.0	26.3	27.0
	26.8	27.1	27.4	27.7	28.4	26.5	26.8	27.2	27.4	28.2
X=12H Y=4H	22.9	23.4	23.5	24.0	24.6	22.7	23.2	23.3	23.8	24.4
	24.8	25.1	25.4	25.7	26.4	24.5	24.9	25.2	25.5	26.2
	25.9	26.2	26.5	26.8	27.5	25.7	26.0	26.3	26.6	27.3
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					4.9				

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 24D.IES

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	4980.73	4980.73	4980.73	4980.73
γ 1.0	5037.74	5021.20	4887.14	4856.58
γ 2.0	5034.45	5029.07	4731.39	4717.78
γ 3.0	5007.83	4995.93	4533.47	4539.17
γ 4.0	4929.37	4924.72	4282.70	4319.83
γ 5.0	4823.58	4809.48	4004.16	4052.13
γ 6.0	4686.67	4655.83	3683.95	3749.66
γ 7.0	4524.20	4468.79	3331.21	3409.95
γ 8.0	4330.95	4248.29	2976.88	3053.44
γ 9.0	4108.18	3991.00	2621.36	2699.05
γ 10.0	3836.58	3705.75	2295.93	2360.59
γ 11.0	3539.53	3378.26	1995.35	2044.06
γ 12.0	3201.26	3020.54	1728.22	1755.49
γ 13.0	2823.88	2638.95	1496.65	1503.90
γ 14.0	2426.36	2269.84	1299.81	1289.35
γ 15.0	2041.98	1926.17	1130.25	1110.51
γ 16.0	1698.01	1618.25	987.77	962.72
γ 17.0	1405.84	1350.06	862.92	835.38
γ 18.0	1171.45	1136.08	753.13	725.06
γ 19.0	991.04	965.62	657.80	629.21
γ 20.0	847.50	826.54	573.82	547.33
γ 21.0	730.35	711.34	500.48	475.60
γ 22.0	629.26	614.95	436.05	413.00
γ 23.0	544.24	531.47	378.19	358.24
γ 24.0	471.31	461.37	327.97	311.08
γ 25.0	410.36	401.15	284.08	270.06
γ 26.0	357.90	349.63	245.93	233.78
γ 27.0	312.46	304.59	213.38	202.87
γ 28.0	272.97	266.15	185.05	176.13
γ 29.0	238.07	231.67	160.85	153.51
γ 30.0	206.99	202.43	139.43	133.31
γ 31.0	180.90	178.09	121.47	116.41
γ 32.0	160.34	157.61	106.19	102.02
γ 33.0	143.62	139.34	93.00	89.90
γ 34.0	128.29	123.86	82.01	79.84
γ 35.0	114.56	110.27	72.59	71.25
γ 36.0	102.71	98.68	64.76	64.32
γ 37.0	92.46	88.54	58.76	58.69
γ 38.0	83.30	79.82	54.06	54.43
γ 39.0	75.56	72.32	50.24	50.89
γ 40.0	69.07	66.02	47.00	47.95
γ 41.0	63.39	60.72	44.41	45.27
γ 42.0	58.80	56.31	42.07	43.00
γ 43.0	54.87	52.61	40.00	41.09
γ 44.0	51.49	49.36	38.10	39.22
γ 45.0	48.47	46.33	36.25	37.42
γ 46.0	45.81	43.77	34.46	35.78

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	43.38	41.38	33.14	34.25
γ 48.0	41.13	39.25	32.15	33.25
γ 49.0	39.05	37.33	31.35	32.34
γ 50.0	37.16	35.42	30.69	31.61
γ 51.0	35.49	33.90	30.03	30.90
γ 52.0	34.18	32.72	29.37	30.25
γ 53.0	33.08	31.77	28.79	29.66
γ 54.0	32.02	30.87	28.25	29.15
γ 55.0	31.08	29.92	27.76	28.59
γ 56.0	30.24	29.14	27.16	28.03
γ 57.0	29.43	28.47	26.58	27.46
γ 58.0	28.71	27.68	26.02	26.93
γ 59.0	28.04	27.08	25.47	26.32
γ 60.0	27.41	26.46	24.83	25.67
γ 61.0	26.75	25.82	24.22	25.05
γ 62.0	26.18	25.18	23.77	24.52
γ 63.0	25.55	24.56	23.16	23.92
γ 64.0	24.97	23.93	22.62	23.33
γ 65.0	24.39	23.31	21.99	22.64
γ 66.0	23.78	22.74	21.31	22.06
γ 67.0	23.19	22.25	20.76	21.44
γ 68.0	22.60	21.67	20.23	20.82
γ 69.0	22.05	21.13	19.64	20.27
γ 70.0	21.48	20.56	19.16	19.83
γ 71.0	20.89	20.01	18.70	19.28
γ 72.0	20.37	19.55	18.14	18.76
γ 73.0	19.86	19.01	17.70	18.26
γ 74.0	19.37	18.66	17.23	17.81
γ 75.0	18.91	18.13	16.85	17.41
γ 76.0	18.47	17.70	16.38	16.89
γ 77.0	18.05	17.26	16.01	16.50
γ 78.0	17.57	16.86	15.61	16.14
γ 79.0	17.12	16.42	15.21	15.81
γ 80.0	16.72	16.04	14.89	15.34
γ 81.0	16.38	15.72	14.52	15.00
γ 82.0	15.89	15.39	14.26	14.65
γ 83.0	15.57	14.96	13.85	14.35
γ 84.0	15.19	14.67	13.56	13.96
γ 85.0	14.87	14.32	13.27	13.61
γ 86.0	14.46	14.01	12.95	13.32
γ 87.0	14.15	13.67	12.66	13.07
γ 88.0	13.83	13.40	12.58	12.96
γ 89.0	13.53	13.13	12.50	12.87
γ 90.0	13.32	12.87	12.38	12.71
γ 91.0	13.10	12.62	12.26	12.69
γ 92.0	12.91	12.55	12.21	12.59
γ 93.0	12.90	12.46	12.03	12.45

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	12.82	12.34	12.03	12.34
γ 95.0	12.75	12.35	11.91	12.25
γ 96.0	12.62	12.19	11.84	12.21
γ 97.0	12.53	12.18	11.75	12.10
γ 98.0	12.43	12.17	11.77	12.01
γ 99.0	12.35	12.06	11.69	11.98
γ 100.0	12.29	12.08	11.69	11.90
γ 101.0	12.32	12.02	11.62	11.87
γ 102.0	12.29	11.99	11.58	11.89
γ 103.0	12.19	11.92	11.60	11.86
γ 104.0	12.12	11.90	11.53	11.80
γ 105.0	12.12	11.87	11.59	11.76
γ 106.0	12.02	11.78	11.56	11.78
γ 107.0	12.02	11.77	11.51	11.70
γ 108.0	11.98	11.76	11.55	11.70
γ 109.0	11.90	11.74	11.48	11.70
γ 110.0	11.92	11.69	11.49	11.72
γ 111.0	11.87	11.67	11.50	11.64
γ 112.0	11.85	11.61	11.48	11.70
γ 113.0	11.76	11.59	11.50	11.63
γ 114.0	11.74	11.60	11.52	11.66
γ 115.0	11.74	11.55	11.54	11.66
γ 116.0	11.65	11.46	11.56	11.73
γ 117.0	11.68	11.48	11.58	11.66
γ 118.0	11.61	11.51	11.57	11.69
γ 119.0	11.50	11.50	11.63	11.71
γ 120.0	11.58	11.44	11.70	11.80
γ 121.0	11.48	11.36	11.77	11.83
γ 122.0	11.50	11.46	11.76	11.84
γ 123.0	11.50	11.34	11.79	11.97
γ 124.0	11.46	11.28	11.89	11.92
γ 125.0	11.45	11.41	12.00	11.96
γ 126.0	11.51	11.40	11.98	12.06
γ 127.0	11.58	11.45	12.17	12.20
γ 128.0	11.63	11.60	12.26	12.25
γ 129.0	11.69	11.60	12.44	12.42
γ 130.0	11.76	11.74	12.57	12.63
γ 131.0	11.90	11.81	12.75	12.79
γ 132.0	11.95	11.94	13.01	12.95
γ 133.0	12.09	12.01	13.18	13.13
γ 134.0	12.25	12.24	13.42	13.46
γ 135.0	12.34	12.43	13.65	13.65
γ 136.0	12.61	12.57	13.91	13.83
γ 137.0	12.81	12.76	14.26	14.13
γ 138.0	12.97	13.02	14.42	14.35
γ 139.0	13.21	13.19	14.68	14.68
γ 140.0	13.48	13.44	15.06	14.90

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	13.67	13.80	15.31	15.12
γ 142.0	13.91	13.99	15.54	15.41
γ 143.0	14.16	14.25	15.85	15.68
γ 144.0	14.45	14.48	16.12	15.95
γ 145.0	14.73	14.83	16.32	16.31
γ 146.0	15.01	15.03	16.55	16.50
γ 147.0	15.36	15.31	16.80	16.73
γ 148.0	15.54	15.56	16.94	16.86
γ 149.0	15.76	15.86	17.15	17.00
γ 150.0	16.05	16.05	17.39	17.27
γ 151.0	16.29	16.31	17.48	17.41
γ 152.0	16.52	16.54	17.72	17.51
γ 153.0	16.75	16.70	17.79	17.67
γ 154.0	16.93	16.94	17.91	17.77
γ 155.0	17.12	17.12	17.97	17.84
γ 156.0	17.25	17.19	18.10	17.89
γ 157.0	17.42	17.36	18.21	18.01
γ 158.0	17.59	17.44	18.21	17.99
γ 159.0	17.70	17.60	18.19	18.02
γ 160.0	17.77	17.66	18.34	18.13
γ 161.0	17.87	17.73	18.39	18.10
γ 162.0	17.86	17.80	18.39	18.16
γ 163.0	17.95	17.81	18.41	18.20
γ 164.0	17.98	17.88	18.42	18.10
γ 165.0	18.03	17.91	18.37	18.10
γ 166.0	18.07	17.97	18.29	18.09
γ 167.0	18.09	17.96	18.28	18.08
γ 168.0	18.07	18.05	18.33	18.03
γ 169.0	18.11	18.06	18.12	17.93
γ 170.0	18.22	18.05	18.16	17.91
γ 171.0	18.19	17.96	18.02	17.88
γ 172.0	18.05	17.99	17.98	17.86
γ 173.0	18.03	17.83	17.86	17.72
γ 174.0	17.96	17.92	17.90	17.71
γ 175.0	17.95	17.87	17.91	17.73
γ 176.0	17.91	17.87	17.93	17.76
γ 177.0	17.95	17.86	17.88	17.84
γ 178.0	17.86	17.86	17.90	17.82
γ 179.0	17.88	17.90	17.93	17.85
γ 180.0	17.91	17.91	17.91	17.91