

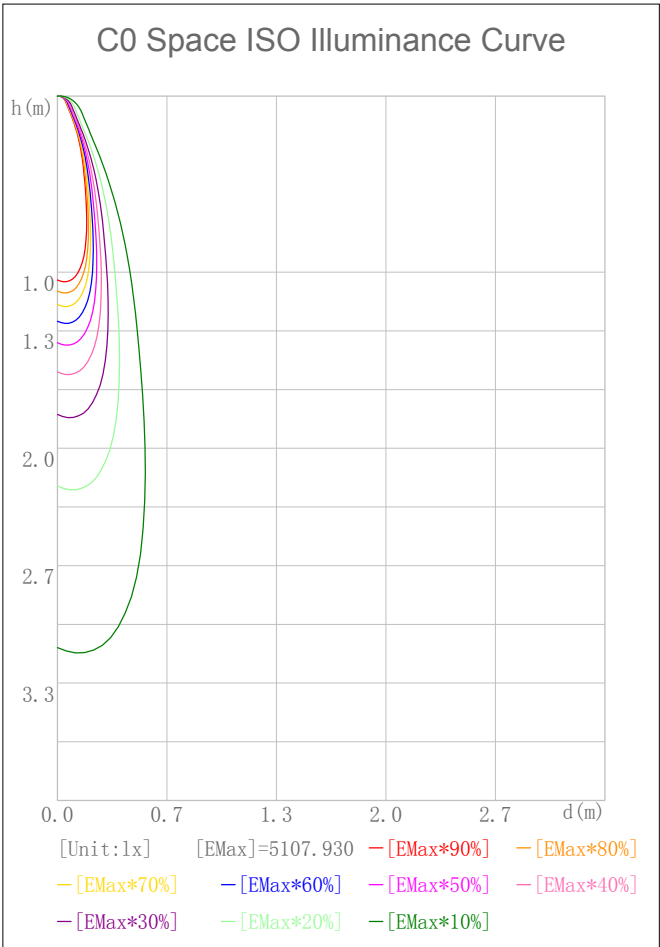
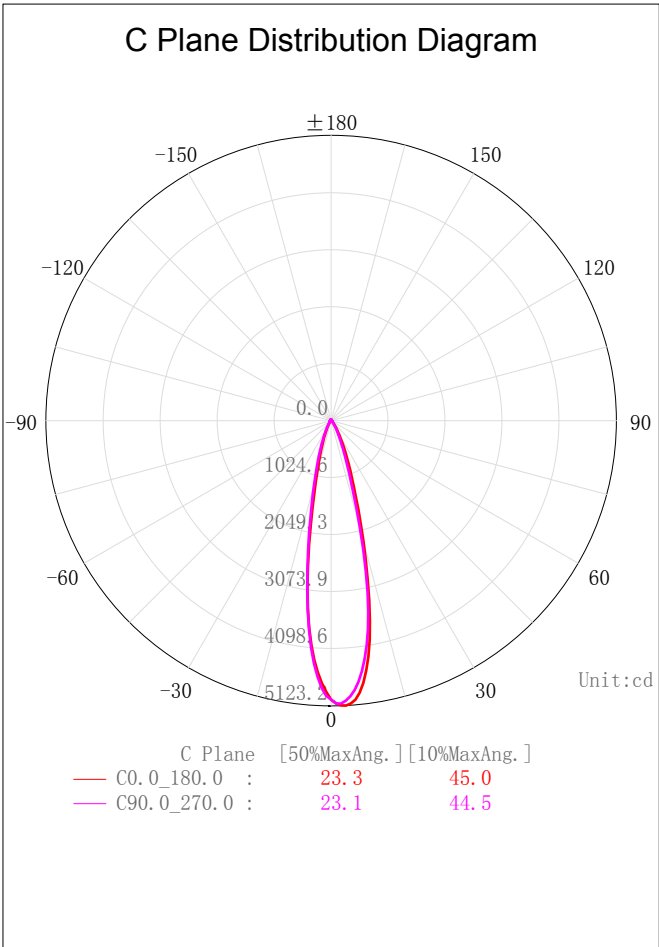
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR04-15-XX-01 3000K 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

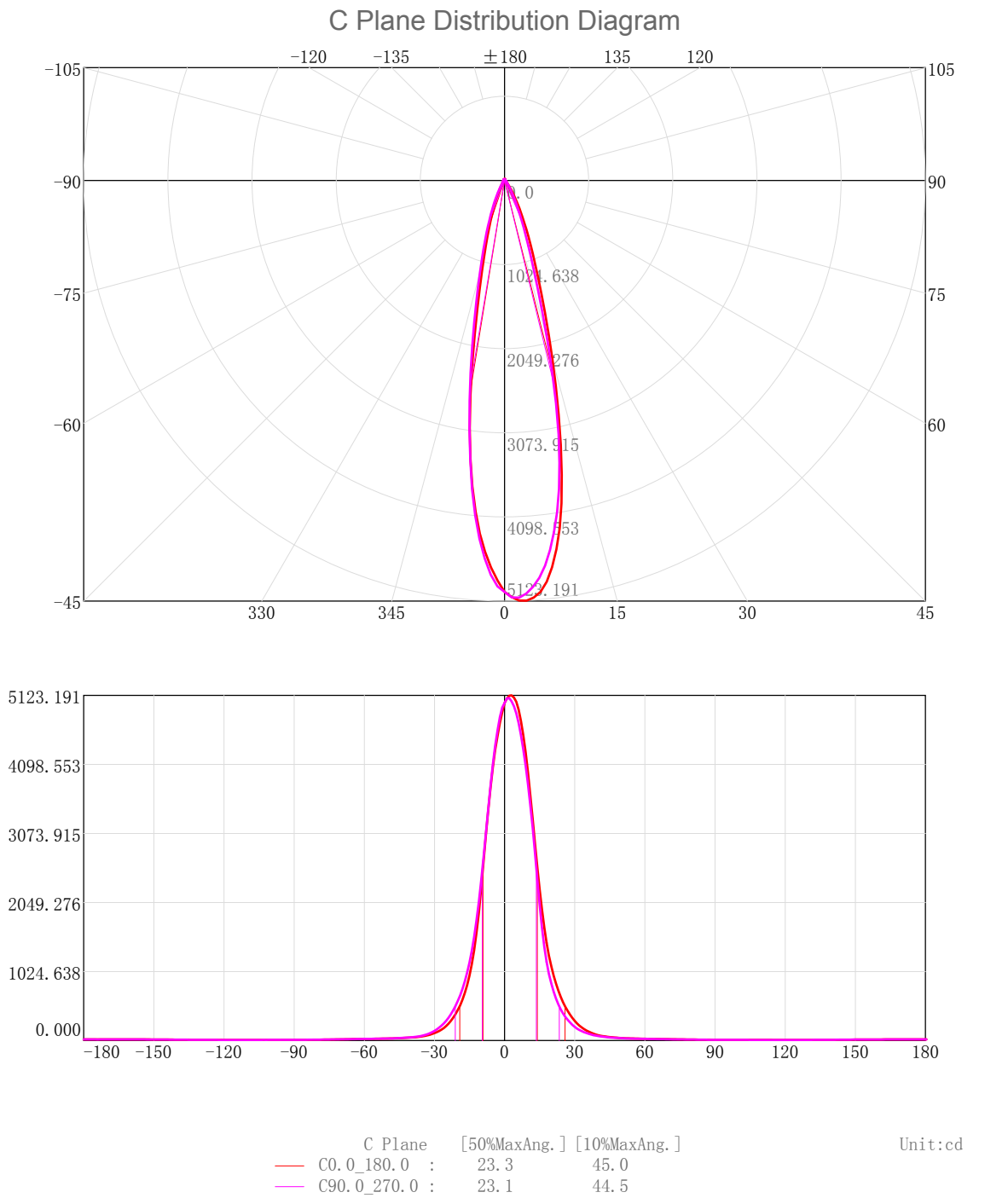
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 1276.000	Luminary Flux(lm): 1275.936	Field Angle(10%Imax): 45.0(°)
Rated Power(W):	Luminary Efficiency: 99.99%	Down Lumens&Percent: 1197.207lm 93.83%
Rated Voltage(V):	Luminary EER(lm/W): 87.214	Up Lumens&Percent: 78.729lm 6.17%
Tested Power(W): 14.630	Max. Candela(cd): 5123.191	S/MH: C0_a180=0.402 C90_270=0.398
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=3.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.2, 0.063, 0.966	Beam Angle(50%Imax): 23.3(°)	ErP Φ use(90°): 1075.719lm
Lamp Size (W*L*H):0.050m*0.000m*0.000m	Left=-9.2°, Right=14.0°	IRF(%): 825.375



2D Plane Light Intensity Distribution Curve

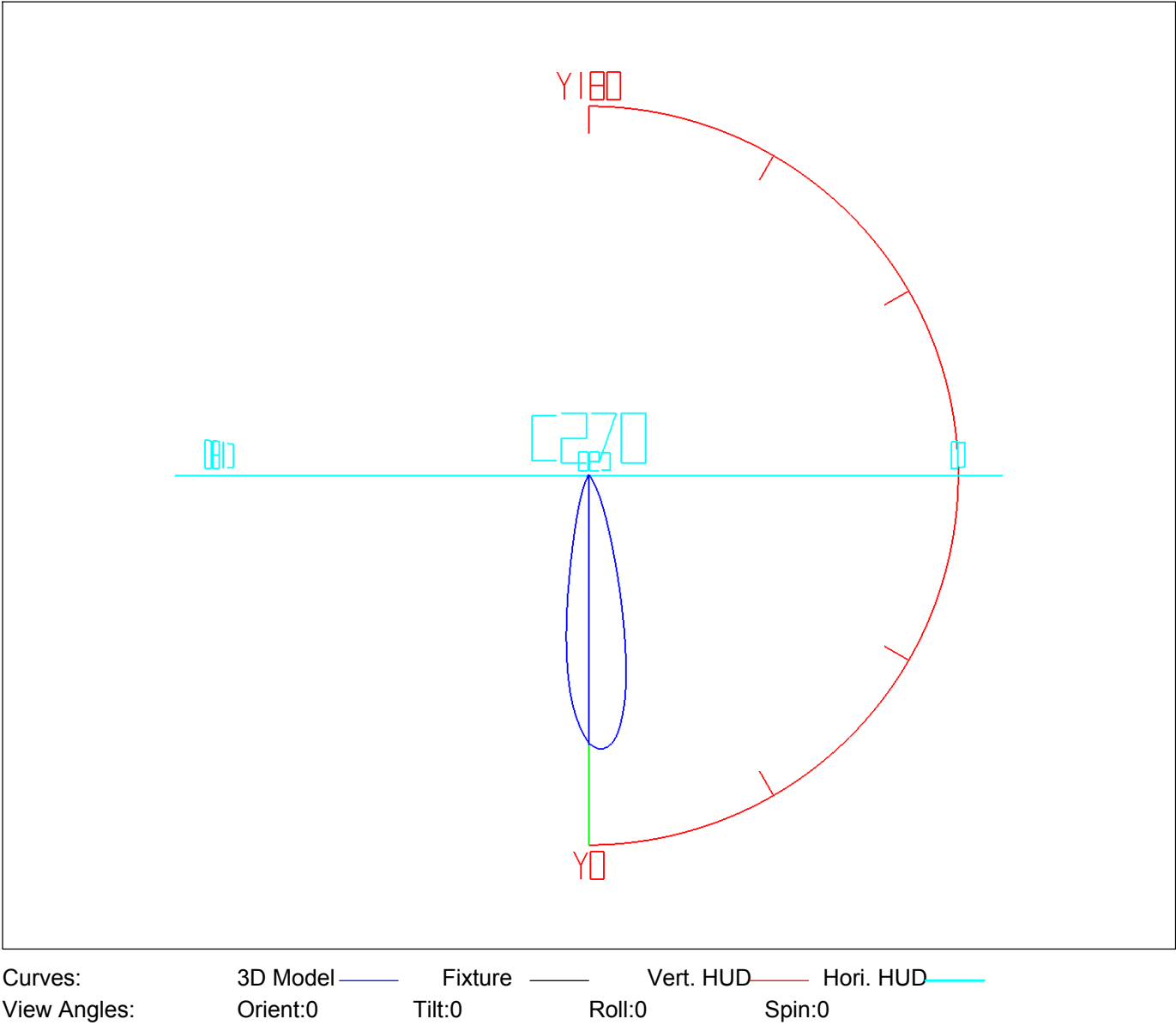
Lum. Name: TR04-15-XX-01 3000K RA90 24D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/07/09



3D Light Intensity Distribution Modal

Lum. Name:TR04-15-XX-01 3000K 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



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	4.79	4.79	0.38	0.38	47.0-48.0	3.10	1108.90	0.24	86.90
1.0-2.0	14.24	19.03	1.12	1.49	48.0-49.0	3.01	1111.91	0.24	87.14
2.0-3.0	23.33	42.35	1.83	3.32	49.0-50.0	2.92	1114.83	0.23	87.37
3.0-4.0	31.82	74.18	2.49	5.81	50.0-51.0	2.85	1117.68	0.22	87.59
4.0-5.0	39.54	113.72	3.10	8.91	51.0-52.0	2.79	1120.47	0.22	87.81
5.0-6.0	46.22	159.94	3.62	12.53	52.0-53.0	2.74	1123.22	0.22	88.03
6.0-7.0	51.62	211.56	4.05	16.58	53.0-54.0	2.70	1125.92	0.21	88.24
7.0-8.0	55.62	267.18	4.36	20.94	54.0-55.0	2.66	1128.58	0.21	88.45
8.0-9.0	58.19	325.37	4.56	25.50	55.0-56.0	2.63	1131.21	0.21	88.65
9.0-10.0	59.28	384.65	4.65	30.14	56.0-57.0	2.60	1133.81	0.20	88.86
10.0-11.0	58.90	443.55	4.62	34.76	57.0-58.0	2.56	1136.37	0.20	89.06
11.0-12.0	57.25	500.80	4.49	39.25	58.0-59.0	2.53	1138.90	0.20	89.26
12.0-13.0	54.62	555.41	4.28	43.53	59.0-60.0	2.50	1141.39	0.20	89.45
13.0-14.0	51.24	606.65	4.02	47.54	60.0-61.0	2.46	1143.85	0.19	89.64
14.0-15.0	47.41	654.07	3.72	51.26	61.0-62.0	2.42	1146.27	0.19	89.83
15.0-16.0	43.40	697.46	3.40	54.66	62.0-63.0	2.38	1148.65	0.19	90.02
16.0-17.0	39.42	736.88	3.09	57.75	63.0-64.0	2.34	1150.99	0.18	90.20
17.0-18.0	35.70	772.59	2.80	60.55	64.0-65.0	2.29	1153.28	0.18	90.38
18.0-19.0	32.37	804.96	2.54	63.08	65.0-66.0	2.25	1155.53	0.18	90.56
19.0-20.0	29.41	834.37	2.31	65.39	66.0-67.0	2.21	1157.74	0.17	90.73
20.0-21.0	26.76	861.13	2.10	67.49	67.0-68.0	2.16	1159.90	0.17	90.90
21.0-22.0	24.34	885.47	1.91	69.39	68.0-69.0	2.12	1162.02	0.17	91.07
22.0-23.0	22.12	907.58	1.73	71.13	69.0-70.0	2.07	1164.09	0.16	91.23
23.0-24.0	20.06	927.64	1.57	72.70	70.0-71.0	2.03	1166.12	0.16	91.39
24.0-25.0	18.16	945.80	1.42	74.12	71.0-72.0	1.98	1168.10	0.16	91.54
25.0-26.0	16.42	962.22	1.29	75.41	72.0-73.0	1.94	1170.04	0.15	91.70
26.0-27.0	14.84	977.06	1.16	76.57	73.0-74.0	1.90	1171.94	0.15	91.85
27.0-28.0	13.40	990.47	1.05	77.62	74.0-75.0	1.86	1173.80	0.15	91.99
28.0-29.0	12.10	1002.56	0.95	78.57	75.0-76.0	1.82	1175.62	0.14	92.13
29.0-30.0	10.90	1013.46	0.85	79.42	76.0-77.0	1.78	1177.39	0.14	92.27
30.0-31.0	9.82	1023.28	0.77	80.19	77.0-78.0	1.74	1179.13	0.14	92.41
31.0-32.0	8.87	1032.16	0.70	80.89	78.0-79.0	1.70	1180.83	0.13	92.54
32.0-33.0	8.05	1040.21	0.63	81.52	79.0-80.0	1.66	1182.49	0.13	92.67
33.0-34.0	7.32	1047.52	0.57	82.09	80.0-81.0	1.62	1184.11	0.13	92.80
34.0-35.0	6.66	1054.18	0.52	82.62	81.0-82.0	1.59	1185.70	0.12	92.92
35.0-36.0	6.08	1060.26	0.48	83.09	82.0-83.0	1.55	1187.25	0.12	93.04
36.0-37.0	5.58	1065.84	0.44	83.53	83.0-84.0	1.51	1188.77	0.12	93.16
37.0-38.0	5.15	1070.98	0.40	83.93	84.0-85.0	1.48	1190.25	0.12	93.28
38.0-39.0	4.78	1075.76	0.37	84.31	85.0-86.0	1.45	1191.69	0.11	93.39
39.0-40.0	4.46	1080.23	0.35	84.66	86.0-87.0	1.42	1193.11	0.11	93.50
40.0-41.0	4.20	1084.42	0.33	84.99	87.0-88.0	1.39	1194.50	0.11	93.61
41.0-42.0	3.97	1088.40	0.31	85.30	88.0-89.0	1.37	1195.86	0.11	93.72
42.0-43.0	3.78	1092.18	0.30	85.59	89.0-90.0	1.34	1197.21	0.11	93.82
43.0-44.0	3.62	1095.80	0.28	85.88	90.0-91.0	1.32	1198.53	0.10	93.93
44.0-45.0	3.47	1099.26	0.27	86.15	91.0-92.0	1.31	1199.84	0.10	94.03
45.0-46.0	3.33	1102.59	0.26	86.41	92.0-93.0	1.30	1201.14	0.10	94.13
46.0-47.0	3.21	1105.80	0.25	86.66	93.0-94.0	1.29	1202.43	0.10	94.23

IES Indoor Report

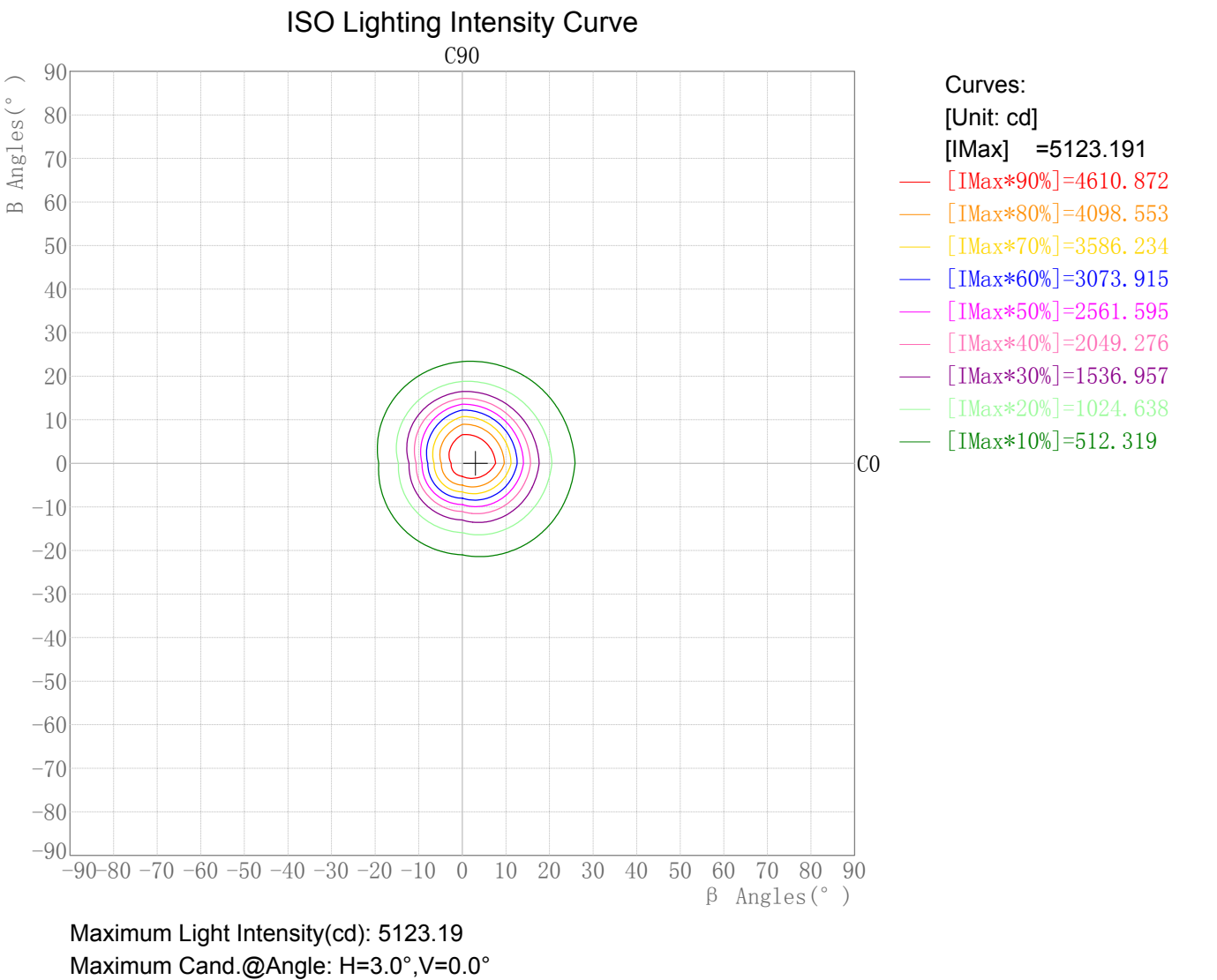
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Zonal Flux Tabulation - (Cont.)

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	1.28	1203.70	0.10	94.33	141.0-142.0	0.95	1254.10	0.07	98.28
95.0-96.0	1.27	1204.97	0.10	94.43	142.0-143.0	0.95	1255.05	0.07	98.36
96.0-97.0	1.26	1206.23	0.10	94.53	143.0-144.0	0.95	1256.00	0.07	98.43
97.0-98.0	1.25	1207.47	0.10	94.63	144.0-145.0	0.94	1256.94	0.07	98.51
98.0-99.0	1.24	1208.71	0.10	94.73	145.0-146.0	0.93	1257.87	0.07	98.58
99.0-100.0	1.23	1209.94	0.10	94.82	146.0-147.0	0.92	1258.80	0.07	98.65
100.0-101.0	1.22	1211.16	0.10	94.92	147.0-148.0	0.91	1259.71	0.07	98.72
101.0-102.0	1.21	1212.37	0.09	95.01	148.0-149.0	0.90	1260.61	0.07	98.79
102.0-103.0	1.20	1213.57	0.09	95.11	149.0-150.0	0.89	1261.50	0.07	98.86
103.0-104.0	1.19	1214.76	0.09	95.20	150.0-151.0	0.88	1262.38	0.07	98.93
104.0-105.0	1.19	1215.95	0.09	95.29	151.0-152.0	0.86	1263.24	0.07	99.00
105.0-106.0	1.18	1217.12	0.09	95.39	152.0-153.0	0.84	1264.08	0.07	99.07
106.0-107.0	1.17	1218.29	0.09	95.48	153.0-154.0	0.82	1264.90	0.06	99.13
107.0-108.0	1.16	1219.45	0.09	95.57	154.0-155.0	0.80	1265.69	0.06	99.19
108.0-109.0	1.15	1220.60	0.09	95.66	155.0-156.0	0.77	1266.47	0.06	99.25
109.0-110.0	1.14	1221.74	0.09	95.75	156.0-157.0	0.75	1267.22	0.06	99.31
110.0-111.0	1.13	1222.87	0.09	95.84	157.0-158.0	0.72	1267.94	0.06	99.37
111.0-112.0	1.12	1224.00	0.09	95.92	158.0-159.0	0.70	1268.64	0.05	99.42
112.0-113.0	1.11	1225.11	0.09	96.01	159.0-160.0	0.67	1269.30	0.05	99.48
113.0-114.0	1.10	1226.21	0.09	96.10	160.0-161.0	0.64	1269.94	0.05	99.53
114.0-115.0	1.09	1227.30	0.09	96.18	161.0-162.0	0.61	1270.55	0.05	99.57
115.0-116.0	1.08	1228.38	0.08	96.27	162.0-163.0	0.58	1271.13	0.05	99.62
116.0-117.0	1.07	1229.46	0.08	96.35	163.0-164.0	0.55	1271.67	0.04	99.66
117.0-118.0	1.06	1230.52	0.08	96.44	164.0-165.0	0.51	1272.19	0.04	99.70
118.0-119.0	1.05	1231.57	0.08	96.52	165.0-166.0	0.48	1272.67	0.04	99.74
119.0-120.0	1.04	1232.61	0.08	96.60	166.0-167.0	0.45	1273.12	0.04	99.77
120.0-121.0	1.03	1233.65	0.08	96.68	167.0-168.0	0.42	1273.54	0.03	99.81
121.0-122.0	1.02	1234.67	0.08	96.76	168.0-169.0	0.38	1273.92	0.03	99.84
122.0-123.0	1.01	1235.68	0.08	96.84	169.0-170.0	0.35	1274.27	0.03	99.86
123.0-124.0	1.00	1236.69	0.08	96.92	170.0-171.0	0.32	1274.59	0.02	99.89
124.0-125.0	1.00	1237.68	0.08	97.00	171.0-172.0	0.28	1274.87	0.02	99.91
125.0-126.0	0.99	1238.67	0.08	97.07	172.0-173.0	0.25	1275.12	0.02	99.93
126.0-127.0	0.98	1239.66	0.08	97.15	173.0-174.0	0.22	1275.34	0.02	99.95
127.0-128.0	0.98	1240.64	0.08	97.23	174.0-175.0	0.18	1275.52	0.01	99.96
128.0-129.0	0.97	1241.61	0.08	97.30	175.0-176.0	0.15	1275.67	0.01	99.97
129.0-130.0	0.97	1242.58	0.08	97.38	176.0-177.0	0.12	1275.79	0.01	99.98
130.0-131.0	0.96	1243.54	0.08	97.46	177.0-178.0	0.08	1275.87	0.01	99.99
131.0-132.0	0.96	1244.51	0.08	97.53	178.0-179.0	0.05	1275.92	0.00	99.99
132.0-133.0	0.96	1245.47	0.08	97.61	179.0-180.0	0.02	1275.94	0.00	99.99
133.0-134.0	0.96	1246.43	0.08	97.68					
134.0-135.0	0.96	1247.39	0.08	97.76					
135.0-136.0	0.96	1248.35	0.08	97.83					
136.0-137.0	0.96	1249.31	0.08	97.91					
137.0-138.0	0.96	1250.27	0.08	97.98					
138.0-139.0	0.96	1251.23	0.08	98.06					
139.0-140.0	0.96	1252.19	0.08	98.13					
140.0-141.0	0.96	1253.14	0.07	98.21					

Rectangle ISO Lighting Intensity Diagram

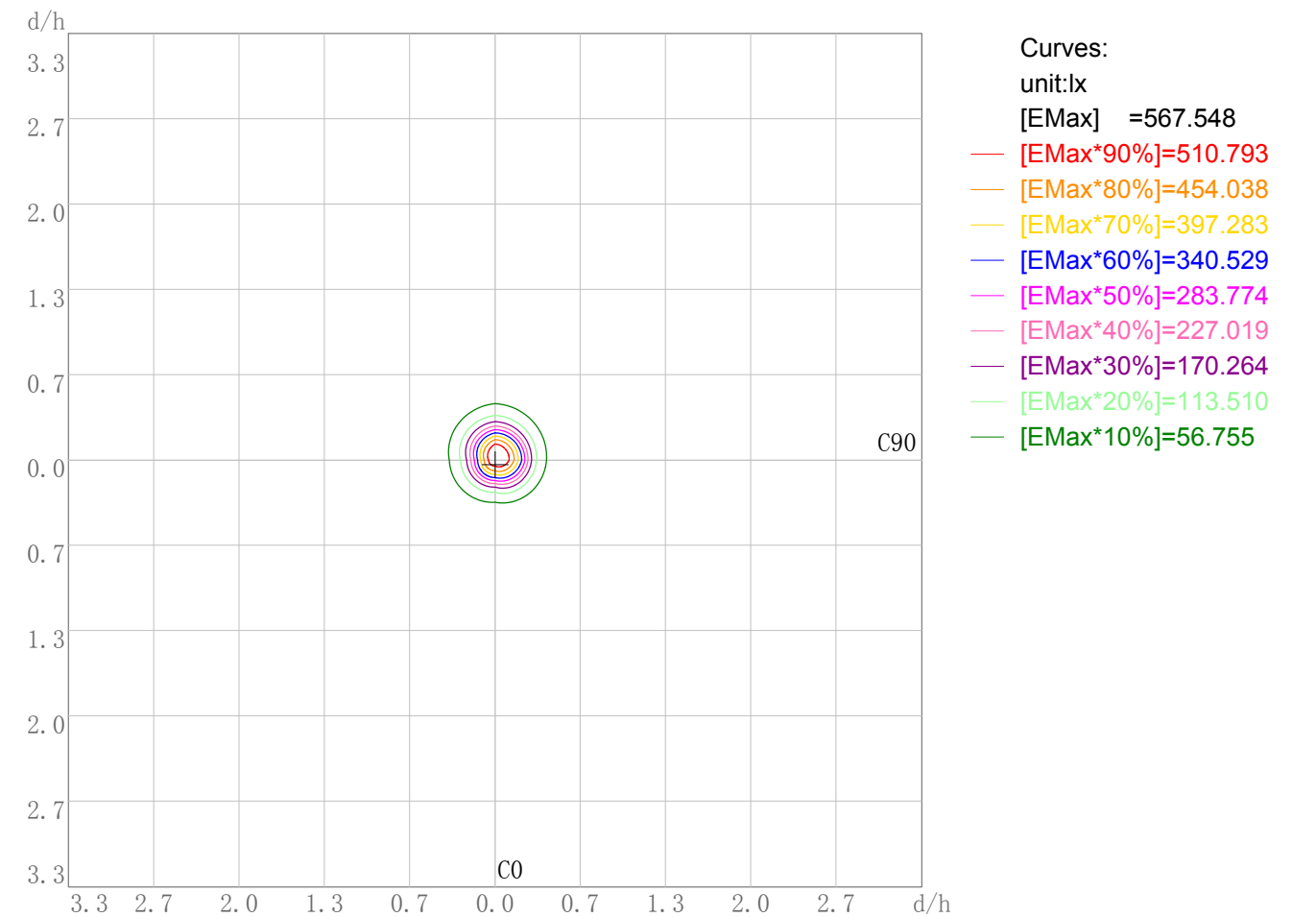
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Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/07/09



Plane ISO-Illuminance Diagram

Lum. Name:TR04-15-XX-01 3000K 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): 567.55

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

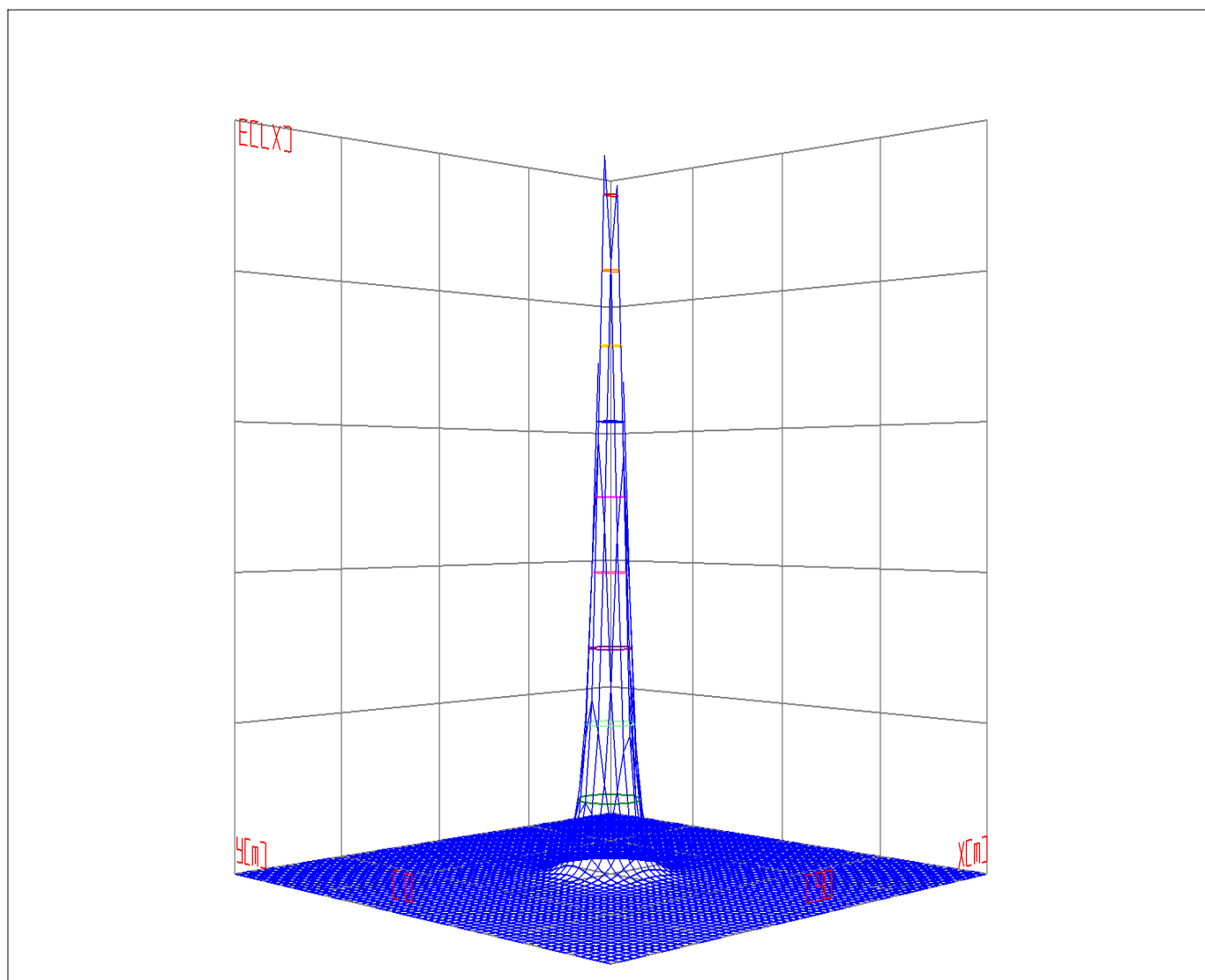
IES Indoor Report

Photometric Filename:TR04-15-XX-01 3000K RA90 24D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: TR04-15-XX-01 3000K 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

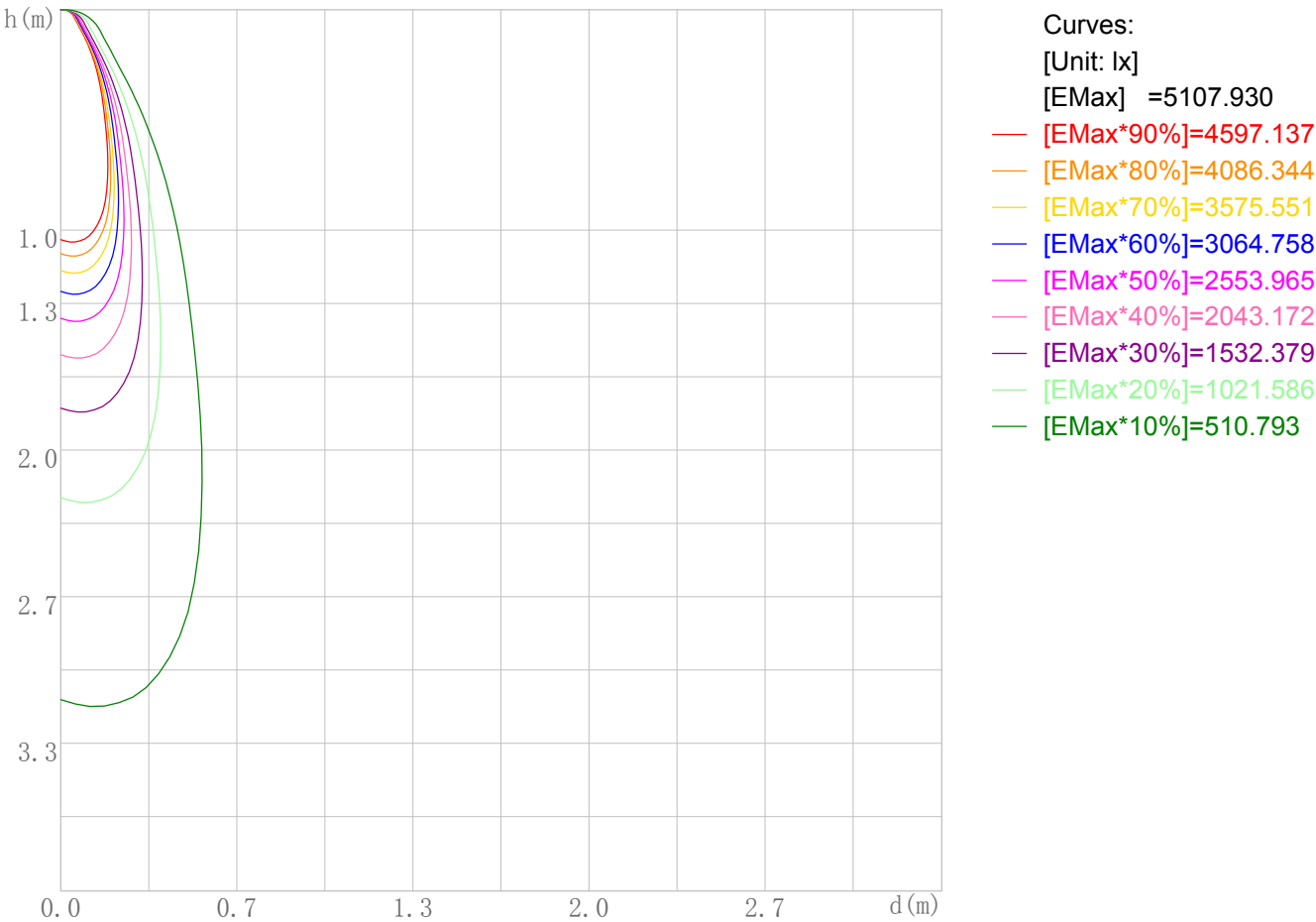


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: TR04-15-XX-01 3000K 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

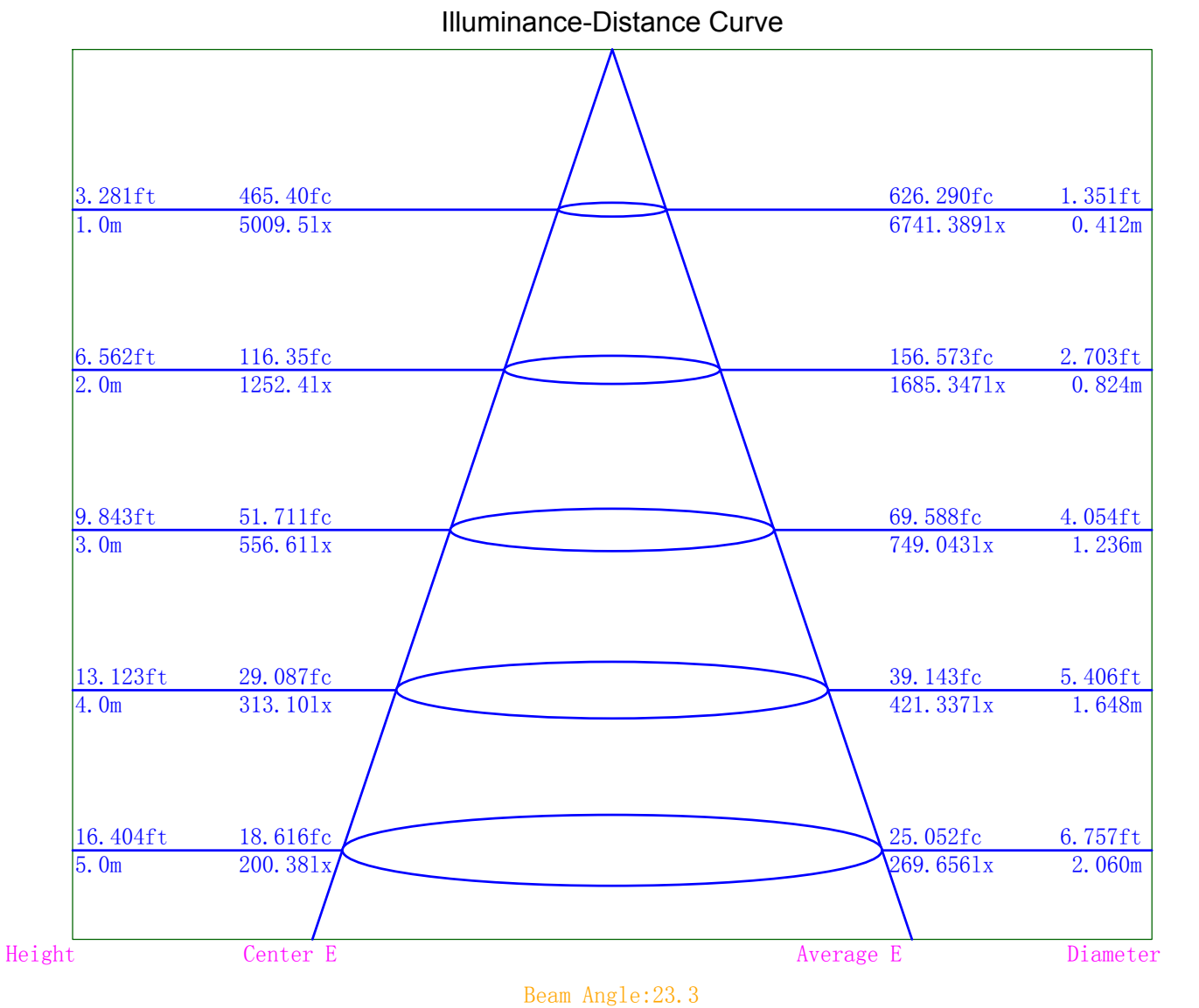
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:5107.93lx,2.0deg
Plane Maximum Lighting Intensity and @Angle:5123.191cd,0deg

Illuminance-Distance Diagram

Lum. Name:TR04-15-XX-01 3000K 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



Indoor Luminance Limiting Curves

Lum. Name: TR04-15-XX-01 3000K 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

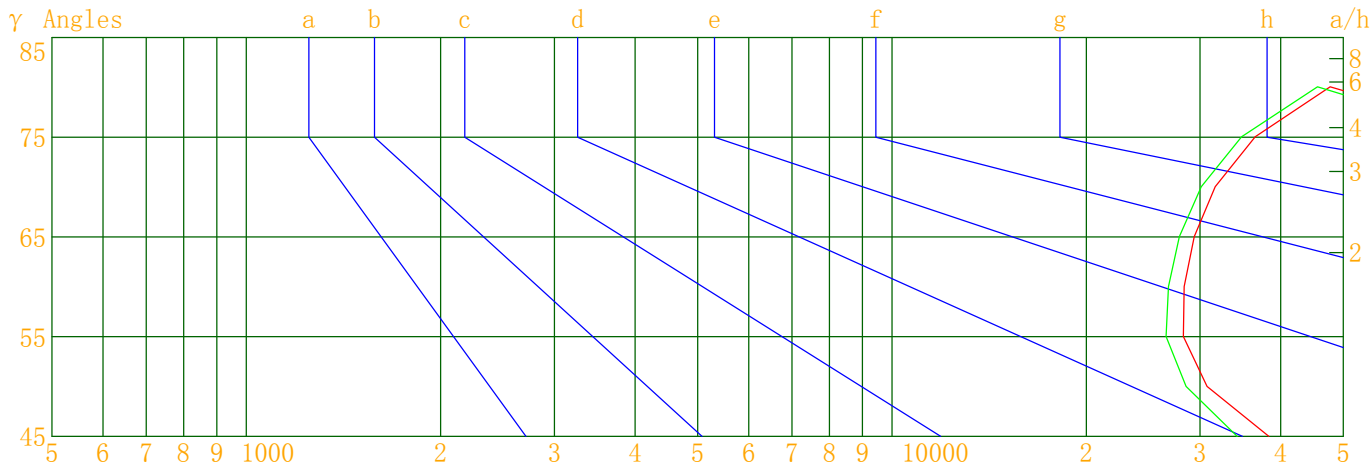
Glare Grade Table

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	38344	30757	28274	28354	29379	31671	36530	47722	84421
C90	34237	28540	26585	26810	27873	30132	34806	45610	80424

Luminance Limiting Curve



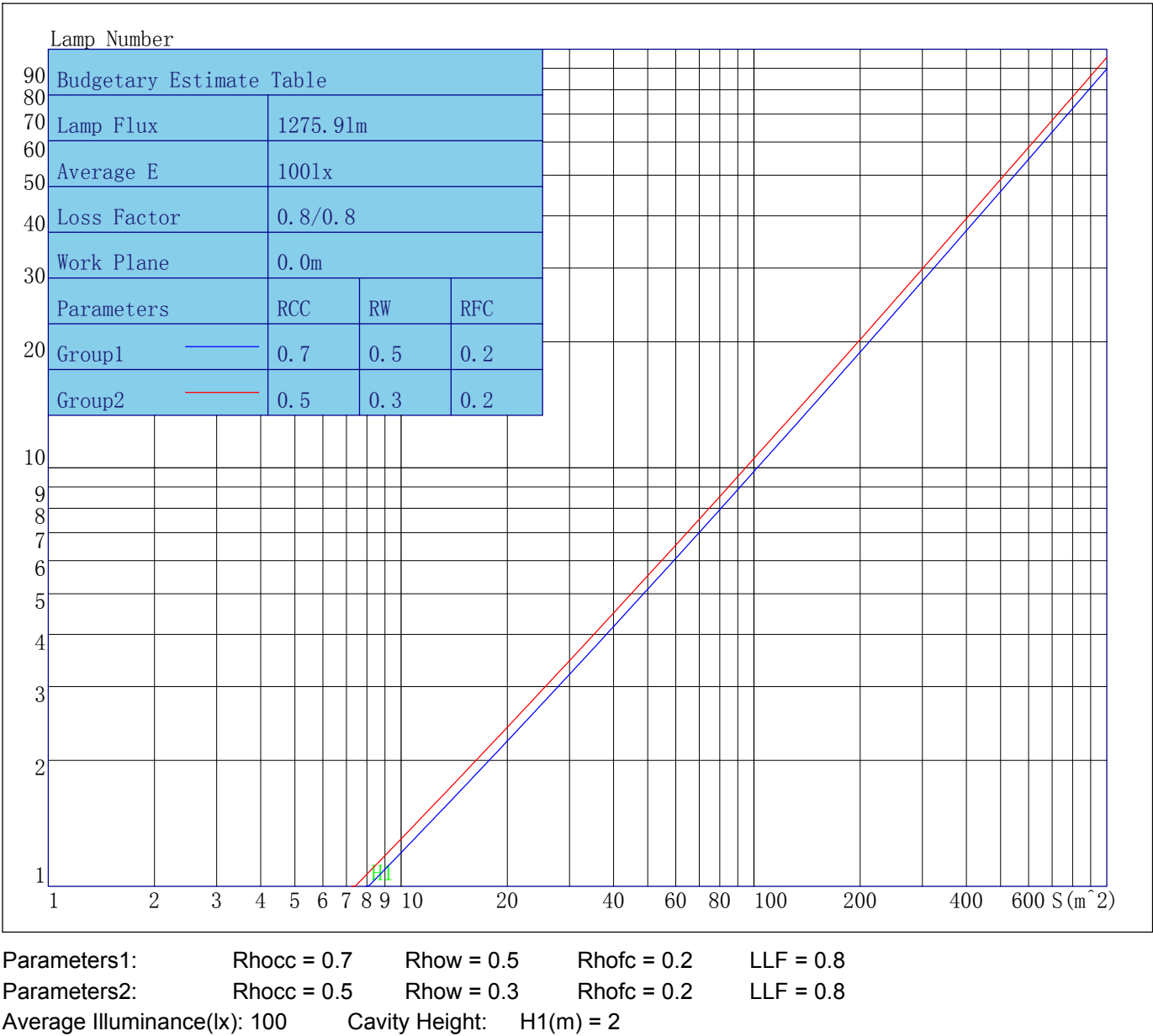
Luminous Size: Length(m)=0.000 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963

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 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 Coefficient of Utilization Table

Lum. Name: TR04-15-XX-01 3000K 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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	94
1	112	109	107	105	109	106	104	102	101	100	98	97	95	94	92	91	90	88
2	107	102	99	95	104	100	97	94	96	93	91	92	90	88	89	87	85	84
3	103	97	92	89	100	95	91	88	92	88	85	88	86	83	85	83	81	80
4	99	92	87	83	96	90	86	83	88	84	81	85	82	79	82	80	78	76
5	95	88	83	79	93	86	82	78	84	80	77	82	79	76	80	77	75	73
6	92	84	79	75	90	83	78	75	81	77	74	79	76	73	77	74	72	71
7	88	81	76	72	87	80	75	72	78	74	71	76	73	70	75	72	70	68
8	86	78	73	69	84	77	72	69	75	71	69	74	71	68	73	70	67	66
9	83	75	70	67	82	74	70	67	73	69	66	72	68	66	71	68	65	64
10	80	73	68	65	79	72	68	65	71	67	64	70	66	64	69	66	63	62

Unified Glare Rating Table

Lum. Name:TR04-15-XX-01 3000K 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	19.0	20.0	19.5	20.5	20.9	18.3	19.3	18.8	19.8	20.2
	20.5	21.4	21.0	21.8	22.4	20.0	20.8	20.4	21.3	21.8
	21.4	22.2	21.9	22.7	23.3	20.9	21.8	21.5	22.2	22.8
	22.5	23.3	23.0	23.8	24.3	22.1	22.8	22.6	23.3	23.9
	23.1	23.9	23.7	24.4	24.9	22.7	23.5	23.3	24.0	24.5
	23.9	24.6	24.5	25.1	25.7	23.5	24.2	24.1	24.7	25.3
X=4H Y=2H	19.4	20.3	20.0	20.7	21.3	18.8	19.7	19.4	20.2	20.7
	21.2	21.9	21.8	22.4	23.0	20.8	21.5	21.3	22.0	22.6
	22.4	23.0	22.9	23.5	24.1	22.0	22.6	22.5	23.1	23.7
	23.7	24.2	24.3	24.8	25.4	23.3	23.9	23.9	24.4	25.1
	24.5	25.0	25.0	25.5	26.1	24.1	24.6	24.7	25.2	25.8
	25.4	25.8	26.0	26.4	27.0	25.0	25.5	25.6	26.1	26.7
X=8H Y=4H	22.8	23.3	23.4	23.9	24.5	22.4	22.9	23.0	23.5	24.1
	24.4	24.8	25.0	25.4	26.1	24.1	24.5	24.7	25.1	25.8
	25.4	25.7	26.0	26.4	27.0	25.0	25.4	25.7	26.0	26.7
	26.5	26.9	27.1	27.5	28.2	26.2	26.5	26.8	27.1	27.9
X=12H Y=4H	22.9	23.3	23.5	23.9	24.5	22.5	23.0	23.1	23.6	24.2
	24.6	25.0	25.2	25.6	26.2	24.3	24.7	24.9	25.3	25.9
	25.7	26.0	26.3	26.6	27.3	25.4	25.7	26.0	26.3	27.0
Variations with the objverver position at spacings										
S=1.0H	0.0/-0.0					0.1/-0.1				
S=1.5H	0.1/-0.1					0.1/-0.2				
S=2.0H	0.1/-0.1					0.1/-0.1				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	4.6					4.8				

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	5009.52	5009.52	5009.52	5009.52
γ 1.0	5074.55	5078.23	4873.11	4942.75
γ 2.0	5117.28	5083.25	4715.29	4803.95
γ 3.0	5123.19	5036.27	4526.67	4609.52
γ 4.0	5090.03	4960.27	4311.16	4372.60
γ 5.0	5028.47	4855.38	4049.00	4095.23
γ 6.0	4912.86	4715.01	3745.21	3778.96
γ 7.0	4745.33	4534.37	3409.35	3425.93
γ 8.0	4534.04	4322.47	3043.29	3071.77
γ 9.0	4286.73	4089.11	2655.04	2716.78
γ 10.0	3990.73	3815.19	2268.06	2380.32
γ 11.0	3652.68	3504.68	1902.82	2063.73
γ 12.0	3290.61	3161.55	1592.97	1780.71
γ 13.0	2922.63	2784.43	1338.73	1537.05
γ 14.0	2572.84	2391.64	1133.08	1332.20
γ 15.0	2245.08	2016.95	964.65	1158.34
γ 16.0	1948.13	1678.52	825.13	1009.72
γ 17.0	1680.69	1393.15	708.59	881.50
γ 18.0	1450.54	1168.26	608.85	770.05
γ 19.0	1259.16	988.84	524.55	672.18
γ 20.0	1099.30	844.43	452.80	586.91
γ 21.0	962.30	724.95	390.89	512.10
γ 22.0	845.65	624.15	337.60	446.83
γ 23.0	742.34	538.90	291.69	388.72
γ 24.0	652.05	466.24	251.43	338.04
γ 25.0	571.61	405.33	216.75	292.97
γ 26.0	501.85	352.81	187.24	254.17
γ 27.0	439.75	307.52	162.79	220.68
γ 28.0	384.82	268.39	142.29	191.58
γ 29.0	336.17	233.87	125.74	166.41
γ 30.0	293.29	203.86	111.33	144.19
γ 31.0	255.94	179.03	98.73	125.49
γ 32.0	223.65	158.73	87.93	109.57
γ 33.0	196.42	141.72	78.79	96.03
γ 34.0	171.70	126.55	71.06	84.72
γ 35.0	150.48	113.03	64.41	75.27
γ 36.0	132.72	101.22	59.13	67.52
γ 37.0	116.59	91.03	54.77	61.39
γ 38.0	103.11	82.01	51.35	56.49
γ 39.0	91.59	74.52	48.42	52.56
γ 40.0	81.79	67.94	45.81	49.30
γ 41.0	73.88	62.49	43.74	46.44
γ 42.0	67.29	57.91	41.79	44.00
γ 43.0	61.87	54.06	39.97	41.71
γ 44.0	57.15	50.59	38.26	39.64
γ 45.0	53.24	47.53	36.70	37.62
γ 46.0	49.90	44.74	35.18	35.73

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	46.67	42.19	33.80	34.27
γ 48.0	43.90	39.99	32.75	33.08
γ 49.0	41.21	37.95	31.79	32.31
γ 50.0	38.82	36.02	31.00	31.50
γ 51.0	36.76	34.38	30.20	30.82
γ 52.0	35.19	32.99	29.57	30.15
γ 53.0	33.99	31.94	28.90	29.57
γ 54.0	32.89	30.80	28.22	28.94
γ 55.0	31.84	29.94	27.68	28.42
γ 56.0	30.94	29.07	27.09	27.88
γ 57.0	30.04	28.32	26.51	27.25
γ 58.0	29.22	27.52	25.91	26.69
γ 59.0	28.55	26.98	25.37	26.07
γ 60.0	27.84	26.32	24.73	25.44
γ 61.0	27.08	25.61	24.00	24.90
γ 62.0	26.47	24.97	23.53	24.24
γ 63.0	25.80	24.33	22.84	23.70
γ 64.0	25.06	23.76	22.20	22.98
γ 65.0	24.38	23.13	21.60	22.35
γ 66.0	23.73	22.53	20.95	21.66
γ 67.0	23.19	22.02	20.35	21.13
γ 68.0	22.51	21.40	19.73	20.49
γ 69.0	21.86	20.77	19.19	19.97
γ 70.0	21.27	20.24	18.71	19.45
γ 71.0	20.68	19.69	18.12	18.86
γ 72.0	20.10	19.19	17.64	18.31
γ 73.0	19.61	18.66	17.05	17.83
γ 74.0	19.08	18.16	16.67	17.32
γ 75.0	18.56	17.69	16.17	16.85
γ 76.0	18.16	17.29	15.75	16.39
γ 77.0	17.62	16.80	15.36	16.04
γ 78.0	17.16	16.35	14.94	15.55
γ 79.0	16.74	15.90	14.55	15.14
γ 80.0	16.27	15.55	14.15	14.77
γ 81.0	15.96	15.20	13.79	14.45
γ 82.0	15.47	14.75	13.51	14.09
γ 83.0	15.10	14.37	13.15	13.70
γ 84.0	14.83	13.99	12.75	13.32
γ 85.0	14.45	13.76	12.37	13.03
γ 86.0	14.07	13.35	12.22	12.73
γ 87.0	13.71	13.04	11.89	12.48
γ 88.0	13.42	12.74	11.78	12.31
γ 89.0	13.10	12.40	11.70	12.19
γ 90.0	12.79	12.15	11.62	12.02
γ 91.0	12.66	11.90	11.49	11.94
γ 92.0	12.51	11.80	11.46	11.88
γ 93.0	12.38	11.73	11.32	11.80

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	12.22	11.65	11.28	11.66
γ 95.0	12.21	11.60	11.19	11.55
γ 96.0	12.10	11.59	11.11	11.51
γ 97.0	12.04	11.53	11.05	11.41
γ 98.0	11.97	11.49	10.95	11.31
γ 99.0	11.83	11.36	10.97	11.25
γ 100.0	11.81	11.38	10.93	11.34
γ 101.0	11.74	11.27	10.88	11.14
γ 102.0	11.65	11.29	10.89	11.11
γ 103.0	11.65	11.23	10.83	11.15
γ 104.0	11.55	11.22	10.89	11.10
γ 105.0	11.54	11.13	10.82	11.05
γ 106.0	11.51	11.08	10.81	11.02
γ 107.0	11.42	11.07	10.78	11.04
γ 108.0	11.41	10.97	10.82	11.05
γ 109.0	11.41	11.03	10.81	10.97
γ 110.0	11.34	11.00	10.88	11.01
γ 111.0	11.31	10.96	10.83	10.97
γ 112.0	11.23	10.88	10.83	10.98
γ 113.0	11.26	10.82	10.85	10.95
γ 114.0	11.19	10.86	10.83	10.96
γ 115.0	11.08	10.82	10.86	11.01
γ 116.0	11.01	10.78	10.90	10.96
γ 117.0	11.06	10.67	10.94	11.04
γ 118.0	11.01	10.75	10.93	10.97
γ 119.0	10.91	10.68	10.96	11.06
γ 120.0	10.91	10.63	11.08	11.10
γ 121.0	10.89	10.74	11.14	11.07
γ 122.0	10.80	10.67	11.14	11.13
γ 123.0	10.80	10.65	11.21	11.23
γ 124.0	10.76	10.65	11.39	11.20
γ 125.0	10.72	10.67	11.45	11.32
γ 126.0	10.74	10.69	11.55	11.42
γ 127.0	10.86	10.82	11.74	11.52
γ 128.0	10.84	10.83	11.84	11.61
γ 129.0	10.89	10.90	12.07	11.78
γ 130.0	10.98	10.99	12.16	11.90
γ 131.0	10.98	11.12	12.35	12.11
γ 132.0	11.13	11.23	12.59	12.26
γ 133.0	11.33	11.38	12.87	12.55
γ 134.0	11.36	11.53	12.99	12.79
γ 135.0	11.61	11.75	13.19	12.97
γ 136.0	11.68	11.90	13.52	13.22
γ 137.0	11.85	12.17	13.82	13.48
γ 138.0	12.10	12.33	14.07	13.85
γ 139.0	12.27	12.51	14.40	14.05
γ 140.0	12.49	12.81	14.73	14.32

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	12.82	13.05	14.94	14.53
γ 142.0	13.06	13.30	15.28	14.83
γ 143.0	13.34	13.62	15.47	15.13
γ 144.0	13.58	13.81	15.73	15.40
γ 145.0	13.89	14.14	15.98	15.67
γ 146.0	14.11	14.39	16.24	15.87
γ 147.0	14.35	14.68	16.49	16.08
γ 148.0	14.68	15.00	16.61	16.31
γ 149.0	14.98	15.21	16.83	16.49
γ 150.0	15.21	15.46	17.11	16.79
γ 151.0	15.49	15.74	17.18	16.85
γ 152.0	15.78	15.93	17.28	17.03
γ 153.0	15.99	16.05	17.47	17.08
γ 154.0	16.18	16.32	17.53	17.22
γ 155.0	16.36	16.47	17.70	17.28
γ 156.0	16.58	16.67	17.68	17.38
γ 157.0	16.74	16.85	17.72	17.43
γ 158.0	16.93	16.95	17.79	17.45
γ 159.0	17.04	16.96	17.79	17.56
γ 160.0	17.13	17.08	17.84	17.57
γ 161.0	17.16	17.17	17.89	17.56
γ 162.0	17.34	17.21	17.89	17.63
γ 163.0	17.44	17.27	17.89	17.63
γ 164.0	17.51	17.25	17.86	17.66
γ 165.0	17.46	17.39	17.83	17.62
γ 166.0	17.59	17.45	17.79	17.55
γ 167.0	17.61	17.36	17.74	17.53
γ 168.0	17.63	17.46	17.71	17.44
γ 169.0	17.64	17.43	17.65	17.46
γ 170.0	17.58	17.47	17.60	17.45
γ 171.0	17.60	17.46	17.54	17.32
γ 172.0	17.60	17.45	17.51	17.25
γ 173.0	17.57	17.33	17.44	17.30
γ 174.0	17.49	17.31	17.36	17.20
γ 175.0	17.52	17.31	17.42	17.32
γ 176.0	17.48	17.27	17.34	17.28
γ 177.0	17.40	17.34	17.38	17.29
γ 178.0	17.38	17.33	17.39	17.31
γ 179.0	17.40	17.30	17.47	17.35
γ 180.0	17.36	17.36	17.36	17.36