

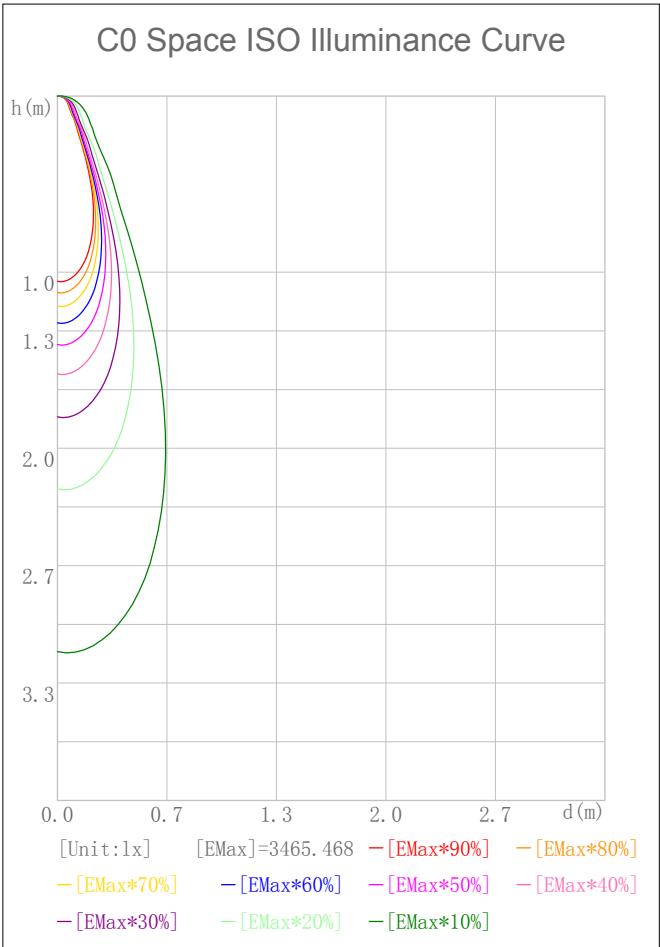
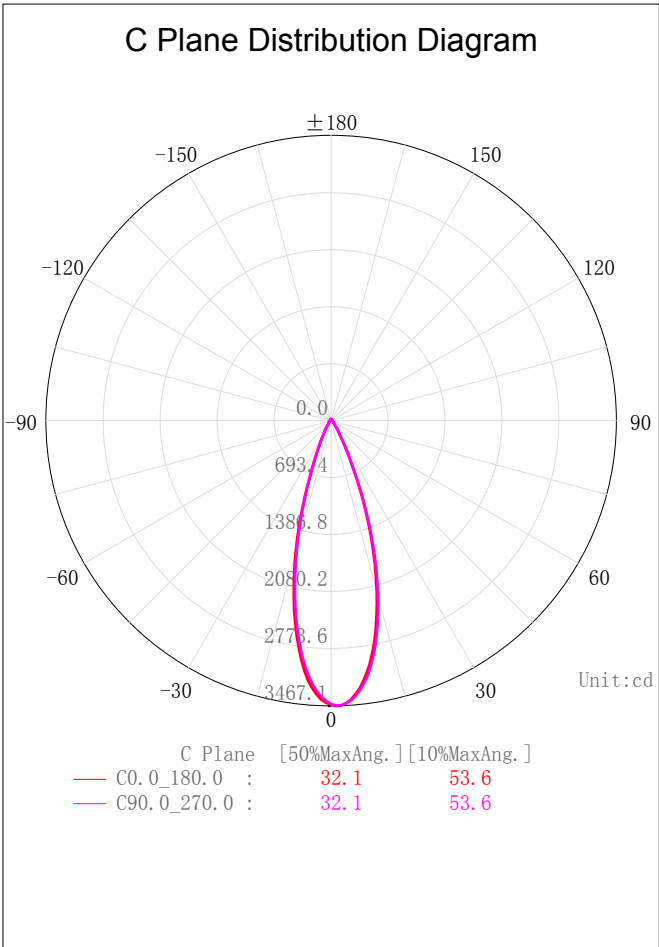
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR04-15-XX-01 4000K RA90 36D		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

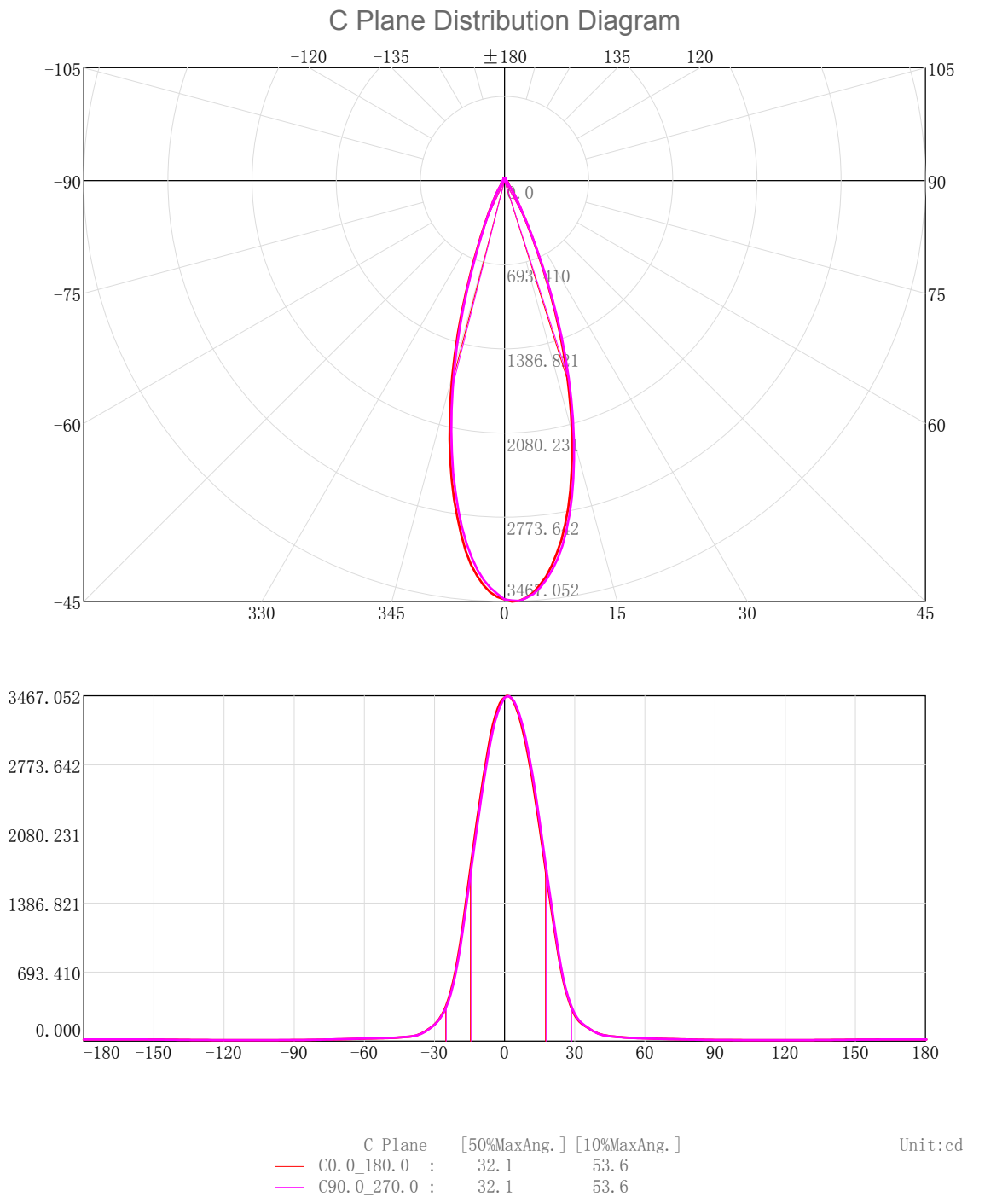
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1322.490	Luminary Flux(lm): 1322.494	Field Angle(10%Imax): 53.6(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1243.110lm 94.00%	
Rated Voltage(V):	Luminary EER(lm/W): 90.458	Up Lumens&Percent: 79.383lm 6.00%	
Tested Power(W): 14.620	Max. Candela(cd): 3467.052	S/MH: C0_a180=0.535 C90_270=0.534	
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): 32.1(°)	ErP ϕ use(90°): 1145.564lm	
Lamp Size (W*L*H):0.050m*0.000m*0.000m	Left=-14.6°, Right=17.5°	IRF(%): 580.392	



2D Plane Light Intensity Distribution Curve

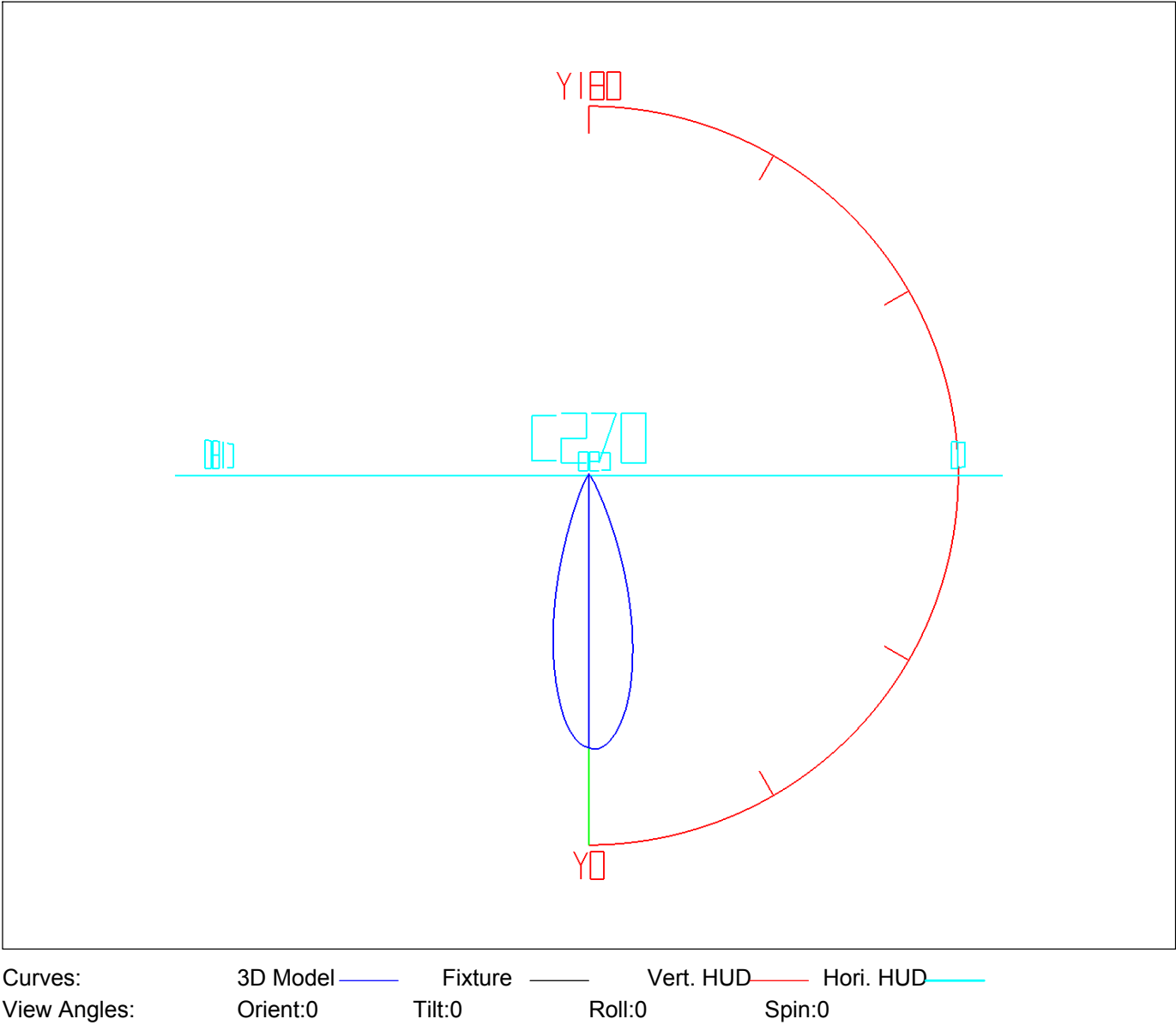
Lum. Name: TR04-15-XX-01 4000K RA90 36D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/07/09



3D Light Intensity Distribution Modal

Lum. Name:TR04-15-XX-01 4000K RA90 36D	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 4000K RA90 36D.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	3.30	3.30	0.25	0.25	47.0-48.0	3.19	1150.02	0.24	86.96
1.0-2.0	9.84	13.14	0.74	0.99	48.0-49.0	3.13	1153.15	0.24	87.20
2.0-3.0	16.25	29.39	1.23	2.22	49.0-50.0	3.08	1156.23	0.23	87.43
3.0-4.0	22.42	51.82	1.70	3.92	50.0-51.0	3.01	1159.23	0.23	87.66
4.0-5.0	28.27	80.09	2.14	6.06	51.0-52.0	2.95	1162.18	0.22	87.88
5.0-6.0	33.70	113.78	2.55	8.60	52.0-53.0	2.90	1165.08	0.22	88.10
6.0-7.0	38.62	152.40	2.92	11.52	53.0-54.0	2.86	1167.94	0.22	88.31
7.0-8.0	42.97	195.37	3.25	14.77	54.0-55.0	2.83	1170.77	0.21	88.53
8.0-9.0	46.74	242.11	3.53	18.31	55.0-56.0	2.79	1173.56	0.21	88.74
9.0-10.0	49.86	291.97	3.77	22.08	56.0-57.0	2.75	1176.31	0.21	88.95
10.0-11.0	52.26	344.24	3.95	26.03	57.0-58.0	2.72	1179.04	0.21	89.15
11.0-12.0	53.93	398.16	4.08	30.11	58.0-59.0	2.69	1181.72	0.20	89.36
12.0-13.0	54.82	452.99	4.15	34.25	59.0-60.0	2.65	1184.38	0.20	89.56
13.0-14.0	54.99	507.98	4.16	38.41	60.0-61.0	2.61	1186.99	0.20	89.75
14.0-15.0	54.50	562.47	4.12	42.53	61.0-62.0	2.57	1189.56	0.19	89.95
15.0-16.0	53.31	615.78	4.03	46.56	62.0-63.0	2.53	1192.10	0.19	90.14
16.0-17.0	51.42	667.20	3.89	50.45	63.0-64.0	2.49	1194.59	0.19	90.33
17.0-18.0	48.91	716.11	3.70	54.15	64.0-65.0	2.45	1197.04	0.18	90.51
18.0-19.0	45.88	761.99	3.47	57.62	65.0-66.0	2.40	1199.44	0.18	90.70
19.0-20.0	42.46	804.45	3.21	60.83	66.0-67.0	2.35	1201.79	0.18	90.87
20.0-21.0	38.83	843.28	2.94	63.76	67.0-68.0	2.30	1204.09	0.17	91.05
21.0-22.0	35.14	878.43	2.66	66.42	68.0-69.0	2.25	1206.34	0.17	91.22
22.0-23.0	31.44	909.86	2.38	68.80	69.0-70.0	2.20	1208.55	0.17	91.38
23.0-24.0	27.82	937.68	2.10	70.90	70.0-71.0	2.16	1210.71	0.16	91.55
24.0-25.0	24.44	962.12	1.85	72.75	71.0-72.0	2.11	1212.82	0.16	91.71
25.0-26.0	21.41	983.53	1.62	74.37	72.0-73.0	2.06	1214.88	0.16	91.86
26.0-27.0	18.76	1002.29	1.42	75.79	73.0-74.0	2.01	1216.89	0.15	92.02
27.0-28.0	16.45	1018.74	1.24	77.03	74.0-75.0	1.97	1218.86	0.15	92.16
28.0-29.0	14.46	1033.19	1.09	78.12	75.0-76.0	1.92	1220.78	0.15	92.31
29.0-30.0	12.74	1045.93	0.96	79.09	76.0-77.0	1.87	1222.65	0.14	92.45
30.0-31.0	11.31	1057.24	0.85	79.94	77.0-78.0	1.83	1224.48	0.14	92.59
31.0-32.0	10.15	1067.39	0.77	80.71	78.0-79.0	1.78	1226.26	0.13	92.72
32.0-33.0	9.18	1076.57	0.69	81.41	79.0-80.0	1.74	1228.00	0.13	92.86
33.0-34.0	8.35	1084.92	0.63	82.04	80.0-81.0	1.70	1229.69	0.13	92.98
34.0-35.0	7.58	1092.51	0.57	82.61	81.0-82.0	1.65	1231.34	0.12	93.11
35.0-36.0	6.86	1099.37	0.52	83.13	82.0-83.0	1.61	1232.95	0.12	93.23
36.0-37.0	6.19	1105.56	0.47	83.60	83.0-84.0	1.56	1234.51	0.12	93.35
37.0-38.0	5.59	1111.15	0.42	84.02	84.0-85.0	1.52	1236.03	0.11	93.46
38.0-39.0	5.07	1116.22	0.38	84.40	85.0-86.0	1.48	1237.51	0.11	93.57
39.0-40.0	4.64	1120.86	0.35	84.75	86.0-87.0	1.44	1238.96	0.11	93.68
40.0-41.0	4.29	1125.15	0.32	85.08	87.0-88.0	1.41	1240.37	0.11	93.79
41.0-42.0	4.02	1129.17	0.30	85.38	88.0-89.0	1.38	1241.75	0.10	93.89
42.0-43.0	3.81	1132.98	0.29	85.67	89.0-90.0	1.36	1243.11	0.10	94.00
43.0-44.0	3.66	1136.63	0.28	85.95	90.0-91.0	1.34	1244.45	0.10	94.10
44.0-45.0	3.53	1140.16	0.27	86.21	91.0-92.0	1.32	1245.77	0.10	94.20
45.0-46.0	3.40	1143.56	0.26	86.47	92.0-93.0	1.31	1247.08	0.10	94.30
46.0-47.0	3.28	1146.83	0.25	86.72	93.0-94.0	1.30	1248.38	0.10	94.40

IES Indoor Report

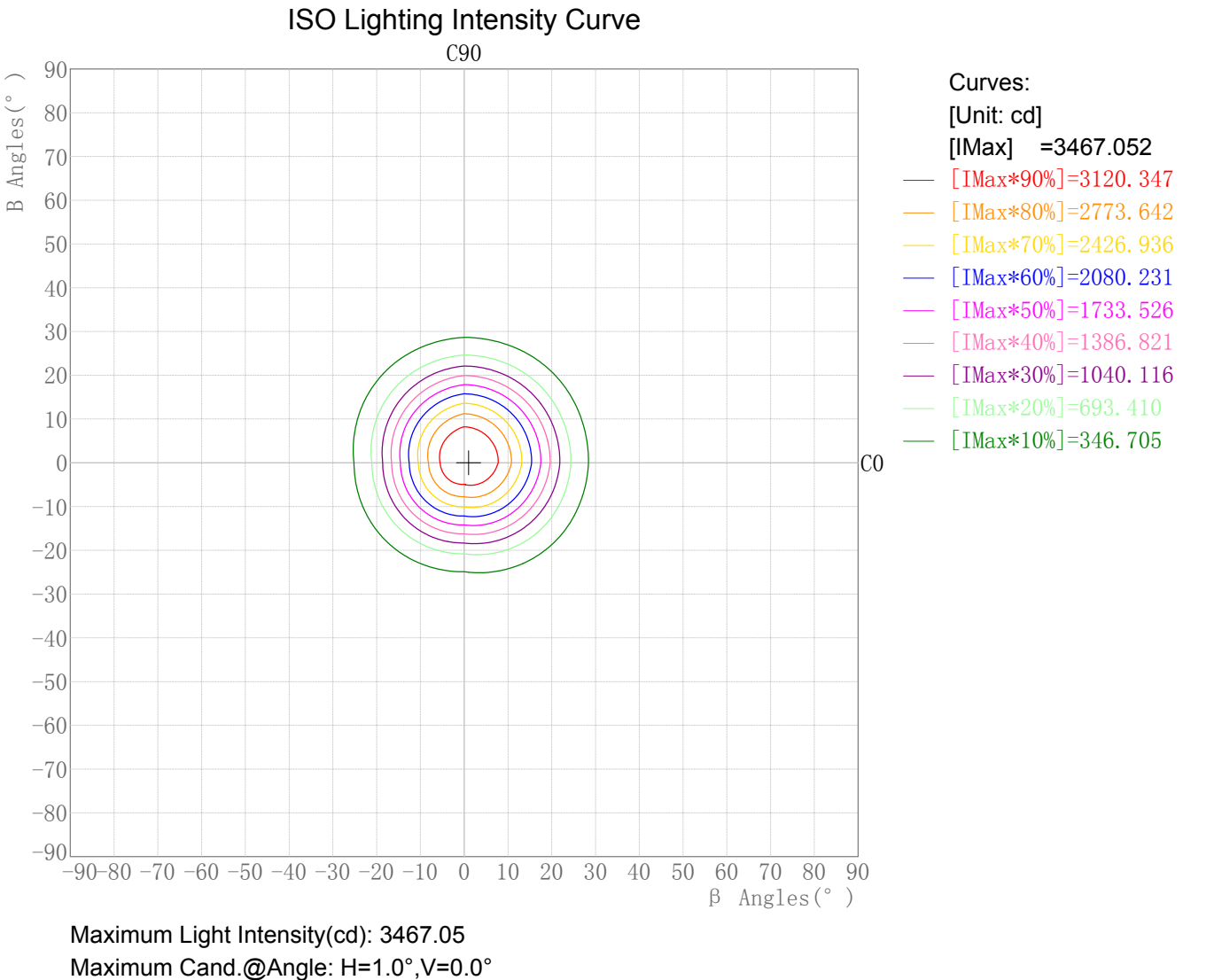
Photometric Filename:TR04-15-XX-01 4000K RA90 36D.IES

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	1.29	1249.67	0.10	94.49	141.0-142.0	0.96	1300.53	0.07	98.34
95.0-96.0	1.28	1250.96	0.10	94.59	142.0-143.0	0.96	1301.49	0.07	98.41
96.0-97.0	1.27	1252.23	0.10	94.69	143.0-144.0	0.95	1302.44	0.07	98.48
97.0-98.0	1.26	1253.49	0.10	94.78	144.0-145.0	0.94	1303.38	0.07	98.56
98.0-99.0	1.25	1254.73	0.09	94.88	145.0-146.0	0.93	1304.32	0.07	98.63
99.0-100.0	1.24	1255.98	0.09	94.97	146.0-147.0	0.93	1305.24	0.07	98.70
100.0-101.0	1.23	1257.21	0.09	95.06	147.0-148.0	0.92	1306.16	0.07	98.76
101.0-102.0	1.22	1258.43	0.09	95.16	148.0-149.0	0.90	1307.06	0.07	98.83
102.0-103.0	1.21	1259.64	0.09	95.25	149.0-150.0	0.89	1307.95	0.07	98.90
103.0-104.0	1.20	1260.84	0.09	95.34	150.0-151.0	0.87	1308.82	0.07	98.97
104.0-105.0	1.19	1262.03	0.09	95.43	151.0-152.0	0.86	1309.68	0.06	99.03
105.0-106.0	1.18	1263.21	0.09	95.52	152.0-153.0	0.84	1310.52	0.06	99.10
106.0-107.0	1.17	1264.38	0.09	95.61	153.0-154.0	0.82	1311.34	0.06	99.16
107.0-108.0	1.16	1265.54	0.09	95.69	154.0-155.0	0.80	1312.14	0.06	99.22
108.0-109.0	1.15	1266.69	0.09	95.78	155.0-156.0	0.78	1312.92	0.06	99.28
109.0-110.0	1.14	1267.83	0.09	95.87	156.0-157.0	0.75	1313.67	0.06	99.33
110.0-111.0	1.13	1268.96	0.09	95.95	157.0-158.0	0.73	1314.40	0.05	99.39
111.0-112.0	1.12	1270.08	0.08	96.04	158.0-159.0	0.70	1315.10	0.05	99.44
112.0-113.0	1.11	1271.19	0.08	96.12	159.0-160.0	0.67	1315.77	0.05	99.49
113.0-114.0	1.10	1272.29	0.08	96.20	160.0-161.0	0.64	1316.42	0.05	99.54
114.0-115.0	1.09	1273.38	0.08	96.29	161.0-162.0	0.62	1317.03	0.05	99.59
115.0-116.0	1.08	1274.47	0.08	96.37	162.0-163.0	0.58	1317.62	0.04	99.63
116.0-117.0	1.07	1275.54	0.08	96.45	163.0-164.0	0.55	1318.17	0.04	99.67
117.0-118.0	1.06	1276.60	0.08	96.53	164.0-165.0	0.52	1318.69	0.04	99.71
118.0-119.0	1.06	1277.66	0.08	96.61	165.0-166.0	0.49	1319.18	0.04	99.75
119.0-120.0	1.05	1278.70	0.08	96.69	166.0-167.0	0.45	1319.63	0.03	99.78
120.0-121.0	1.04	1279.74	0.08	96.77	167.0-168.0	0.42	1320.06	0.03	99.82
121.0-122.0	1.03	1280.77	0.08	96.85	168.0-169.0	0.39	1320.44	0.03	99.85
122.0-123.0	1.02	1281.79	0.08	96.92	169.0-170.0	0.35	1320.80	0.03	99.87
123.0-124.0	1.02	1282.81	0.08	97.00	170.0-171.0	0.32	1321.12	0.02	99.90
124.0-125.0	1.01	1283.82	0.08	97.08	171.0-172.0	0.29	1321.41	0.02	99.92
125.0-126.0	1.01	1284.83	0.08	97.15	172.0-173.0	0.25	1321.66	0.02	99.94
126.0-127.0	1.00	1285.83	0.08	97.23	173.0-174.0	0.22	1321.88	0.02	99.95
127.0-128.0	1.00	1286.83	0.08	97.30	174.0-175.0	0.19	1322.07	0.01	99.97
128.0-129.0	0.99	1287.82	0.08	97.38	175.0-176.0	0.15	1322.22	0.01	99.98
129.0-130.0	0.99	1288.81	0.07	97.45	176.0-177.0	0.12	1322.34	0.01	99.99
130.0-131.0	0.99	1289.80	0.07	97.53	177.0-178.0	0.09	1322.43	0.01	100.00
131.0-132.0	0.99	1290.78	0.07	97.60	178.0-179.0	0.05	1322.48	0.00	100.00
132.0-133.0	0.98	1291.77	0.07	97.68	179.0-180.0	0.02	1322.49	0.00	100.00
133.0-134.0	0.98	1292.75	0.07	97.75					
134.0-135.0	0.98	1293.73	0.07	97.83					
135.0-136.0	0.98	1294.71	0.07	97.90					
136.0-137.0	0.98	1295.69	0.07	97.97					
137.0-138.0	0.98	1296.66	0.07	98.05					
138.0-139.0	0.97	1297.63	0.07	98.12					
139.0-140.0	0.97	1298.60	0.07	98.19					
140.0-141.0	0.97	1299.57	0.07	98.27					

Rectangle ISO Lighting Intensity Diagram

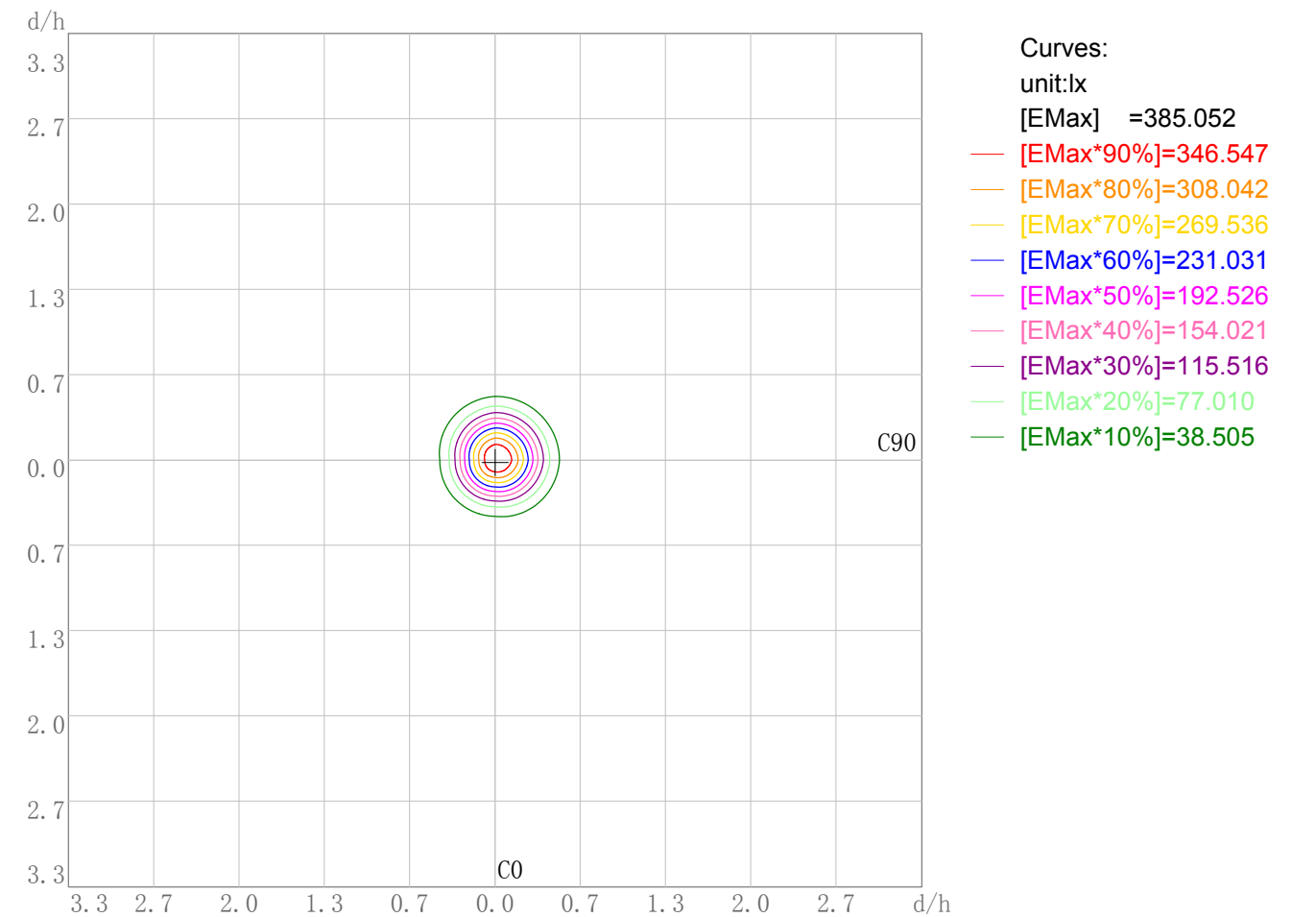
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Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2020/07/09



Plane ISO-Illuminance Diagram

Lum. Name:TR04-15-XX-01 4000K RA90 36D	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): 385.05

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

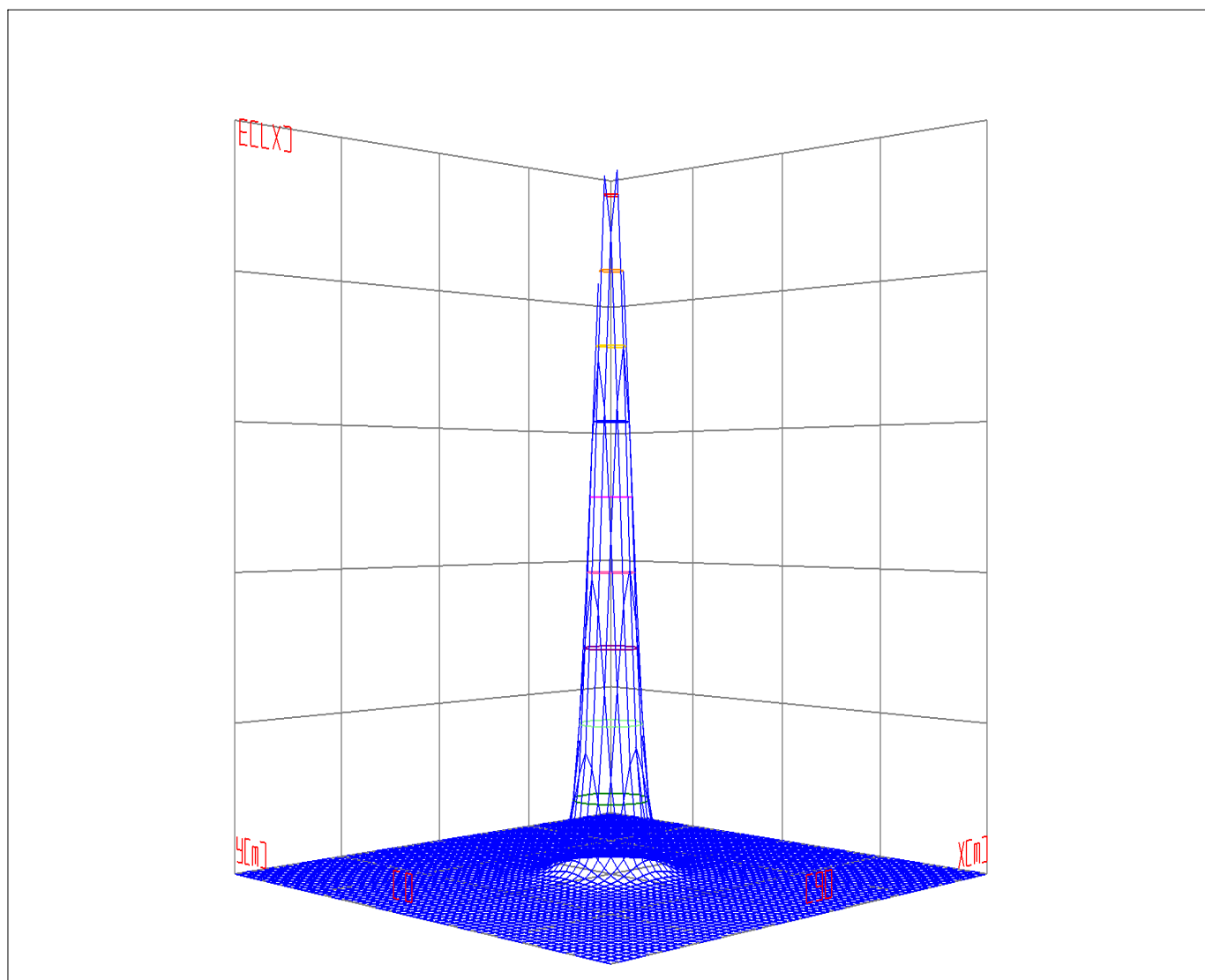
IES Indoor Report

Photometric Filename:TR04-15-XX-01 4000K RA90 36D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: TR04-15-XX-01 4000K RA90 36D	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

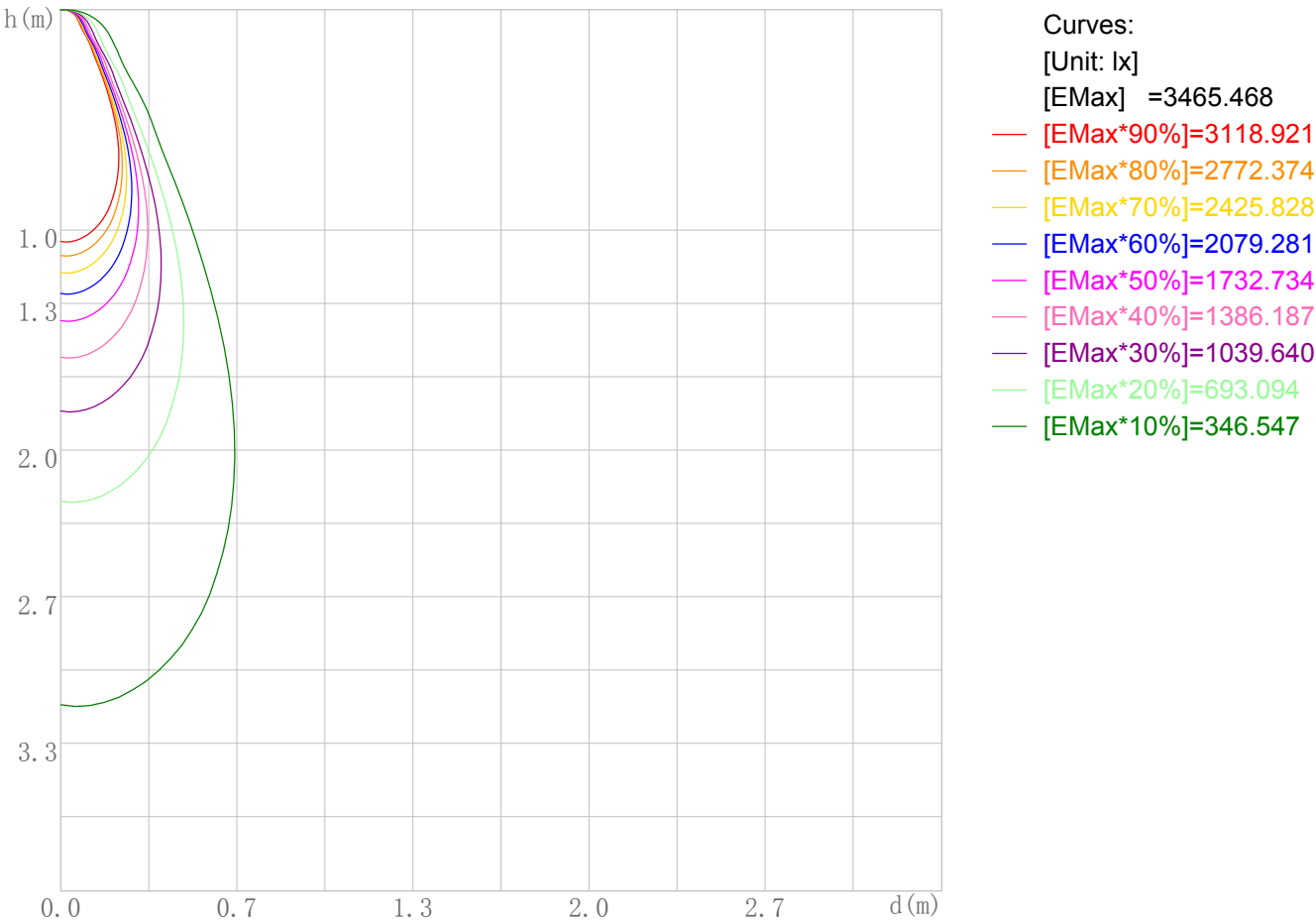


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: TR04-15-XX-01 4000K RA90 36D	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

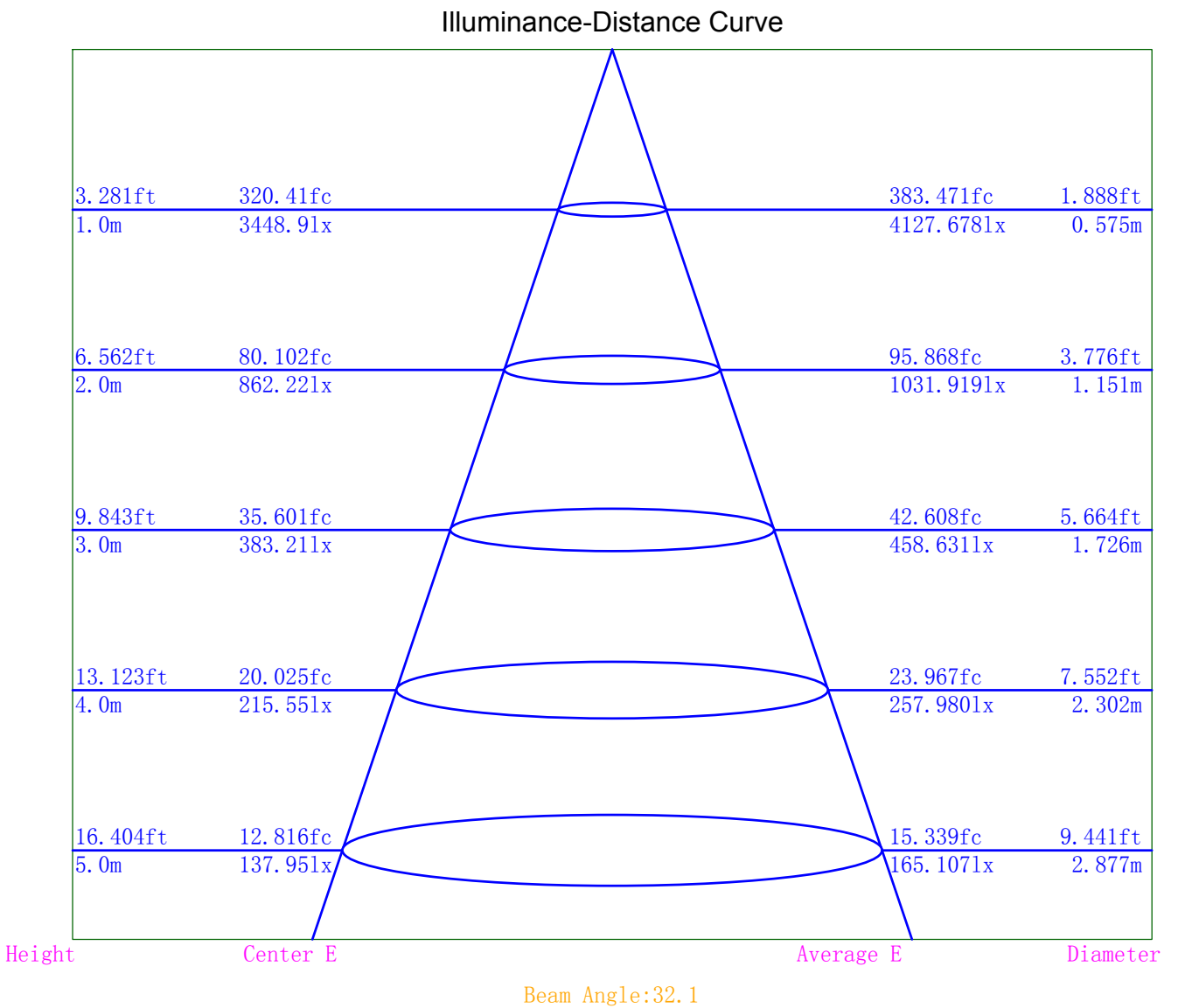
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:3465.47lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:3467.052cd,0deg

Illuminance-Distance Diagram

Lum. Name:TR04-15-XX-01 4000K RA90 36D	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 4000K RA90 36D	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

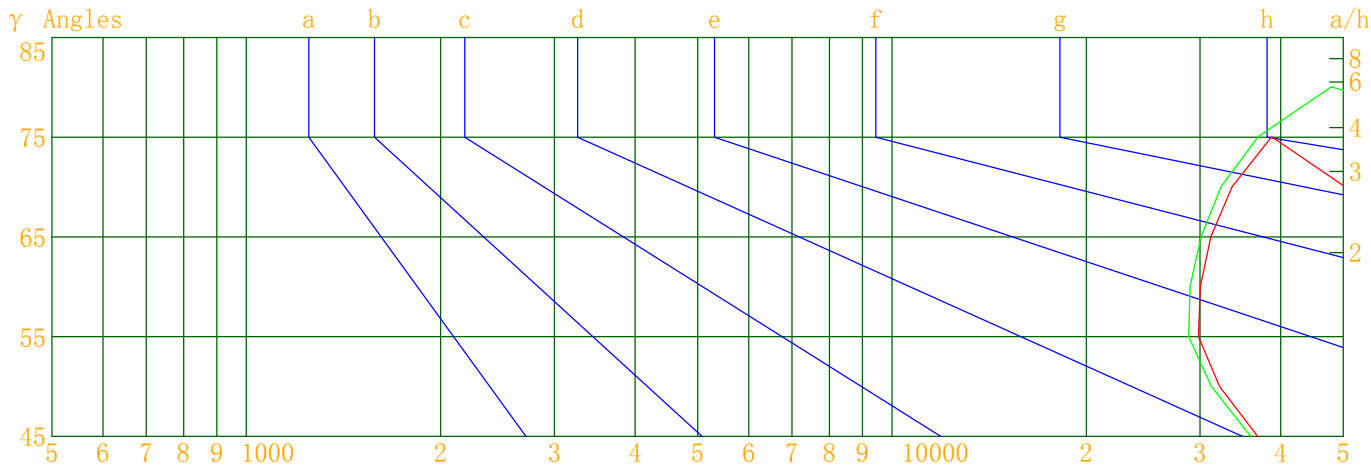
Glare Grade Table

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	36831	32155	29823	30024	31176	33652	38737	50244	86578
C90	35938	31233	28801	28962	30111	32347	36904	47906	82604

Luminance Limiting Curve



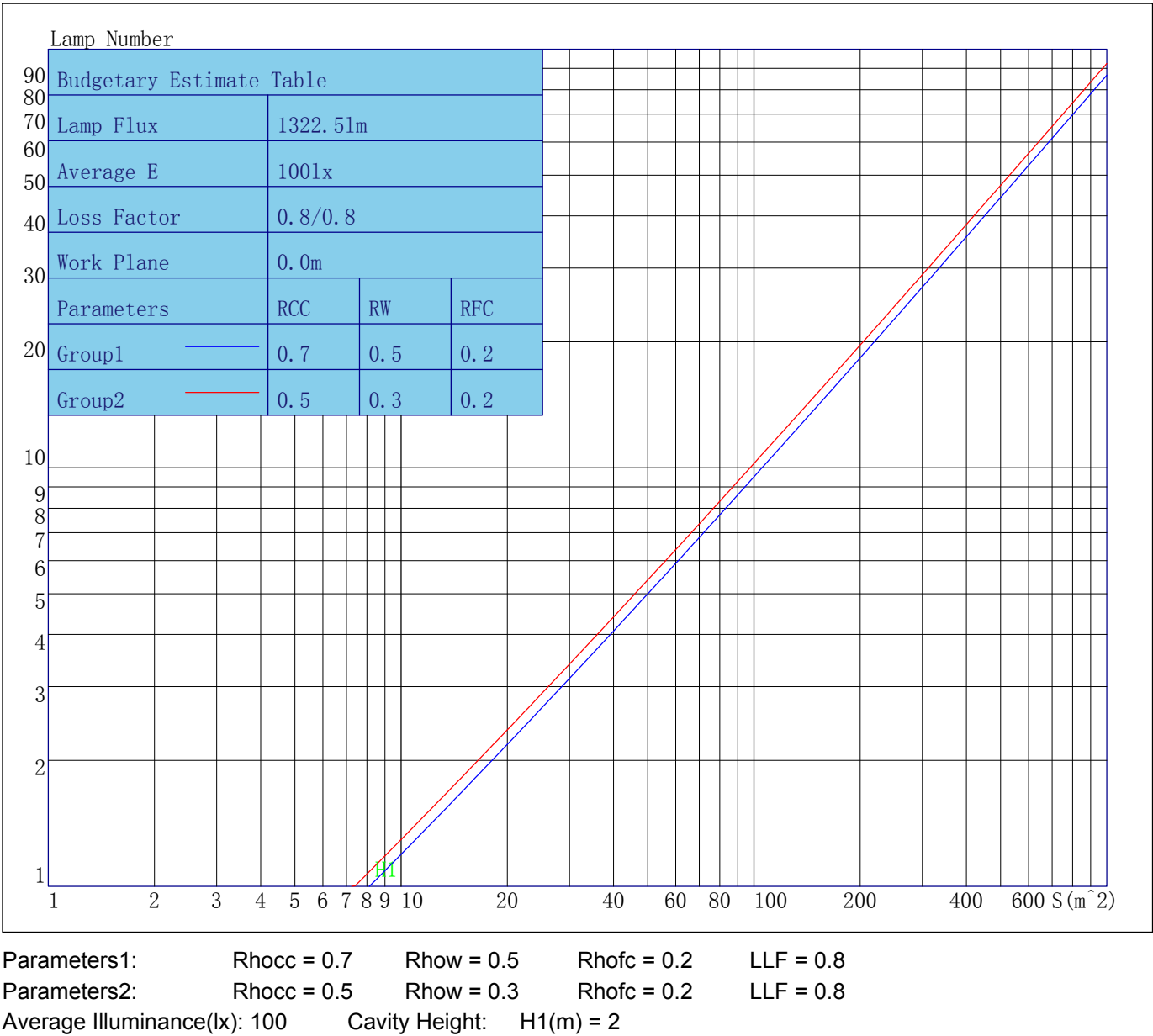
Luminous Size: Length(m)=0.000 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963

Luminous Type: Without Luminous Side

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

Indoor Budgetary Estimate Table

Lum. Name: TR04-15-XX-01 4000K RA90 36D	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 4000K RA90 36D	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	109	106	104	109	106	104	102	101	99	98	96	95	94	92	91	90	88
2	107	102	98	95	104	100	96	93	95	93	90	92	89	87	88	86	85	83
3	102	96	91	87	99	94	90	86	91	87	84	87	85	82	84	82	80	78
4	98	91	86	82	95	89	84	81	86	82	79	84	80	78	81	78	76	75
5	94	86	81	77	92	85	80	76	82	78	75	80	77	74	78	75	73	71
6	90	82	77	73	88	81	76	72	79	75	71	77	73	71	75	72	70	68
7	87	78	73	69	85	78	73	69	76	71	68	74	70	68	73	69	67	65
8	83	75	70	66	82	74	69	66	73	69	65	71	68	65	70	67	64	63
9	81	72	67	64	79	72	67	63	70	66	63	69	65	62	68	64	62	61
10	78	69	65	61	77	69	64	61	68	63	61	67	63	60	66	62	60	59

Unified Glare Rating Table

Lum. Name:TR04-15-XX-01 4000K RA90 36D	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	19.1	20.0	19.5	20.5	20.9	19.0	19.9	19.5	20.4	20.8
	20.7	21.5	21.2	22.0	22.5	20.5	21.4	21.0	21.8	22.3
	21.6	22.4	22.1	22.9	23.4	21.4	22.2	22.0	22.7	23.2
	22.7	23.5	23.3	24.0	24.5	22.5	23.2	23.1	23.7	24.3
	23.4	24.1	23.9	24.6	25.1	23.1	23.8	23.7	24.3	24.9
	24.1	24.8	24.7	25.3	25.9	23.9	24.5	24.4	25.0	25.6
X=4H Y=2H	19.5	20.3	20.1	20.8	21.3	19.4	20.2	20.0	20.7	21.2
	21.4	22.1	22.0	22.6	23.2	21.3	22.0	21.8	22.5	23.0
	22.6	23.2	23.1	23.7	24.3	22.4	23.0	23.0	23.5	24.1
	24.0	24.5	24.5	25.0	25.6	23.7	24.2	24.3	24.8	25.4
	24.7	25.2	25.3	25.7	26.4	24.5	25.0	25.1	25.5	26.1
	25.6	26.0	26.2	26.6	27.2	25.4	25.8	25.9	26.4	27.0
X=8H Y=4H	23.1	23.5	23.6	24.1	24.7	22.9	23.3	23.5	23.9	24.5
	24.7	25.0	25.3	25.7	26.3	24.5	24.8	25.1	25.4	26.1
	25.6	25.9	26.2	26.6	27.2	25.4	25.7	26.0	26.3	27.0
	26.7	27.0	27.4	27.6	28.3	26.5	26.8	27.1	27.4	28.1
X=12H Y=4H	23.1	23.5	23.7	24.1	24.8	23.0	23.4	23.6	24.0	24.6
	24.9	25.2	25.5	25.8	26.5	24.7	25.0	25.3	25.6	26.3
	25.9	26.2	26.5	26.8	27.5	25.7	26.0	26.3	26.6	27.3
Variations with the objverver position at spacings										
S=1.0H	0.1/-0.1					0.1/-0.1				
S=1.5H	0.1/-0.2					0.2/-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					4.6				

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 4000K RA90 36D.IES

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	3448.87	3448.87	3448.87	3448.87
γ 1.0	3467.05	3458.79	3429.25	3404.01
γ 2.0	3462.08	3463.17	3392.76	3355.45
γ 3.0	3439.65	3441.87	3335.12	3292.33
γ 4.0	3401.25	3412.94	3261.36	3213.02
γ 5.0	3342.68	3364.53	3174.87	3114.22
γ 6.0	3277.38	3303.37	3066.53	3003.73
γ 7.0	3193.53	3228.59	2936.97	2876.23
γ 8.0	3097.51	3145.00	2798.47	2738.53
γ 9.0	2995.71	3044.69	2659.51	2591.38
γ 10.0	2874.68	2929.90	2503.73	2440.70
γ 11.0	2749.04	2802.52	2346.38	2274.17
γ 12.0	2607.25	2667.64	2177.34	2108.18
γ 13.0	2453.00	2520.29	2006.40	1938.21
γ 14.0	2299.01	2364.76	1835.31	1767.58
γ 15.0	2144.70	2207.50	1663.04	1596.27
γ 16.0	1981.74	2042.39	1489.92	1427.20
γ 17.0	1817.34	1875.64	1314.00	1258.65
γ 18.0	1654.70	1710.24	1141.61	1093.58
γ 19.0	1490.44	1543.44	979.53	935.25
γ 20.0	1327.37	1376.63	833.12	793.24
γ 21.0	1170.42	1214.46	704.85	669.67
γ 22.0	1018.19	1057.51	595.30	565.09
γ 23.0	872.16	905.95	502.77	475.87
γ 24.0	738.42	768.09	423.66	402.39
γ 25.0	622.69	646.77	356.64	340.71
γ 26.0	525.13	544.54	301.70	290.09
γ 27.0	441.55	457.46	257.48	248.79
γ 28.0	370.27	387.20	221.09	215.01
γ 29.0	311.43	325.87	191.55	187.76
γ 30.0	262.21	276.12	167.31	164.65
γ 31.0	224.98	237.08	147.80	145.07
γ 32.0	197.38	207.04	130.37	127.61
γ 33.0	176.25	183.01	114.49	110.90
γ 34.0	158.99	164.44	99.31	96.03
γ 35.0	143.73	146.13	85.36	82.85
γ 36.0	128.80	130.37	73.34	71.76
γ 37.0	114.17	114.35	63.88	63.01
γ 38.0	100.58	100.25	56.86	56.61
γ 39.0	88.47	87.58	52.03	51.81
γ 40.0	78.34	77.01	48.34	48.26
γ 41.0	70.14	68.62	45.56	45.51
γ 42.0	63.60	61.98	43.48	43.41
γ 43.0	58.41	56.92	41.88	41.89
γ 44.0	54.43	53.05	40.38	40.43
γ 45.0	51.14	49.90	38.62	38.96
γ 46.0	48.47	47.30	36.08	37.13

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	46.19	45.06	34.05	35.10
γ 48.0	44.21	43.09	33.27	34.34
γ 49.0	42.46	41.34	32.63	33.63
γ 50.0	40.58	39.42	31.96	33.05
γ 51.0	38.49	37.13	31.33	32.33
γ 52.0	37.06	35.71	30.74	31.73
γ 53.0	35.78	34.43	30.18	31.19
γ 54.0	34.66	33.39	29.62	30.57
γ 55.0	33.59	32.44	29.01	30.05
γ 56.0	32.59	31.42	28.47	29.42
γ 57.0	31.66	30.59	27.90	28.91
γ 58.0	30.90	29.80	27.32	28.32
γ 59.0	30.17	29.09	26.75	27.67
γ 60.0	29.48	28.43	26.07	27.01
γ 61.0	28.69	27.77	25.39	26.26
γ 62.0	28.03	27.04	24.80	25.60
γ 63.0	27.36	26.39	24.21	25.00
γ 64.0	26.68	25.71	23.54	24.32
γ 65.0	25.87	24.99	22.91	23.66
γ 66.0	25.25	24.35	22.25	23.01
γ 67.0	24.61	23.65	21.57	22.35
γ 68.0	23.94	23.00	20.98	21.75
γ 69.0	23.21	22.27	20.40	21.09
γ 70.0	22.60	21.72	19.80	20.57
γ 71.0	21.93	21.16	19.31	20.02
γ 72.0	21.37	20.49	18.71	19.45
γ 73.0	20.75	19.91	18.20	18.87
γ 74.0	20.18	19.40	17.60	18.28
γ 75.0	19.69	18.75	17.14	17.82
γ 76.0	19.11	18.31	16.64	17.24
γ 77.0	18.52	17.82	16.14	16.80
γ 78.0	18.03	17.29	15.64	16.30
γ 79.0	17.58	16.79	15.17	15.74
γ 80.0	17.13	16.33	14.75	15.33
γ 81.0	16.70	15.84	14.38	14.92
γ 82.0	16.10	15.40	13.99	14.45
γ 83.0	15.72	14.98	13.58	13.96
γ 84.0	15.20	14.51	13.11	13.60
γ 85.0	14.82	14.14	12.81	13.19
γ 86.0	14.32	13.77	12.44	12.89
γ 87.0	13.95	13.40	12.13	12.56
γ 88.0	13.59	13.03	12.00	12.42
γ 89.0	13.18	12.60	11.92	12.24
γ 90.0	12.86	12.32	11.84	12.16
γ 91.0	12.61	12.08	11.75	12.11
γ 92.0	12.43	11.99	11.64	12.00
γ 93.0	12.31	11.87	11.63	11.84

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	12.24	11.87	11.52	11.74
γ 95.0	12.14	11.69	11.45	11.73
γ 96.0	12.10	11.65	11.41	11.67
γ 97.0	11.98	11.69	11.32	11.52
γ 98.0	11.91	11.53	11.24	11.47
γ 99.0	11.84	11.49	11.22	11.40
γ 100.0	11.80	11.44	11.23	11.40
γ 101.0	11.78	11.40	11.05	11.30
γ 102.0	11.62	11.38	11.05	11.33
γ 103.0	11.56	11.25	11.04	11.24
γ 104.0	11.47	11.16	11.05	11.23
γ 105.0	11.41	11.15	10.99	11.20
γ 106.0	11.39	11.06	10.95	11.09
γ 107.0	11.40	11.05	10.92	11.12
γ 108.0	11.30	11.01	11.01	11.09
γ 109.0	11.24	10.96	10.86	11.09
γ 110.0	11.17	10.87	10.87	11.05
γ 111.0	11.16	10.91	10.96	11.07
γ 112.0	11.14	10.87	10.91	11.00
γ 113.0	11.04	10.80	10.88	11.06
γ 114.0	11.01	10.76	10.94	11.07
γ 115.0	10.94	10.76	10.95	11.04
γ 116.0	10.96	10.76	10.89	11.06
γ 117.0	10.86	10.73	10.97	11.03
γ 118.0	10.92	10.73	11.02	11.09
γ 119.0	10.93	10.77	11.08	11.20
γ 120.0	10.92	10.73	11.11	11.22
γ 121.0	10.83	10.70	11.13	11.23
γ 122.0	10.83	10.64	11.28	11.37
γ 123.0	10.98	10.78	11.33	11.35
γ 124.0	10.93	10.75	11.43	11.44
γ 125.0	11.03	10.84	11.45	11.54
γ 126.0	11.07	10.87	11.60	11.75
γ 127.0	11.07	10.97	11.74	11.83
γ 128.0	11.14	11.08	11.92	11.96
γ 129.0	11.23	11.11	12.06	12.10
γ 130.0	11.35	11.19	12.22	12.26
γ 131.0	11.52	11.37	12.44	12.37
γ 132.0	11.62	11.51	12.56	12.63
γ 133.0	11.75	11.67	12.77	12.82
γ 134.0	11.91	11.76	13.01	13.01
γ 135.0	12.11	12.04	13.24	13.26
γ 136.0	12.32	12.06	13.49	13.53
γ 137.0	12.53	12.34	13.68	13.68
γ 138.0	12.76	12.51	13.91	13.92
γ 139.0	12.90	12.71	14.22	14.10
γ 140.0	13.19	13.02	14.42	14.36

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	13.33	13.25	14.59	14.62
γ 142.0	13.54	13.51	14.86	14.86
γ 143.0	13.89	13.72	15.18	15.16
γ 144.0	14.09	13.96	15.37	15.37
γ 145.0	14.31	14.16	15.61	15.57
γ 146.0	14.62	14.39	15.83	15.83
γ 147.0	14.81	14.68	16.09	16.11
γ 148.0	15.15	14.92	16.28	16.25
γ 149.0	15.31	15.18	16.53	16.41
γ 150.0	15.62	15.42	16.72	16.66
γ 151.0	15.83	15.65	16.88	16.82
γ 152.0	16.01	15.88	17.11	17.03
γ 153.0	16.22	16.11	17.27	17.16
γ 154.0	16.40	16.27	17.44	17.32
γ 155.0	16.64	16.39	17.58	17.48
γ 156.0	16.83	16.56	17.66	17.49
γ 157.0	16.97	16.84	17.76	17.56
γ 158.0	17.10	16.89	17.86	17.66
γ 159.0	17.22	16.98	17.98	17.76
γ 160.0	17.42	17.12	17.99	17.72
γ 161.0	17.56	17.24	18.05	17.76
γ 162.0	17.58	17.39	18.10	17.74
γ 163.0	17.70	17.53	18.08	17.74
γ 164.0	17.77	17.58	18.01	17.74
γ 165.0	17.78	17.62	17.97	17.74
γ 166.0	17.80	17.55	18.03	17.76
γ 167.0	17.80	17.54	17.96	17.65
γ 168.0	17.84	17.66	17.89	17.72
γ 169.0	17.84	17.64	17.91	17.67
γ 170.0	17.81	17.61	17.90	17.65
γ 171.0	17.80	17.61	17.87	17.70
γ 172.0	17.79	17.62	17.87	17.66
γ 173.0	17.82	17.65	17.90	17.71
γ 174.0	17.80	17.61	17.87	17.65
γ 175.0	17.86	17.65	17.81	17.77
γ 176.0	17.70	17.69	17.93	17.79
γ 177.0	17.87	17.71	17.94	17.79
γ 178.0	17.93	17.74	17.98	17.73
γ 179.0	17.94	17.73	17.91	17.83
γ 180.0	17.84	17.84	17.84	17.84