

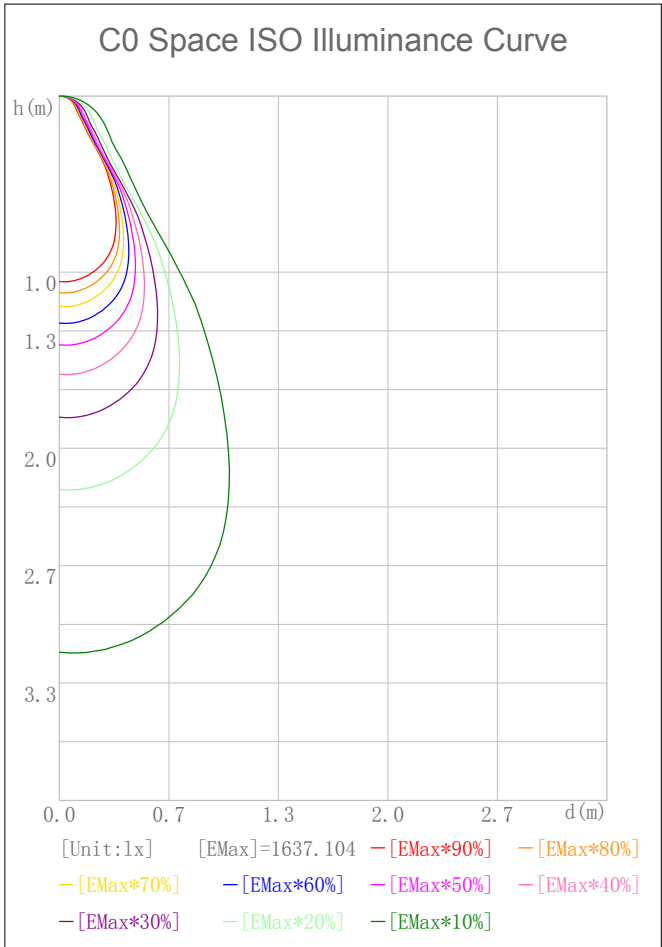
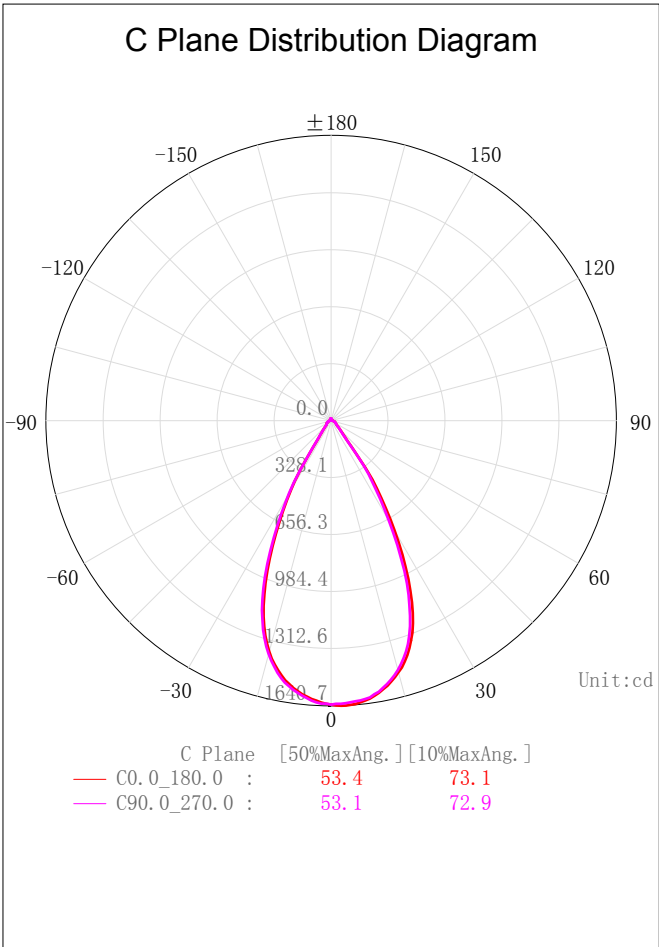
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR04-15-XX-01 4000K RA90 60D	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

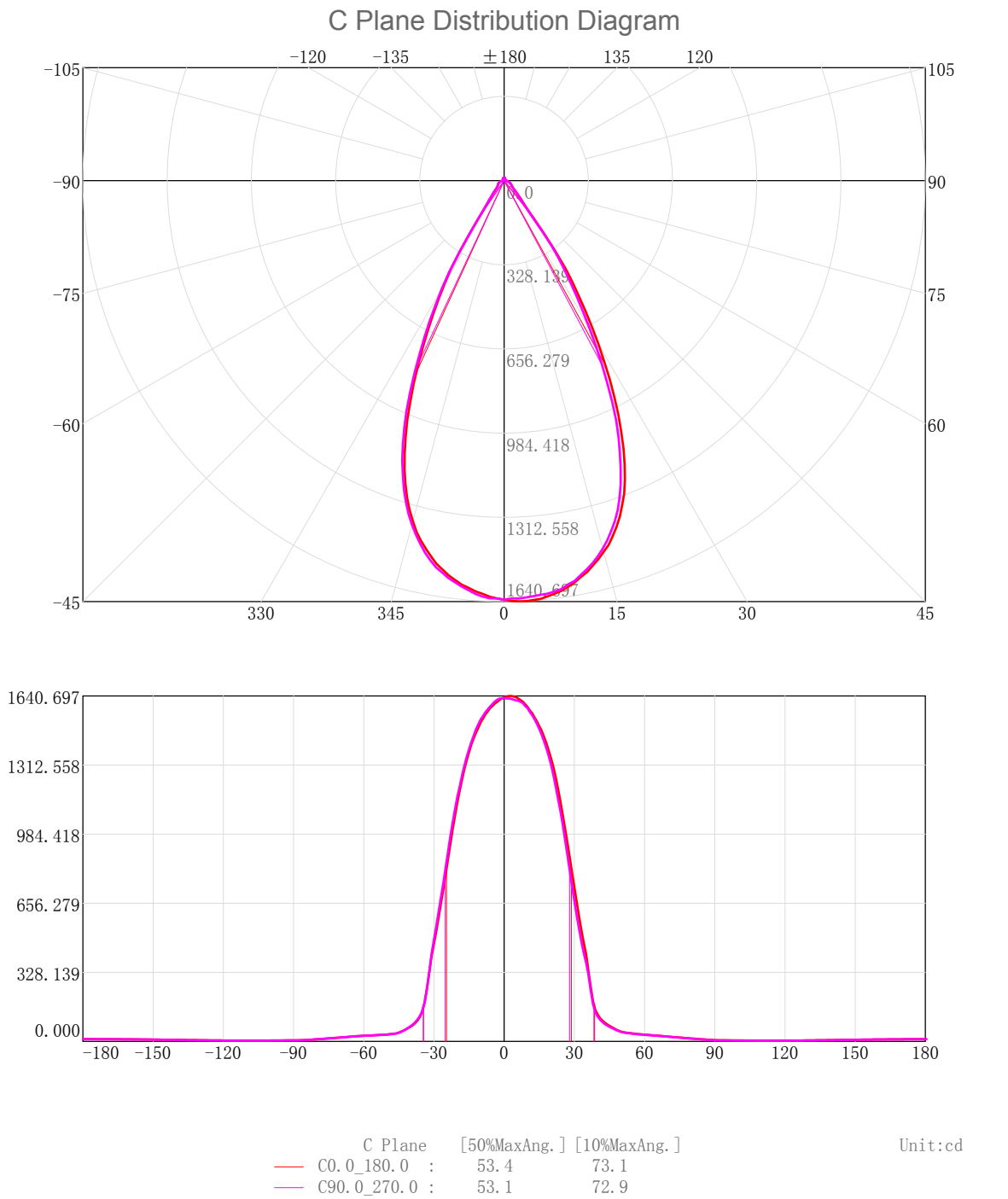
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 1312.560	Luminary Flux(lm): 1312.561	Field Angle(10%Imax): 73.1(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1275.214lm 97.15%
Rated Voltage(V):	Luminary EER(lm/W): 88.328	Up Lumens&Percent: 37.347lm 2.85%
Tested Power(W): 14.860	Max. Candela(cd): 1640.697	S/MH: C0_a180=0.862 C90_270=0.859
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=3.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.3, 0.064, 0.966	Beam Angle(50%Imax): 53.4(°)	ErP Φ use(90°): 1167.207lm
Lamp Size(W*L*H):0.050m*0.000m*0.000m	Left=-24.6°, Right=28.7°	IRF(%): 266.458



2D Plane Light Intensity Distribution Curve

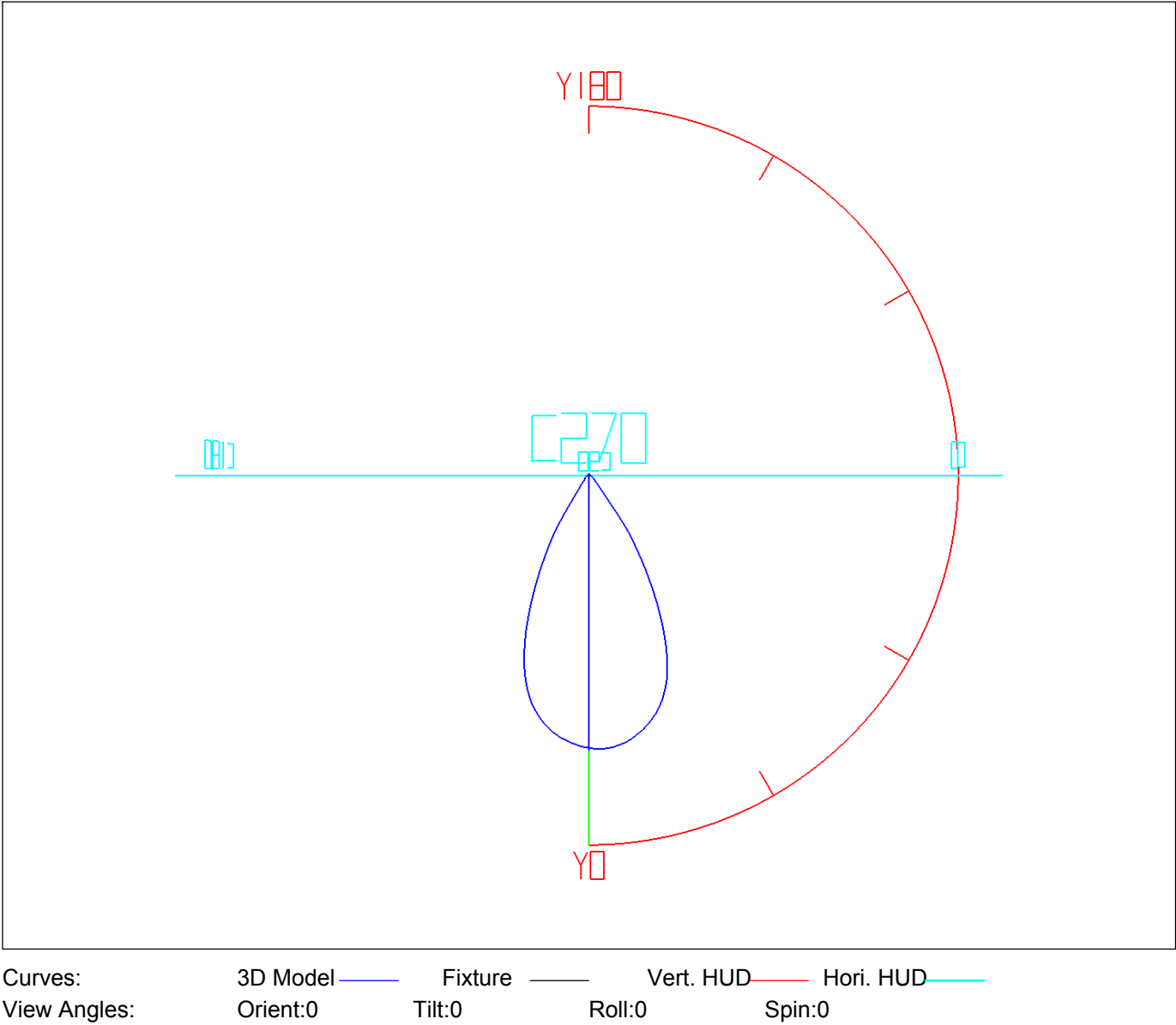
Lum. Name: TR04-15-XX-01 4000K RA90 60D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/07/09



3D Light Intensity Distribution Modal

Lum. Name: TR04-15-XX-01 4000K RA90 60D	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 60D.IES

Zonal Flux Tabulation

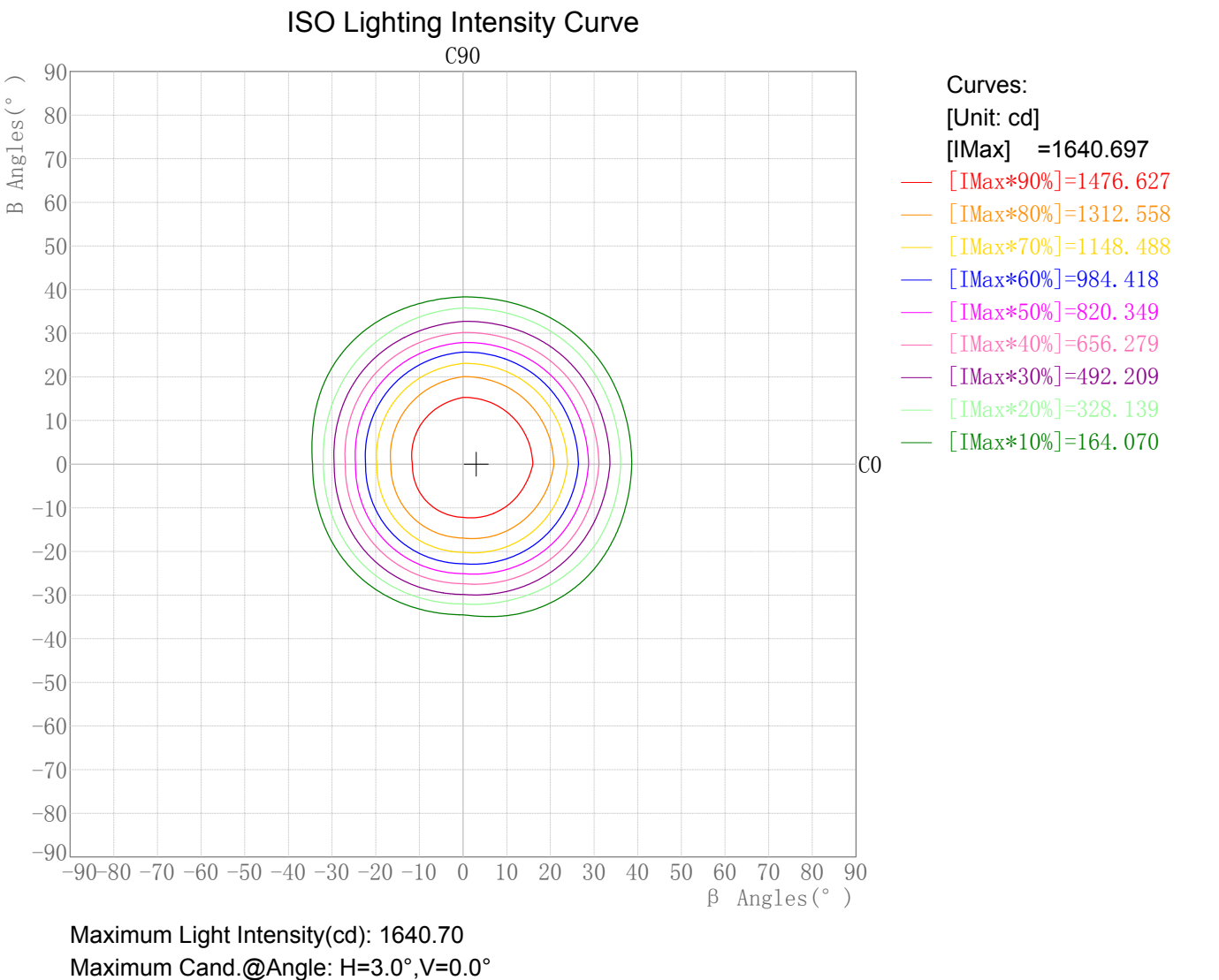
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	1.56	1.56	0.12	0.12	47.0-48.0	3.79	1185.65	0.29	90.33
1.0-2.0	4.68	6.24	0.36	0.48	48.0-49.0	3.59	1189.24	0.27	90.60
2.0-3.0	7.79	14.03	0.59	1.07	49.0-50.0	3.42	1192.66	0.26	90.87
3.0-4.0	10.86	24.89	0.83	1.90	50.0-51.0	3.29	1195.95	0.25	91.12
4.0-5.0	13.91	38.79	1.06	2.96	51.0-52.0	3.20	1199.15	0.24	91.36
5.0-6.0	16.91	55.70	1.29	4.24	52.0-53.0	3.14	1202.29	0.24	91.60
6.0-7.0	19.86	75.56	1.51	5.76	53.0-54.0	3.09	1205.37	0.24	91.83
7.0-8.0	22.75	98.31	1.73	7.49	54.0-55.0	3.04	1208.41	0.23	92.07
8.0-9.0	25.55	123.86	1.95	9.44	55.0-56.0	3.00	1211.41	0.23	92.29
9.0-10.0	28.26	152.12	2.15	11.59	56.0-57.0	2.95	1214.36	0.23	92.52
10.0-11.0	30.86	182.98	2.35	13.94	57.0-58.0	2.92	1217.28	0.22	92.74
11.0-12.0	33.32	216.30	2.54	16.48	58.0-59.0	2.88	1220.15	0.22	92.96
12.0-13.0	35.65	251.94	2.72	19.19	59.0-60.0	2.83	1222.99	0.22	93.18
13.0-14.0	37.82	289.77	2.88	22.08	60.0-61.0	2.79	1225.78	0.21	93.39
14.0-15.0	39.82	329.59	3.03	25.11	61.0-62.0	2.74	1228.52	0.21	93.60
15.0-16.0	41.63	371.22	3.17	28.28	62.0-63.0	2.70	1231.22	0.21	93.80
16.0-17.0	43.20	414.42	3.29	31.57	63.0-64.0	2.64	1233.86	0.20	94.00
17.0-18.0	44.51	458.93	3.39	34.96	64.0-65.0	2.57	1236.43	0.20	94.20
18.0-19.0	45.53	504.46	3.47	38.43	65.0-66.0	2.51	1238.94	0.19	94.39
19.0-20.0	46.21	550.67	3.52	41.95	66.0-67.0	2.44	1241.38	0.19	94.58
20.0-21.0	46.55	597.22	3.55	45.50	67.0-68.0	2.37	1243.75	0.18	94.76
21.0-22.0	46.50	643.72	3.54	49.04	68.0-69.0	2.29	1246.03	0.17	94.93
22.0-23.0	46.04	689.76	3.51	52.55	69.0-70.0	2.21	1248.24	0.17	95.10
23.0-24.0	45.20	734.95	3.44	55.99	70.0-71.0	2.13	1250.37	0.16	95.26
24.0-25.0	43.99	778.94	3.35	59.35	71.0-72.0	2.05	1252.42	0.16	95.42
25.0-26.0	42.40	821.34	3.23	62.58	72.0-73.0	1.96	1254.38	0.15	95.57
26.0-27.0	40.48	861.82	3.08	65.66	73.0-74.0	1.88	1256.26	0.14	95.71
27.0-28.0	38.32	900.14	2.92	68.58	74.0-75.0	1.80	1258.06	0.14	95.85
28.0-29.0	35.94	936.08	2.74	71.32	75.0-76.0	1.71	1259.77	0.13	95.98
29.0-30.0	33.43	969.51	2.55	73.86	76.0-77.0	1.63	1261.40	0.12	96.10
30.0-31.0	30.82	1000.33	2.35	76.21	77.0-78.0	1.54	1262.94	0.12	96.22
31.0-32.0	27.74	1028.07	2.11	78.33	78.0-79.0	1.46	1264.40	0.11	96.33
32.0-33.0	24.26	1052.33	1.85	80.17	79.0-80.0	1.37	1265.77	0.10	96.44
33.0-34.0	20.96	1073.29	1.60	81.77	80.0-81.0	1.29	1267.06	0.10	96.53
34.0-35.0	18.14	1091.43	1.38	83.15	81.0-82.0	1.20	1268.26	0.09	96.63
35.0-36.0	15.60	1107.04	1.19	84.34	82.0-83.0	1.12	1269.38	0.09	96.71
36.0-37.0	12.97	1120.01	0.99	85.33	83.0-84.0	1.04	1270.42	0.08	96.79
37.0-38.0	10.42	1130.43	0.79	86.12	84.0-85.0	0.96	1271.38	0.07	96.86
38.0-39.0	8.47	1138.89	0.65	86.77	85.0-86.0	0.88	1272.27	0.07	96.93
39.0-40.0	7.28	1146.18	0.55	87.32	86.0-87.0	0.81	1273.08	0.06	96.99
40.0-41.0	6.52	1152.70	0.50	87.82	87.0-88.0	0.76	1273.84	0.06	97.05
41.0-42.0	5.91	1158.61	0.45	88.27	88.0-89.0	0.71	1274.55	0.05	97.10
42.0-43.0	5.40	1164.01	0.41	88.68	89.0-90.0	0.67	1275.21	0.05	97.15
43.0-44.0	4.96	1168.96	0.38	89.06	90.0-91.0	0.63	1275.85	0.05	97.20
44.0-45.0	4.59	1173.55	0.35	89.41	91.0-92.0	0.61	1276.45	0.05	97.25
45.0-46.0	4.28	1177.83	0.33	89.74	92.0-93.0	0.60	1277.05	0.05	97.29
46.0-47.0	4.02	1181.86	0.31	90.04	93.0-94.0	0.58	1277.63	0.04	97.34

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	0.57	1278.21	0.04	97.38	141.0-142.0	0.50	1300.25	0.04	99.06
95.0-96.0	0.56	1278.77	0.04	97.43	142.0-143.0	0.50	1300.75	0.04	99.10
96.0-97.0	0.55	1279.32	0.04	97.47	143.0-144.0	0.50	1301.25	0.04	99.14
97.0-98.0	0.54	1279.86	0.04	97.51	144.0-145.0	0.50	1301.76	0.04	99.18
98.0-99.0	0.53	1280.39	0.04	97.55	145.0-146.0	0.50	1302.25	0.04	99.21
99.0-100.0	0.52	1280.91	0.04	97.59	146.0-147.0	0.50	1302.75	0.04	99.25
100.0-101.0	0.51	1281.42	0.04	97.63	147.0-148.0	0.49	1303.24	0.04	99.29
101.0-102.0	0.50	1281.92	0.04	97.67	148.0-149.0	0.49	1303.73	0.04	99.33
102.0-103.0	0.49	1282.41	0.04	97.70	149.0-150.0	0.48	1304.22	0.04	99.36
103.0-104.0	0.48	1282.90	0.04	97.74	150.0-151.0	0.48	1304.69	0.04	99.40
104.0-105.0	0.48	1283.37	0.04	97.78	151.0-152.0	0.47	1305.16	0.04	99.44
105.0-106.0	0.47	1283.84	0.04	97.81	152.0-153.0	0.46	1305.63	0.04	99.47
106.0-107.0	0.46	1284.31	0.04	97.85	153.0-154.0	0.45	1306.08	0.03	99.51
107.0-108.0	0.46	1284.76	0.03	97.88	154.0-155.0	0.44	1306.52	0.03	99.54
108.0-109.0	0.45	1285.21	0.03	97.92	155.0-156.0	0.43	1306.95	0.03	99.57
109.0-110.0	0.45	1285.66	0.03	97.95	156.0-157.0	0.42	1307.38	0.03	99.60
110.0-111.0	0.44	1286.10	0.03	97.98	157.0-158.0	0.41	1307.78	0.03	99.64
111.0-112.0	0.44	1286.53	0.03	98.02	158.0-159.0	0.40	1308.18	0.03	99.67
112.0-113.0	0.43	1286.97	0.03	98.05	159.0-160.0	0.38	1308.56	0.03	99.70
113.0-114.0	0.43	1287.40	0.03	98.08	160.0-161.0	0.37	1308.93	0.03	99.72
114.0-115.0	0.43	1287.82	0.03	98.12	161.0-162.0	0.35	1309.28	0.03	99.75
115.0-116.0	0.43	1288.25	0.03	98.15	162.0-163.0	0.34	1309.62	0.03	99.78
116.0-117.0	0.43	1288.68	0.03	98.18	163.0-164.0	0.32	1309.94	0.02	99.80
117.0-118.0	0.43	1289.10	0.03	98.21	164.0-165.0	0.30	1310.25	0.02	99.82
118.0-119.0	0.43	1289.53	0.03	98.25	165.0-166.0	0.29	1310.53	0.02	99.85
119.0-120.0	0.43	1289.96	0.03	98.28	166.0-167.0	0.27	1310.80	0.02	99.87
120.0-121.0	0.43	1290.39	0.03	98.31	167.0-168.0	0.25	1311.06	0.02	99.89
121.0-122.0	0.43	1290.82	0.03	98.34	168.0-169.0	0.23	1311.29	0.02	99.90
122.0-123.0	0.43	1291.25	0.03	98.38	169.0-170.0	0.22	1311.51	0.02	99.92
123.0-124.0	0.44	1291.69	0.03	98.41	170.0-171.0	0.20	1311.70	0.01	99.93
124.0-125.0	0.44	1292.13	0.03	98.44	171.0-172.0	0.18	1311.88	0.01	99.95
125.0-126.0	0.45	1292.58	0.03	98.48	172.0-173.0	0.16	1312.04	0.01	99.96
126.0-127.0	0.45	1293.03	0.03	98.51	173.0-174.0	0.14	1312.18	0.01	99.97
127.0-128.0	0.45	1293.48	0.03	98.55	174.0-175.0	0.12	1312.29	0.01	99.98
128.0-129.0	0.46	1293.94	0.03	98.58	175.0-176.0	0.10	1312.39	0.01	99.99
129.0-130.0	0.46	1294.40	0.04	98.62	176.0-177.0	0.07	1312.46	0.01	99.99
130.0-131.0	0.47	1294.87	0.04	98.65	177.0-178.0	0.05	1312.52	0.00	100.00
131.0-132.0	0.47	1295.34	0.04	98.69	178.0-179.0	0.03	1312.55	0.00	100.00
132.0-133.0	0.48	1295.82	0.04	98.72	179.0-180.0	0.01	1312.56	0.00	100.00
133.0-134.0	0.48	1296.30	0.04	98.76					
134.0-135.0	0.48	1296.78	0.04	98.80					
135.0-136.0	0.49	1297.27	0.04	98.84					
136.0-137.0	0.49	1297.76	0.04	98.87					
137.0-138.0	0.49	1298.26	0.04	98.91					
138.0-139.0	0.50	1298.75	0.04	98.95					
139.0-140.0	0.50	1299.25	0.04	98.99					
140.0-141.0	0.50	1299.75	0.04	99.02					

Rectangle ISO Lighting Intensity Diagram

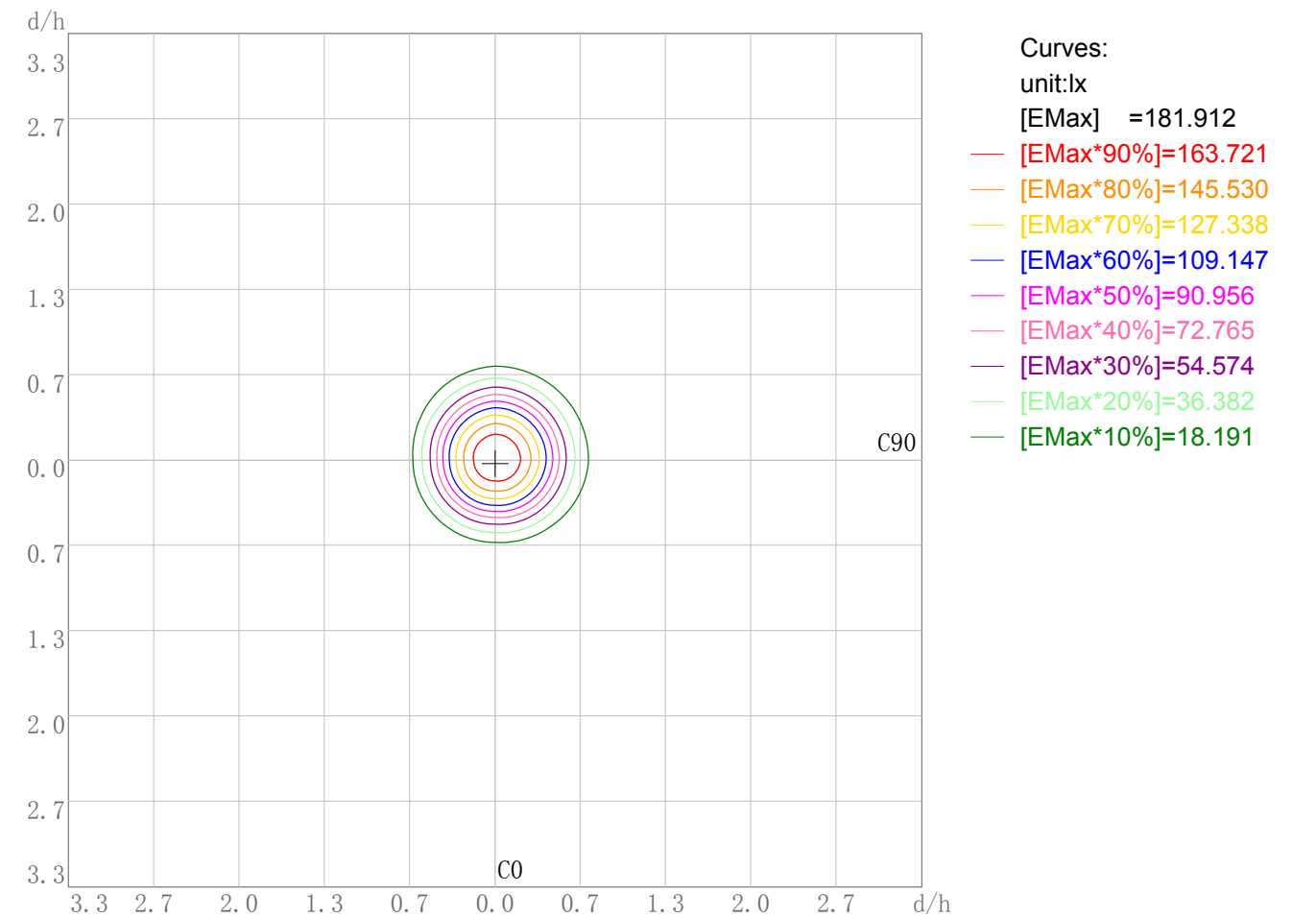
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Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/07/09



Plane ISO-Illuminance Diagram

Lum. Name:TR04-15-XX-01 4000K RA90 60D	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): 181.91  
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

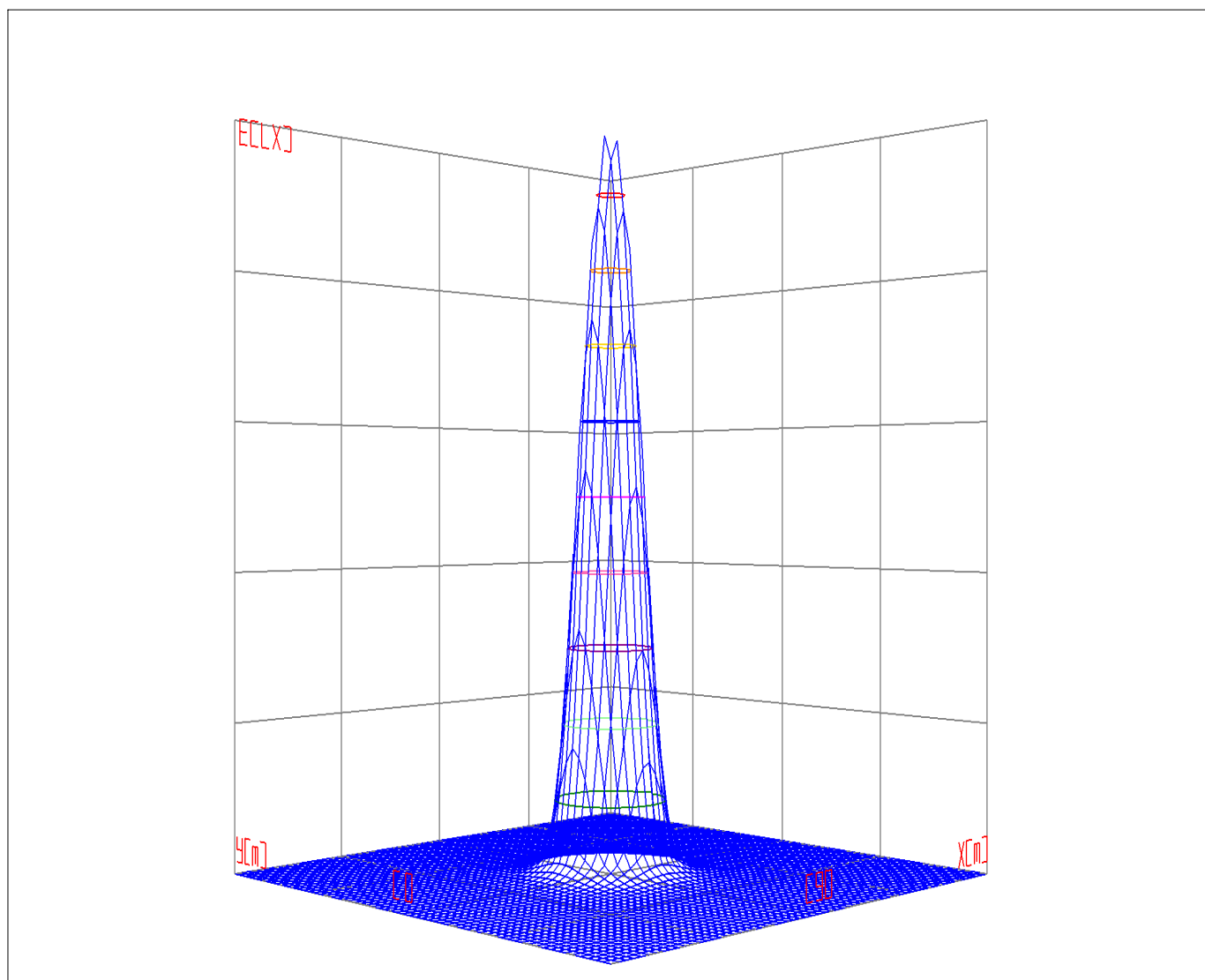
## IES Indoor Report

Photometric Filename:TR04-15-XX-01 4000K RA90 60D.IES

### 3D Plane ISO Illuminance Diagram

Lum. Name: TR04-15-XX-01 4000K RA90 60D	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



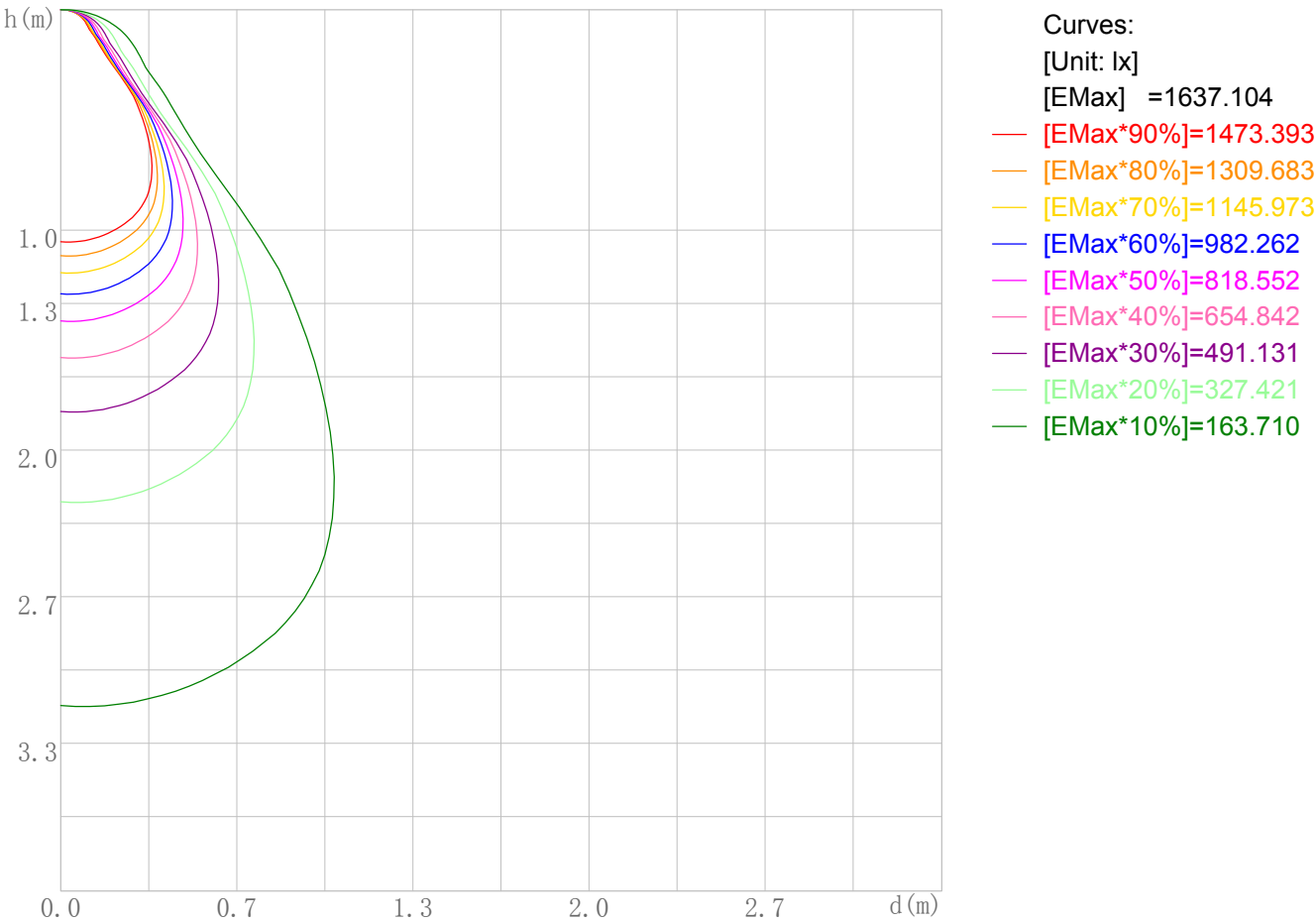
Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0



Space ISO Illuminance Diagram

Lum. Name: TR04-15-XX-01 4000K RA90 60D	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

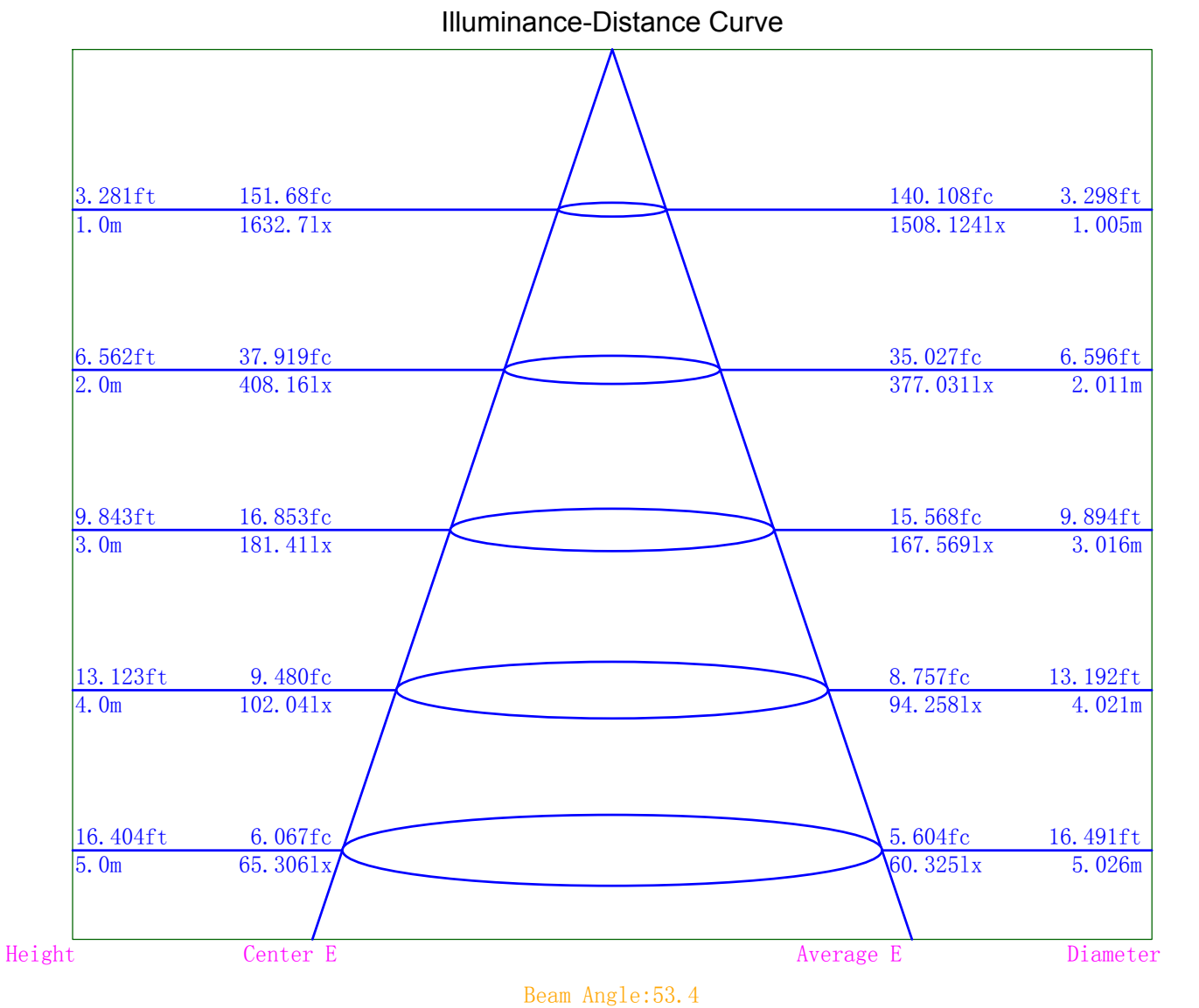
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1637.10lx,1.0deg  
Plane Maximum Lighting Intensity and @Angle:1640.697cd,0deg

Illuminance-Distance Diagram

Lum. Name:TR04-15-XX-01 4000K RA90 60D	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 60D	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

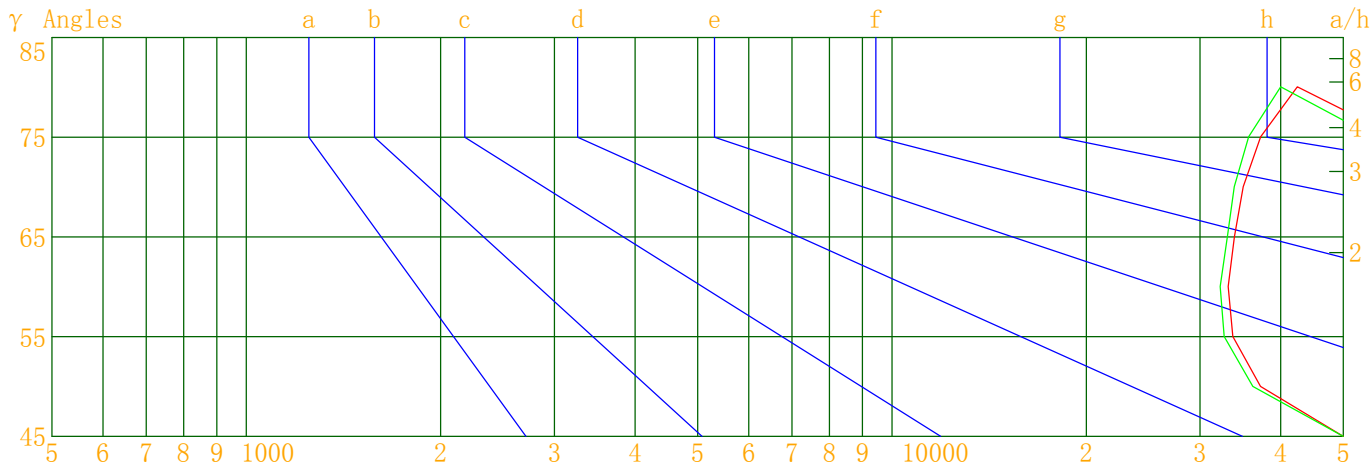
Glare Grade Table

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	53718	37231	33718	33160	33911	35001	37252	42439	60147
C90	50078	36219	32699	32236	33065	33902	35680	40002	55484

Luminance Limiting Curve



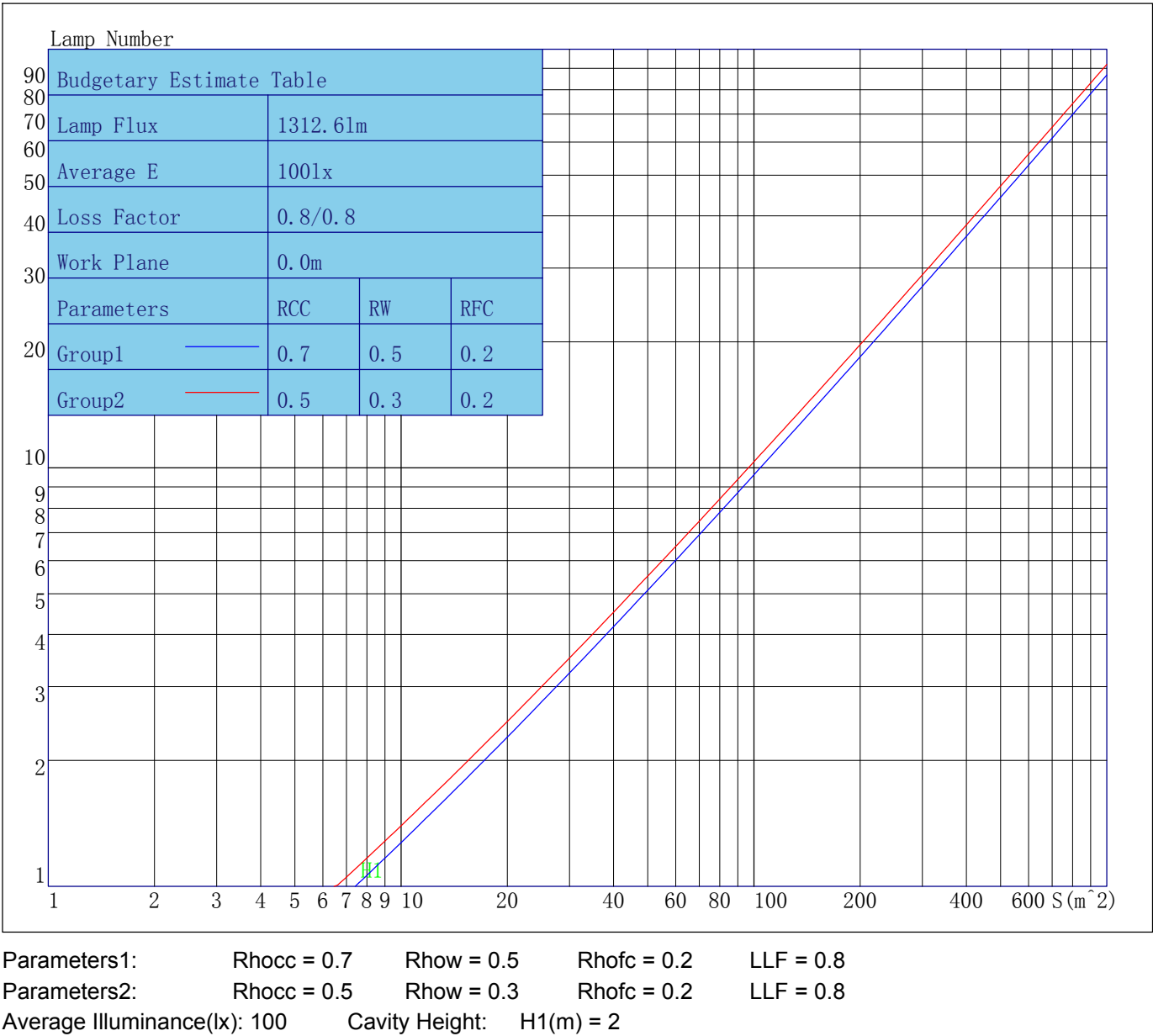
Luminous Size: Length(m)=0.000 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963

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 60D	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 60D	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	115	115	115	115	110	110	110	104	104	104	99	99	99	97
1	112	109	107	104	109	107	104	102	102	100	99	98	97	95	94	93	92	90
2	106	101	97	93	104	99	95	92	96	92	90	92	90	87	89	87	85	83
3	101	94	89	85	99	93	88	84	90	86	83	87	84	81	84	82	79	78
4	96	88	83	78	94	87	82	78	84	80	76	82	78	75	80	77	74	72
5	91	83	77	73	89	82	76	72	80	75	71	78	74	70	76	72	69	68
6	87	78	72	68	85	77	71	67	75	70	67	74	69	66	72	68	65	64
7	83	74	68	63	81	73	67	63	71	66	63	70	65	62	68	65	62	60
8	79	70	64	60	78	69	63	59	68	63	59	66	62	59	65	61	58	57
9	75	66	60	56	74	65	60	56	64	59	56	63	59	55	62	58	55	54
10	72	63	57	53	71	62	57	53	61	56	53	60	56	52	59	55	52	51

Unified Glare Rating Table

Lum. Name:TR04-15-XX-01 4000K RA90 60D	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	22.9	24.0	23.4	24.3	24.7	22.6	23.6	23.0	23.9	24.3
	23.5	24.4	24.0	24.8	25.3	23.2	24.1	23.6	24.5	24.9
	23.9	24.8	24.4	25.2	25.6	23.6	24.4	24.1	24.9	25.3
	24.4	25.2	24.9	25.6	26.1	24.1	24.8	24.5	25.3	25.7
	24.6	25.4	25.1	25.8	26.3	24.3	25.0	24.8	25.5	25.9
	24.9	25.6	25.4	26.0	26.5	24.6	25.2	25.0	25.7	26.2
X=4H    Y=2H	23.0	23.8	23.4	24.2	24.7	22.6	23.4	23.1	23.9	24.3
	23.8	24.5	24.3	25.0	25.4	23.5	24.2	24.0	24.7	25.1
	24.4	25.0	24.9	25.5	26.0	24.1	24.7	24.6	25.2	25.7
	25.0	25.6	25.6	26.1	26.6	24.7	25.3	25.3	25.8	26.3
	25.4	25.9	25.9	26.4	26.9	25.1	25.6	25.6	26.1	26.6
	25.8	26.2	26.3	26.8	27.3	25.5	25.9	26.0	26.4	27.0
X=8H    Y=4H	24.5	25.0	25.1	25.5	26.1	24.3	24.8	24.8	25.3	25.8
	25.4	25.8	26.0	26.4	26.9	25.1	25.5	25.7	26.1	26.7
	25.9	26.2	26.5	26.8	27.4	25.6	25.9	26.2	26.5	27.1
	26.5	26.8	27.0	27.3	28.0	26.1	26.4	26.7	27.0	27.6
X=12H    Y=4H	24.6	25.0	25.1	25.5	26.1	24.3	24.7	24.8	25.2	25.8
	25.5	25.8	26.0	26.3	27.0	25.2	25.5	25.8	26.1	26.7
	26.0	26.3	26.6	26.9	27.5	25.7	26.0	26.3	26.6	27.2
Variations with the objerver position at spacings										
S=1.0H	0.2/−0.2					0.3/−0.3				
S=1.5H	0.4/−0.4					0.4/−0.4				
S=2.0H	0.4/−0.5					0.4/−0.5				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	2.4					2.5				

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	1632.65	1632.65	1632.65	1632.65
γ 1.0	1637.85	1628.19	1628.20	1628.00
γ 2.0	1639.93	1628.88	1621.84	1628.15
γ 3.0	1640.70	1626.45	1611.88	1622.53
γ 4.0	1637.88	1623.39	1604.15	1613.68
γ 5.0	1635.76	1620.04	1592.61	1601.61
γ 6.0	1628.24	1618.20	1582.67	1590.04
γ 7.0	1621.24	1612.94	1567.68	1576.40
γ 8.0	1613.26	1606.69	1553.21	1563.28
γ 9.0	1601.41	1592.71	1534.24	1545.78
γ 10.0	1588.58	1583.06	1516.16	1529.85
γ 11.0	1572.24	1564.98	1491.59	1507.19
γ 12.0	1558.11	1548.59	1466.33	1481.88
γ 13.0	1538.45	1529.87	1439.58	1452.01
γ 14.0	1519.38	1508.22	1410.41	1421.68
γ 15.0	1497.35	1484.41	1373.71	1387.86
γ 16.0	1476.40	1457.63	1335.29	1351.05
γ 17.0	1447.90	1427.05	1292.79	1309.13
γ 18.0	1418.09	1395.72	1244.05	1264.20
γ 19.0	1383.77	1358.82	1191.77	1211.14
γ 20.0	1345.12	1314.96	1133.39	1160.86
γ 21.0	1304.89	1266.51	1070.14	1100.36
γ 22.0	1255.97	1211.69	1006.84	1038.94
γ 23.0	1201.36	1153.59	936.06	972.46
γ 24.0	1143.53	1097.01	865.65	899.00
γ 25.0	1079.35	1033.74	793.40	826.53
γ 26.0	1014.61	961.51	723.94	752.01
γ 27.0	944.50	885.52	654.01	682.11
γ 28.0	874.70	811.73	587.04	614.18
γ 29.0	801.65	737.21	522.32	545.80
γ 30.0	732.02	667.69	463.31	482.71
γ 31.0	663.72	599.49	404.77	416.69
γ 32.0	595.41	534.92	327.10	330.47
γ 33.0	529.71	475.72	251.27	249.60
γ 34.0	471.63	422.36	184.17	186.17
γ 35.0	414.18	374.01	140.83	143.07
γ 36.0	335.13	316.67	115.80	120.58
γ 37.0	258.10	240.70	99.61	104.39
γ 38.0	189.85	176.71	87.73	91.36
γ 39.0	148.96	138.30	78.13	81.37
γ 40.0	127.55	117.86	70.27	72.60
γ 41.0	111.04	103.74	64.11	65.18
γ 42.0	99.18	92.46	57.67	57.77
γ 43.0	89.43	83.30	51.63	51.32
γ 44.0	81.17	75.82	46.37	46.19
γ 45.0	74.58	69.53	42.26	41.70
γ 46.0	68.31	64.37	38.92	38.37

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	62.16	59.16	36.70	36.46
γ 48.0	55.90	54.03	35.42	35.36
γ 49.0	51.11	49.40	34.34	34.19
γ 50.0	46.99	45.71	33.36	33.24
γ 51.0	44.13	42.58	32.49	32.37
γ 52.0	42.36	40.85	31.75	31.61
γ 53.0	40.82	39.42	30.97	30.89
γ 54.0	39.38	38.07	30.35	30.29
γ 55.0	37.97	36.83	29.77	29.72
γ 56.0	36.74	35.65	29.27	29.22
γ 57.0	35.59	34.53	28.75	28.72
γ 58.0	34.56	33.52	28.27	28.21
γ 59.0	33.50	32.56	27.73	27.64
γ 60.0	32.56	31.65	27.17	27.06
γ 61.0	31.65	30.79	26.53	26.42
γ 62.0	30.83	29.97	25.91	25.76
γ 63.0	29.94	29.14	25.10	25.06
γ 64.0	29.05	28.29	24.28	24.24
γ 65.0	28.14	27.44	23.36	23.33
γ 66.0	27.30	26.62	22.47	22.46
γ 67.0	26.40	25.71	21.58	21.59
γ 68.0	25.44	24.72	20.68	20.75
γ 69.0	24.45	23.73	19.77	19.86
γ 70.0	23.50	22.77	18.87	19.01
γ 71.0	22.59	21.83	17.96	18.16
γ 72.0	21.66	20.90	17.06	17.32
γ 73.0	20.75	19.97	16.15	16.48
γ 74.0	19.84	19.06	15.26	15.65
γ 75.0	18.93	18.13	14.38	14.84
γ 76.0	18.02	17.21	13.53	14.03
γ 77.0	17.12	16.30	12.68	13.20
γ 78.0	16.25	15.40	11.86	12.41
γ 79.0	15.35	14.52	11.02	11.63
γ 80.0	14.47	13.64	10.26	10.87
γ 81.0	13.61	12.79	9.48	10.11
γ 82.0	12.78	11.95	8.73	9.37
γ 83.0	11.93	11.12	8.01	8.65
γ 84.0	11.11	10.30	7.30	7.94
γ 85.0	10.29	9.49	6.63	7.27
γ 86.0	9.51	8.73	6.00	6.63
γ 87.0	8.74	7.95	5.65	6.22
γ 88.0	8.00	7.23	5.50	6.03
γ 89.0	7.28	6.52	5.39	5.89
γ 90.0	6.61	5.88	5.28	5.76
γ 91.0	6.18	5.49	5.18	5.64
γ 92.0	5.97	5.34	5.09	5.54
γ 93.0	5.85	5.24	5.00	5.44



Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	5.72	5.14	4.92	5.34
γ 95.0	5.62	5.05	4.84	5.24
γ 96.0	5.50	4.96	4.77	5.15
γ 97.0	5.40	4.87	4.69	5.07
γ 98.0	5.30	4.78	4.63	4.99
γ 99.0	5.20	4.70	4.57	4.92
γ 100.0	5.11	4.62	4.51	4.85
γ 101.0	5.01	4.55	4.47	4.78
γ 102.0	4.93	4.48	4.42	4.73
γ 103.0	4.84	4.41	4.38	4.66
γ 104.0	4.76	4.35	4.34	4.61
γ 105.0	4.69	4.29	4.31	4.57
γ 106.0	4.62	4.23	4.29	4.54
γ 107.0	4.55	4.18	4.27	4.51
γ 108.0	4.50	4.13	4.27	4.49
γ 109.0	4.44	4.09	4.27	4.47
γ 110.0	4.40	4.05	4.27	4.46
γ 111.0	4.34	4.02	4.28	4.46
γ 112.0	4.31	4.00	4.30	4.47
γ 113.0	4.29	3.98	4.33	4.47
γ 114.0	4.27	3.98	4.37	4.51
γ 115.0	4.26	3.98	4.41	4.53
γ 116.0	4.26	4.00	4.48	4.56
γ 117.0	4.26	4.01	4.53	4.62
γ 118.0	4.27	4.04	4.59	4.68
γ 119.0	4.30	4.08	4.68	4.75
γ 120.0	4.34	4.13	4.77	4.82
γ 121.0	4.38	4.18	4.87	4.91
γ 122.0	4.42	4.24	4.98	4.99
γ 123.0	4.50	4.32	5.08	5.09
γ 124.0	4.56	4.40	5.20	5.18
γ 125.0	4.63	4.49	5.32	5.30
γ 126.0	4.73	4.58	5.45	5.43
γ 127.0	4.82	4.70	5.57	5.54
γ 128.0	4.93	4.82	5.72	5.66
γ 129.0	5.04	4.94	5.86	5.80
γ 130.0	5.14	5.06	6.00	5.94
γ 131.0	5.28	5.19	6.17	6.09
γ 132.0	5.39	5.33	6.32	6.23
γ 133.0	5.53	5.47	6.48	6.38
γ 134.0	5.65	5.61	6.65	6.53
γ 135.0	5.80	5.75	6.81	6.69
γ 136.0	5.95	5.91	6.98	6.85
γ 137.0	6.11	6.06	7.16	7.01
γ 138.0	6.26	6.22	7.34	7.18
γ 139.0	6.42	6.39	7.51	7.34
γ 140.0	6.59	6.55	7.68	7.51

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Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	6.76	6.71	7.86	7.67
γ 142.0	6.93	6.88	8.03	7.85
γ 143.0	7.11	7.06	8.21	8.00
γ 144.0	7.30	7.24	8.39	8.17
γ 145.0	7.46	7.42	8.55	8.33
γ 146.0	7.64	7.59	8.72	8.49
γ 147.0	7.81	7.76	8.89	8.66
γ 148.0	7.98	7.94	9.06	8.82
γ 149.0	8.15	8.10	9.21	8.97
γ 150.0	8.34	8.27	9.35	9.11
γ 151.0	8.50	8.44	9.49	9.24
γ 152.0	8.66	8.60	9.61	9.36
γ 153.0	8.82	8.75	9.73	9.49
γ 154.0	8.96	8.90	9.84	9.60
γ 155.0	9.10	9.04	9.96	9.71
γ 156.0	9.23	9.16	10.06	9.82
γ 157.0	9.38	9.31	10.14	9.91
γ 158.0	9.49	9.42	10.24	10.01
γ 159.0	9.61	9.54	10.34	10.11
γ 160.0	9.72	9.63	10.42	10.21
γ 161.0	9.83	9.74	10.50	10.28
γ 162.0	9.93	9.84	10.57	10.37
γ 163.0	10.03	9.95	10.65	10.45
γ 164.0	10.13	10.06	10.73	10.53
γ 165.0	10.22	10.15	10.82	10.61
γ 166.0	10.31	10.24	10.90	10.69
γ 167.0	10.41	10.33	10.97	10.77
γ 168.0	10.49	10.42	11.04	10.83
γ 169.0	10.59	10.50	11.09	10.90
γ 170.0	10.66	10.58	11.15	10.95
γ 171.0	10.76	10.66	11.21	11.02
γ 172.0	10.84	10.74	11.25	11.06
γ 173.0	10.91	10.83	11.29	11.11
γ 174.0	10.99	10.90	11.32	11.15
γ 175.0	11.06	10.95	11.35	11.17
γ 176.0	11.12	11.02	11.36	11.20
γ 177.0	11.16	11.08	11.38	11.21
γ 178.0	11.20	11.14	11.40	11.22
γ 179.0	11.27	11.17	11.39	11.22
γ 180.0	11.29	11.29	11.29	11.29