

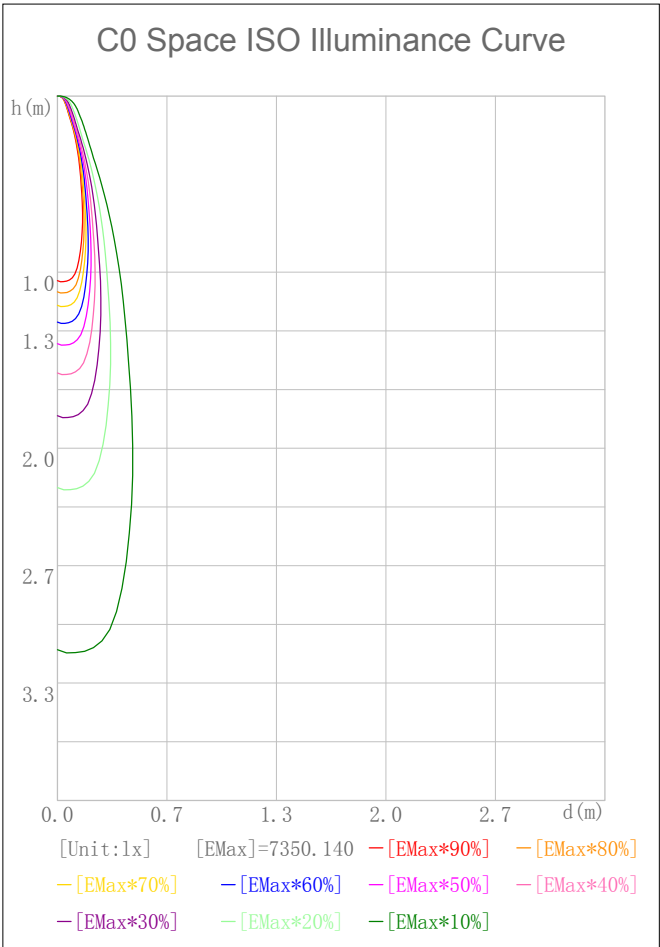
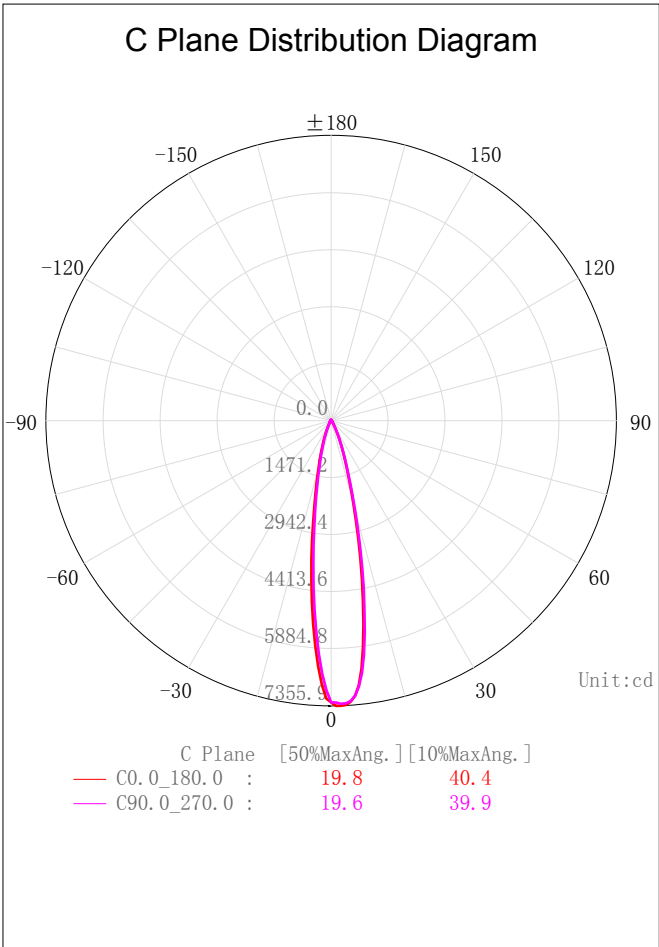
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR05-15-XX-01 4000K 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

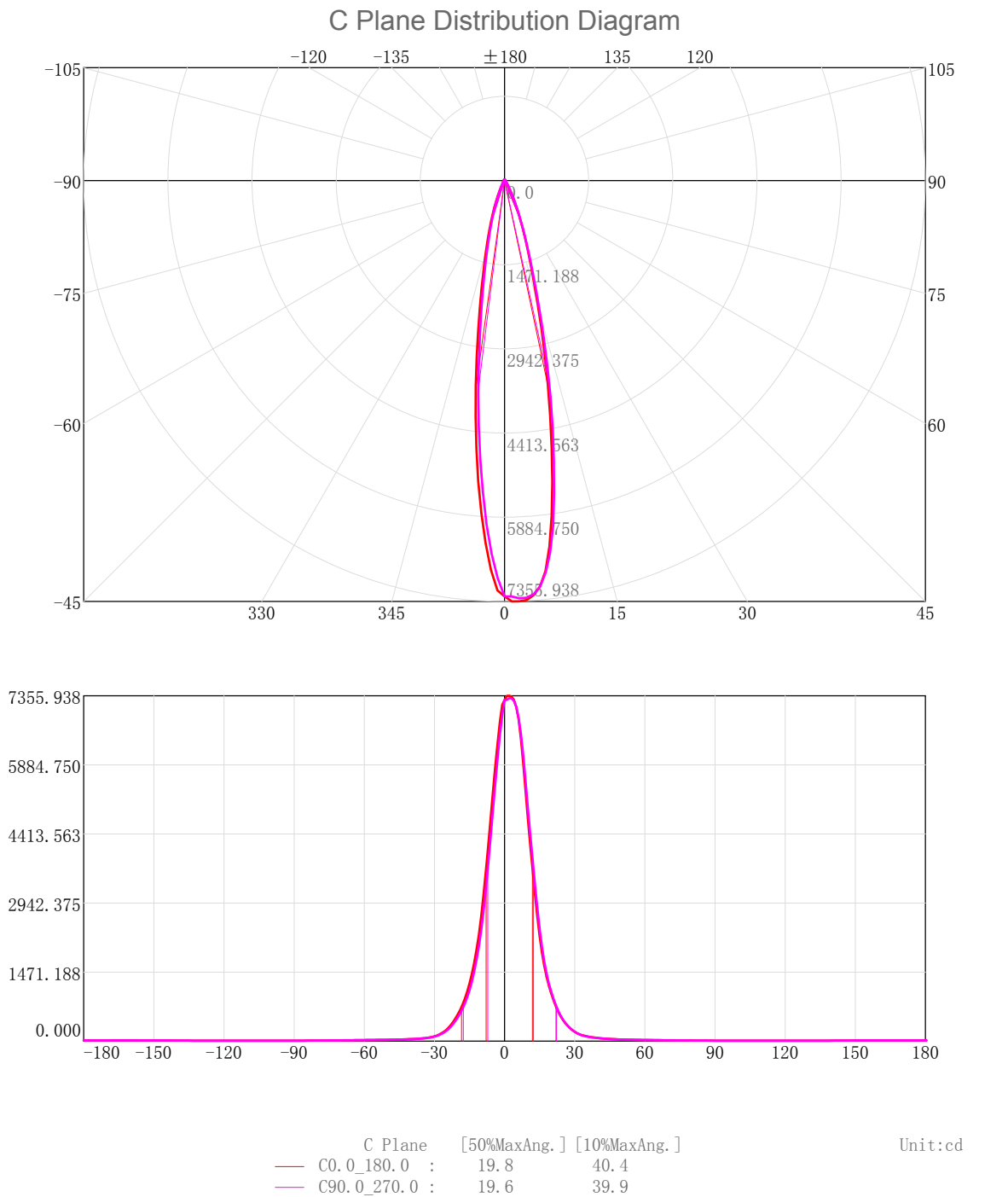
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1420.160	Luminary Flux(lm): 1420.155	Field Angle(10%Imax): 40.4(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1339.441lm 94.32%	
Rated Voltage(V):	Luminary EER(lm/W): 95.633	Up Lumens&Percent: 80.714lm 5.68%	
Tested Power(W): 14.850	Max. Candela(cd): 7355.938	S/MH: C0_a180=0.342 C90_270=0.336	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=2.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.1, 0.064, 0.966	Beam Angle(50%Imax): 19.8(°)	ErP ϕ use(90°): 1254.757lm	
Lamp Size (W*L*H):0.050m*0.000m*0.000m	Left=-7.9°, Right=11.9°	IRF(%): 1083.842	



2D Plane Light Intensity Distribution Curve

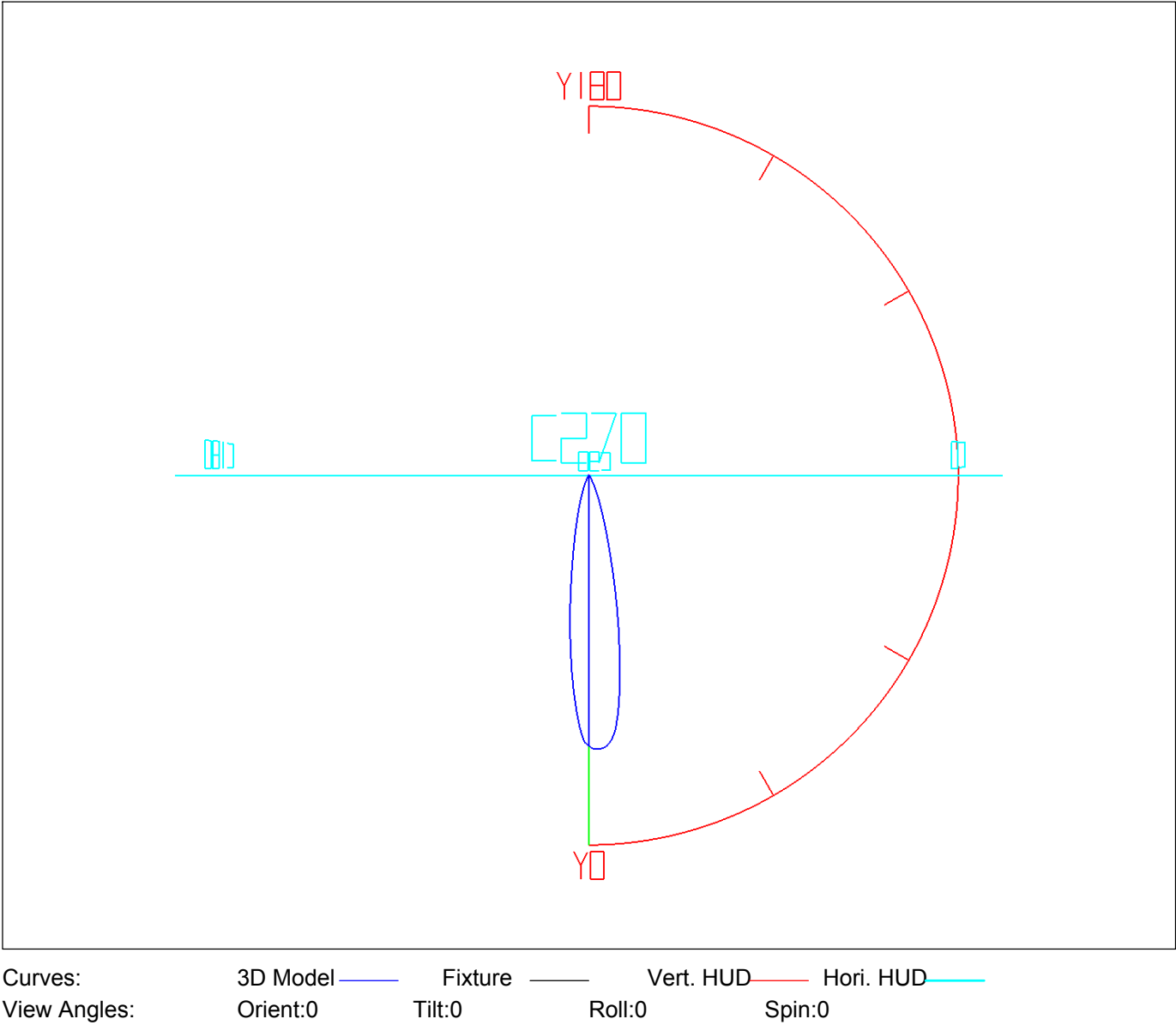
Lum. Name: TR05-15-XX-01 4000K RA90 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/07/09



3D Light Intensity Distribution Modal

Lum. Name:TR05-15-XX-01 4000K 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:TR05-15-XX-01 4000K RA90 15D.IES

Zonal Flux Tabulation

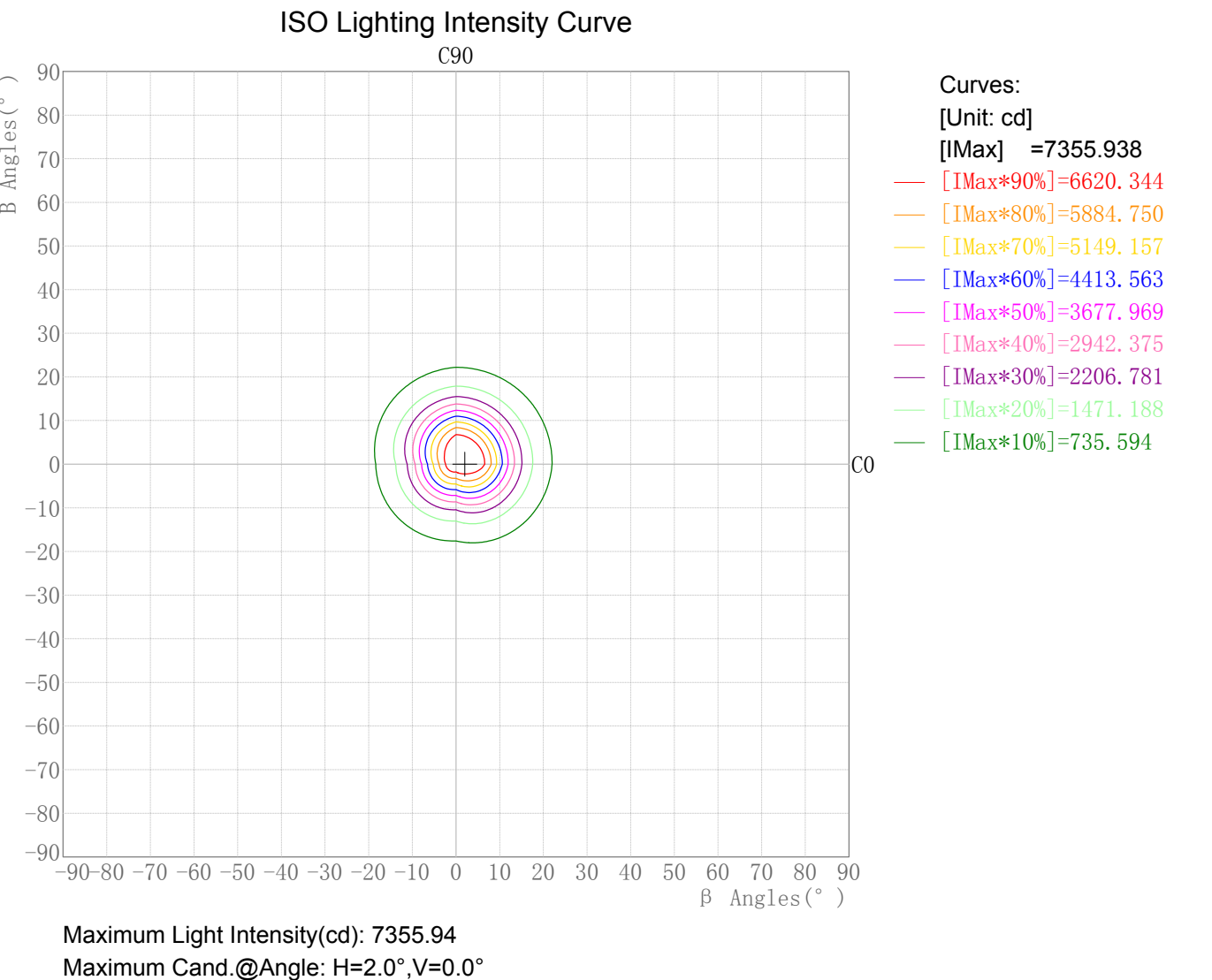
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	6.91	6.91	0.49	0.49	47.0-48.0	3.02	1252.72	0.21	88.21
1.0-2.0	20.35	27.26	1.43	1.92	48.0-49.0	2.93	1255.66	0.21	88.42
2.0-3.0	32.88	60.14	2.31	4.23	49.0-50.0	2.86	1258.51	0.20	88.62
3.0-4.0	44.17	104.30	3.11	7.34	50.0-51.0	2.79	1261.30	0.20	88.81
4.0-5.0	53.96	158.27	3.80	11.14	51.0-52.0	2.74	1264.04	0.19	89.01
5.0-6.0	61.95	220.21	4.36	15.51	52.0-53.0	2.69	1266.74	0.19	89.20
6.0-7.0	67.73	287.95	4.77	20.28	53.0-54.0	2.65	1269.39	0.19	89.38
7.0-8.0	71.14	359.09	5.01	25.28	54.0-55.0	2.61	1272.00	0.18	89.57
8.0-9.0	72.17	431.26	5.08	30.37	55.0-56.0	2.57	1274.58	0.18	89.75
9.0-10.0	71.21	502.47	5.01	35.38	56.0-57.0	2.54	1277.11	0.18	89.93
10.0-11.0	68.94	571.41	4.85	40.24	57.0-58.0	2.49	1279.61	0.18	90.10
11.0-12.0	65.72	637.12	4.63	44.86	58.0-59.0	2.45	1282.06	0.17	90.28
12.0-13.0	61.61	698.73	4.34	49.20	59.0-60.0	2.42	1284.48	0.17	90.45
13.0-14.0	56.91	755.65	4.01	53.21	60.0-61.0	2.38	1286.85	0.17	90.61
14.0-15.0	51.95	807.60	3.66	56.87	61.0-62.0	2.34	1289.20	0.16	90.78
15.0-16.0	47.02	854.62	3.31	60.18	62.0-63.0	2.31	1291.50	0.16	90.94
16.0-17.0	42.42	897.04	2.99	63.16	63.0-64.0	2.27	1293.77	0.16	91.10
17.0-18.0	38.29	935.33	2.70	65.86	64.0-65.0	2.23	1296.00	0.16	91.26
18.0-19.0	34.54	969.86	2.43	68.29	65.0-66.0	2.18	1298.18	0.15	91.41
19.0-20.0	31.08	1000.94	2.19	70.48	66.0-67.0	2.14	1300.33	0.15	91.56
20.0-21.0	27.87	1028.82	1.96	72.44	67.0-68.0	2.10	1302.43	0.15	91.71
21.0-22.0	24.85	1053.66	1.75	74.19	68.0-69.0	2.06	1304.49	0.15	91.86
22.0-23.0	21.99	1075.66	1.55	75.74	69.0-70.0	2.02	1306.51	0.14	92.00
23.0-24.0	19.37	1095.03	1.36	77.11	70.0-71.0	1.98	1308.49	0.14	92.14
24.0-25.0	17.02	1112.05	1.20	78.30	71.0-72.0	1.94	1310.43	0.14	92.27
25.0-26.0	14.92	1126.97	1.05	79.35	72.0-73.0	1.90	1312.34	0.13	92.41
26.0-27.0	13.07	1140.04	0.92	80.28	73.0-74.0	1.86	1314.20	0.13	92.54
27.0-28.0	11.45	1151.49	0.81	81.08	74.0-75.0	1.82	1316.02	0.13	92.67
28.0-29.0	10.05	1161.55	0.71	81.79	75.0-76.0	1.79	1317.81	0.13	92.79
29.0-30.0	8.85	1170.40	0.62	82.41	76.0-77.0	1.75	1319.56	0.12	92.92
30.0-31.0	7.83	1178.24	0.55	82.97	77.0-78.0	1.72	1321.28	0.12	93.04
31.0-32.0	6.99	1185.22	0.49	83.46	78.0-79.0	1.69	1322.97	0.12	93.16
32.0-33.0	6.33	1191.55	0.45	83.90	79.0-80.0	1.65	1324.62	0.12	93.27
33.0-34.0	5.82	1197.37	0.41	84.31	80.0-81.0	1.62	1326.23	0.11	93.39
34.0-35.0	5.40	1202.77	0.38	84.69	81.0-82.0	1.58	1327.82	0.11	93.50
35.0-36.0	5.04	1207.81	0.35	85.05	82.0-83.0	1.55	1329.37	0.11	93.61
36.0-37.0	4.74	1212.55	0.33	85.38	83.0-84.0	1.52	1330.89	0.11	93.71
37.0-38.0	4.50	1217.05	0.32	85.70	84.0-85.0	1.49	1332.38	0.11	93.82
38.0-39.0	4.28	1221.32	0.30	86.00	85.0-86.0	1.46	1333.85	0.10	93.92
39.0-40.0	4.08	1225.40	0.29	86.29	86.0-87.0	1.44	1335.28	0.10	94.02
40.0-41.0	3.90	1229.29	0.27	86.56	87.0-88.0	1.41	1336.69	0.10	94.12
41.0-42.0	3.74	1233.03	0.26	86.82	88.0-89.0	1.39	1338.08	0.10	94.22
42.0-43.0	3.59	1236.62	0.25	87.08	89.0-90.0	1.36	1339.44	0.10	94.32
43.0-44.0	3.45	1240.07	0.24	87.32	90.0-91.0	1.34	1340.79	0.09	94.41
44.0-45.0	3.32	1243.40	0.23	87.55	91.0-92.0	1.33	1342.11	0.09	94.50
45.0-46.0	3.21	1246.60	0.23	87.78	92.0-93.0	1.32	1343.43	0.09	94.60
46.0-47.0	3.10	1249.71	0.22	88.00	93.0-94.0	1.31	1344.74	0.09	94.69

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	1346.03	0.09	94.78	141.0-142.0	0.99	1396.98	0.07	98.37
95.0-96.0	1.28	1347.32	0.09	94.87	142.0-143.0	0.99	1397.97	0.07	98.44
96.0-97.0	1.28	1348.59	0.09	94.96	143.0-144.0	0.99	1398.96	0.07	98.51
97.0-98.0	1.26	1349.85	0.09	95.05	144.0-145.0	0.99	1399.95	0.07	98.58
98.0-99.0	1.25	1351.10	0.09	95.14	145.0-146.0	0.98	1400.94	0.07	98.65
99.0-100.0	1.24	1352.35	0.09	95.22	146.0-147.0	0.98	1401.92	0.07	98.72
100.0-101.0	1.23	1353.58	0.09	95.31	147.0-148.0	0.97	1402.89	0.07	98.78
101.0-102.0	1.22	1354.80	0.09	95.40	148.0-149.0	0.96	1403.84	0.07	98.85
102.0-103.0	1.21	1356.01	0.09	95.48	149.0-150.0	0.95	1404.79	0.07	98.92
103.0-104.0	1.20	1357.21	0.08	95.57	150.0-151.0	0.93	1405.72	0.07	98.98
104.0-105.0	1.20	1358.41	0.08	95.65	151.0-152.0	0.91	1406.63	0.06	99.05
105.0-106.0	1.19	1359.60	0.08	95.74	152.0-153.0	0.89	1407.53	0.06	99.11
106.0-107.0	1.18	1360.78	0.08	95.82	153.0-154.0	0.87	1408.40	0.06	99.17
107.0-108.0	1.17	1361.95	0.08	95.90	154.0-155.0	0.85	1409.25	0.06	99.23
108.0-109.0	1.16	1363.11	0.08	95.98	155.0-156.0	0.83	1410.08	0.06	99.29
109.0-110.0	1.15	1364.26	0.08	96.06	156.0-157.0	0.80	1410.88	0.06	99.35
110.0-111.0	1.14	1365.40	0.08	96.14	157.0-158.0	0.77	1411.65	0.05	99.40
111.0-112.0	1.13	1366.52	0.08	96.22	158.0-159.0	0.74	1412.39	0.05	99.45
112.0-113.0	1.12	1367.64	0.08	96.30	159.0-160.0	0.71	1413.10	0.05	99.50
113.0-114.0	1.11	1368.75	0.08	96.38	160.0-161.0	0.68	1413.79	0.05	99.55
114.0-115.0	1.10	1369.85	0.08	96.46	161.0-162.0	0.65	1414.43	0.05	99.60
115.0-116.0	1.09	1370.94	0.08	96.53	162.0-163.0	0.62	1415.05	0.04	99.64
116.0-117.0	1.08	1372.02	0.08	96.61	163.0-164.0	0.58	1415.63	0.04	99.68
117.0-118.0	1.07	1373.09	0.08	96.69	164.0-165.0	0.55	1416.18	0.04	99.72
118.0-119.0	1.06	1374.15	0.07	96.76	165.0-166.0	0.51	1416.69	0.04	99.76
119.0-120.0	1.05	1375.20	0.07	96.83	166.0-167.0	0.48	1417.17	0.03	99.79
120.0-121.0	1.04	1376.24	0.07	96.91	167.0-168.0	0.44	1417.62	0.03	99.82
121.0-122.0	1.03	1377.26	0.07	96.98	168.0-169.0	0.41	1418.02	0.03	99.85
122.0-123.0	1.02	1378.28	0.07	97.05	169.0-170.0	0.37	1418.40	0.03	99.88
123.0-124.0	1.01	1379.29	0.07	97.12	170.0-171.0	0.34	1418.73	0.02	99.90
124.0-125.0	1.00	1380.29	0.07	97.19	171.0-172.0	0.30	1419.03	0.02	99.92
125.0-126.0	0.99	1381.29	0.07	97.26	172.0-173.0	0.26	1419.30	0.02	99.94
126.0-127.0	0.99	1382.27	0.07	97.33	173.0-174.0	0.23	1419.52	0.02	99.96
127.0-128.0	0.98	1383.26	0.07	97.40	174.0-175.0	0.19	1419.72	0.01	99.97
128.0-129.0	0.98	1384.23	0.07	97.47	175.0-176.0	0.16	1419.88	0.01	99.98
129.0-130.0	0.98	1385.21	0.07	97.54	176.0-177.0	0.12	1420.00	0.01	99.99
130.0-131.0	0.97	1386.18	0.07	97.61	177.0-178.0	0.09	1420.09	0.01	99.99
131.0-132.0	0.97	1387.16	0.07	97.68	178.0-179.0	0.05	1420.14	0.00	100.00
132.0-133.0	0.97	1388.13	0.07	97.74	179.0-180.0	0.02	1420.16	0.00	100.00
133.0-134.0	0.97	1389.10	0.07	97.81					
134.0-135.0	0.98	1390.08	0.07	97.88					
135.0-136.0	0.98	1391.06	0.07	97.95					
136.0-137.0	0.98	1392.04	0.07	98.02					
137.0-138.0	0.98	1393.02	0.07	98.09					
138.0-139.0	0.99	1394.01	0.07	98.16					
139.0-140.0	0.99	1395.00	0.07	98.23					
140.0-141.0	0.99	1395.99	0.07	98.30					

Rectangle ISO Lighting Intensity Diagram

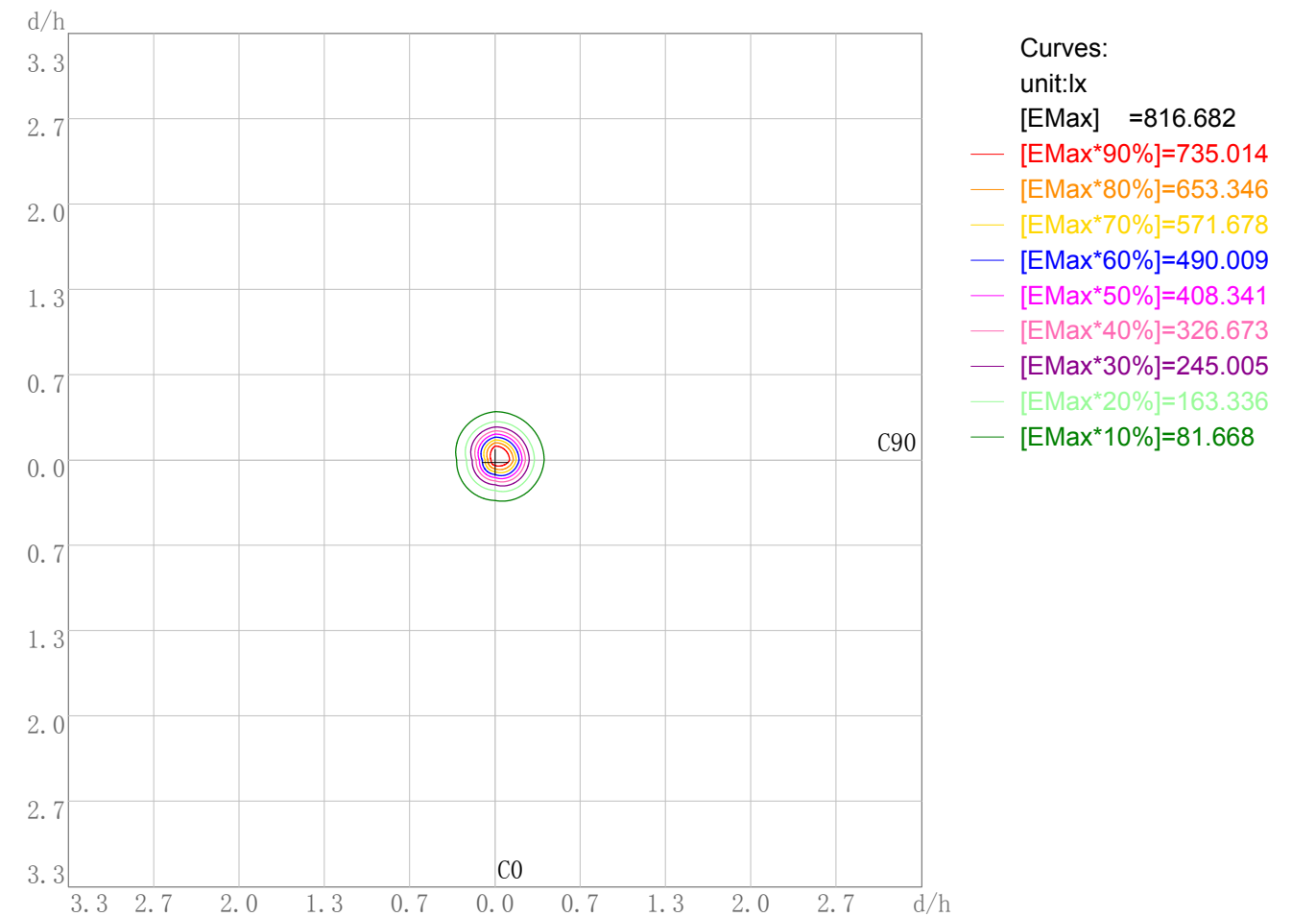
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Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/07/09



Plane ISO-Illuminance Diagram

Lum. Name:TR05-15-XX-01 4000K 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): 816.68
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

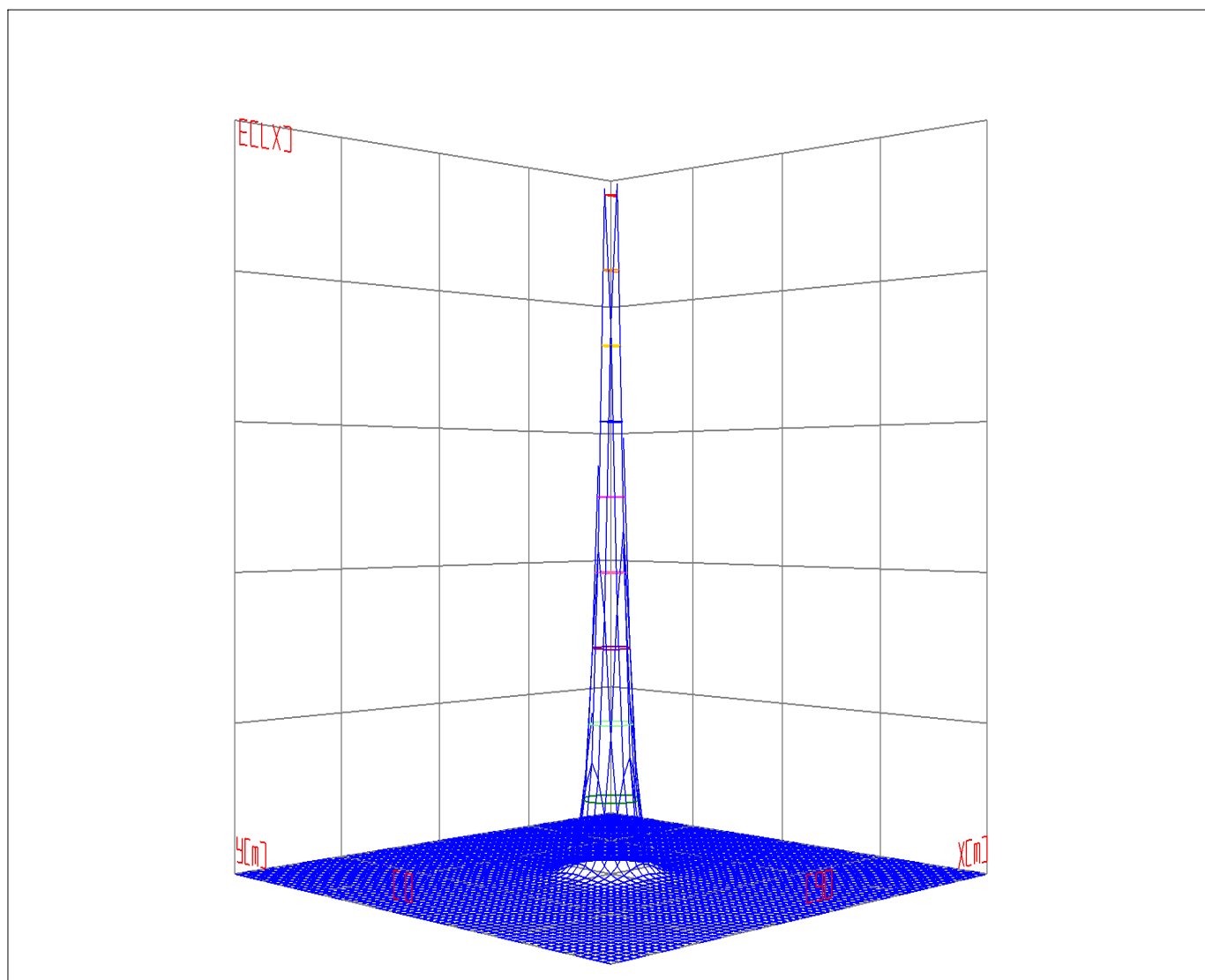
IES Indoor Report

Photometric Filename:TR05-15-XX-01 4000K RA90 15D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: TR05-15-XX-01 4000K 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

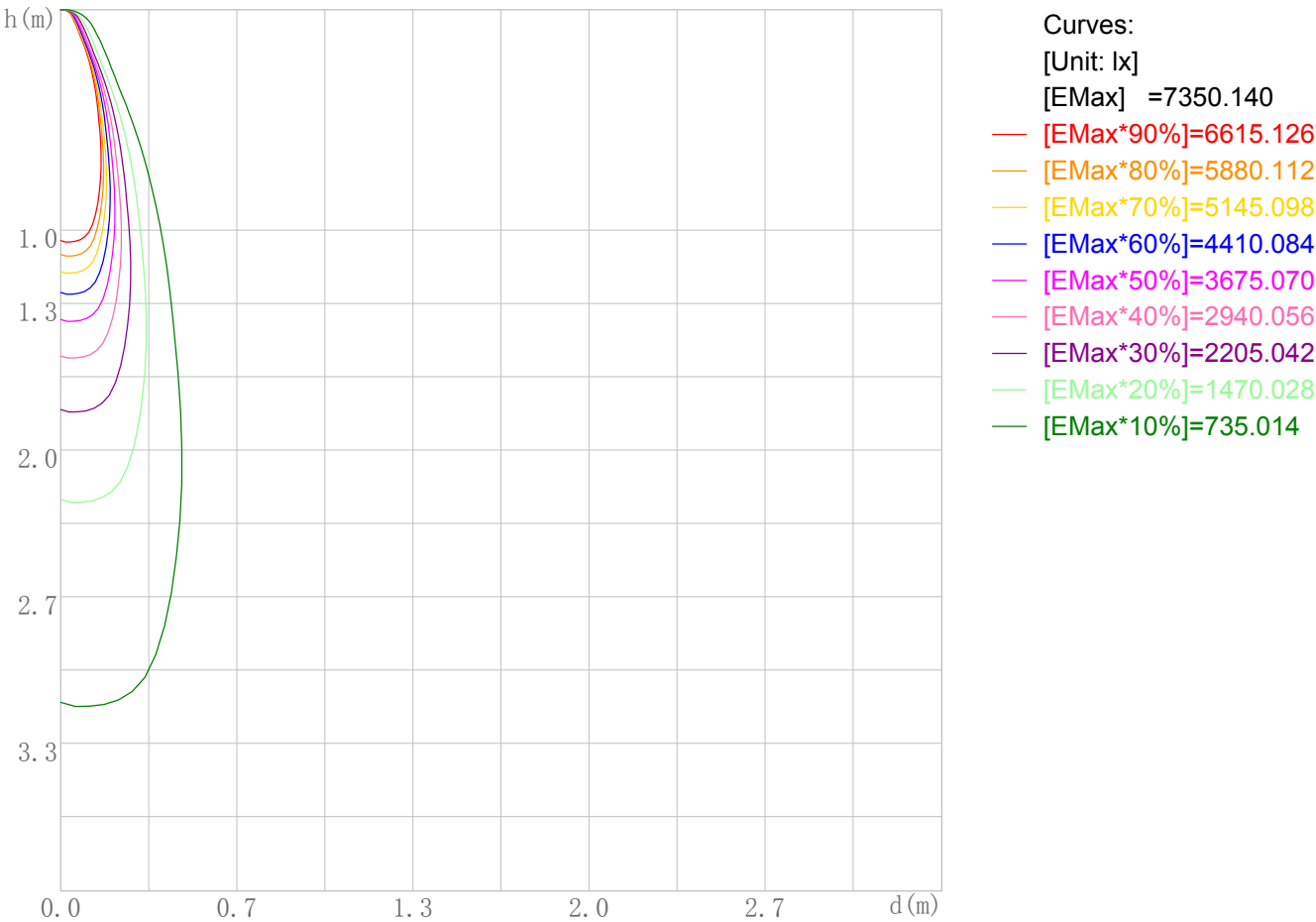


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: TR05-15-XX-01 4000K 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

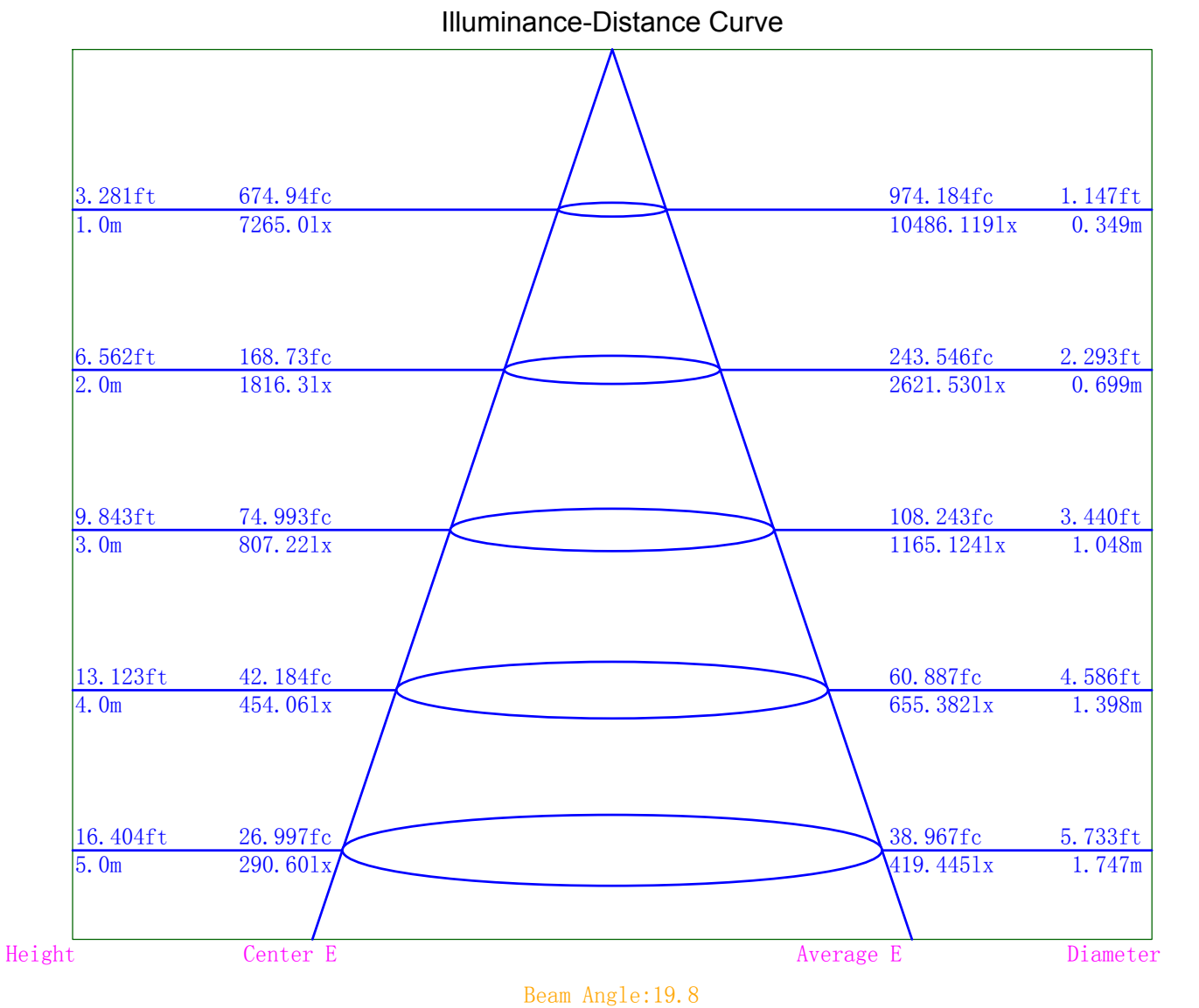
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:7350.14lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:7355.938cd,0deg

Illuminance-Distance Diagram

Lum. Name:TR05-15-XX-01 4000K 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 Luminance Limiting Curves

Lum. Name: TR05-15-XX-01 4000K 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

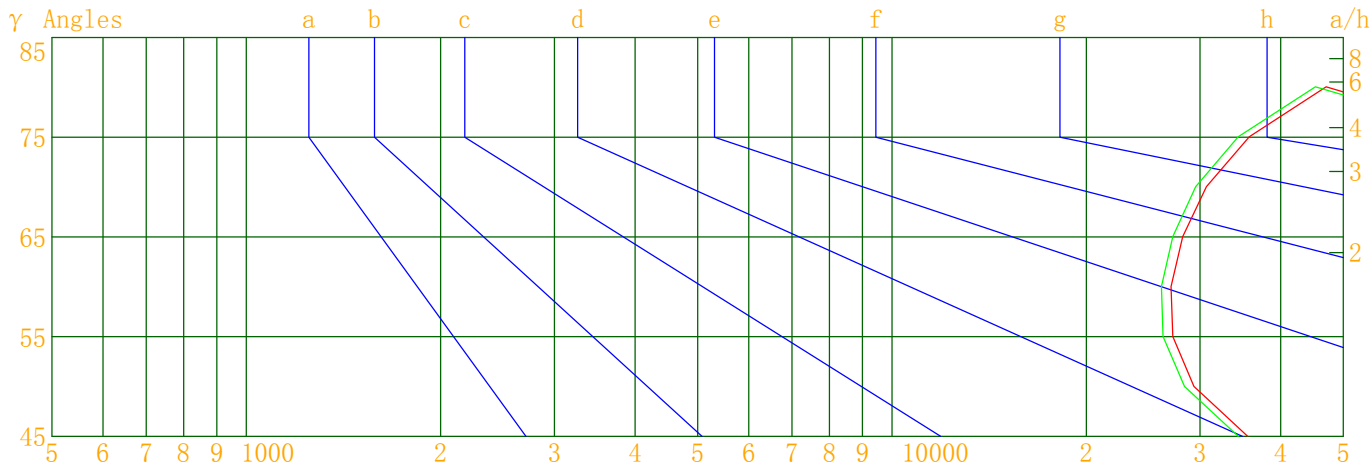
Glare Grade Table

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	35565	29357	27227	27052	28196	30691	35762	47038	83387
C90	34376	28387	26288	26140	27226	29536	34385	45273	81201

Luminance Limiting Curve



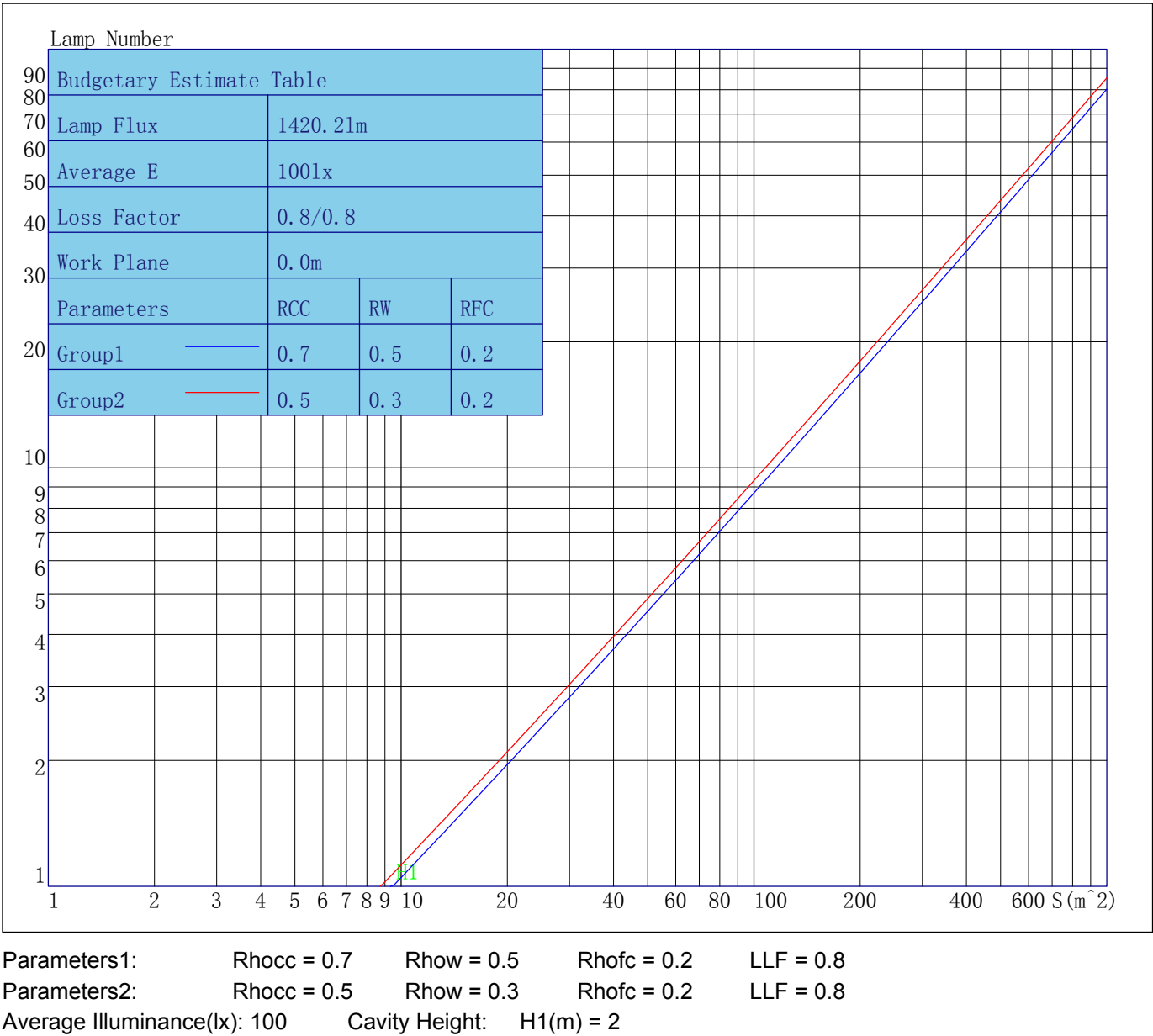
Luminous Size: Length(m)=0.000 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963

Luminous Type: Without Luminous Side

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

Indoor Budgetary Estimate Table

Lum. Name: TR05-15-XX-01 4000K 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: TR05-15-XX-01 4000K 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	97	97	97	94
1	112	110	107	105	109	107	105	103	102	100	99	97	96	95	93	92	91	89
2	108	104	100	97	105	101	98	95	97	95	92	93	91	90	90	88	87	85
3	104	98	94	91	101	96	93	89	93	90	87	90	87	85	87	85	83	82
4	100	94	89	86	98	92	88	85	89	86	83	87	84	82	85	82	80	79
5	97	90	85	82	95	89	84	81	86	83	80	84	81	79	82	79	77	76
6	93	86	82	78	92	85	81	78	83	80	77	82	78	76	80	77	75	74
7	91	83	79	75	89	82	78	75	81	77	74	79	76	73	78	75	73	71
8	88	81	76	73	87	80	75	72	78	75	72	77	74	71	76	73	71	69
9	85	78	74	70	84	77	73	70	76	72	70	75	72	69	74	71	69	68
10	83	76	71	68	82	75	71	68	74	70	68	73	70	67	72	69	67	66

Unified Glare Rating Table

Lum. Name:TR05-15-XX-01 4000K 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	18.0	18.9	18.4	19.3	19.8	17.8	18.7	18.3	19.2	19.6
	19.7	20.5	20.1	20.9	21.4	19.5	20.3	20.0	20.7	21.3
	20.7	21.5	21.2	21.9	22.4	20.5	21.2	21.0	21.7	22.2
	21.9	22.6	22.4	23.1	23.6	21.7	22.4	22.2	22.9	23.4
	22.6	23.2	23.1	23.7	24.3	22.4	23.0	22.9	23.5	24.1
	23.4	24.0	23.9	24.5	25.1	23.2	23.8	23.7	24.3	24.9
X=4H Y=2H	18.5	19.3	19.0	19.7	20.2	18.3	19.1	18.9	19.6	20.1
	20.5	21.1	21.0	21.6	22.2	20.3	20.9	20.8	21.5	22.0
	21.7	22.3	22.2	22.8	23.4	21.5	22.1	22.1	22.6	23.2
	23.1	23.6	23.7	24.2	24.8	22.9	23.4	23.5	24.0	24.6
	23.9	24.4	24.5	25.0	25.6	23.7	24.2	24.3	24.7	25.4
	24.9	25.3	25.5	25.9	26.5	24.7	25.1	25.3	25.7	26.3
X=8H Y=4H	22.2	22.6	22.8	23.2	23.8	22.0	22.5	22.6	23.0	23.6
	23.9	24.2	24.5	24.8	25.5	23.7	24.1	24.3	24.7	25.3
	24.9	25.2	25.5	25.8	26.5	24.7	25.0	25.3	25.6	26.3
	26.1	26.4	26.7	27.0	27.7	25.9	26.2	26.5	26.8	27.5
X=12H Y=4H	22.3	22.7	22.9	23.3	23.9	22.1	22.5	22.7	23.1	23.7
	24.1	24.4	24.7	25.0	25.7	23.9	24.2	24.5	24.8	25.5
	25.2	25.5	25.8	26.1	26.8	25.0	25.3	25.7	25.9	26.6
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/-0.1				
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.

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	7265.01	7265.01	7265.01	7265.01
γ 1.0	7353.50	7269.84	7161.22	6941.38
γ 2.0	7355.94	7303.86	6804.37	6523.02
γ 3.0	7338.81	7299.56	6342.22	6015.97
γ 4.0	7264.49	7246.53	5821.98	5447.56
γ 5.0	7117.42	7120.73	5273.50	4882.12
γ 6.0	6858.92	6882.52	4705.86	4310.65
γ 7.0	6440.88	6545.65	4150.08	3755.90
γ 8.0	5914.45	6094.96	3618.11	3239.31
γ 9.0	5332.11	5539.37	3117.99	2765.39
γ 10.0	4735.88	4964.99	2658.36	2360.97
γ 11.0	4181.90	4413.86	2266.00	2015.43
γ 12.0	3642.77	3865.24	1939.07	1722.69
γ 13.0	3129.37	3332.86	1659.24	1473.94
γ 14.0	2659.84	2843.01	1426.45	1261.08
γ 15.0	2240.17	2398.36	1225.74	1082.92
γ 16.0	1886.46	2015.48	1053.53	932.65
γ 17.0	1606.14	1696.93	903.61	802.10
γ 18.0	1371.40	1441.21	777.94	689.12
γ 19.0	1177.15	1225.12	666.50	591.86
γ 20.0	1008.91	1045.62	570.05	507.14
γ 21.0	863.41	892.90	484.83	433.17
γ 22.0	735.42	760.15	409.55	366.47
γ 23.0	625.91	643.46	343.52	308.25
γ 24.0	533.51	543.65	287.11	258.87
γ 25.0	454.05	459.75	239.42	217.02
γ 26.0	385.74	389.74	200.46	182.38
γ 27.0	326.92	330.12	167.80	154.32
γ 28.0	277.46	280.09	141.40	131.34
γ 29.0	236.16	237.01	120.29	113.21
γ 30.0	202.13	200.40	103.62	98.86
γ 31.0	171.96	171.25	90.24	87.71
γ 32.0	149.03	147.82	80.19	77.45
γ 33.0	131.73	129.16	72.72	70.69
γ 34.0	118.55	114.82	66.59	65.22
γ 35.0	106.18	102.87	61.33	60.45
γ 36.0	96.07	92.90	56.83	56.20
γ 37.0	88.09	85.22	52.97	52.99
γ 38.0	81.16	78.63	49.79	49.94
γ 39.0	74.69	72.47	47.13	47.35
γ 40.0	68.97	66.94	44.73	45.10
γ 41.0	63.88	62.17	42.72	43.11
γ 42.0	59.46	57.84	40.87	41.25
γ 43.0	55.60	54.10	39.01	39.48
γ 44.0	52.31	50.75	37.17	37.62
γ 45.0	49.38	47.73	35.30	35.73
γ 46.0	46.57	44.88	33.94	34.29

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	43.95	42.40	32.81	33.30
γ 48.0	41.44	40.09	31.92	32.51
γ 49.0	39.10	37.75	31.16	31.72
γ 50.0	37.05	35.83	30.47	30.97
γ 51.0	35.34	34.17	29.79	30.34
γ 52.0	34.02	32.78	29.08	29.73
γ 53.0	32.78	31.74	28.44	29.13
γ 54.0	31.69	30.71	27.82	28.44
γ 55.0	30.66	29.61	27.26	27.98
γ 56.0	29.71	28.85	26.59	27.27
γ 57.0	28.81	27.89	26.04	26.67
γ 58.0	27.95	27.14	25.37	25.90
γ 59.0	27.25	26.38	24.75	25.25
γ 60.0	26.56	25.66	24.20	24.46
γ 61.0	25.92	25.00	23.56	23.92
γ 62.0	25.30	24.37	23.04	23.33
γ 63.0	24.72	23.85	22.42	22.76
γ 64.0	24.06	23.22	21.81	22.13
γ 65.0	23.40	22.59	21.23	21.53
γ 66.0	22.88	21.98	20.57	20.94
γ 67.0	22.31	21.48	20.07	20.33
γ 68.0	21.75	20.89	19.49	19.82
γ 69.0	21.19	20.28	18.93	19.25
γ 70.0	20.61	19.83	18.41	18.72
γ 71.0	20.15	19.31	17.94	18.28
γ 72.0	19.60	18.85	17.47	17.78
γ 73.0	19.07	18.42	16.97	17.27
γ 74.0	18.63	17.92	16.59	16.85
γ 75.0	18.17	17.47	16.11	16.41
γ 76.0	17.72	17.05	15.74	16.08
γ 77.0	17.28	16.65	15.26	15.69
γ 78.0	16.87	16.28	14.94	15.37
γ 79.0	16.49	15.89	14.69	14.99
γ 80.0	16.04	15.44	14.32	14.56
γ 81.0	15.69	15.14	13.98	14.30
γ 82.0	15.36	14.80	13.67	13.93
γ 83.0	14.98	14.44	13.39	13.64
γ 84.0	14.73	14.11	13.12	13.36
γ 85.0	14.27	13.90	12.74	13.12
γ 86.0	13.95	13.58	12.57	12.81
γ 87.0	13.77	13.25	12.36	12.58
γ 88.0	13.44	12.98	12.15	12.45
γ 89.0	13.20	12.66	12.06	12.19
γ 90.0	12.91	12.51	11.88	12.11
γ 91.0	12.69	12.35	11.72	11.93
γ 92.0	12.56	12.08	11.73	11.92
γ 93.0	12.48	12.08	11.57	11.77

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	12.36	12.04	11.46	11.68
γ 95.0	12.29	11.97	11.31	11.61
γ 96.0	12.20	11.90	11.36	11.54
γ 97.0	12.15	11.77	11.23	11.47
γ 98.0	12.02	11.67	11.12	11.40
γ 99.0	11.99	11.67	11.09	11.27
γ 100.0	11.85	11.60	11.06	11.26
γ 101.0	11.79	11.48	11.03	11.21
γ 102.0	11.77	11.48	10.99	11.18
γ 103.0	11.69	11.43	10.95	11.14
γ 104.0	11.66	11.39	10.92	11.20
γ 105.0	11.61	11.34	10.92	11.07
γ 106.0	11.55	11.29	10.91	11.10
γ 107.0	11.57	11.30	10.92	11.06
γ 108.0	11.48	11.24	10.94	11.02
γ 109.0	11.46	11.22	10.88	11.03
γ 110.0	11.39	11.16	10.81	11.02
γ 111.0	11.32	11.18	10.85	11.00
γ 112.0	11.26	11.12	10.85	10.98
γ 113.0	11.21	11.09	10.90	10.98
γ 114.0	11.19	11.07	10.90	11.02
γ 115.0	11.08	10.94	10.92	11.00
γ 116.0	11.18	10.88	10.95	11.01
γ 117.0	11.04	10.94	11.04	11.12
γ 118.0	10.99	10.87	10.97	11.09
γ 119.0	10.90	10.75	11.15	11.12
γ 120.0	10.87	10.76	11.12	11.19
γ 121.0	10.78	10.71	11.15	11.14
γ 122.0	10.80	10.74	11.19	11.32
γ 123.0	10.80	10.69	11.25	11.38
γ 124.0	10.79	10.65	11.32	11.47
γ 125.0	10.85	10.68	11.46	11.38
γ 126.0	10.86	10.68	11.54	11.58
γ 127.0	10.93	10.71	11.66	11.71
γ 128.0	10.94	10.74	11.80	11.82
γ 129.0	11.00	10.88	11.92	12.00
γ 130.0	11.10	10.92	12.22	12.23
γ 131.0	11.23	11.03	12.31	12.48
γ 132.0	11.31	11.19	12.62	12.64
γ 133.0	11.50	11.18	12.83	12.90
γ 134.0	11.70	11.47	13.08	13.21
γ 135.0	11.83	11.65	13.41	13.48
γ 136.0	12.05	11.89	13.73	13.87
γ 137.0	12.26	12.05	13.99	14.14
γ 138.0	12.50	12.31	14.32	14.52
γ 139.0	12.70	12.65	14.62	14.88
γ 140.0	13.13	12.91	14.99	15.16

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	13.36	13.15	15.46	15.54
γ 142.0	13.69	13.46	15.77	15.94
γ 143.0	13.96	13.77	16.11	16.24
γ 144.0	14.37	14.09	16.45	16.50
γ 145.0	14.71	14.45	16.78	16.77
γ 146.0	14.99	14.89	17.12	17.08
γ 147.0	15.41	15.20	17.38	17.33
γ 148.0	15.78	15.47	17.66	17.53
γ 149.0	16.07	15.80	17.74	17.76
γ 150.0	16.39	16.12	18.06	17.90
γ 151.0	16.63	16.50	18.19	18.06
γ 152.0	16.93	16.79	18.31	18.17
γ 153.0	17.22	17.03	18.52	18.32
γ 154.0	17.42	17.24	18.64	18.37
γ 155.0	17.72	17.48	18.83	18.52
γ 156.0	17.86	17.62	18.82	18.61
γ 157.0	18.00	17.81	18.96	18.63
γ 158.0	18.11	17.94	19.02	18.61
γ 159.0	18.32	18.09	19.00	18.70
γ 160.0	18.45	18.09	19.07	18.68
γ 161.0	18.52	18.18	19.09	18.72
γ 162.0	18.64	18.24	19.10	18.76
γ 163.0	18.74	18.33	19.05	18.68
γ 164.0	18.72	18.36	19.07	18.65
γ 165.0	18.75	18.40	18.98	18.55
γ 166.0	18.77	18.48	19.06	18.60
γ 167.0	18.85	18.50	18.93	18.50
γ 168.0	18.85	18.47	18.90	18.42
γ 169.0	18.78	18.60	18.84	18.37
γ 170.0	18.80	18.53	18.67	18.30
γ 171.0	18.75	18.53	18.67	18.15
γ 172.0	18.70	18.55	18.53	18.12
γ 173.0	18.71	18.50	18.46	18.05
γ 174.0	18.63	18.42	18.39	18.00
γ 175.0	18.60	18.45	18.28	18.04
γ 176.0	18.45	18.37	18.33	18.04
γ 177.0	18.36	18.32	18.33	18.00
γ 178.0	18.38	18.26	18.29	18.16
γ 179.0	18.36	18.24	18.41	18.14
γ 180.0	18.30	18.30	18.30	18.30