

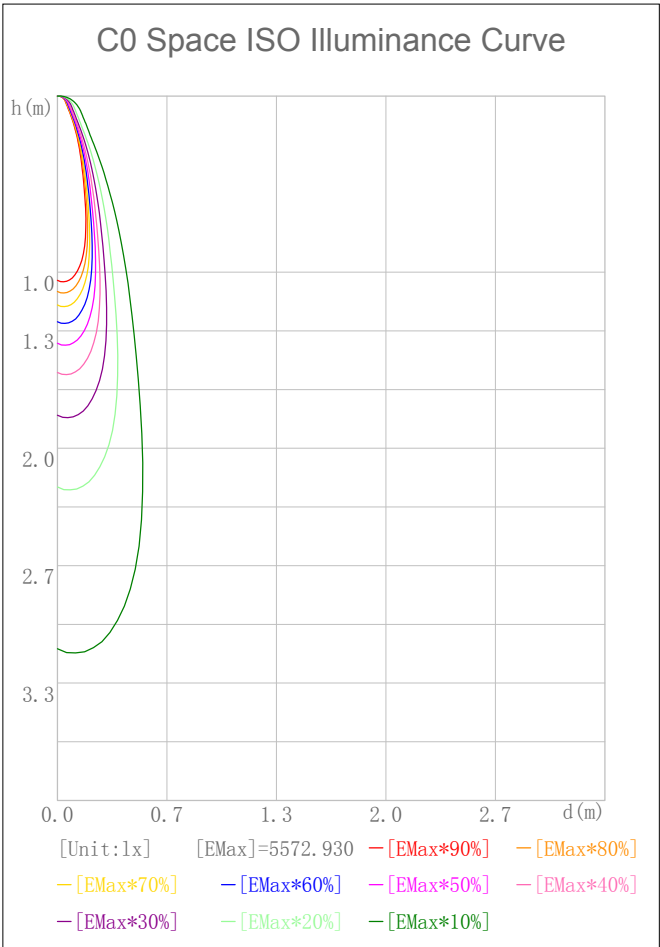
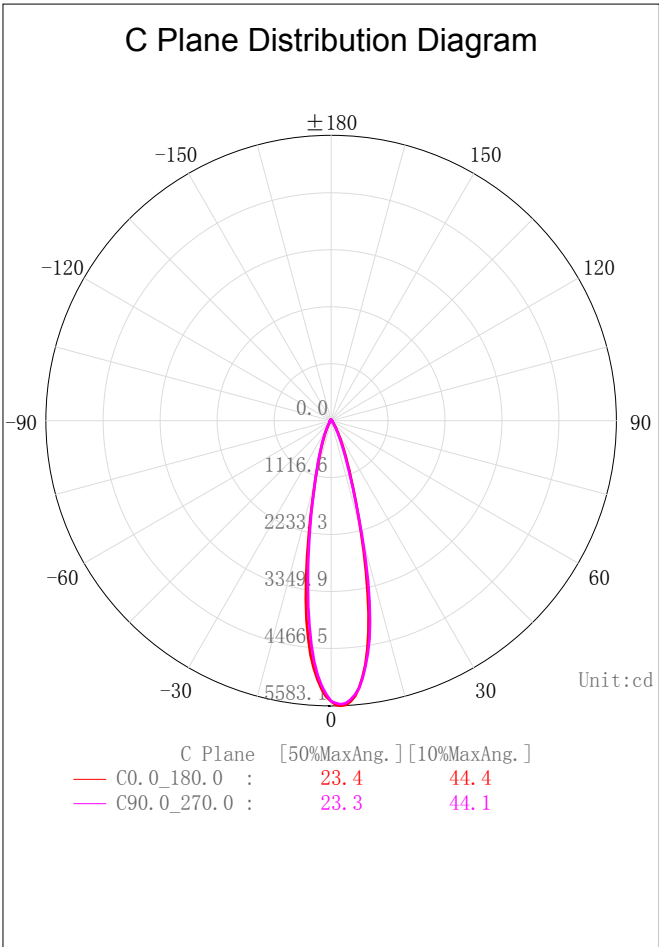
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR04-15-XX-01 4000K 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

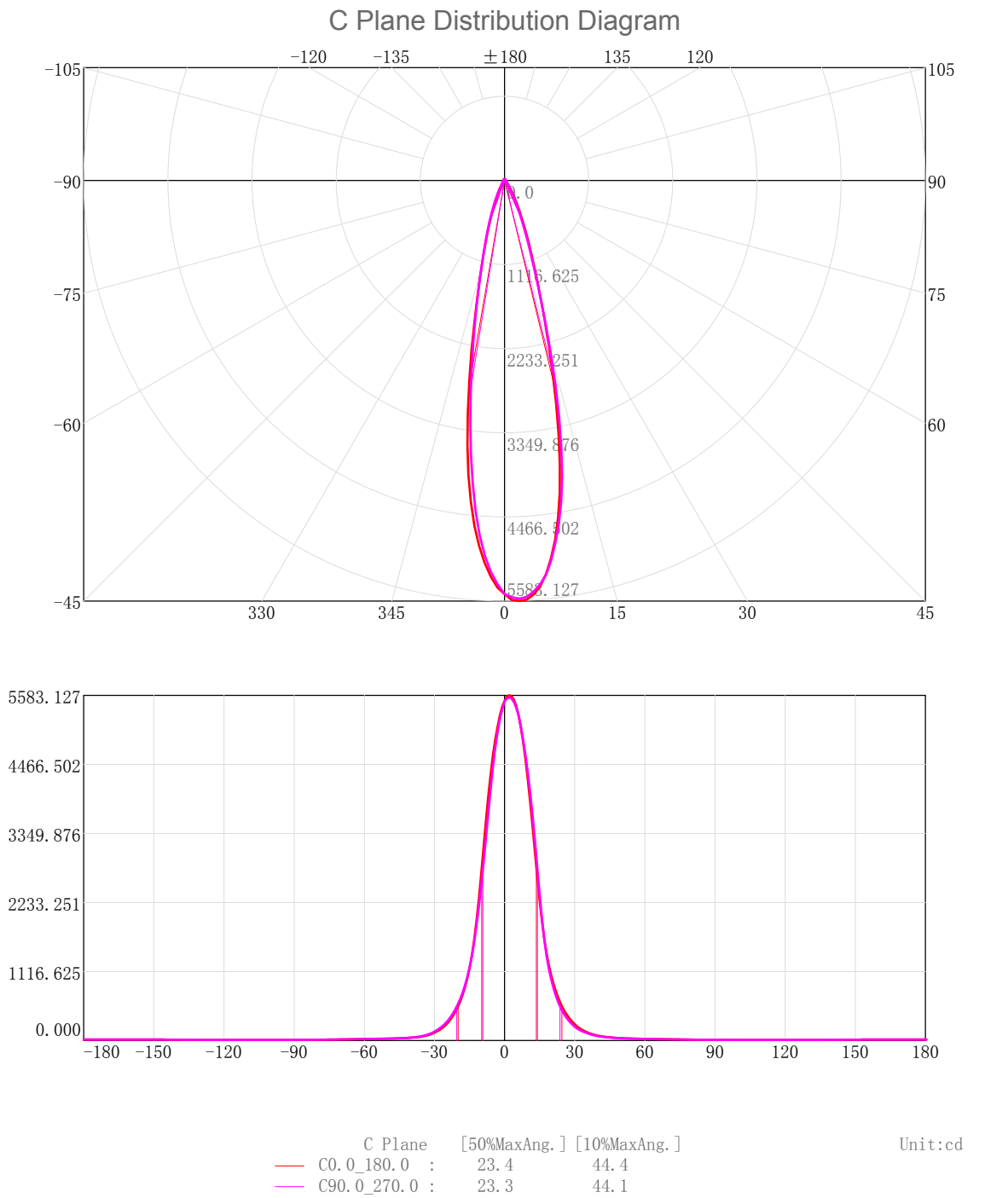
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 1367.030	Luminary Flux(lm): 1367.025	Field Angle(10%Imax): 44.4(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1286.945lm 94.14%
Rated Voltage(V):	Luminary EER(lm/W): 93.185	Up Lumens&Percent: 80.080lm 5.86%
Tested Power(W): 14.670	Max. Candela(cd): 5583.127	S/MH: C0_a180=0.403 C90_270=0.400
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=2.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.2, 0.063, 0.966	Beam Angle(50%Imax): 23.4(°)	ErP ϕ use(90°): 1184.761lm
Lamp Size (W*L*H):0.050m*0.000m*0.000m	Left=-9.8°, Right=13.6°	IRF(%): 862.639



2D Plane Light Intensity Distribution Curve

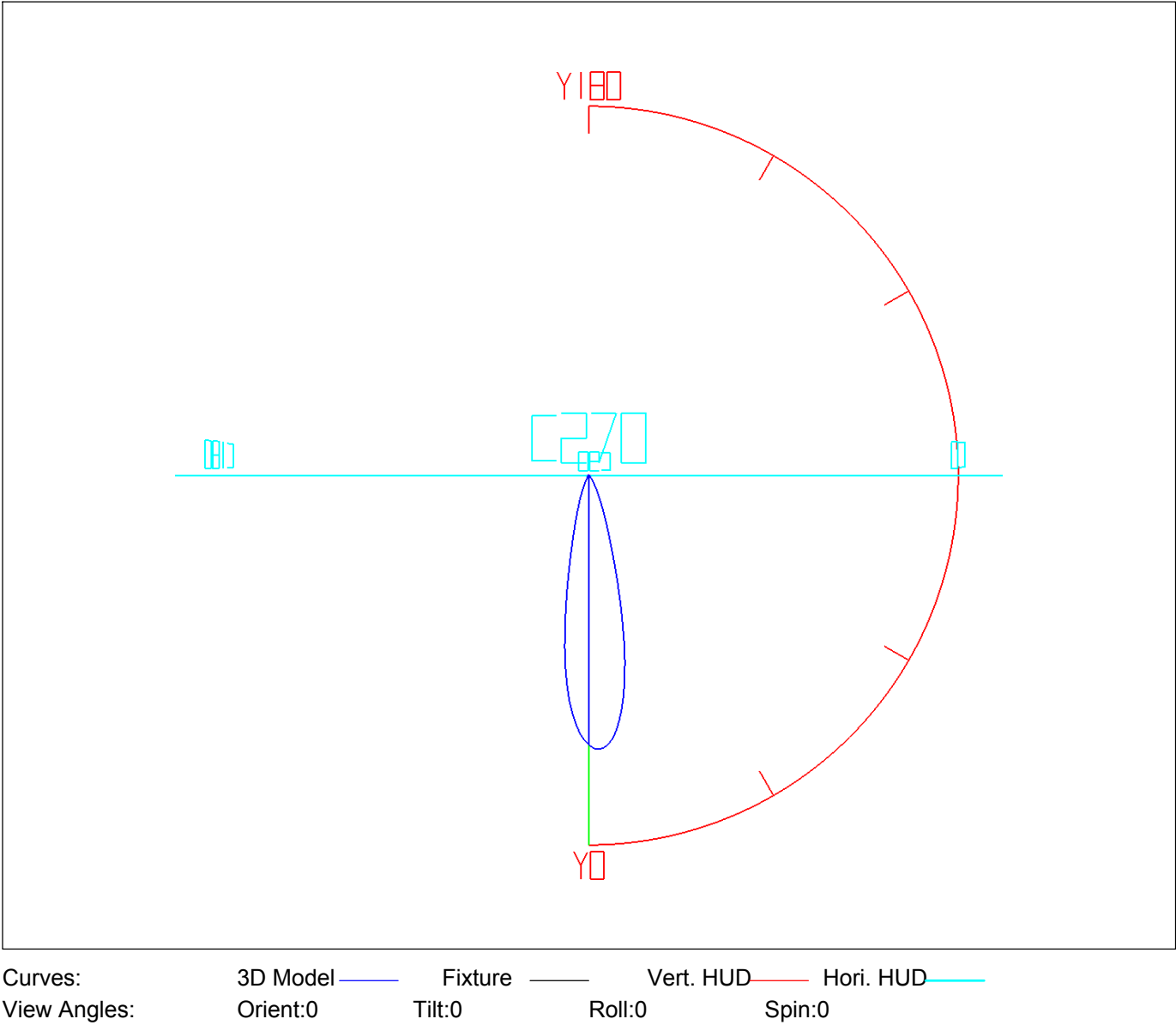
Lum. Name: TR04-15-XX-01 4000K RA90 24D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/07/09



3D Light Intensity Distribution Modal

Lum. Name:TR04-15-XX-01 4000K 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 4000K 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	5.24	5.24	0.38	0.38	47.0-48.0	3.19	1196.30	0.23	87.51
1.0-2.0	15.59	20.83	1.14	1.52	48.0-49.0	3.10	1199.40	0.23	87.74
2.0-3.0	25.57	46.40	1.87	3.39	49.0-50.0	3.02	1202.42	0.22	87.96
3.0-4.0	34.91	81.31	2.55	5.95	50.0-51.0	2.94	1205.36	0.22	88.17
4.0-5.0	43.40	124.71	3.17	9.12	51.0-52.0	2.88	1208.24	0.21	88.38
5.0-6.0	50.76	175.47	3.71	12.84	52.0-53.0	2.83	1211.08	0.21	88.59
6.0-7.0	56.73	232.20	4.15	16.99	53.0-54.0	2.79	1213.87	0.20	88.80
7.0-8.0	61.15	293.35	4.47	21.46	54.0-55.0	2.75	1216.62	0.20	89.00
8.0-9.0	64.01	357.36	4.68	26.14	55.0-56.0	2.71	1219.34	0.20	89.20
9.0-10.0	65.32	422.68	4.78	30.92	56.0-57.0	2.68	1222.01	0.20	89.39
10.0-11.0	65.07	487.75	4.76	35.68	57.0-58.0	2.64	1224.66	0.19	89.59
11.0-12.0	63.31	551.06	4.63	40.31	58.0-59.0	2.61	1227.27	0.19	89.78
12.0-13.0	60.30	611.36	4.41	44.72	59.0-60.0	2.57	1229.84	0.19	89.96
13.0-14.0	56.42	667.78	4.13	48.85	60.0-61.0	2.53	1232.37	0.19	90.15
14.0-15.0	51.96	719.74	3.80	52.65	61.0-62.0	2.49	1234.86	0.18	90.33
15.0-16.0	47.26	767.00	3.46	56.11	62.0-63.0	2.45	1237.31	0.18	90.51
16.0-17.0	42.66	809.66	3.12	59.23	63.0-64.0	2.40	1239.71	0.18	90.69
17.0-18.0	38.42	848.08	2.81	62.04	64.0-65.0	2.36	1242.07	0.17	90.86
18.0-19.0	34.61	882.69	2.53	64.57	65.0-66.0	2.31	1244.38	0.17	91.03
19.0-20.0	31.24	913.93	2.29	66.86	66.0-67.0	2.27	1246.65	0.17	91.19
20.0-21.0	28.24	942.17	2.07	68.92	67.0-68.0	2.22	1248.87	0.16	91.36
21.0-22.0	25.54	967.71	1.87	70.79	68.0-69.0	2.17	1251.05	0.16	91.52
22.0-23.0	23.07	990.78	1.69	72.48	69.0-70.0	2.13	1253.17	0.16	91.67
23.0-24.0	20.81	1011.59	1.52	74.00	70.0-71.0	2.08	1255.25	0.15	91.82
24.0-25.0	18.75	1030.34	1.37	75.37	71.0-72.0	2.03	1257.28	0.15	91.97
25.0-26.0	16.88	1047.22	1.23	76.61	72.0-73.0	1.99	1259.27	0.15	92.12
26.0-27.0	15.20	1062.42	1.11	77.72	73.0-74.0	1.94	1261.21	0.14	92.26
27.0-28.0	13.68	1076.10	1.00	78.72	74.0-75.0	1.90	1263.11	0.14	92.40
28.0-29.0	12.31	1088.41	0.90	79.62	75.0-76.0	1.86	1264.97	0.14	92.53
29.0-30.0	11.06	1099.47	0.81	80.43	76.0-77.0	1.82	1266.79	0.13	92.67
30.0-31.0	9.94	1109.41	0.73	81.15	77.0-78.0	1.77	1268.56	0.13	92.80
31.0-32.0	8.96	1118.37	0.66	81.81	78.0-79.0	1.73	1270.29	0.13	92.92
32.0-33.0	8.13	1126.50	0.59	82.40	79.0-80.0	1.69	1271.98	0.12	93.05
33.0-34.0	7.39	1133.89	0.54	82.95	80.0-81.0	1.66	1273.64	0.12	93.17
34.0-35.0	6.73	1140.62	0.49	83.44	81.0-82.0	1.62	1275.26	0.12	93.29
35.0-36.0	6.15	1146.76	0.45	83.89	82.0-83.0	1.58	1276.84	0.12	93.40
36.0-37.0	5.65	1152.41	0.41	84.30	83.0-84.0	1.54	1278.38	0.11	93.51
37.0-38.0	5.21	1157.62	0.38	84.68	84.0-85.0	1.50	1279.88	0.11	93.63
38.0-39.0	4.84	1162.47	0.35	85.04	85.0-86.0	1.47	1281.35	0.11	93.73
39.0-40.0	4.53	1167.00	0.33	85.37	86.0-87.0	1.44	1282.79	0.11	93.84
40.0-41.0	4.27	1171.26	0.31	85.68	87.0-88.0	1.41	1284.20	0.10	93.94
41.0-42.0	4.04	1175.31	0.30	85.98	88.0-89.0	1.38	1285.58	0.10	94.04
42.0-43.0	3.86	1179.16	0.28	86.26	89.0-90.0	1.36	1286.95	0.10	94.14
43.0-44.0	3.69	1182.86	0.27	86.53	90.0-91.0	1.34	1288.29	0.10	94.24
44.0-45.0	3.55	1186.41	0.26	86.79	91.0-92.0	1.33	1289.62	0.10	94.34
45.0-46.0	3.42	1189.82	0.25	87.04	92.0-93.0	1.32	1290.93	0.10	94.43
46.0-47.0	3.29	1193.11	0.24	87.28	93.0-94.0	1.30	1292.24	0.10	94.53

IES Indoor Report

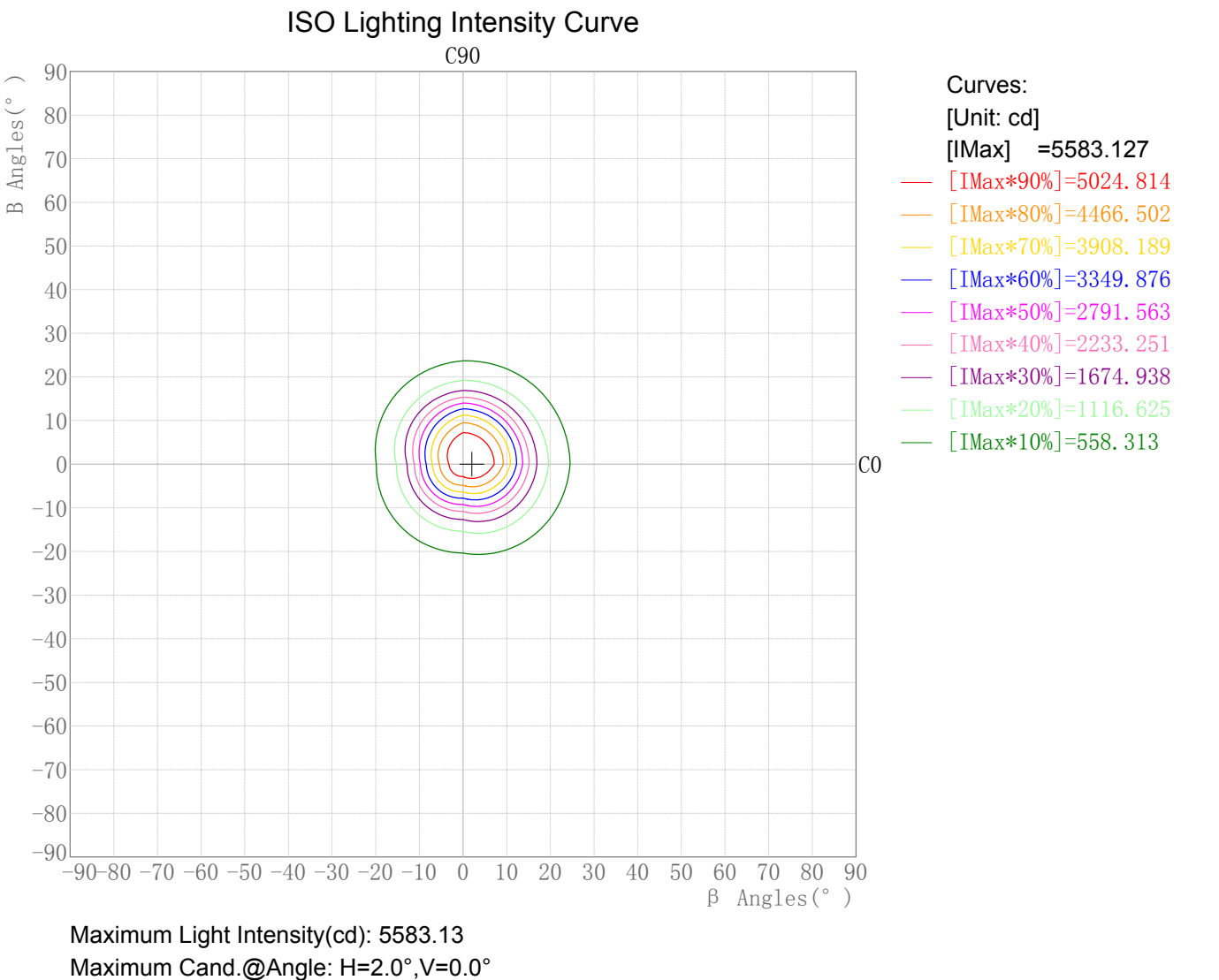
Photometric Filename:TR04-15-XX-01 4000K RA90 24D.IES

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	1293.53	0.09	94.62	141.0-142.0	0.98	1344.40	0.07	98.34
95.0-96.0	1.28	1294.81	0.09	94.72	142.0-143.0	0.98	1345.38	0.07	98.42
96.0-97.0	1.27	1296.08	0.09	94.81	143.0-144.0	0.97	1346.35	0.07	98.49
97.0-98.0	1.26	1297.34	0.09	94.90	144.0-145.0	0.97	1347.32	0.07	98.56
98.0-99.0	1.25	1298.59	0.09	94.99	145.0-146.0	0.96	1348.29	0.07	98.63
99.0-100.0	1.24	1299.83	0.09	95.08	146.0-147.0	0.96	1349.24	0.07	98.70
100.0-101.0	1.23	1301.06	0.09	95.17	147.0-148.0	0.95	1350.19	0.07	98.77
101.0-102.0	1.22	1302.28	0.09	95.26	148.0-149.0	0.93	1351.13	0.07	98.84
102.0-103.0	1.21	1303.49	0.09	95.35	149.0-150.0	0.92	1352.05	0.07	98.90
103.0-104.0	1.20	1304.69	0.09	95.44	150.0-151.0	0.91	1352.95	0.07	98.97
104.0-105.0	1.19	1305.88	0.09	95.53	151.0-152.0	0.89	1353.84	0.07	99.04
105.0-106.0	1.19	1307.07	0.09	95.61	152.0-153.0	0.87	1354.71	0.06	99.10
106.0-107.0	1.18	1308.25	0.09	95.70	153.0-154.0	0.85	1355.56	0.06	99.16
107.0-108.0	1.16	1309.41	0.09	95.78	154.0-155.0	0.83	1356.39	0.06	99.22
108.0-109.0	1.16	1310.57	0.08	95.87	155.0-156.0	0.80	1357.19	0.06	99.28
109.0-110.0	1.15	1311.71	0.08	95.95	156.0-157.0	0.78	1357.97	0.06	99.34
110.0-111.0	1.14	1312.85	0.08	96.04	157.0-158.0	0.75	1358.72	0.05	99.39
111.0-112.0	1.13	1313.98	0.08	96.12	158.0-159.0	0.72	1359.44	0.05	99.44
112.0-113.0	1.12	1315.09	0.08	96.20	159.0-160.0	0.69	1360.13	0.05	99.50
113.0-114.0	1.11	1316.20	0.08	96.28	160.0-161.0	0.66	1360.80	0.05	99.54
114.0-115.0	1.10	1317.30	0.08	96.36	161.0-162.0	0.63	1361.43	0.05	99.59
115.0-116.0	1.09	1318.38	0.08	96.44	162.0-163.0	0.60	1362.03	0.04	99.63
116.0-117.0	1.08	1319.46	0.08	96.52	163.0-164.0	0.57	1362.60	0.04	99.68
117.0-118.0	1.07	1320.53	0.08	96.60	164.0-165.0	0.54	1363.14	0.04	99.72
118.0-119.0	1.06	1321.59	0.08	96.68	165.0-166.0	0.50	1363.64	0.04	99.75
119.0-120.0	1.05	1322.64	0.08	96.75	166.0-167.0	0.47	1364.11	0.03	99.79
120.0-121.0	1.04	1323.67	0.08	96.83	167.0-168.0	0.43	1364.54	0.03	99.82
121.0-122.0	1.03	1324.70	0.08	96.90	168.0-169.0	0.40	1364.94	0.03	99.85
122.0-123.0	1.02	1325.72	0.07	96.98	169.0-170.0	0.36	1365.30	0.03	99.87
123.0-124.0	1.01	1326.73	0.07	97.05	170.0-171.0	0.33	1365.63	0.02	99.90
124.0-125.0	1.00	1327.74	0.07	97.13	171.0-172.0	0.29	1365.92	0.02	99.92
125.0-126.0	1.00	1328.73	0.07	97.20	172.0-173.0	0.26	1366.18	0.02	99.94
126.0-127.0	0.99	1329.72	0.07	97.27	173.0-174.0	0.22	1366.41	0.02	99.95
127.0-128.0	0.99	1330.71	0.07	97.34	174.0-175.0	0.19	1366.59	0.01	99.97
128.0-129.0	0.98	1331.70	0.07	97.42	175.0-176.0	0.15	1366.75	0.01	99.98
129.0-130.0	0.98	1332.68	0.07	97.49	176.0-177.0	0.12	1366.87	0.01	99.99
130.0-131.0	0.98	1333.65	0.07	97.56	177.0-178.0	0.09	1366.96	0.01	99.99
131.0-132.0	0.97	1334.63	0.07	97.63	178.0-179.0	0.05	1367.01	0.00	100.00
132.0-133.0	0.97	1335.60	0.07	97.70	179.0-180.0	0.02	1367.03	0.00	100.00
133.0-134.0	0.97	1336.58	0.07	97.77					
134.0-135.0	0.98	1337.55	0.07	97.84					
135.0-136.0	0.98	1338.53	0.07	97.91					
136.0-137.0	0.98	1339.50	0.07	97.99					
137.0-138.0	0.98	1340.48	0.07	98.06					
138.0-139.0	0.98	1341.46	0.07	98.13					
139.0-140.0	0.98	1342.44	0.07	98.20					
140.0-141.0	0.98	1343.42	0.07	98.27					

Rectangle ISO Lighting Intensity Diagram

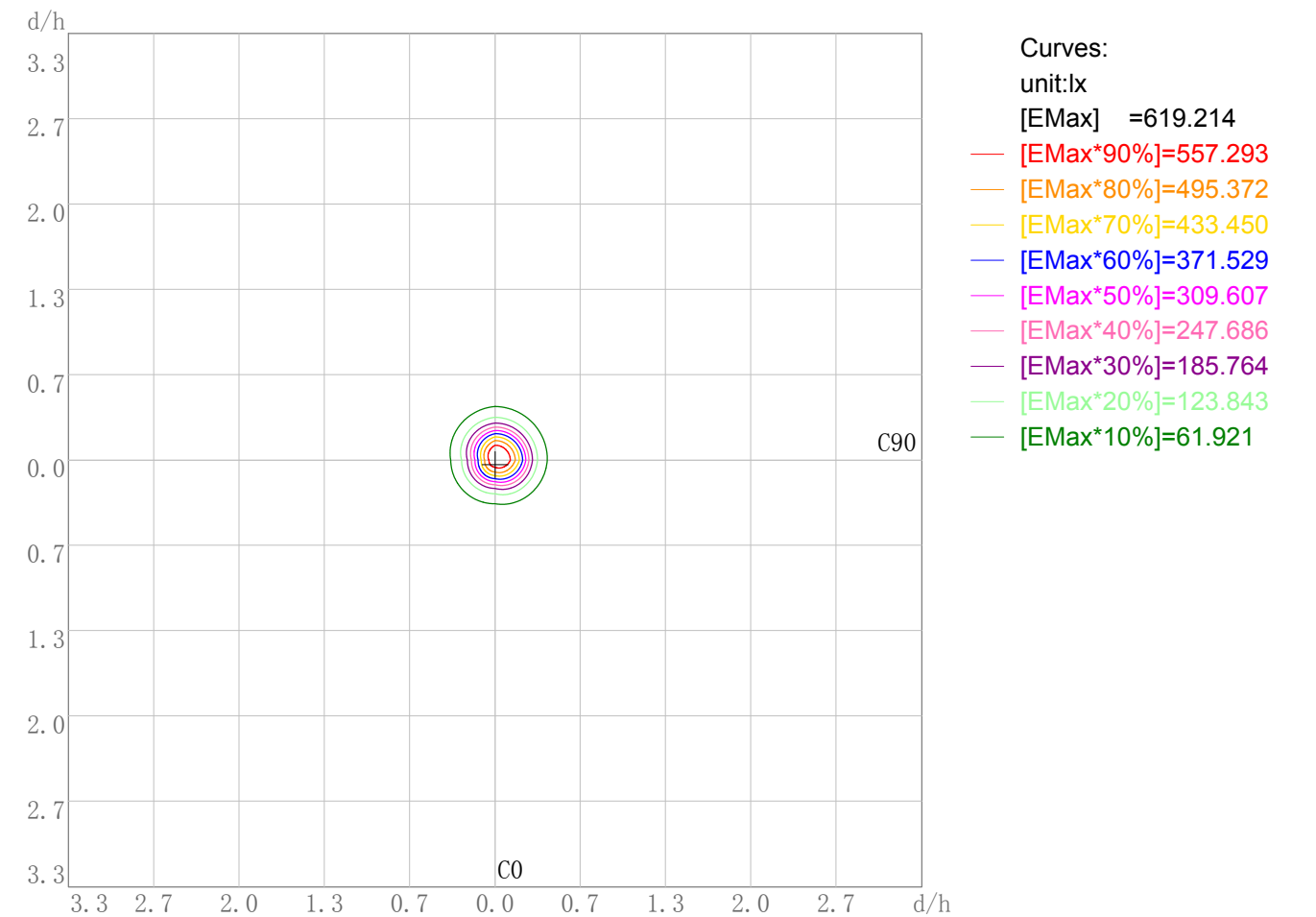
Lum. Name: TR04-15-XX-01 4000K RA90 24D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/07/09



Plane ISO-Illuminance Diagram

Lum. Name: TR04-15-XX-01 4000K 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): 619.21  
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

## IES Indoor Report

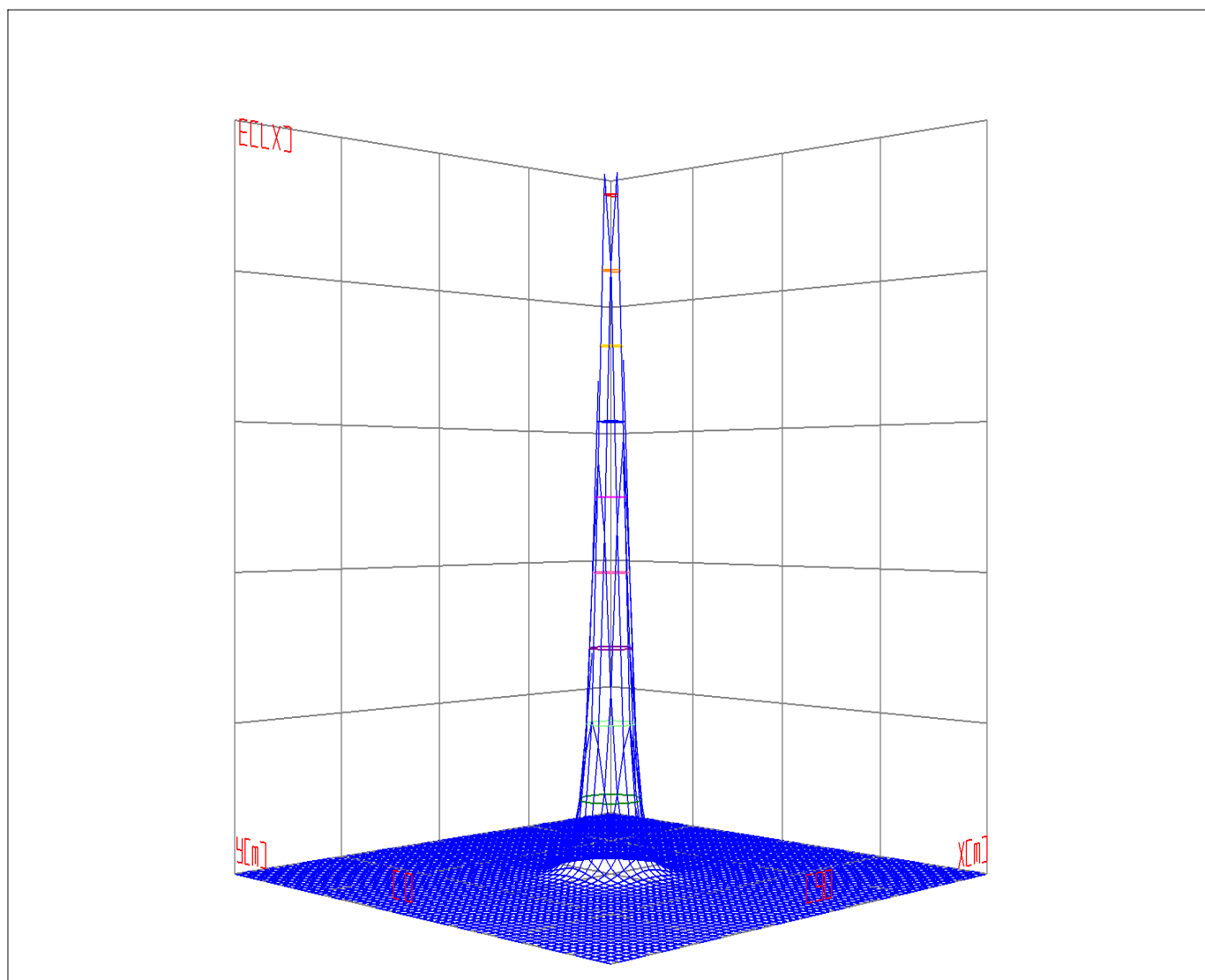
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### 3D Plane ISO Illuminance Diagram

Lum. Name: TR04-15-XX-01 4000K 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

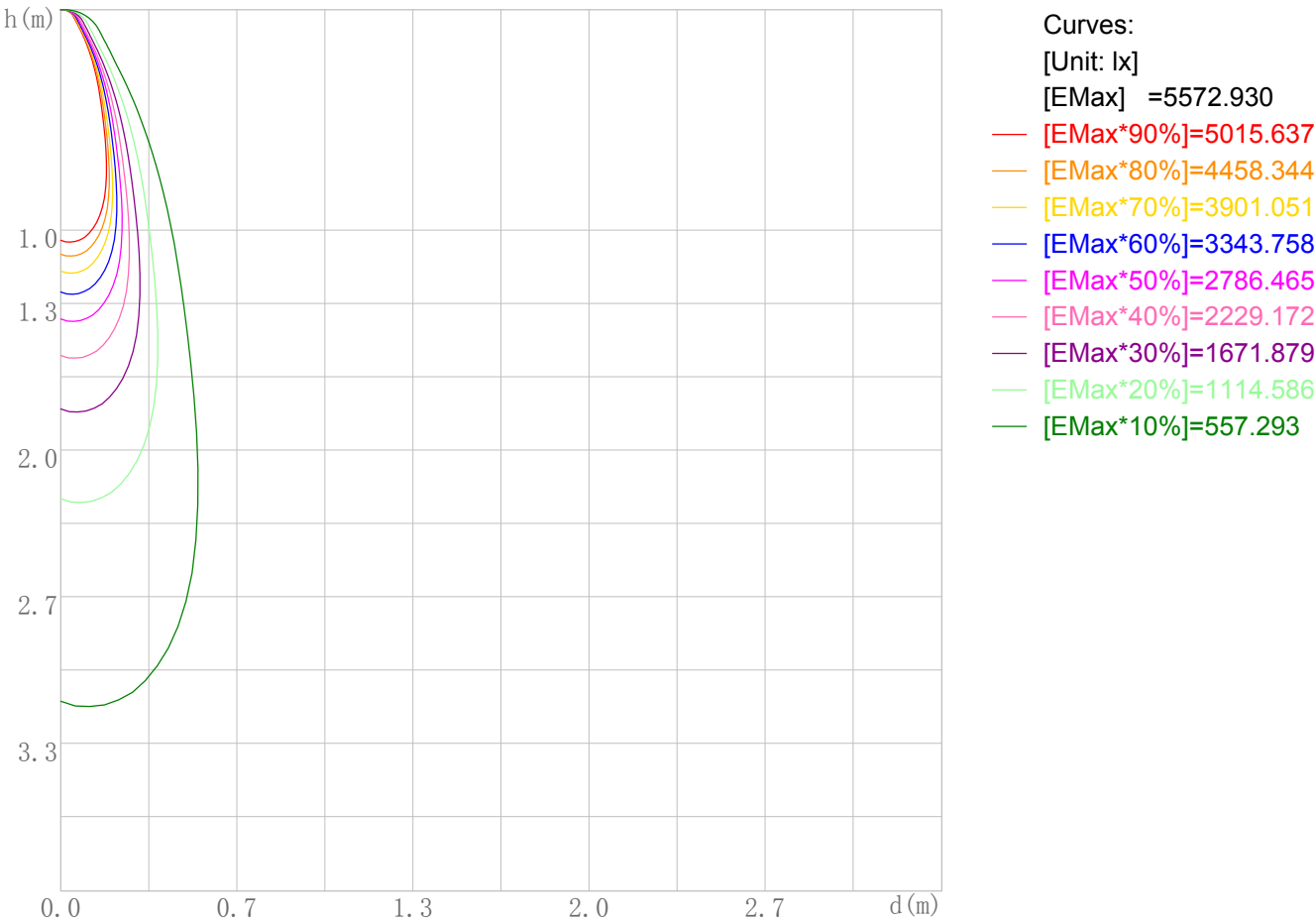
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Space ISO Illuminance Diagram

Lum. Name: TR04-15-XX-01 4000K 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

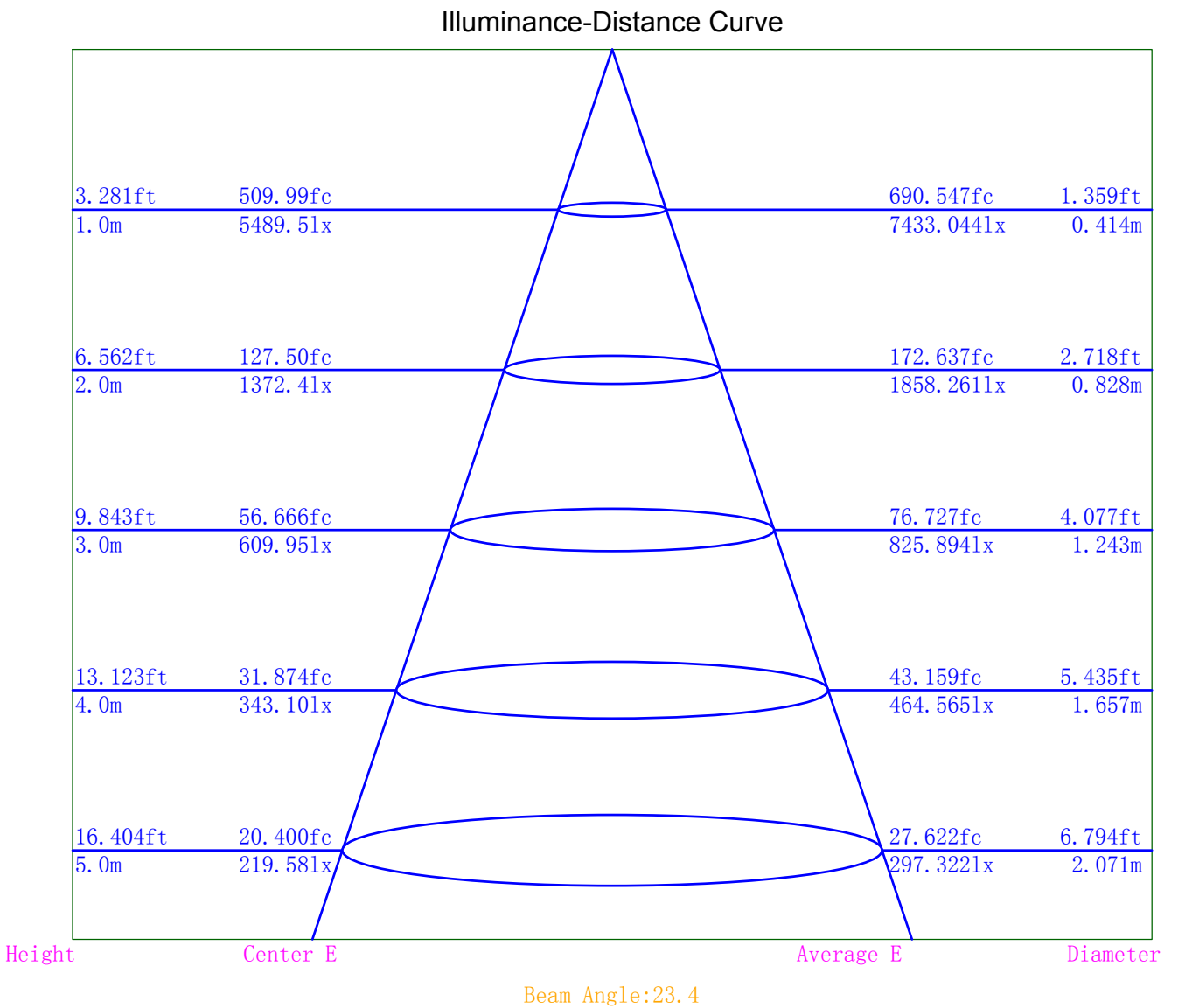
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:5572.93lx,2.0deg  
Plane Maximum Lighting Intensity and @Angle:5583.127cd,0deg

Illuminance-Distance Diagram

Lum. Name:TR04-15-XX-01 4000K 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 4000K 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

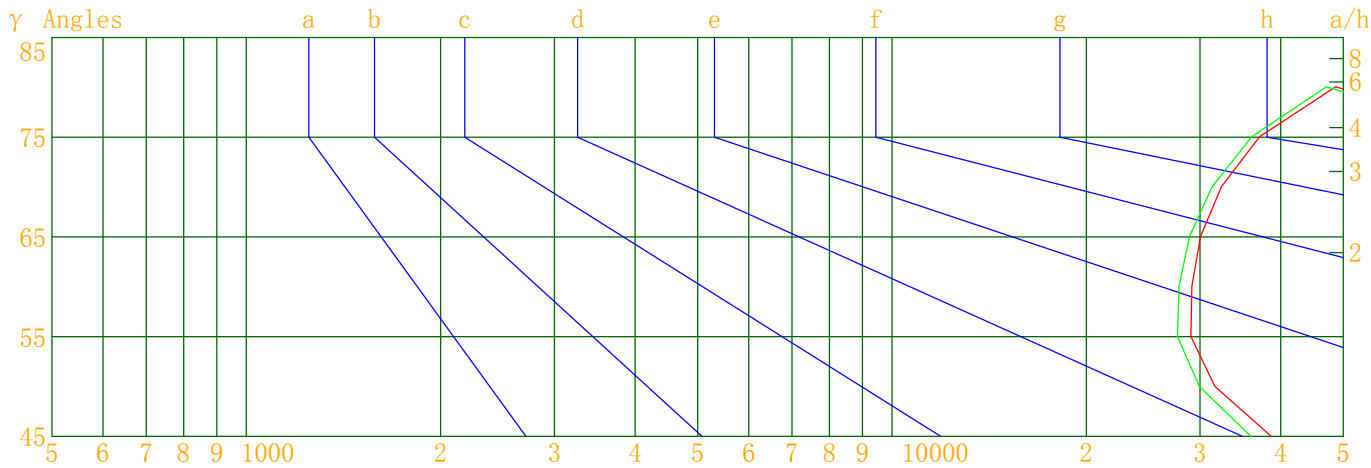
Glare Grade Table

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	38668	31633	29036	29138	30049	32379	37100	48657	85251
C90	35974	29926	27676	27831	28886	31327	36071	47088	82031

Luminance Limiting Curve



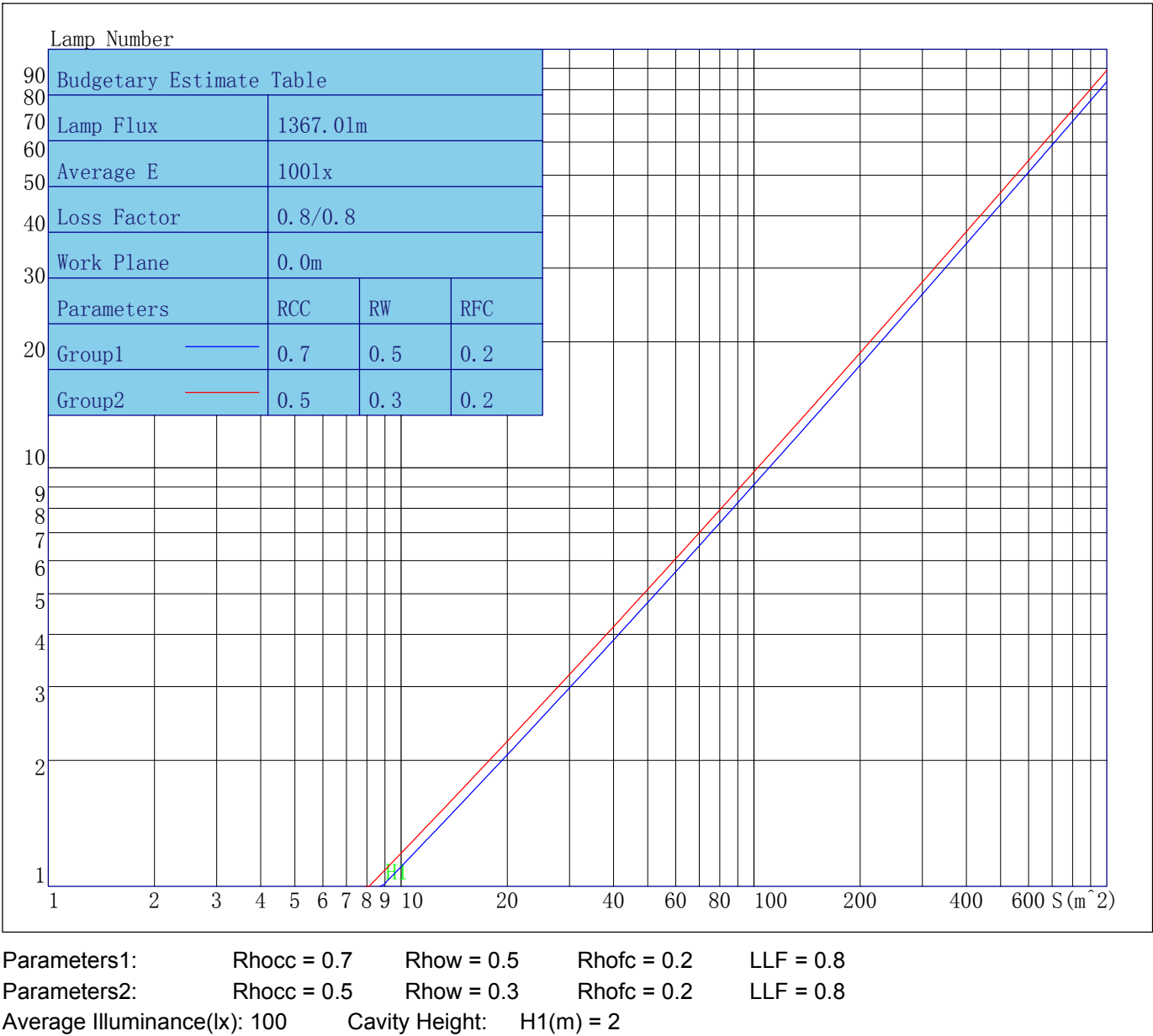
Luminous Size: Length(m)=0.000 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963

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 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 4000K 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	97	97	97	94
1	112	109	107	105	109	107	105	103	102	100	98	97	96	94	93	92	91	89
2	107	103	99	96	105	101	97	94	96	94	91	93	91	89	89	87	86	84
3	103	97	93	89	101	95	91	88	92	89	86	89	86	84	86	84	82	80
4	99	92	88	84	97	91	87	83	88	85	82	86	83	80	83	81	79	77
5	95	88	83	80	93	87	82	79	85	81	78	83	79	77	80	78	76	74
6	92	85	80	76	90	84	79	76	82	78	75	80	76	74	78	75	73	71
7	89	81	76	73	87	80	76	73	79	75	72	77	74	71	76	73	70	69
8	86	78	74	70	85	78	73	70	76	72	69	75	71	69	74	70	68	67
9	84	76	71	68	82	75	71	68	74	70	67	73	69	67	72	68	66	65
10	81	73	69	66	80	73	68	65	72	68	65	71	67	65	70	67	64	63

Unified Glare Rating Table

Lum. Name: TR04-15-XX-01 4000K 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	18.8	19.8	19.3	20.2	20.7	18.5	19.4	18.9	19.8	20.3
	20.4	21.2	20.9	21.7	22.2	20.1	20.9	20.6	21.4	21.9
	21.3	22.1	21.8	22.6	23.1	21.0	21.8	21.5	22.3	22.8
	22.4	23.1	22.9	23.6	24.2	22.2	22.9	22.7	23.4	23.9
	23.1	23.7	23.6	24.3	24.8	22.8	23.5	23.3	24.0	24.5
	23.8	24.5	24.4	25.0	25.6	23.6	24.2	24.1	24.7	25.3
X=4H    Y=2H	19.3	20.1	19.8	20.6	21.1	19.0	19.8	19.5	20.2	20.8
	21.1	21.8	21.7	22.3	22.9	20.9	21.5	21.4	22.1	22.6
	22.3	22.9	22.8	23.4	24.0	22.0	22.6	22.6	23.2	23.7
	23.6	24.1	24.2	24.7	25.3	23.4	23.9	24.0	24.5	25.1
	24.4	24.9	25.0	25.4	26.0	24.2	24.6	24.7	25.2	25.8
	25.3	25.7	25.9	26.3	26.9	25.1	25.5	25.7	26.1	26.7
X=8H    Y=4H	22.7	23.2	23.3	23.7	24.4	22.5	23.0	23.1	23.5	24.1
	24.3	24.7	24.9	25.3	26.0	24.1	24.5	24.7	25.1	25.8
	25.3	25.6	25.9	26.2	26.9	25.1	25.4	25.7	26.0	26.7
	26.4	26.7	27.1	27.3	28.0	26.2	26.5	26.9	27.1	27.8
X=12H    Y=4H	22.8	23.2	23.4	23.8	24.4	22.6	23.0	23.2	23.6	24.2
	24.5	24.9	25.2	25.4	26.1	24.3	24.7	25.0	25.3	25.9
	25.6	25.9	26.2	26.5	27.2	25.4	25.7	26.0	26.3	27.0
Variations with the objerver position at spacings										
S=1.0H	0.0/-0.0					0.1/-0.1				
S=1.5H	0.1/-0.2					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					4.7				

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 24D.IES

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Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	5489.54	5489.54	5489.54	5489.54
γ 1.0	5568.02	5530.68	5402.72	5356.39
γ 2.0	5583.13	5552.39	5259.90	5198.23
γ 3.0	5571.01	5534.63	5075.01	4984.77
γ 4.0	5507.31	5471.91	4855.31	4722.91
γ 5.0	5410.16	5382.93	4598.99	4404.05
γ 6.0	5254.36	5261.15	4283.05	4039.73
γ 7.0	5052.75	5075.94	3931.38	3658.70
γ 8.0	4816.50	4849.71	3537.08	3257.27
γ 9.0	4533.44	4609.58	3116.94	2871.14
γ 10.0	4210.30	4328.95	2695.34	2505.84
γ 11.0	3848.30	4000.94	2292.35	2165.72
γ 12.0	3448.74	3627.01	1928.75	1853.75
γ 13.0	3040.69	3223.99	1619.26	1583.67
γ 14.0	2644.08	2792.96	1367.63	1358.80
γ 15.0	2270.93	2367.05	1163.17	1175.66
γ 16.0	1937.41	1970.18	997.05	1020.21
γ 17.0	1649.55	1638.10	856.82	887.85
γ 18.0	1410.05	1368.64	736.57	772.03
γ 19.0	1211.53	1153.31	633.15	673.12
γ 20.0	1045.59	979.23	545.60	585.79
γ 21.0	908.06	836.82	470.64	510.59
γ 22.0	789.94	717.19	405.62	444.61
γ 23.0	686.58	616.81	350.55	386.89
γ 24.0	597.62	531.16	302.05	335.62
γ 25.0	520.60	458.81	260.82	291.20
γ 26.0	454.30	397.19	224.66	253.05
γ 27.0	396.33	344.77	194.19	220.39
γ 28.0	346.19	298.93	168.33	192.35
γ 29.0	302.13	259.65	147.24	167.35
γ 30.0	263.78	225.41	127.98	145.09
γ 31.0	230.61	197.38	111.95	126.17
γ 32.0	203.14	174.04	98.06	110.31
γ 33.0	179.75	155.07	86.47	96.63
γ 34.0	158.47	138.30	76.86	85.19
γ 35.0	139.97	123.33	68.85	75.60
γ 36.0	124.51	110.04	62.24	67.80
γ 37.0	110.62	98.39	56.99	61.82
γ 38.0	98.66	88.13	53.01	56.92
γ 39.0	88.52	79.56	49.75	53.23
γ 40.0	79.68	72.22	46.97	49.96
γ 41.0	72.42	66.06	44.65	47.23
γ 42.0	66.52	61.08	42.54	44.68
γ 43.0	61.50	56.69	40.81	42.50
γ 44.0	57.24	53.24	39.00	40.38
γ 45.0	53.69	49.95	37.41	38.50
γ 46.0	50.37	46.96	35.85	36.61

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	47.37	44.37	34.42	35.17
γ 48.0	44.65	41.96	33.35	34.07
γ 49.0	42.16	39.78	32.50	33.20
γ 50.0	39.92	37.77	31.79	32.41
γ 51.0	37.83	35.99	30.98	31.71
γ 52.0	36.35	34.50	30.29	31.05
γ 53.0	35.03	33.32	29.61	30.50
γ 54.0	33.82	32.25	29.04	29.91
γ 55.0	32.70	31.17	28.43	29.26
γ 56.0	31.82	30.29	27.88	28.61
γ 57.0	30.88	29.47	27.26	28.05
γ 58.0	30.16	28.70	26.67	27.50
γ 59.0	29.39	28.01	26.05	26.77
γ 60.0	28.61	27.32	25.36	26.04
γ 61.0	27.95	26.68	24.69	25.43
γ 62.0	27.22	25.98	24.11	24.85
γ 63.0	26.41	25.31	23.48	24.08
γ 64.0	25.70	24.72	22.85	23.45
γ 65.0	24.93	23.97	22.15	22.84
γ 66.0	24.35	23.45	21.56	22.17
γ 67.0	23.68	22.88	20.94	21.48
γ 68.0	23.00	22.27	20.25	20.89
γ 69.0	22.36	21.60	19.70	20.30
γ 70.0	21.74	21.04	19.08	19.72
γ 71.0	21.06	20.47	18.53	19.15
γ 72.0	20.55	19.86	18.09	18.57
γ 73.0	20.04	19.24	17.49	18.13
γ 74.0	19.49	18.85	17.06	17.64
γ 75.0	18.85	18.33	16.65	17.17
γ 76.0	18.39	17.86	16.11	16.69
γ 77.0	17.90	17.35	15.76	16.21
γ 78.0	17.39	16.86	15.28	15.62
γ 79.0	16.92	16.48	14.86	15.33
γ 80.0	16.59	16.06	14.47	14.97
γ 81.0	16.13	15.64	14.12	14.61
γ 82.0	15.71	15.15	13.74	14.14
γ 83.0	15.34	14.82	13.39	13.81
γ 84.0	14.91	14.39	13.07	13.45
γ 85.0	14.59	14.04	12.68	13.14
γ 86.0	14.19	13.65	12.42	12.79
γ 87.0	13.89	13.34	12.23	12.58
γ 88.0	13.54	13.07	12.01	12.38
γ 89.0	13.20	12.67	11.87	12.27
γ 90.0	12.92	12.42	11.77	12.20
γ 91.0	12.67	12.16	11.73	12.07
γ 92.0	12.61	12.07	11.60	12.03
γ 93.0	12.47	11.93	11.50	11.87

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Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	12.33	11.90	11.48	11.79
γ 95.0	12.35	11.83	11.34	11.66
γ 96.0	12.20	11.76	11.19	11.62
γ 97.0	12.15	11.72	11.22	11.54
γ 98.0	12.00	11.59	11.15	11.43
γ 99.0	12.01	11.49	11.04	11.36
γ 100.0	11.86	11.50	11.05	11.25
γ 101.0	11.85	11.44	10.97	11.26
γ 102.0	11.70	11.43	10.93	11.19
γ 103.0	11.72	11.35	10.93	11.16
γ 104.0	11.63	11.33	10.91	11.19
γ 105.0	11.61	11.29	10.88	11.14
γ 106.0	11.58	11.29	10.88	11.11
γ 107.0	11.50	11.18	10.83	11.03
γ 108.0	11.42	11.17	10.84	11.07
γ 109.0	11.45	11.09	10.90	11.08
γ 110.0	11.34	10.99	10.82	11.02
γ 111.0	11.29	11.02	10.84	11.10
γ 112.0	11.26	10.96	10.87	11.04
γ 113.0	11.26	10.94	10.88	11.03
γ 114.0	11.15	10.97	10.85	11.03
γ 115.0	11.13	10.87	10.89	11.06
γ 116.0	11.11	10.85	10.87	11.08
γ 117.0	11.04	10.82	11.04	11.08
γ 118.0	11.00	10.87	11.01	11.07
γ 119.0	10.93	10.72	11.03	11.15
γ 120.0	10.96	10.70	11.11	11.22
γ 121.0	10.88	10.65	11.10	11.19
γ 122.0	10.94	10.67	11.20	11.26
γ 123.0	10.90	10.75	11.24	11.28
γ 124.0	10.85	10.77	11.30	11.42
γ 125.0	10.79	10.73	11.46	11.47
γ 126.0	10.90	10.76	11.53	11.66
γ 127.0	10.92	10.85	11.64	11.77
γ 128.0	11.02	10.86	11.82	11.86
γ 129.0	11.07	11.02	12.08	12.00
γ 130.0	11.11	11.07	12.18	12.17
γ 131.0	11.20	11.20	12.37	12.32
γ 132.0	11.36	11.31	12.62	12.57
γ 133.0	11.47	11.45	12.84	12.81
γ 134.0	11.58	11.66	13.12	13.07
γ 135.0	11.84	11.77	13.40	13.36
γ 136.0	11.99	11.93	13.61	13.63
γ 137.0	12.28	12.22	13.90	13.92
γ 138.0	12.47	12.46	14.22	14.24
γ 139.0	12.71	12.69	14.58	14.48
γ 140.0	12.99	12.96	14.89	14.78

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	13.31	13.24	15.11	15.06
γ 142.0	13.56	13.53	15.50	15.42
γ 143.0	13.88	13.82	15.80	15.67
γ 144.0	14.18	14.14	16.04	16.02
γ 145.0	14.51	14.45	16.37	16.24
γ 146.0	14.79	14.73	16.59	16.57
γ 147.0	15.03	15.06	16.86	16.75
γ 148.0	15.35	15.29	17.17	16.97
γ 149.0	15.65	15.56	17.28	17.19
γ 150.0	15.85	15.86	17.46	17.34
γ 151.0	16.22	16.09	17.70	17.56
γ 152.0	16.48	16.36	17.87	17.67
γ 153.0	16.72	16.69	17.98	17.74
γ 154.0	16.83	16.85	18.11	17.93
γ 155.0	17.15	17.10	18.21	18.00
γ 156.0	17.32	17.13	18.34	18.07
γ 157.0	17.43	17.35	18.41	18.16
γ 158.0	17.64	17.53	18.50	18.15
γ 159.0	17.77	17.66	18.44	18.25
γ 160.0	17.91	17.72	18.52	18.28
γ 161.0	17.97	17.75	18.57	18.24
γ 162.0	18.04	17.89	18.61	18.34
γ 163.0	18.15	17.93	18.51	18.28
γ 164.0	18.22	17.98	18.62	18.32
γ 165.0	18.33	18.01	18.57	18.21
γ 166.0	18.33	18.02	18.52	18.27
γ 167.0	18.30	18.10	18.40	18.17
γ 168.0	18.32	18.16	18.39	18.17
γ 169.0	18.33	18.15	18.33	18.05
γ 170.0	18.27	18.14	18.37	17.89
γ 171.0	18.25	18.13	18.25	17.97
γ 172.0	18.30	18.10	18.14	17.92
γ 173.0	18.15	18.06	18.07	17.88
γ 174.0	18.18	18.01	18.03	17.86
γ 175.0	18.13	18.05	18.02	17.80
γ 176.0	18.03	18.00	17.97	17.90
γ 177.0	18.10	17.97	17.96	17.85
γ 178.0	18.09	17.99	18.06	18.00
γ 179.0	18.05	17.92	18.11	17.97
γ 180.0	18.02	18.02	18.02	18.02