

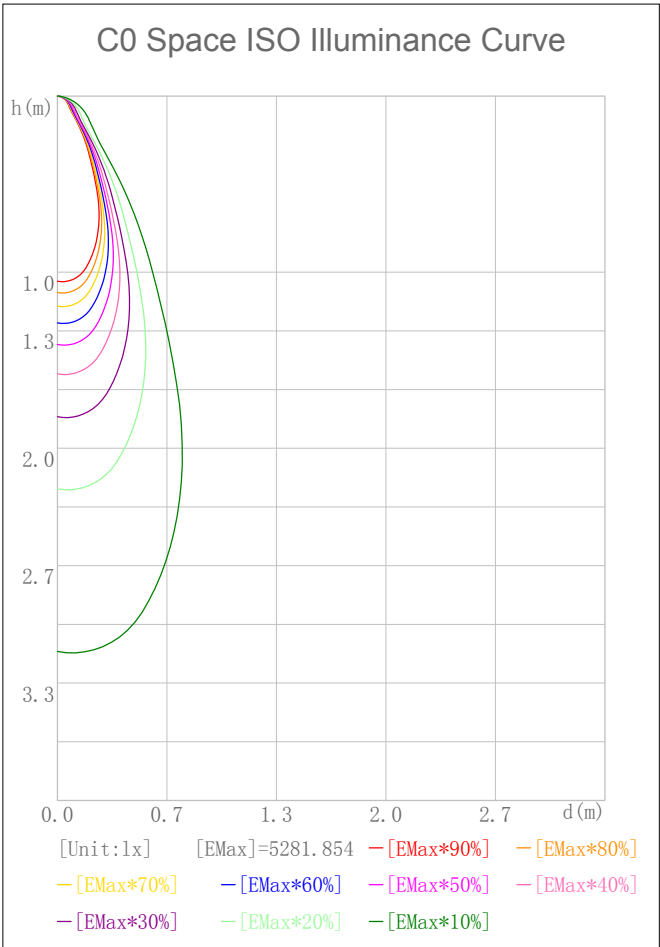
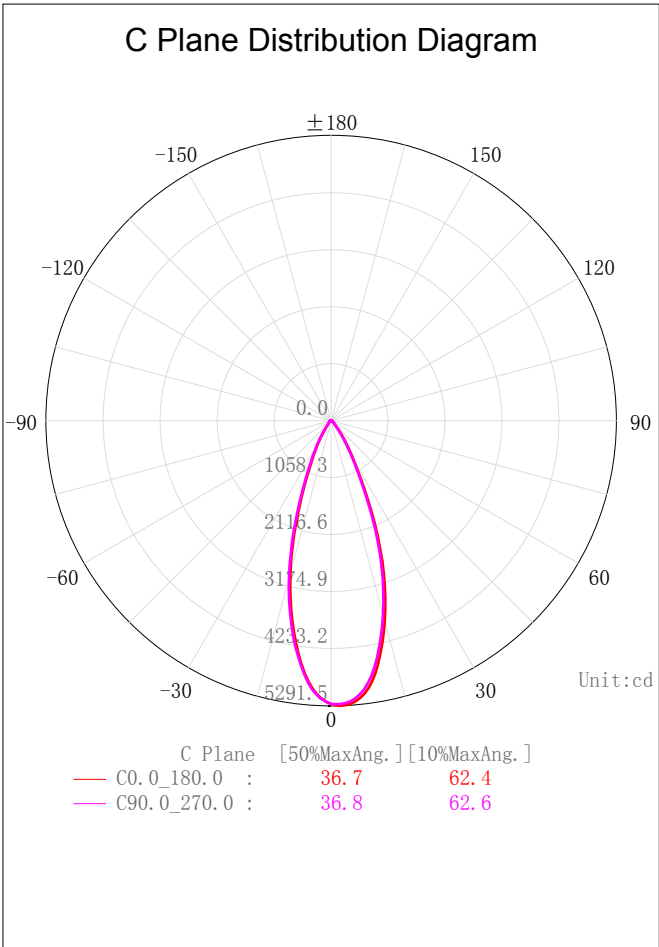
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR05-30-XX-01 3000K RA90 36D		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/11/11
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):0.070m*0.070m*0.266m		Lum. Area (m2):0.024	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

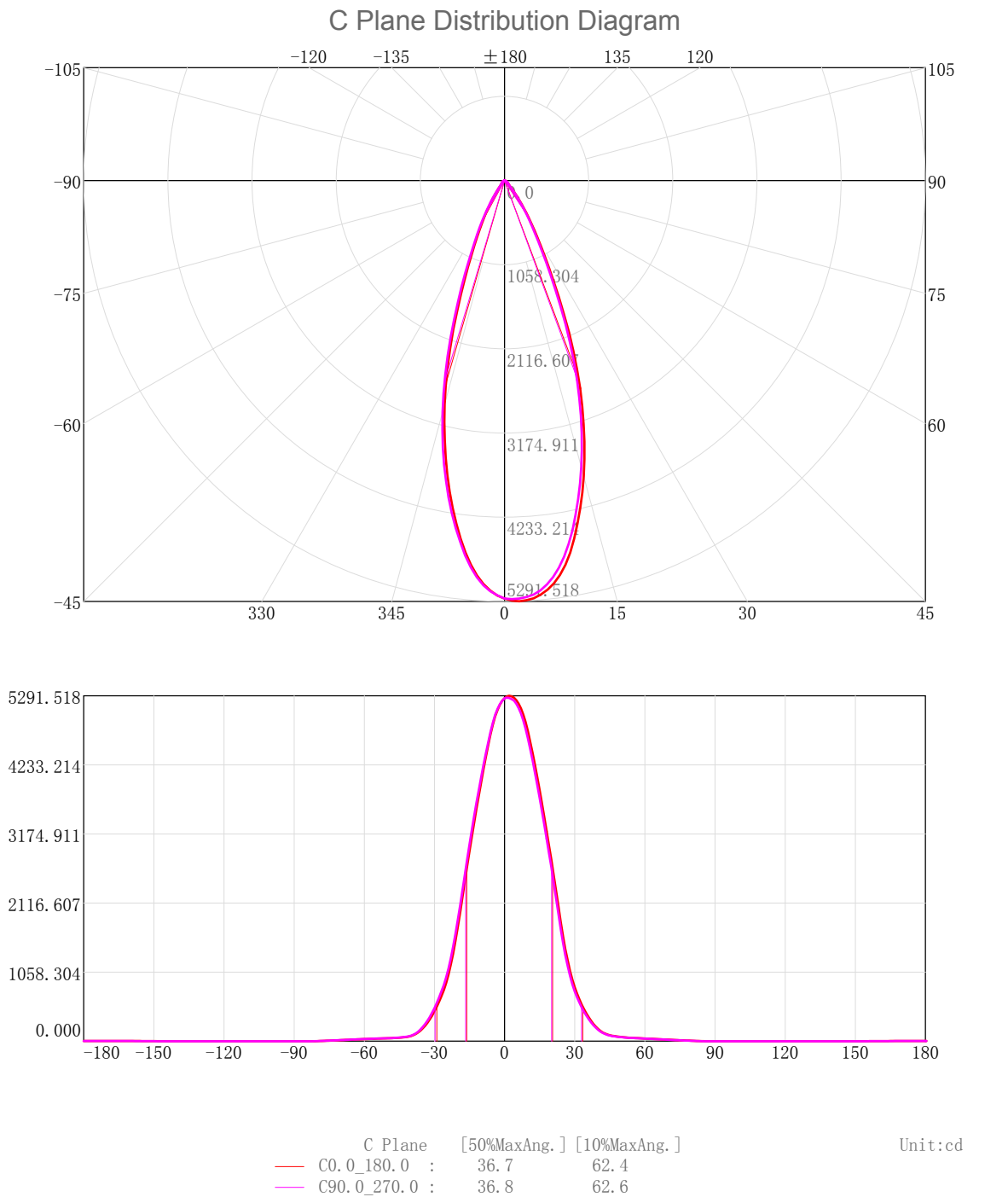
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 2313.400	Luminary Flux(lm): 2313.404	Field Angle(10%Imax): 62.4(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 2311.230lm 99.91%	
Rated Voltage(V):	Luminary EER(lm/W): 78.367	Up Lumens&Percent: 2.174lm 0.09%	
Tested Power(W): 29.520	Max. Candela(cd): 5291.518	S/MH: C0_a180=0.604 C90_270=0.603	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=2.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.3, 0.124, 0.986	Beam Angle(50%Imax): 36.7(°)	ErP ϕ use(90°): 2186.285lm	
Lamp Size (W*L*H):0.070m*0.070m*0.266m	Left=-16.2°, Right=20.6°	IRF(%): 451.042	



2D Plane Light Intensity Distribution Curve

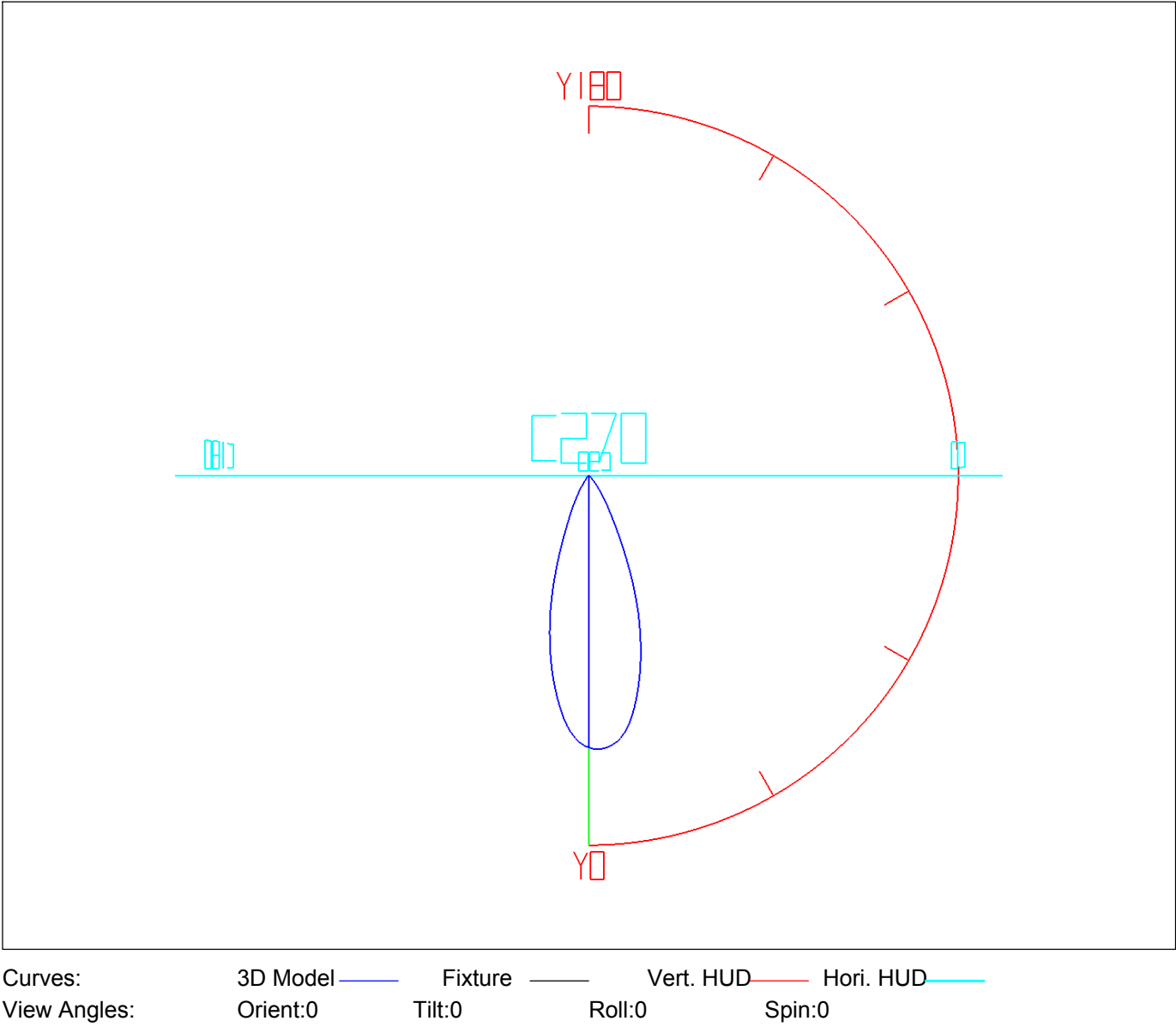
Lum. Name:TR05-30-XX-01 3000K RA90 36D	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/11



3D Light Intensity Distribution Modal

Lum. Name:TR05-30-XX-01 3000K RA90 36D	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/11

3D Light Intensity Distribution Modal



IES Indoor Report

Photometric Filename:TR05-30-XX-01 3000K RA90 36D.IES

Zonal Flux Tabulation

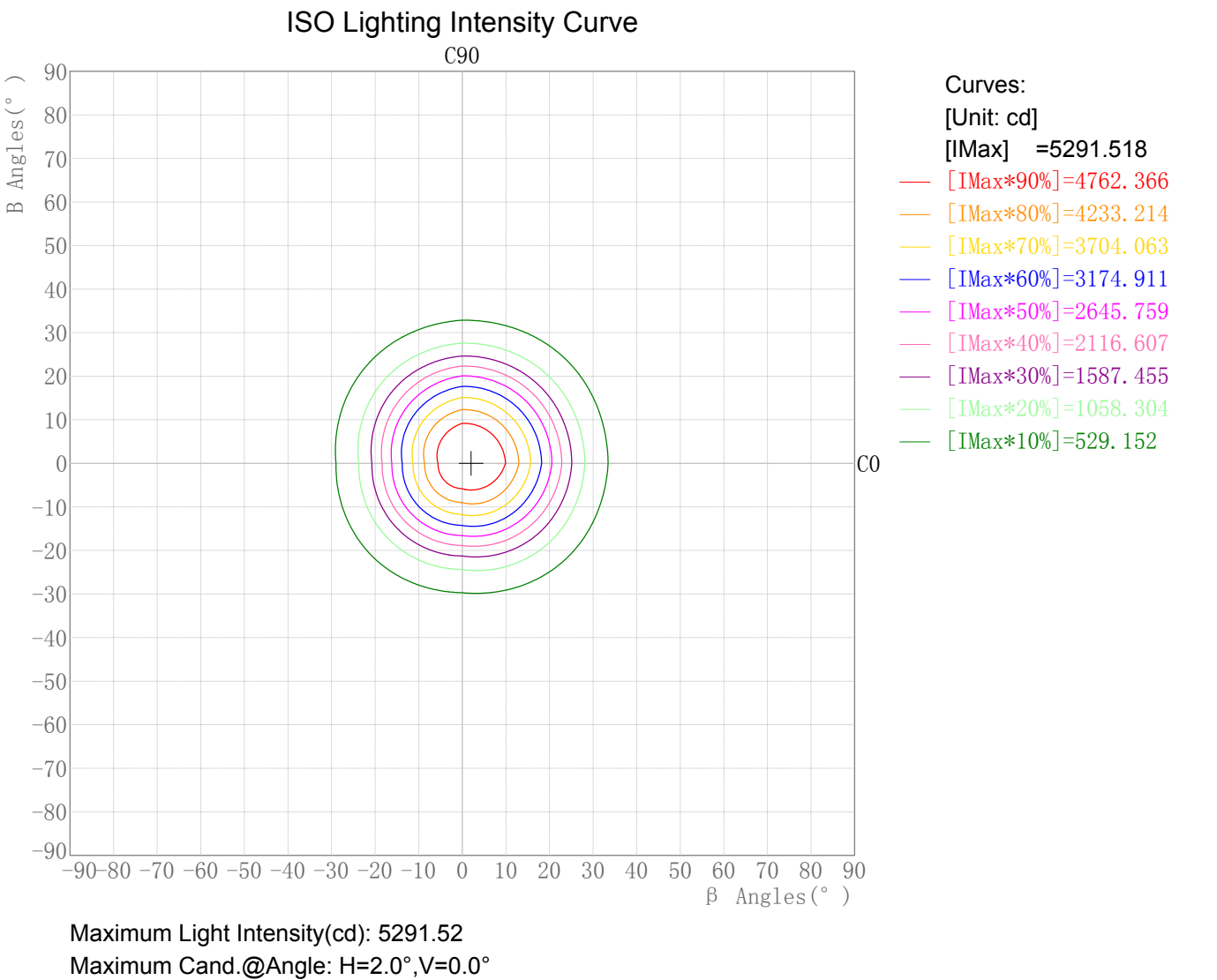
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	5.02	5.02	0.22	0.22	47.0-48.0	5.00	2218.09	0.22	95.88
1.0-2.0	15.01	20.04	0.65	0.87	48.0-49.0	4.81	2222.90	0.21	96.09
2.0-3.0	24.85	44.89	1.07	1.94	49.0-50.0	4.66	2227.56	0.20	96.29
3.0-4.0	34.43	79.32	1.49	3.43	50.0-51.0	4.52	2232.08	0.20	96.48
4.0-5.0	43.64	122.96	1.89	5.32	51.0-52.0	4.39	2236.47	0.19	96.67
5.0-6.0	52.34	175.30	2.26	7.58	52.0-53.0	4.28	2240.74	0.18	96.86
6.0-7.0	60.43	235.72	2.61	10.19	53.0-54.0	4.19	2244.93	0.18	97.04
7.0-8.0	67.83	303.55	2.93	13.12	54.0-55.0	4.10	2249.04	0.18	97.22
8.0-9.0	74.49	378.04	3.22	16.34	55.0-56.0	4.01	2253.05	0.17	97.39
9.0-10.0	80.29	458.33	3.47	19.81	56.0-57.0	3.92	2256.97	0.17	97.56
10.0-11.0	85.17	543.51	3.68	23.49	57.0-58.0	3.82	2260.79	0.17	97.73
11.0-12.0	89.10	632.61	3.85	27.35	58.0-59.0	3.72	2264.51	0.16	97.89
12.0-13.0	92.12	724.73	3.98	31.33	59.0-60.0	3.61	2268.12	0.16	98.04
13.0-14.0	94.25	818.97	4.07	35.40	60.0-61.0	3.49	2271.61	0.15	98.19
14.0-15.0	95.47	914.44	4.13	39.53	61.0-62.0	3.37	2274.98	0.15	98.34
15.0-16.0	95.73	1010.17	4.14	43.67	62.0-63.0	3.25	2278.23	0.14	98.48
16.0-17.0	94.91	1105.08	4.10	47.77	63.0-64.0	3.11	2281.34	0.13	98.61
17.0-18.0	93.13	1198.21	4.03	51.79	64.0-65.0	2.96	2284.30	0.13	98.74
18.0-19.0	90.45	1288.66	3.91	55.70	65.0-66.0	2.82	2287.12	0.12	98.86
19.0-20.0	86.87	1375.53	3.76	59.46	66.0-67.0	2.66	2289.78	0.12	98.98
20.0-21.0	82.50	1458.03	3.57	63.03	67.0-68.0	2.50	2292.29	0.11	99.09
21.0-22.0	77.53	1535.56	3.35	66.38	68.0-69.0	2.34	2294.63	0.10	99.19
22.0-23.0	72.23	1607.78	3.12	69.50	69.0-70.0	2.18	2296.82	0.09	99.28
23.0-24.0	66.51	1674.29	2.87	72.37	70.0-71.0	2.02	2298.84	0.09	99.37
24.0-25.0	60.71	1735.00	2.62	75.00	71.0-72.0	1.86	2300.70	0.08	99.45
25.0-26.0	55.25	1790.25	2.39	77.39	72.0-73.0	1.70	2302.40	0.07	99.52
26.0-27.0	50.16	1840.42	2.17	79.55	73.0-74.0	1.54	2303.95	0.07	99.59
27.0-28.0	45.43	1885.85	1.96	81.52	74.0-75.0	1.39	2305.33	0.06	99.65
28.0-29.0	41.00	1926.85	1.77	83.29	75.0-76.0	1.23	2306.56	0.05	99.70
29.0-30.0	36.96	1963.80	1.60	84.89	76.0-77.0	1.07	2307.63	0.05	99.75
30.0-31.0	33.27	1997.08	1.44	86.33	77.0-78.0	0.92	2308.55	0.04	99.79
31.0-32.0	29.87	2026.95	1.29	87.62	78.0-79.0	0.77	2309.32	0.03	99.82
32.0-33.0	26.64	2053.58	1.15	88.77	79.0-80.0	0.62	2309.94	0.03	99.85
33.0-34.0	23.57	2077.15	1.02	89.79	80.0-81.0	0.47	2310.41	0.02	99.87
34.0-35.0	20.71	2097.86	0.90	90.68	81.0-82.0	0.34	2310.74	0.01	99.89
35.0-36.0	18.06	2115.93	0.78	91.46	82.0-83.0	0.23	2310.97	0.01	99.90
36.0-37.0	15.65	2131.58	0.68	92.14	83.0-84.0	0.15	2311.12	0.01	99.90
37.0-38.0	13.50	2145.08	0.58	92.72	84.0-85.0	0.08	2311.21	0.00	99.91
38.0-39.0	11.63	2156.71	0.50	93.23	85.0-86.0	0.02	2311.23	0.00	99.91
39.0-40.0	10.06	2166.77	0.43	93.66	86.0-87.0	0.00	2311.23	0.00	99.91
40.0-41.0	8.77	2175.54	0.38	94.04	87.0-88.0	0.00	2311.23	0.00	99.91
41.0-42.0	7.73	2183.27	0.33	94.38	88.0-89.0	0.00	2311.23	0.00	99.91
42.0-43.0	6.92	2190.19	0.30	94.67	89.0-90.0	0.00	2311.23	0.00	99.91
43.0-44.0	6.30	2196.50	0.27	94.95	90.0-91.0	0.00	2311.23	0.00	99.91
44.0-45.0	5.85	2202.35	0.25	95.20	91.0-92.0	0.00	2311.23	0.00	99.91
45.0-46.0	5.51	2207.86	0.24	95.44	92.0-93.0	0.00	2311.23	0.00	99.91
46.0-47.0	5.23	2213.09	0.23	95.66	93.0-94.0	0.00	2311.23	0.00	99.91

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	0.00	2311.23	0.00	99.91	141.0-142.0	0.00	2311.23	0.00	99.91
95.0-96.0	0.00	2311.23	0.00	99.91	142.0-143.0	0.00	2311.23	0.00	99.91
96.0-97.0	0.00	2311.23	0.00	99.91	143.0-144.0	0.00	2311.23	0.00	99.91
97.0-98.0	0.00	2311.23	0.00	99.91	144.0-145.0	0.00	2311.23	0.00	99.91
98.0-99.0	0.00	2311.23	0.00	99.91	145.0-146.0	0.00	2311.23	0.00	99.91
99.0-100.0	0.00	2311.23	0.00	99.91	146.0-147.0	0.00	2311.23	0.00	99.91
100.0-101.0	0.00	2311.23	0.00	99.91	147.0-148.0	0.01	2311.25	0.00	99.91
101.0-102.0	0.00	2311.23	0.00	99.91	148.0-149.0	0.02	2311.27	0.00	99.91
102.0-103.0	0.00	2311.23	0.00	99.91	149.0-150.0	0.03	2311.30	0.00	99.91
103.0-104.0	0.00	2311.23	0.00	99.91	150.0-151.0	0.04	2311.34	0.00	99.91
104.0-105.0	0.00	2311.23	0.00	99.91	151.0-152.0	0.05	2311.39	0.00	99.91
105.0-106.0	0.00	2311.23	0.00	99.91	152.0-153.0	0.06	2311.44	0.00	99.92
106.0-107.0	0.00	2311.23	0.00	99.91	153.0-154.0	0.07	2311.51	0.00	99.92
107.0-108.0	0.00	2311.23	0.00	99.91	154.0-155.0	0.08	2311.59	0.00	99.92
108.0-109.0	0.00	2311.23	0.00	99.91	155.0-156.0	0.09	2311.68	0.00	99.93
109.0-110.0	0.00	2311.23	0.00	99.91	156.0-157.0	0.10	2311.77	0.00	99.93
110.0-111.0	0.00	2311.23	0.00	99.91	157.0-158.0	0.10	2311.87	0.00	99.93
111.0-112.0	0.00	2311.23	0.00	99.91	158.0-159.0	0.11	2311.98	0.00	99.94
112.0-113.0	0.00	2311.23	0.00	99.91	159.0-160.0	0.11	2312.09	0.00	99.94
113.0-114.0	0.00	2311.23	0.00	99.91	160.0-161.0	0.11	2312.19	0.00	99.95
114.0-115.0	0.00	2311.23	0.00	99.91	161.0-162.0	0.11	2312.30	0.00	99.95
115.0-116.0	0.00	2311.23	0.00	99.91	162.0-163.0	0.11	2312.41	0.00	99.96
116.0-117.0	0.00	2311.23	0.00	99.91	163.0-164.0	0.10	2312.51	0.00	99.96
117.0-118.0	0.00	2311.23	0.00	99.91	164.0-165.0	0.10	2312.61	0.00	99.97
118.0-119.0	0.00	2311.23	0.00	99.91	165.0-166.0	0.10	2312.71	0.00	99.97
119.0-120.0	0.00	2311.23	0.00	99.91	166.0-167.0	0.09	2312.80	0.00	99.97
120.0-121.0	0.00	2311.23	0.00	99.91	167.0-168.0	0.08	2312.88	0.00	99.98
121.0-122.0	0.00	2311.23	0.00	99.91	168.0-169.0	0.08	2312.96	0.00	99.98
122.0-123.0	0.00	2311.23	0.00	99.91	169.0-170.0	0.07	2313.03	0.00	99.98
123.0-124.0	0.00	2311.23	0.00	99.91	170.0-171.0	0.07	2313.10	0.00	99.99
124.0-125.0	0.00	2311.23	0.00	99.91	171.0-172.0	0.06	2313.16	0.00	99.99
125.0-126.0	0.00	2311.23	0.00	99.91	172.0-173.0	0.05	2313.22	0.00	99.99
126.0-127.0	0.00	2311.23	0.00	99.91	173.0-174.0	0.05	2313.27	0.00	99.99
127.0-128.0	0.00	2311.23	0.00	99.91	174.0-175.0	0.04	2313.31	0.00	100.00
128.0-129.0	0.00	2311.23	0.00	99.91	175.0-176.0	0.03	2313.34	0.00	100.00
129.0-130.0	0.00	2311.23	0.00	99.91	176.0-177.0	0.03	2313.37	0.00	100.00
130.0-131.0	0.00	2311.23	0.00	99.91	177.0-178.0	0.02	2313.39	0.00	100.00
131.0-132.0	0.00	2311.23	0.00	99.91	178.0-179.0	0.01	2313.40	0.00	100.00
132.0-133.0	0.00	2311.23	0.00	99.91	179.0-180.0	0.00	2313.40	0.00	100.00
133.0-134.0	0.00	2311.23	0.00	99.91					
134.0-135.0	0.00	2311.23	0.00	99.91					
135.0-136.0	0.00	2311.23	0.00	99.91					
136.0-137.0	0.00	2311.23	0.00	99.91					
137.0-138.0	0.00	2311.23	0.00	99.91					
138.0-139.0	0.00	2311.23	0.00	99.91					
139.0-140.0	0.00	2311.23	0.00	99.91					
140.0-141.0	0.00	2311.23	0.00	99.91					

Rectangle ISO Lighting Intensity Diagram

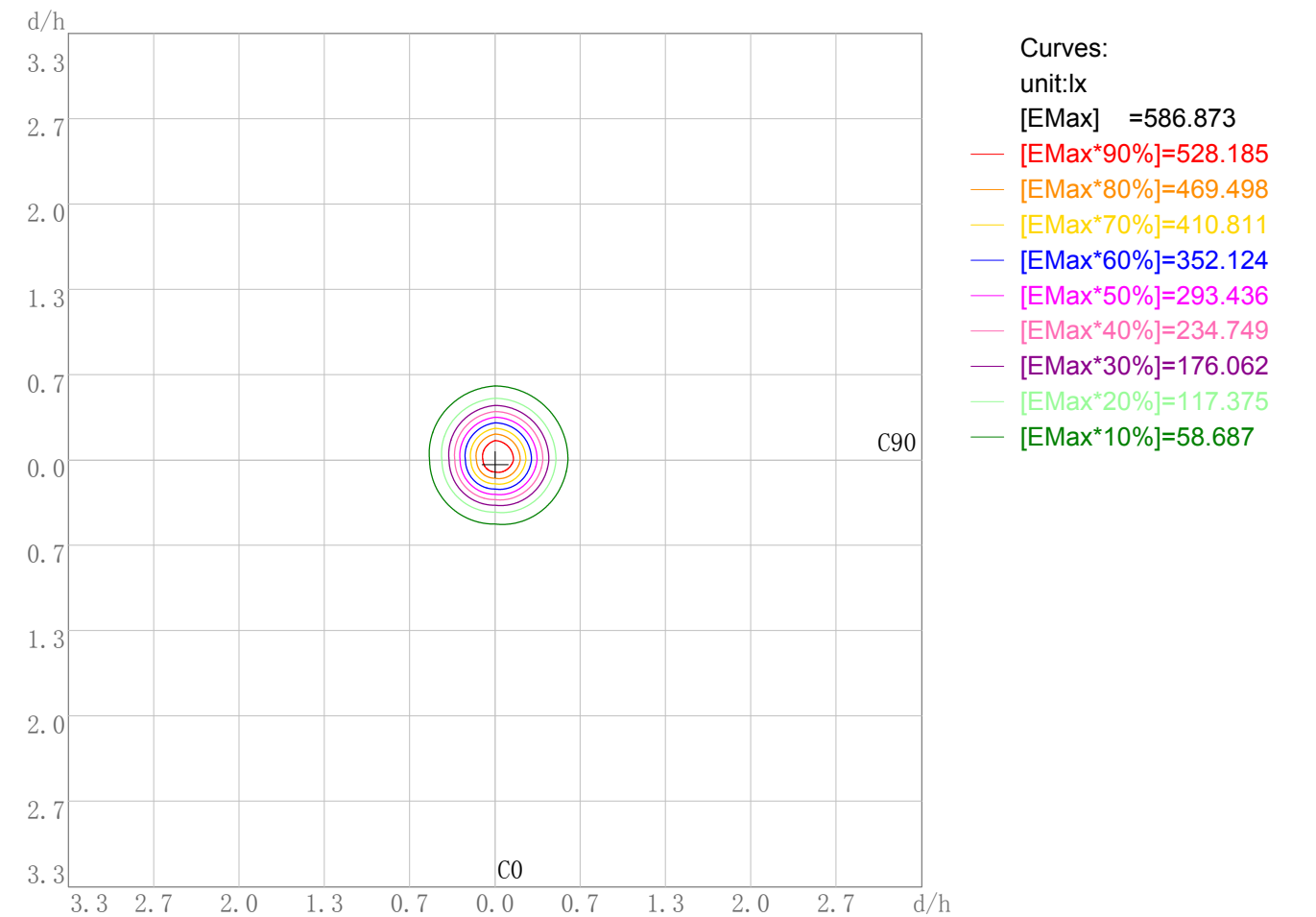
Lum. Name:TR05-30-XX-01 3000K RA90 36D	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/11



Plane ISO-Illuminance Diagram

Lum. Name:TR05-30-XX-01 3000K RA90 36D	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/11

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 586.87

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

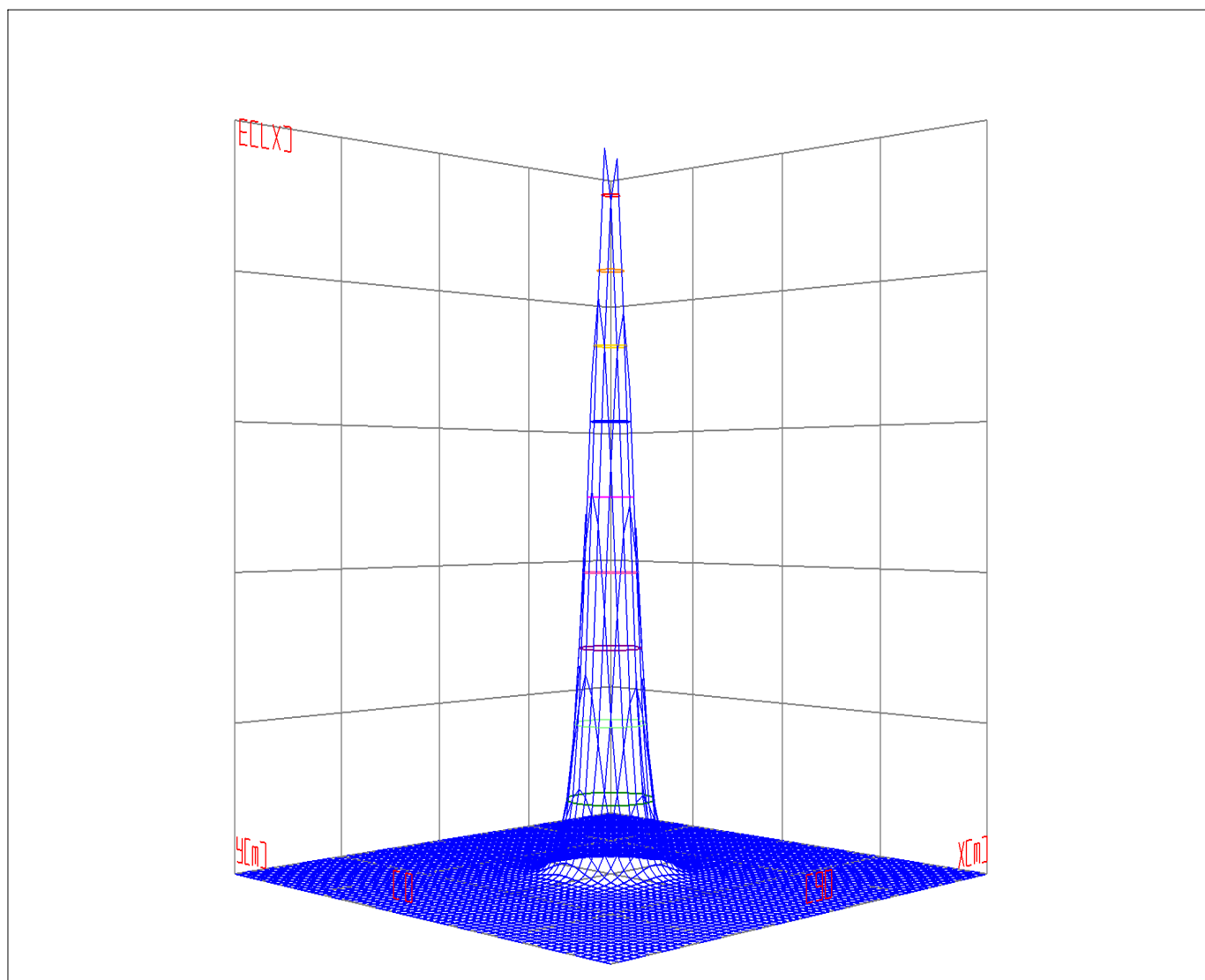
IES Indoor Report

Photometric Filename:TR05-30-XX-01 3000K RA90 36D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: TR05-30-XX-01 3000K RA90 36D	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/11

3D Plane Illuminance Modal

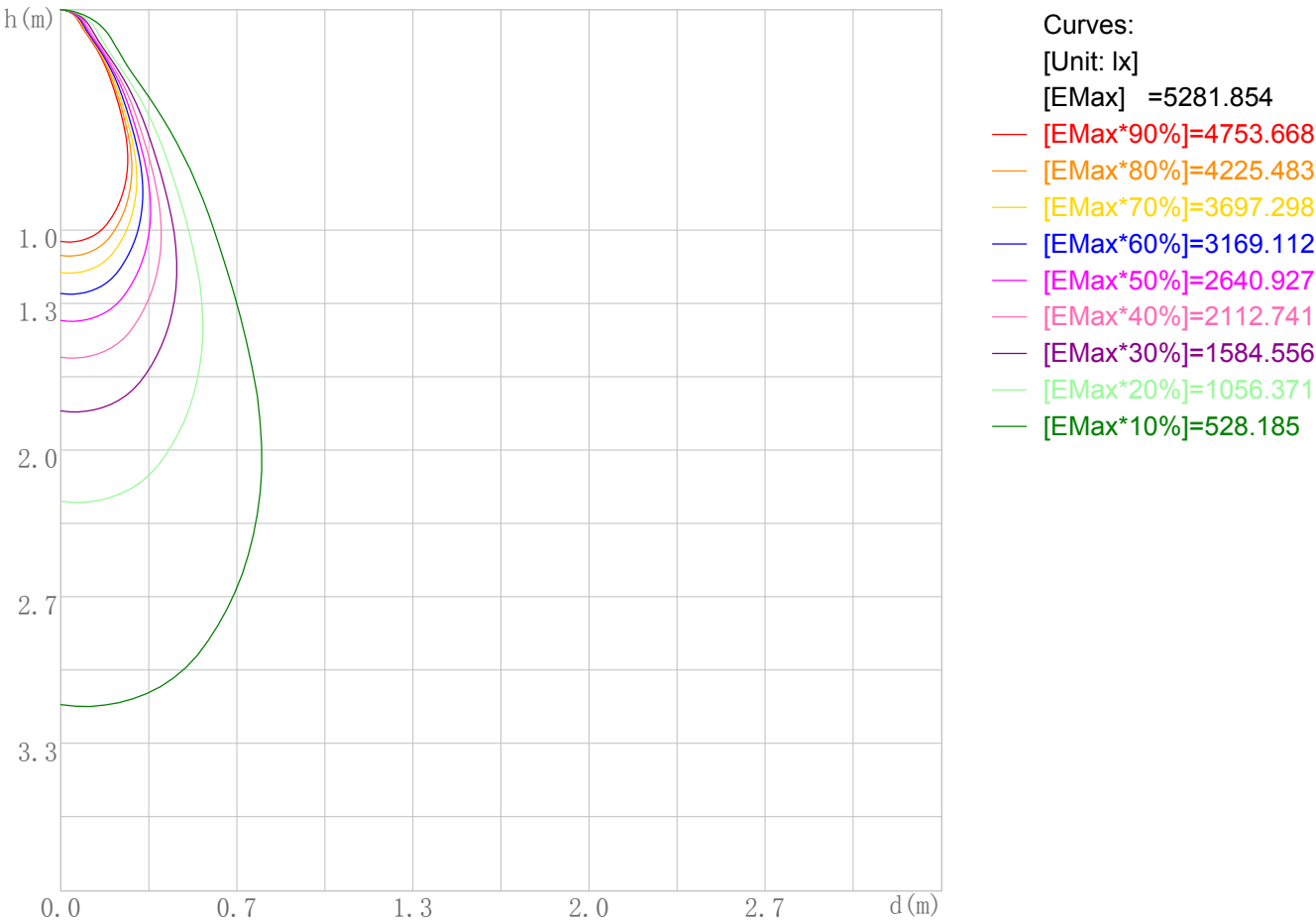


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: TR05-30-XX-01 3000K RA90 36D	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/11

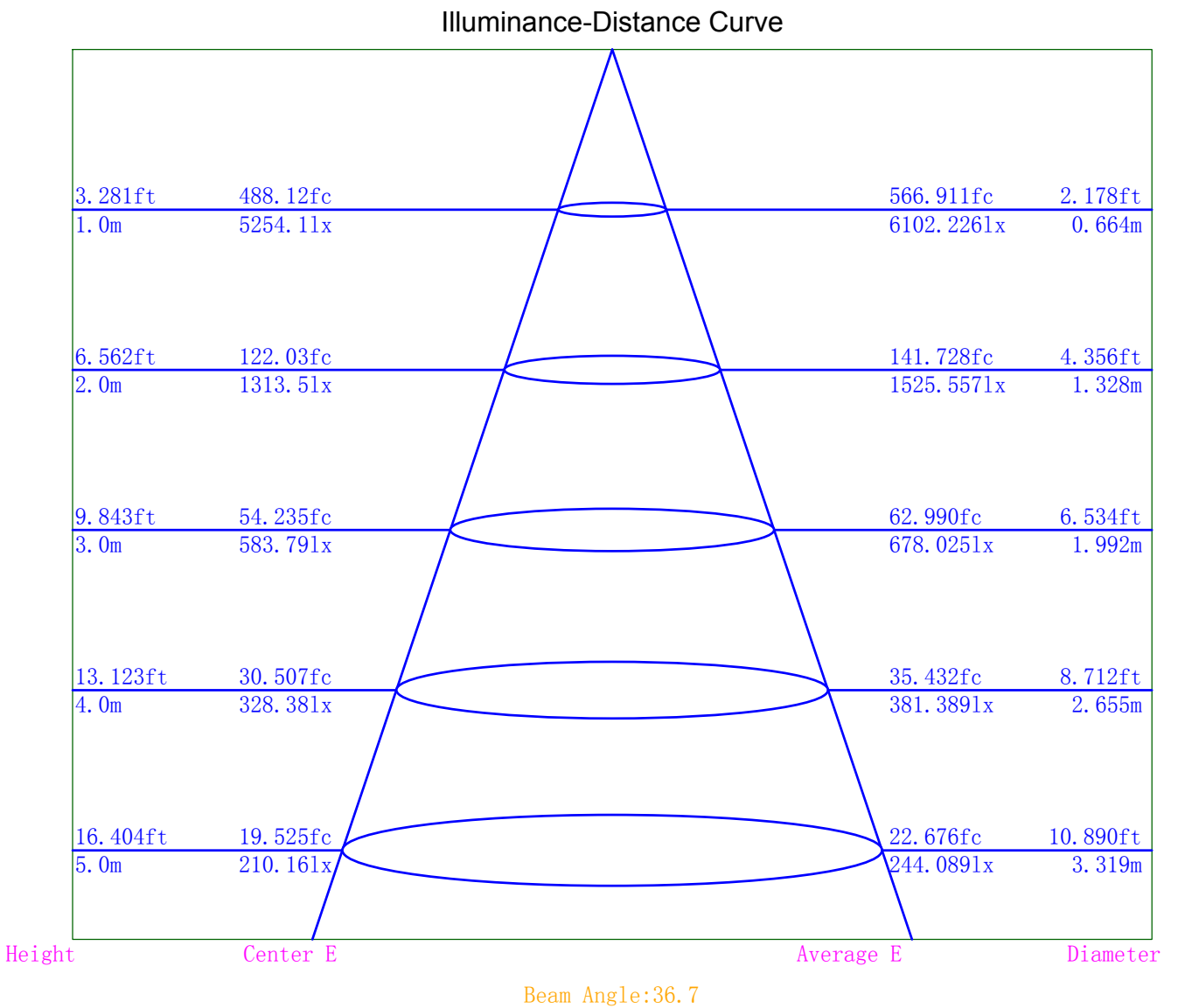
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:5281.85lx,2.0deg
Plane Maximum Lighting Intensity and @Angle:5291.518cd,0deg

Illuminance-Distance Diagram

Lum. Name:TR05-30-XX-01 3000K RA90 36D	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/11



Indoor Luminance Limiting Curves

Lum. Name: TR05-30-XX-01 3000K RA90 36D	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/11

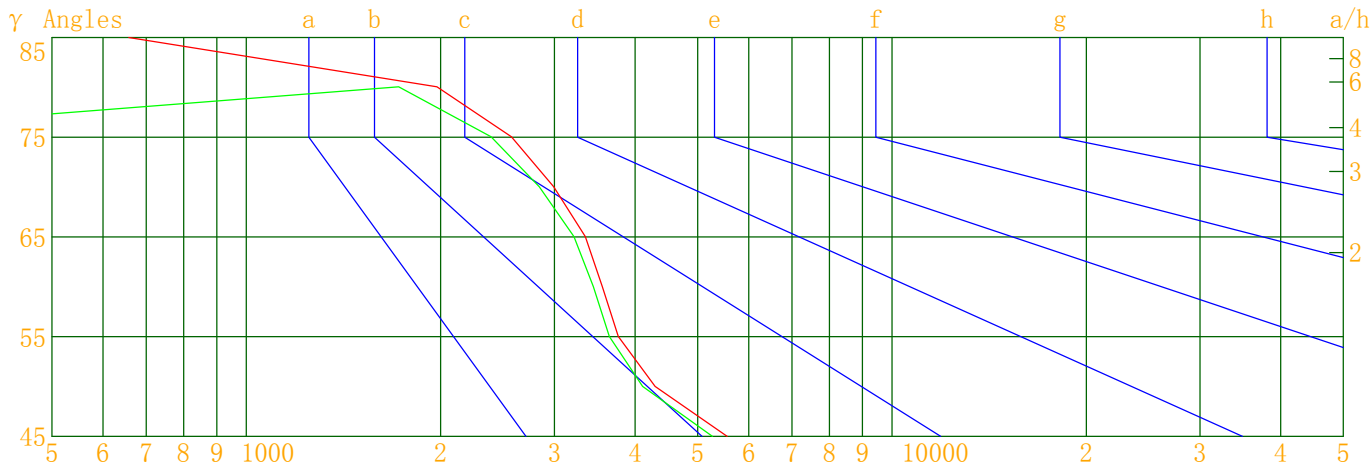
Glare Grade Table

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	5556	4296	3768	3559	3350	2991	2573	1973	658
C90	5270	4111	3650	3447	3218	2842	2393	1722	183

Luminance Limiting Curve



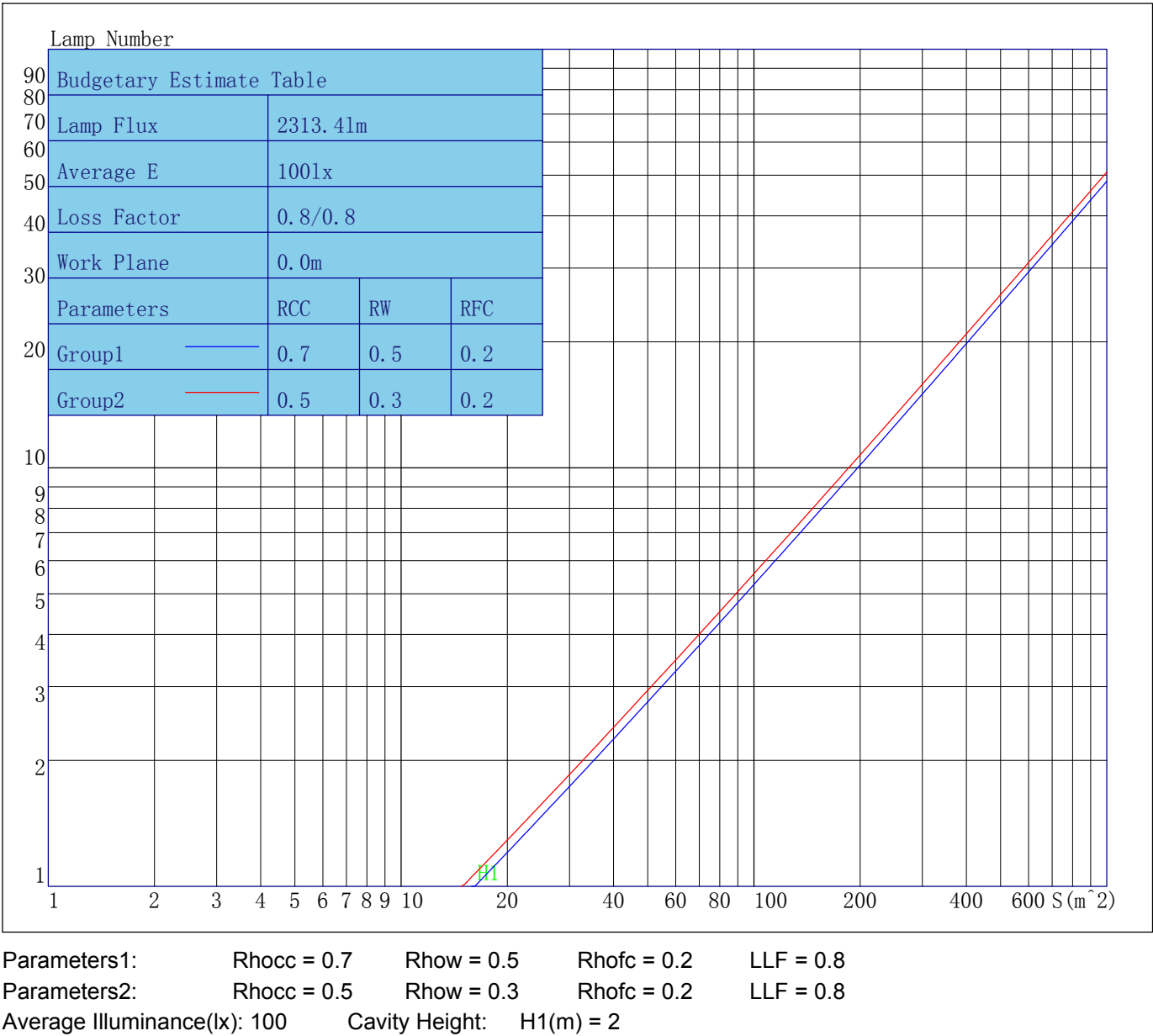
Luminous Size: Length(m)=0.070 Width(m)=0.070 Height(m)=0.266 Area(m^2)=0.023520

Luminous Type: Without Luminous Side

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

Indoor Budgetary Estimate Table

Lum. Name:TR05-30-XX-01 3000K RA90 36D	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/11



Indoor Coefficient of Utilization Table

Lum. Name:TR05-30-XX-01 3000K RA90 36D	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/11

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89
3	104	99	94	91	103	97	93	90	95	91	89	92	90	87	90	88	86	84
4	100	93	89	85	98	92	88	84	90	86	83	88	85	82	87	84	81	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	77	76
6	92	85	79	76	91	84	79	75	82	78	75	81	77	74	80	76	74	73
7	89	81	75	72	87	80	75	72	79	74	71	78	74	71	77	73	71	69
8	85	77	72	68	84	77	72	68	76	71	68	75	71	68	74	70	67	66
9	82	74	69	65	81	73	69	65	73	68	65	72	68	65	71	67	65	64
10	79	71	66	63	78	71	66	63	70	65	62	69	65	62	68	65	62	61

Unified Glare Rating Table

Lum. Name:TR05-30-XX-01 3000K RA90 36D	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/11

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	13.7	14.7	14.0	15.0	15.3	13.3	14.3	13.7	14.6	15.0
	14.2	15.0	14.5	15.4	15.7	13.8	14.7	14.2	15.0	15.4
	14.3	15.1	14.7	15.5	15.9	14.0	14.8	14.4	15.2	15.5
	14.4	15.2	14.8	15.5	15.9	14.1	14.8	14.5	15.2	15.6
	14.4	15.1	14.9	15.5	15.9	14.0	14.7	14.5	15.1	15.5
	14.4	15.0	14.8	15.4	15.9	14.0	14.7	14.4	15.0	15.5
X=4H Y=2H	13.7	14.5	14.1	14.9	15.3	13.4	14.2	13.8	14.5	14.9
	14.3	15.0	14.8	15.4	15.8	14.0	14.7	14.4	15.1	15.5
	14.6	15.2	15.0	15.6	16.1	14.3	14.9	14.7	15.3	15.7
	14.8	15.3	15.2	15.7	16.2	14.4	14.9	14.9	15.4	15.9
	14.8	15.2	15.2	15.7	16.2	14.4	14.9	14.9	15.3	15.8
	14.7	15.1	15.2	15.6	16.1	14.4	14.8	14.8	15.2	15.7
X=8H Y=4H	14.6	15.1	15.1	15.5	16.0	14.3	14.7	14.8	15.2	15.7
	14.8	15.2	15.3	15.7	16.2	14.5	14.8	15.0	15.3	15.9
	14.8	15.2	15.4	15.7	16.2	14.5	14.8	15.0	15.3	15.8
	14.8	15.1	15.3	15.6	16.2	14.4	14.7	14.9	15.2	15.8
X=12H Y=4H	14.5	15.0	15.0	15.4	15.9	14.2	14.6	14.7	15.1	15.6
	14.8	15.1	15.3	15.6	16.1	14.4	14.7	14.9	15.2	15.8
	14.8	15.1	15.3	15.6	16.2	14.4	14.7	15.0	15.2	15.8
Variations with the objverver position at spacings										
S=1.0H	0.7/-0.8					0.8/-1.0				
S=1.5H	1.2/-1.5					1.3/-1.7				
S=2.0H	1.5/-2.0					1.7/-2.2				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	1.1					1.1				

o the CIE Pub.117,data has been corrected,refers to the lamp’s lumens 8.2flm.

IES Indoor Report

Photometric Filename:TR05-30-XX-01 3000K RA90 36D.IES

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	5254.11	5254.11	5254.11	5254.11
γ 1.0	5280.93	5261.60	5217.25	5213.86
γ 2.0	5291.52	5257.81	5155.66	5163.60
γ 3.0	5282.45	5242.37	5076.21	5093.64
γ 4.0	5262.85	5217.48	4975.08	4998.64
γ 5.0	5224.61	5169.86	4849.06	4878.05
γ 6.0	5170.88	5103.67	4701.10	4737.22
γ 7.0	5099.74	5020.71	4533.24	4574.44
γ 8.0	5005.90	4914.31	4353.77	4408.88
γ 9.0	4890.10	4787.65	4167.46	4235.07
γ 10.0	4749.74	4639.19	3972.51	4049.14
γ 11.0	4584.21	4476.44	3770.75	3854.40
γ 12.0	4409.43	4295.98	3560.13	3653.15
γ 13.0	4228.67	4110.40	3344.76	3446.06
γ 14.0	4040.77	3922.16	3128.55	3230.54
γ 15.0	3846.27	3726.28	2909.96	3012.52
γ 16.0	3641.88	3524.38	2685.12	2785.14
γ 17.0	3431.70	3316.74	2446.26	2547.45
γ 18.0	3218.07	3104.29	2212.54	2316.47
γ 19.0	3000.57	2885.87	1974.60	2083.00
γ 20.0	2778.10	2665.75	1743.68	1853.98
γ 21.0	2542.18	2426.74	1534.45	1640.31
γ 22.0	2308.18	2194.51	1339.60	1446.31
γ 23.0	2076.64	1961.56	1173.68	1268.05
γ 24.0	1832.84	1725.60	1018.97	1110.78
γ 25.0	1612.35	1511.16	891.53	976.64
γ 26.0	1410.62	1318.61	782.79	859.04
γ 27.0	1233.64	1147.56	688.94	760.36
γ 28.0	1073.78	999.22	605.03	668.55
γ 29.0	940.81	870.20	527.31	583.69
γ 30.0	826.93	762.68	458.43	505.07
γ 31.0	729.57	672.58	390.19	437.19
γ 32.0	642.81	592.95	334.49	370.76
γ 33.0	560.75	518.91	282.15	313.77
γ 34.0	490.50	450.53	235.45	263.15
γ 35.0	423.37	391.80	196.09	216.79
γ 36.0	364.98	336.65	161.60	177.99
γ 37.0	311.95	288.02	133.12	145.08
γ 38.0	264.31	245.72	110.59	118.92
γ 39.0	223.33	208.15	93.09	99.37
γ 40.0	187.97	176.17	80.52	85.50
γ 41.0	158.51	149.01	71.74	75.72
γ 42.0	134.77	126.93	65.55	68.84
γ 43.0	116.32	109.91	60.91	63.91
γ 44.0	102.47	97.12	57.43	60.05
γ 45.0	92.40	87.64	54.74	56.97
γ 46.0	84.65	80.46	52.29	54.20

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	78.44	74.77	49.94	51.37
γ 48.0	73.24	69.99	47.85	49.02
γ 49.0	68.85	65.85	46.38	47.60
γ 50.0	64.95	62.15	45.17	46.31
γ 51.0	61.10	58.59	43.96	45.13
γ 52.0	57.70	55.31	42.92	44.10
γ 53.0	55.26	53.06	41.90	43.06
γ 54.0	52.95	51.05	40.95	42.01
γ 55.0	50.83	49.23	39.75	40.87
γ 56.0	49.01	47.38	38.42	39.65
γ 57.0	47.26	45.74	37.07	38.33
γ 58.0	45.50	44.06	35.66	37.07
γ 59.0	43.67	42.35	34.26	35.68
γ 60.0	41.86	40.53	32.84	34.33
γ 61.0	40.13	38.83	31.31	32.82
γ 62.0	38.45	37.16	29.93	31.39
γ 63.0	36.80	35.42	28.27	29.69
γ 64.0	35.03	33.62	26.50	27.92
γ 65.0	33.30	31.98	24.87	26.33
γ 66.0	31.49	30.22	23.18	24.68
γ 67.0	29.57	28.34	21.50	22.88
γ 68.0	27.79	26.48	19.88	21.28
γ 69.0	25.90	24.66	18.32	19.54
γ 70.0	24.06	22.86	16.73	17.98
γ 71.0	22.33	21.12	15.07	16.40
γ 72.0	20.67	19.45	13.50	14.71
γ 73.0	18.97	17.71	11.97	13.17
γ 74.0	17.30	16.16	10.48	11.66
γ 75.0	15.66	14.57	8.99	10.16
γ 76.0	13.98	12.90	7.52	8.66
γ 77.0	12.49	11.40	6.08	7.20
γ 78.0	11.05	9.95	4.68	5.79
γ 79.0	9.51	8.53	3.30	4.39
γ 80.0	8.06	7.03	2.01	3.05
γ 81.0	6.66	5.65	0.75	1.72
γ 82.0	5.22	4.32	0.00	0.43
γ 83.0	3.92	2.99	0.00	0.00
γ 84.0	2.58	1.64	0.00	0.00
γ 85.0	1.35	0.38	0.00	0.00
γ 86.0	0.05	0.00	0.00	0.00
γ 87.0	0.00	0.00	0.00	0.00
γ 88.0	0.00	0.00	0.00	0.00
γ 89.0	0.00	0.00	0.00	0.00
γ 90.0	0.00	0.00	0.00	0.00
γ 91.0	0.00	0.00	0.00	0.00
γ 92.0	0.00	0.00	0.00	0.00
γ 93.0	0.00	0.00	0.00	0.00

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.00	0.00	0.00	0.00
γ 95.0	0.00	0.00	0.00	0.00
γ 96.0	0.00	0.00	0.00	0.00
γ 97.0	0.00	0.00	0.00	0.00
γ 98.0	0.00	0.00	0.00	0.00
γ 99.0	0.00	0.00	0.00	0.00
γ 100.0	0.00	0.00	0.00	0.00
γ 101.0	0.00	0.00	0.00	0.00
γ 102.0	0.00	0.00	0.00	0.00
γ 103.0	0.00	0.00	0.00	0.00
γ 104.0	0.00	0.00	0.00	0.00
γ 105.0	0.00	0.00	0.00	0.00
γ 106.0	0.00	0.00	0.00	0.00
γ 107.0	0.00	0.00	0.00	0.00
γ 108.0	0.00	0.00	0.00	0.00
γ 109.0	0.00	0.00	0.00	0.00
γ 110.0	0.00	0.00	0.00	0.00
γ 111.0	0.00	0.00	0.00	0.00
γ 112.0	0.00	0.00	0.00	0.00
γ 113.0	0.00	0.00	0.00	0.00
γ 114.0	0.00	0.00	0.00	0.00
γ 115.0	0.00	0.00	0.00	0.00
γ 116.0	0.00	0.00	0.00	0.00
γ 117.0	0.00	0.00	0.00	0.00
γ 118.0	0.00	0.00	0.00	0.00
γ 119.0	0.00	0.00	0.00	0.00
γ 120.0	0.00	0.00	0.00	0.00
γ 121.0	0.00	0.00	0.00	0.00
γ 122.0	0.00	0.00	0.00	0.00
γ 123.0	0.00	0.00	0.00	0.00
γ 124.0	0.00	0.00	0.00	0.00
γ 125.0	0.00	0.00	0.00	0.00
γ 126.0	0.00	0.00	0.00	0.00
γ 127.0	0.00	0.00	0.00	0.00
γ 128.0	0.00	0.00	0.00	0.00
γ 129.0	0.00	0.00	0.00	0.00
γ 130.0	0.00	0.00	0.00	0.00
γ 131.0	0.00	0.00	0.00	0.00
γ 132.0	0.00	0.00	0.00	0.00
γ 133.0	0.00	0.00	0.00	0.00
γ 134.0	0.00	0.00	0.00	0.00
γ 135.0	0.00	0.00	0.00	0.00
γ 136.0	0.00	0.00	0.00	0.00
γ 137.0	0.00	0.00	0.00	0.00
γ 138.0	0.00	0.00	0.00	0.00
γ 139.0	0.00	0.00	0.00	0.00
γ 140.0	0.00	0.00	0.00	0.00

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	0.00	0.00	0.00	0.00
γ 142.0	0.00	0.00	0.00	0.00
γ 143.0	0.00	0.00	0.00	0.00
γ 144.0	0.00	0.00	0.00	0.00
γ 145.0	0.00	0.00	0.00	0.00
γ 146.0	0.00	0.00	0.01	0.00
γ 147.0	0.00	0.00	0.46	0.00
γ 148.0	0.00	0.00	0.82	0.37
γ 149.0	0.00	0.00	1.17	0.81
γ 150.0	0.00	0.00	1.55	1.08
γ 151.0	0.00	0.00	1.84	1.47
γ 152.0	0.00	0.00	2.17	1.68
γ 153.0	0.22	0.23	2.47	1.98
γ 154.0	0.54	0.57	2.65	2.27
γ 155.0	0.89	0.88	3.03	2.46
γ 156.0	1.16	1.17	3.21	2.67
γ 157.0	1.50	1.45	3.32	2.95
γ 158.0	1.82	1.69	3.45	3.09
γ 159.0	2.07	1.95	3.66	3.21
γ 160.0	2.32	2.17	3.76	3.36
γ 161.0	2.52	2.40	3.85	3.37
γ 162.0	2.73	2.64	3.87	3.54
γ 163.0	2.96	2.78	3.84	3.47
γ 164.0	3.12	2.88	3.94	3.54
γ 165.0	3.18	3.03	3.93	3.53
γ 166.0	3.31	3.09	3.99	3.66
γ 167.0	3.42	3.21	3.94	3.59
γ 168.0	3.44	3.28	3.96	3.66
γ 169.0	3.55	3.32	3.98	3.73
γ 170.0	3.60	3.39	4.05	3.66
γ 171.0	3.68	3.47	4.17	3.74
γ 172.0	3.75	3.41	4.18	3.83
γ 173.0	3.82	3.58	4.15	3.87
γ 174.0	3.85	3.69	4.13	3.91
γ 175.0	3.91	3.76	4.24	3.95
γ 176.0	4.02	3.83	4.21	3.92
γ 177.0	4.10	3.90	4.26	4.08
γ 178.0	4.05	4.02	4.23	4.12
γ 179.0	4.17	4.09	4.33	4.16
γ 180.0	4.21	4.21	4.21	4.21