

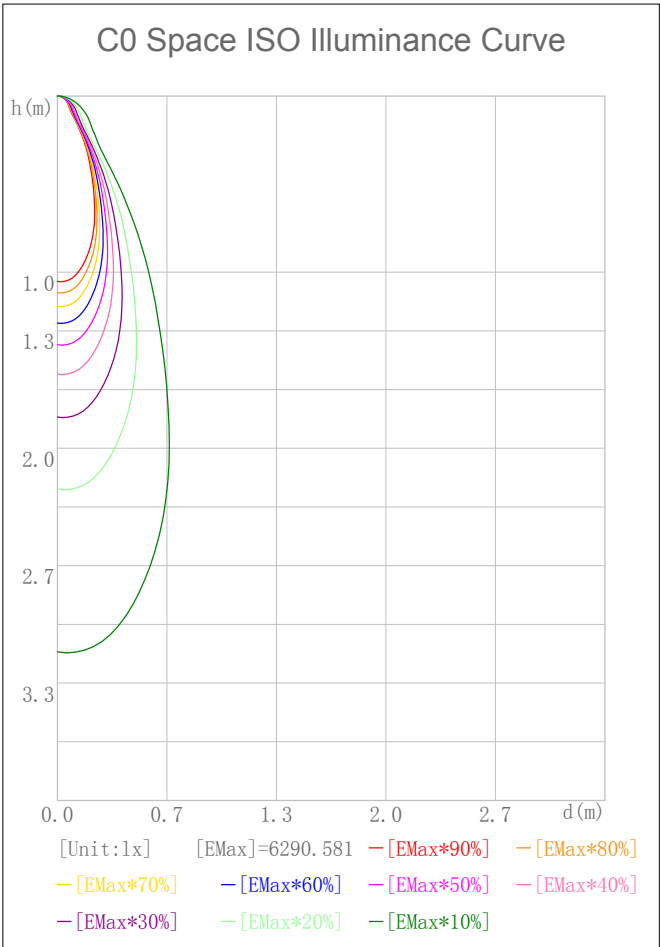
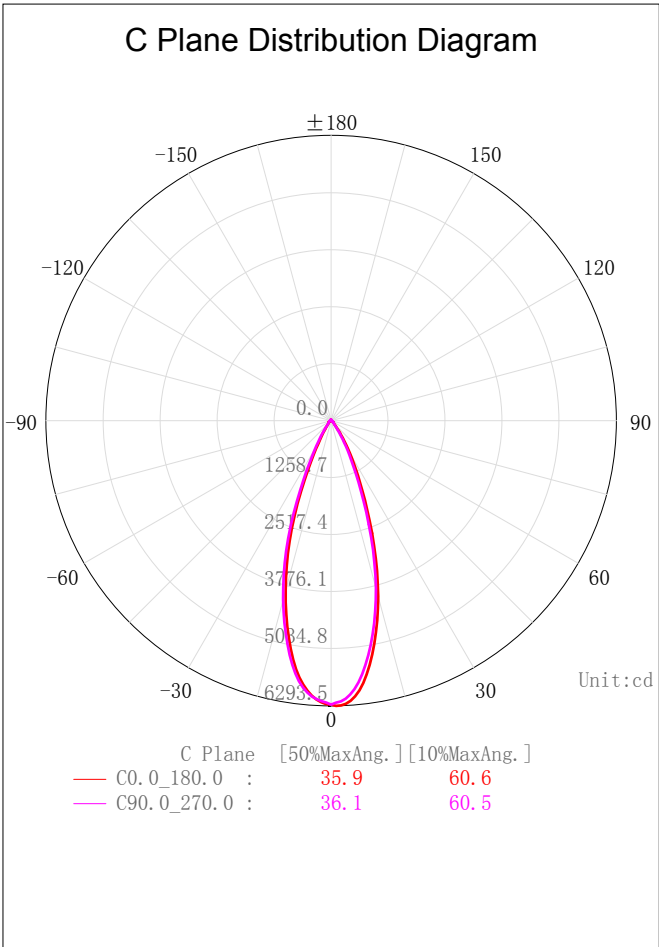
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR05-35-XX-01 2700K RA90 36D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/11/22
Manufacture: Shenzhen Norming Lighting Co., Ltd		Shld. Ang(°):	Test Machine:GON-2000
Test Lab: QUality peatment		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

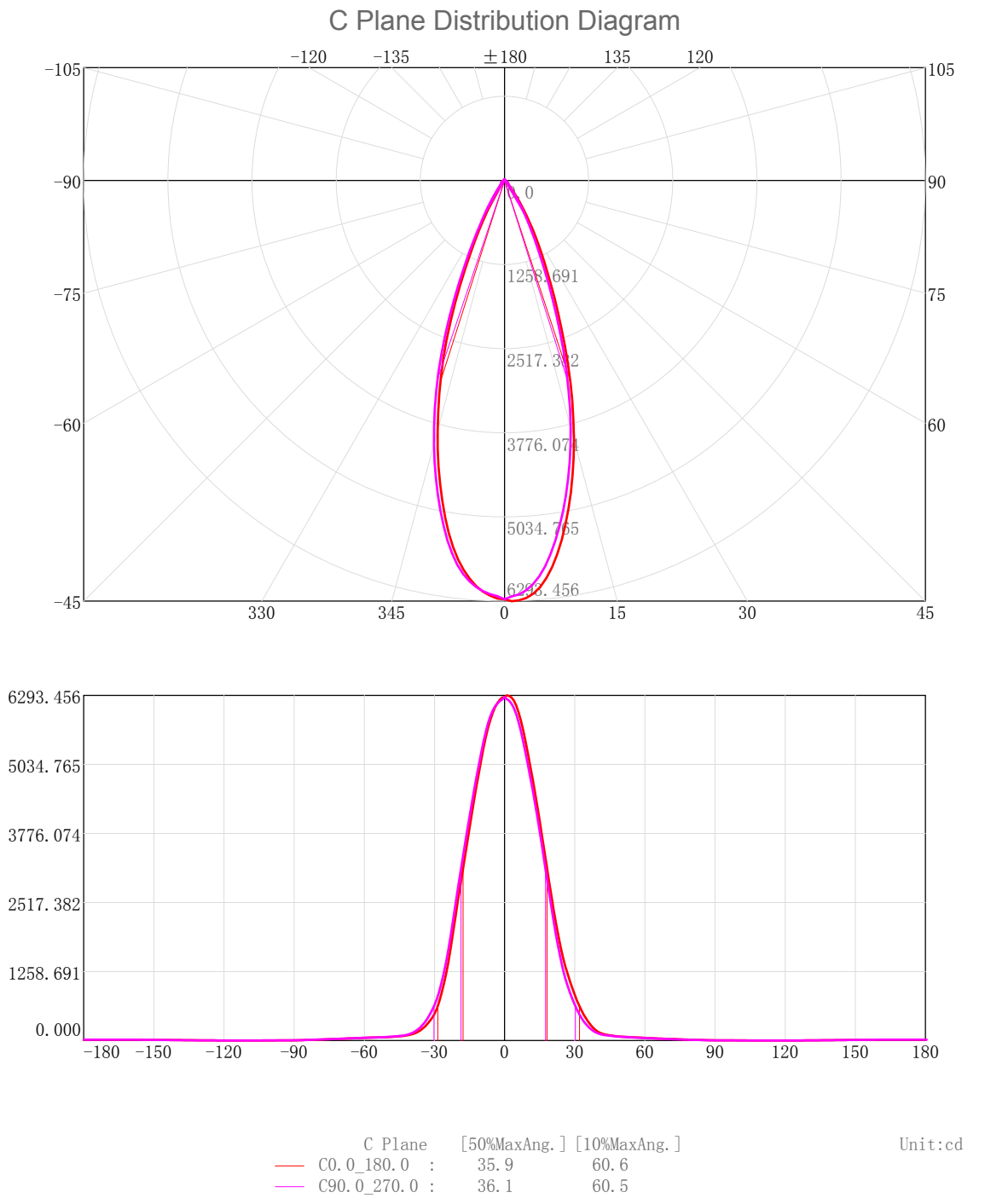
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 2707.560	Luminary Flux(lm): 2707.559	Field Angle(10%Imax): 60.6(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 2667.099lm 98.51%	
Rated Voltage(V):	Luminary EER(lm/W): 78.525	Up Lumens&Percent: 40.460lm 1.49%	
Tested Power(W): 34.480	Max. Candela(cd): 6293.456	S/MH: C0_a180=0.590 C90_270=0.593	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.1, 0.145, 0.990	Beam Angle(50%Imax): 35.9(°)	ErP ϕ use(90°): 2468.670lm	
Lamp Size (W*L*H):0.070m*0.070m*0.266m	Left=-17.7°, Right=18.2°	IRF(%): 498.716	



2D Plane Light Intensity Distribution Curve

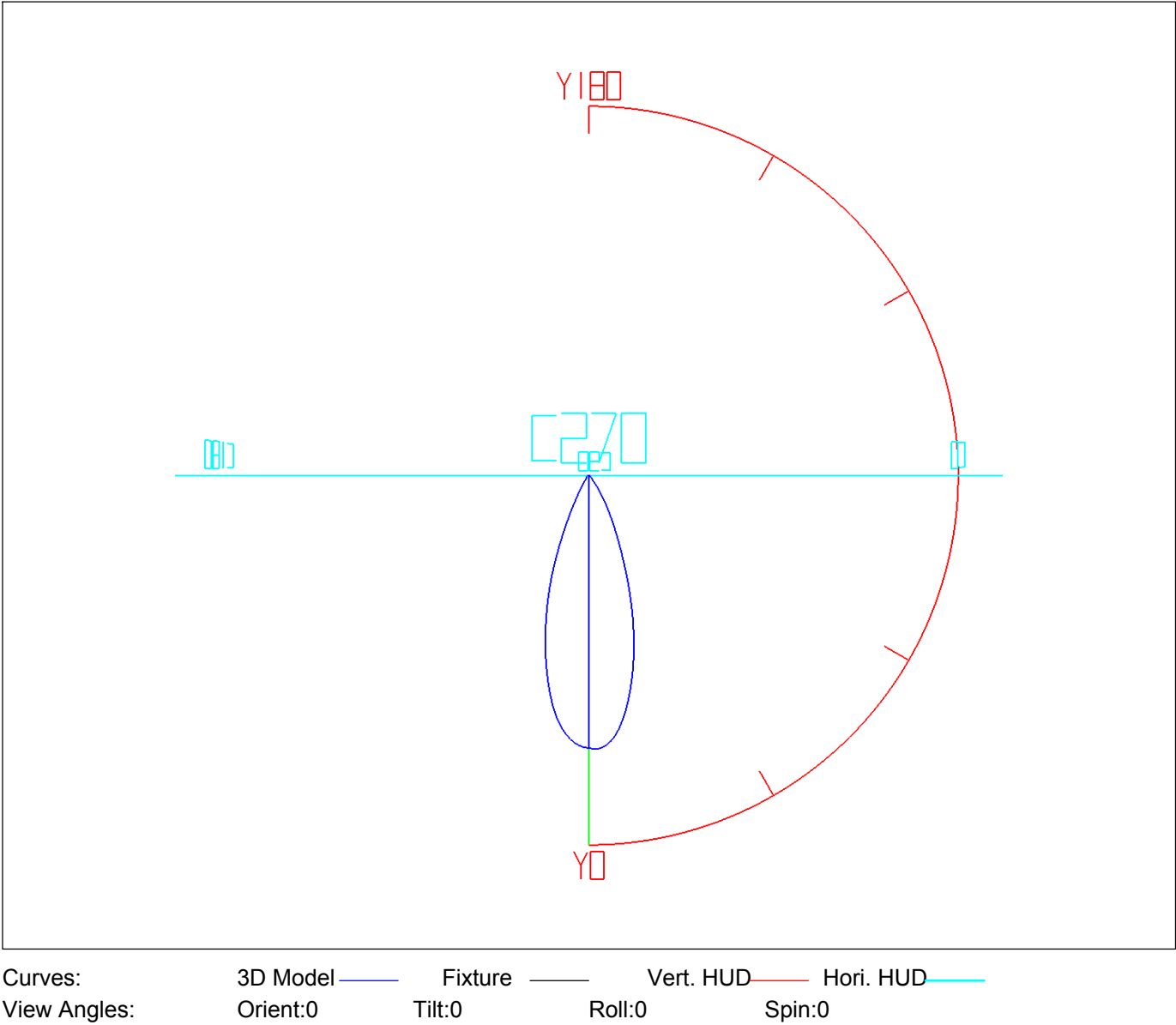
Lum. Name:TR05-35-XX-01 2700K RA90 36D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:QQualty peatment
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/11/22



3D Light Intensity Distribution Modal

Lum. Name:TR05-35-XX-01 2700K RA90 36D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:QQualty peatment
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/11/22

3D Light Intensity Distribution Modal



IES Indoor Report

Photometric Filename:TR05-35-XX-01 2700K 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	5.99	5.99	0.22	0.22	47.0-48.0	6.18	2525.25	0.23	93.27
1.0-2.0	17.90	23.88	0.66	0.88	48.0-49.0	5.96	2531.22	0.22	93.49
2.0-3.0	29.65	53.53	1.10	1.98	49.0-50.0	5.80	2537.02	0.21	93.70
3.0-4.0	41.11	94.65	1.52	3.50	50.0-51.0	5.66	2542.68	0.21	93.91
4.0-5.0	52.13	146.78	1.93	5.42	51.0-52.0	5.54	2548.22	0.20	94.12
5.0-6.0	62.55	209.33	2.31	7.73	52.0-53.0	5.45	2553.67	0.20	94.32
6.0-7.0	72.20	281.53	2.67	10.40	53.0-54.0	5.36	2559.03	0.20	94.51
7.0-8.0	80.94	362.46	2.99	13.39	54.0-55.0	5.29	2564.32	0.20	94.71
8.0-9.0	88.64	451.10	3.27	16.66	55.0-56.0	5.21	2569.53	0.19	94.90
9.0-10.0	95.28	546.38	3.52	20.18	56.0-57.0	5.12	2574.65	0.19	95.09
10.0-11.0	100.80	647.18	3.72	23.90	57.0-58.0	5.02	2579.68	0.19	95.28
11.0-12.0	105.22	752.39	3.89	27.79	58.0-59.0	4.91	2584.59	0.18	95.46
12.0-13.0	108.55	860.95	4.01	31.80	59.0-60.0	4.80	2589.39	0.18	95.64
13.0-14.0	110.77	971.72	4.09	35.89	60.0-61.0	4.67	2594.06	0.17	95.81
14.0-15.0	111.84	1083.56	4.13	40.02	61.0-62.0	4.55	2598.61	0.17	95.98
15.0-16.0	111.70	1195.27	4.13	44.15	62.0-63.0	4.41	2603.03	0.16	96.14
16.0-17.0	110.40	1305.67	4.08	48.22	63.0-64.0	4.27	2607.30	0.16	96.30
17.0-18.0	108.04	1413.71	3.99	52.21	64.0-65.0	4.13	2611.42	0.15	96.45
18.0-19.0	104.60	1518.30	3.86	56.08	65.0-66.0	3.98	2615.40	0.15	96.60
19.0-20.0	99.99	1618.29	3.69	59.77	66.0-67.0	3.83	2619.23	0.14	96.74
20.0-21.0	94.28	1712.57	3.48	63.25	67.0-68.0	3.67	2622.90	0.14	96.87
21.0-22.0	87.89	1800.46	3.25	66.50	68.0-69.0	3.52	2626.42	0.13	97.00
22.0-23.0	81.11	1881.57	3.00	69.49	69.0-70.0	3.37	2629.79	0.12	97.13
23.0-24.0	73.95	1955.53	2.73	72.22	70.0-71.0	3.22	2633.01	0.12	97.25
24.0-25.0	66.87	2022.40	2.47	74.69	71.0-72.0	3.07	2636.07	0.11	97.36
25.0-26.0	60.28	2082.68	2.23	76.92	72.0-73.0	2.92	2638.99	0.11	97.47
26.0-27.0	54.11	2136.79	2.00	78.92	73.0-74.0	2.77	2641.76	0.10	97.57
27.0-28.0	48.24	2185.02	1.78	80.70	74.0-75.0	2.62	2644.38	0.10	97.67
28.0-29.0	42.89	2227.91	1.58	82.28	75.0-76.0	2.47	2646.86	0.09	97.76
29.0-30.0	38.18	2266.09	1.41	83.70	76.0-77.0	2.33	2649.18	0.09	97.84
30.0-31.0	33.91	2300.01	1.25	84.95	77.0-78.0	2.18	2651.36	0.08	97.92
31.0-32.0	30.07	2330.07	1.11	86.06	78.0-79.0	2.04	2653.40	0.08	98.00
32.0-33.0	26.55	2356.63	0.98	87.04	79.0-80.0	1.90	2655.30	0.07	98.07
33.0-34.0	23.19	2379.81	0.86	87.90	80.0-81.0	1.76	2657.06	0.06	98.13
34.0-35.0	20.16	2399.98	0.74	88.64	81.0-82.0	1.62	2658.68	0.06	98.19
35.0-36.0	17.49	2417.47	0.65	89.29	82.0-83.0	1.49	2660.17	0.06	98.25
36.0-37.0	15.13	2432.60	0.56	89.84	83.0-84.0	1.36	2661.53	0.05	98.30
37.0-38.0	13.10	2445.70	0.48	90.33	84.0-85.0	1.23	2662.76	0.05	98.35
38.0-39.0	11.38	2457.08	0.42	90.75	85.0-86.0	1.10	2663.87	0.04	98.39
39.0-40.0	10.00	2467.09	0.37	91.12	86.0-87.0	0.98	2664.84	0.04	98.42
40.0-41.0	8.95	2476.04	0.33	91.45	87.0-88.0	0.86	2665.70	0.03	98.45
41.0-42.0	8.18	2484.22	0.30	91.75	88.0-89.0	0.74	2666.44	0.03	98.48
42.0-43.0	7.64	2491.86	0.28	92.03	89.0-90.0	0.66	2667.10	0.02	98.51
43.0-44.0	7.23	2499.09	0.27	92.30	90.0-91.0	0.61	2667.71	0.02	98.53
44.0-45.0	6.92	2506.01	0.26	92.56	91.0-92.0	0.58	2668.28	0.02	98.55
45.0-46.0	6.66	2512.66	0.25	92.80	92.0-93.0	0.55	2668.84	0.02	98.57
46.0-47.0	6.41	2519.08	0.24	93.04	93.0-94.0	0.53	2669.37	0.02	98.59

IES Indoor Report

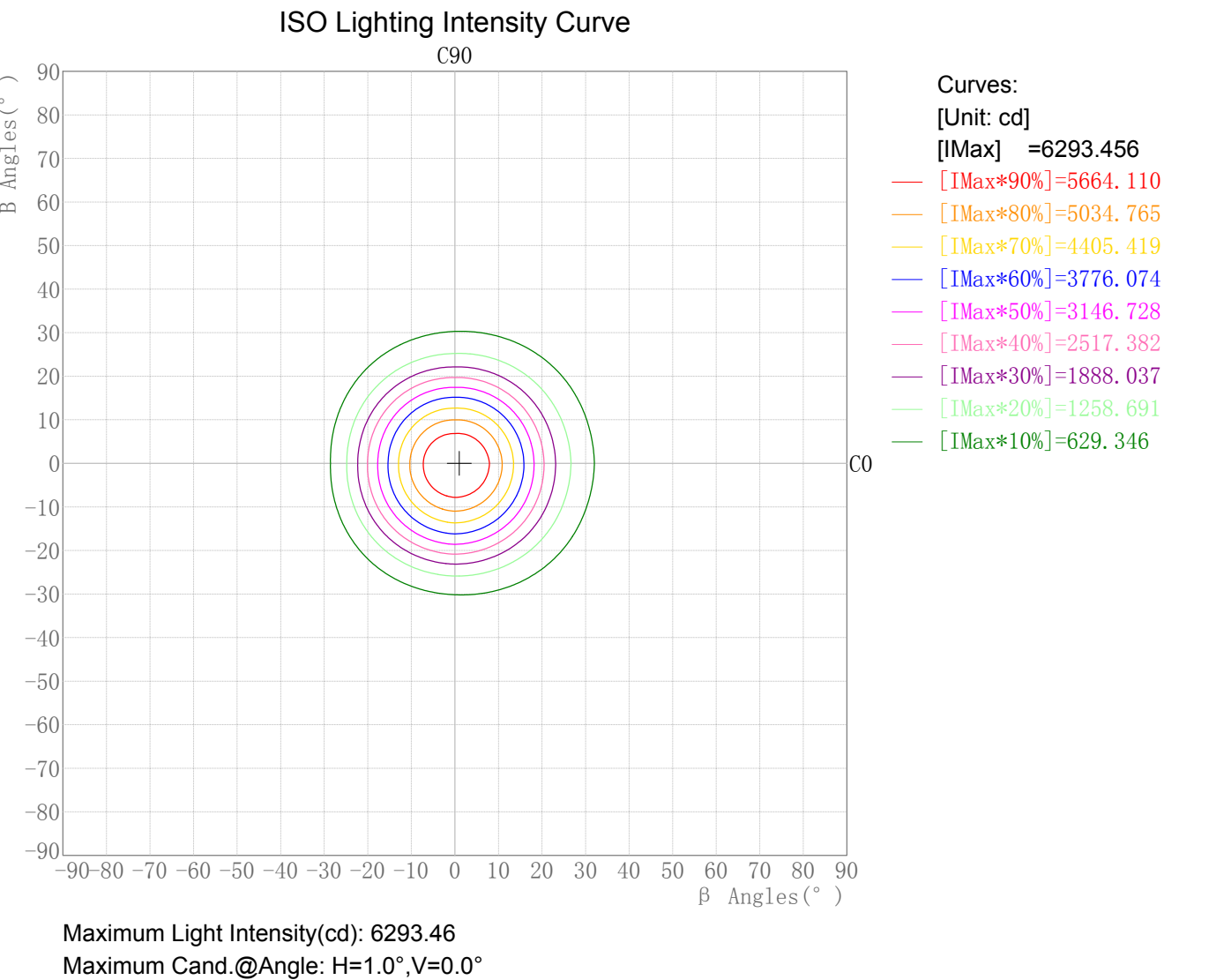
Photometric Filename:TR05-35-XX-01 2700K RA90 36D.IES

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	0.51	2669.88	0.02	98.61	141.0-142.0	0.66	2687.97	0.02	99.28
95.0-96.0	0.49	2670.37	0.02	98.63	142.0-143.0	0.68	2688.65	0.03	99.30
96.0-97.0	0.47	2670.84	0.02	98.64	143.0-144.0	0.70	2689.35	0.03	99.33
97.0-98.0	0.45	2671.29	0.02	98.66	144.0-145.0	0.71	2690.06	0.03	99.35
98.0-99.0	0.43	2671.72	0.02	98.68	145.0-146.0	0.72	2690.78	0.03	99.38
99.0-100.0	0.42	2672.14	0.02	98.69	146.0-147.0	0.74	2691.52	0.03	99.41
100.0-101.0	0.40	2672.55	0.01	98.71	147.0-148.0	0.74	2692.27	0.03	99.44
101.0-102.0	0.39	2672.93	0.01	98.72	148.0-149.0	0.75	2693.02	0.03	99.46
102.0-103.0	0.38	2673.31	0.01	98.73	149.0-150.0	0.75	2693.77	0.03	99.49
103.0-104.0	0.36	2673.67	0.01	98.75	150.0-151.0	0.75	2694.52	0.03	99.52
104.0-105.0	0.35	2674.01	0.01	98.76	151.0-152.0	0.75	2695.28	0.03	99.55
105.0-106.0	0.34	2674.35	0.01	98.77	152.0-153.0	0.75	2696.03	0.03	99.57
106.0-107.0	0.32	2674.67	0.01	98.79	153.0-154.0	0.74	2696.77	0.03	99.60
107.0-108.0	0.31	2674.98	0.01	98.80	154.0-155.0	0.73	2697.50	0.03	99.63
108.0-109.0	0.30	2675.29	0.01	98.81	155.0-156.0	0.72	2698.22	0.03	99.66
109.0-110.0	0.29	2675.58	0.01	98.82	156.0-157.0	0.70	2698.93	0.03	99.68
110.0-111.0	0.29	2675.87	0.01	98.83	157.0-158.0	0.69	2699.61	0.03	99.71
111.0-112.0	0.28	2676.15	0.01	98.84	158.0-159.0	0.67	2700.28	0.02	99.73
112.0-113.0	0.27	2676.42	0.01	98.85	159.0-160.0	0.65	2700.93	0.02	99.76
113.0-114.0	0.27	2676.69	0.01	98.86	160.0-161.0	0.62	2701.55	0.02	99.78
114.0-115.0	0.26	2676.95	0.01	98.87	161.0-162.0	0.60	2702.15	0.02	99.80
115.0-116.0	0.26	2677.21	0.01	98.88	162.0-163.0	0.57	2702.72	0.02	99.82
116.0-117.0	0.26	2677.47	0.01	98.89	163.0-164.0	0.54	2703.26	0.02	99.84
117.0-118.0	0.26	2677.73	0.01	98.90	164.0-165.0	0.51	2703.77	0.02	99.86
118.0-119.0	0.26	2678.00	0.01	98.91	165.0-166.0	0.48	2704.25	0.02	99.88
119.0-120.0	0.27	2678.26	0.01	98.92	166.0-167.0	0.45	2704.70	0.02	99.89
120.0-121.0	0.27	2678.53	0.01	98.93	167.0-168.0	0.42	2705.12	0.02	99.91
121.0-122.0	0.28	2678.81	0.01	98.94	168.0-169.0	0.39	2705.50	0.01	99.92
122.0-123.0	0.29	2679.10	0.01	98.95	169.0-170.0	0.35	2705.86	0.01	99.94
123.0-124.0	0.30	2679.41	0.01	98.96	170.0-171.0	0.32	2706.18	0.01	99.95
124.0-125.0	0.31	2679.72	0.01	98.97	171.0-172.0	0.29	2706.46	0.01	99.96
125.0-126.0	0.32	2680.04	0.01	98.98	172.0-173.0	0.25	2706.72	0.01	99.97
126.0-127.0	0.34	2680.38	0.01	99.00	173.0-174.0	0.22	2706.94	0.01	99.98
127.0-128.0	0.36	2680.74	0.01	99.01	174.0-175.0	0.19	2707.13	0.01	99.98
128.0-129.0	0.37	2681.11	0.01	99.02	175.0-176.0	0.15	2707.28	0.01	99.99
129.0-130.0	0.39	2681.50	0.01	99.04	176.0-177.0	0.12	2707.40	0.00	99.99
130.0-131.0	0.41	2681.92	0.02	99.05	177.0-178.0	0.09	2707.49	0.00	100.00
131.0-132.0	0.44	2682.35	0.02	99.07	178.0-179.0	0.05	2707.54	0.00	100.00
132.0-133.0	0.46	2682.81	0.02	99.09	179.0-180.0	0.02	2707.56	0.00	100.00
133.0-134.0	0.48	2683.29	0.02	99.10					
134.0-135.0	0.50	2683.80	0.02	99.12					
135.0-136.0	0.53	2684.32	0.02	99.14					
136.0-137.0	0.55	2684.87	0.02	99.16					
137.0-138.0	0.57	2685.45	0.02	99.18					
138.0-139.0	0.60	2686.05	0.02	99.21					
139.0-140.0	0.62	2686.67	0.02	99.23					
140.0-141.0	0.64	2687.31	0.02	99.25					

Rectangle ISO Lighting Intensity Diagram

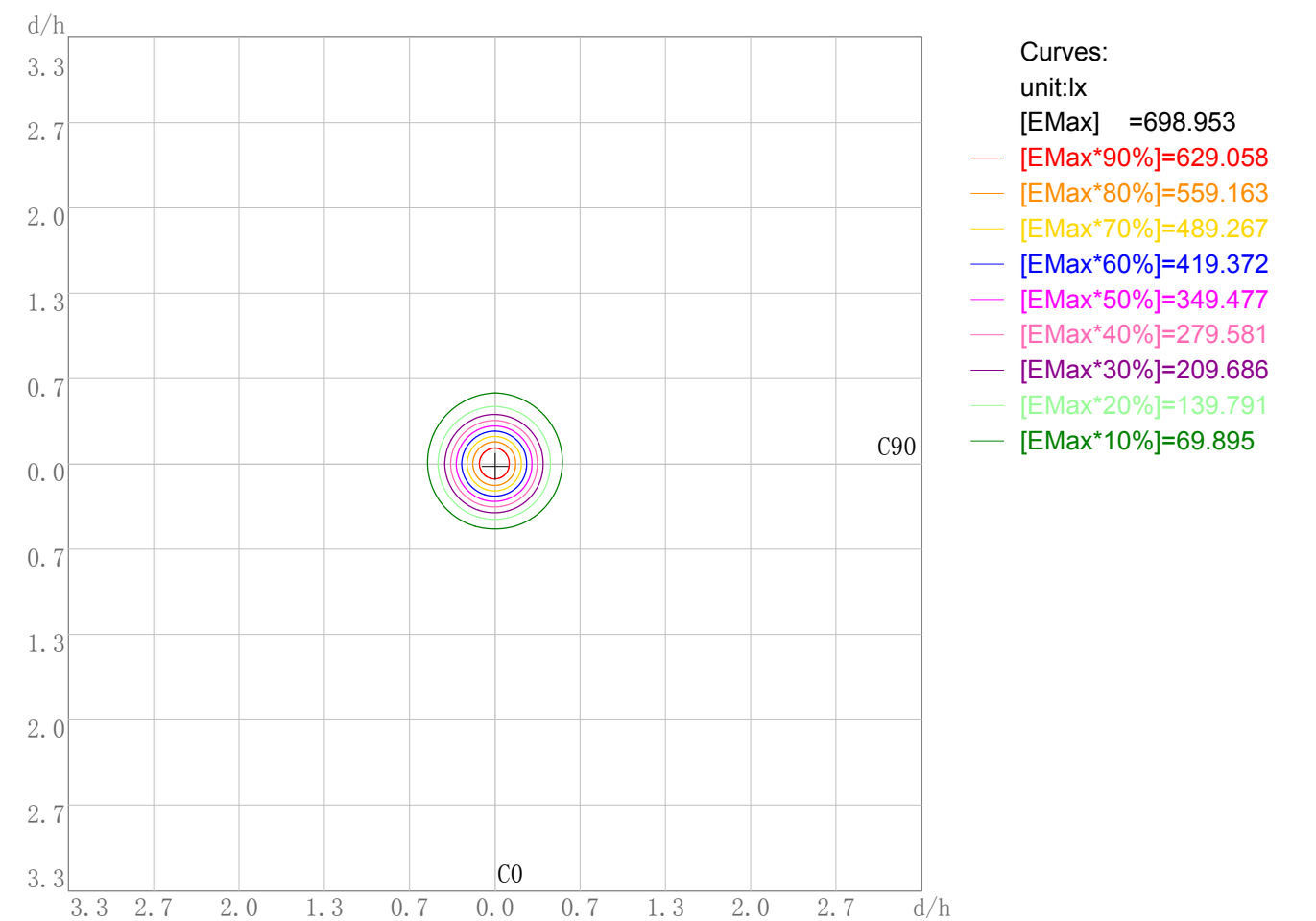
Lum. Name:TR05-35-XX-01 2700K RA90 36D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality peatment
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/11/22



Plane ISO-Illuminance Diagram

Lum. Name:TR05-35-XX-01 2700K RA90 36D	Lum. Catalog:	Test ID:01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/22

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 698.95
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

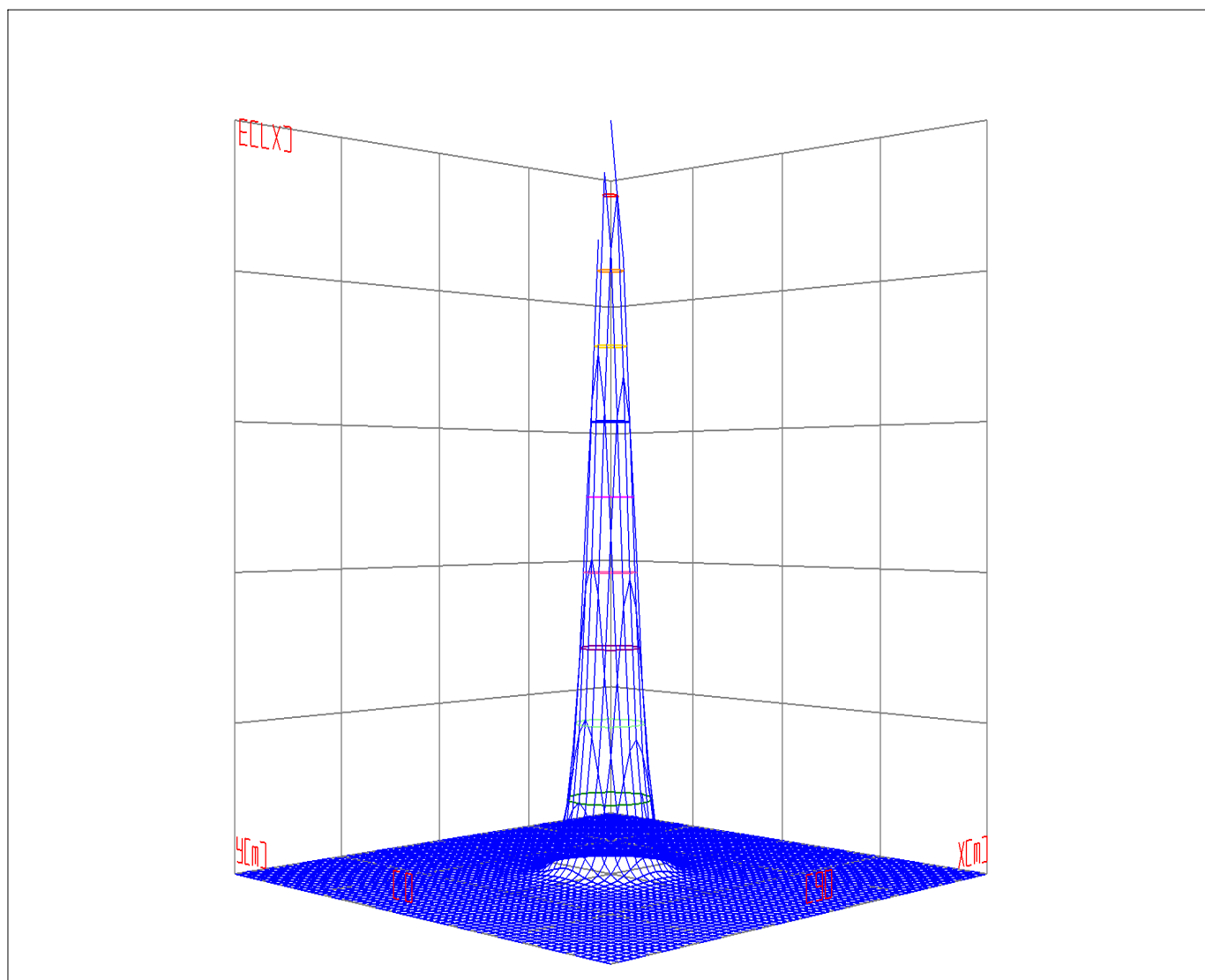
IES Indoor Report

Photometric Filename:TR05-35-XX-01 2700K RA90 36D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: TR05-35-XX-01 2700K RA90 36D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/22

3D Plane Illuminance Modal

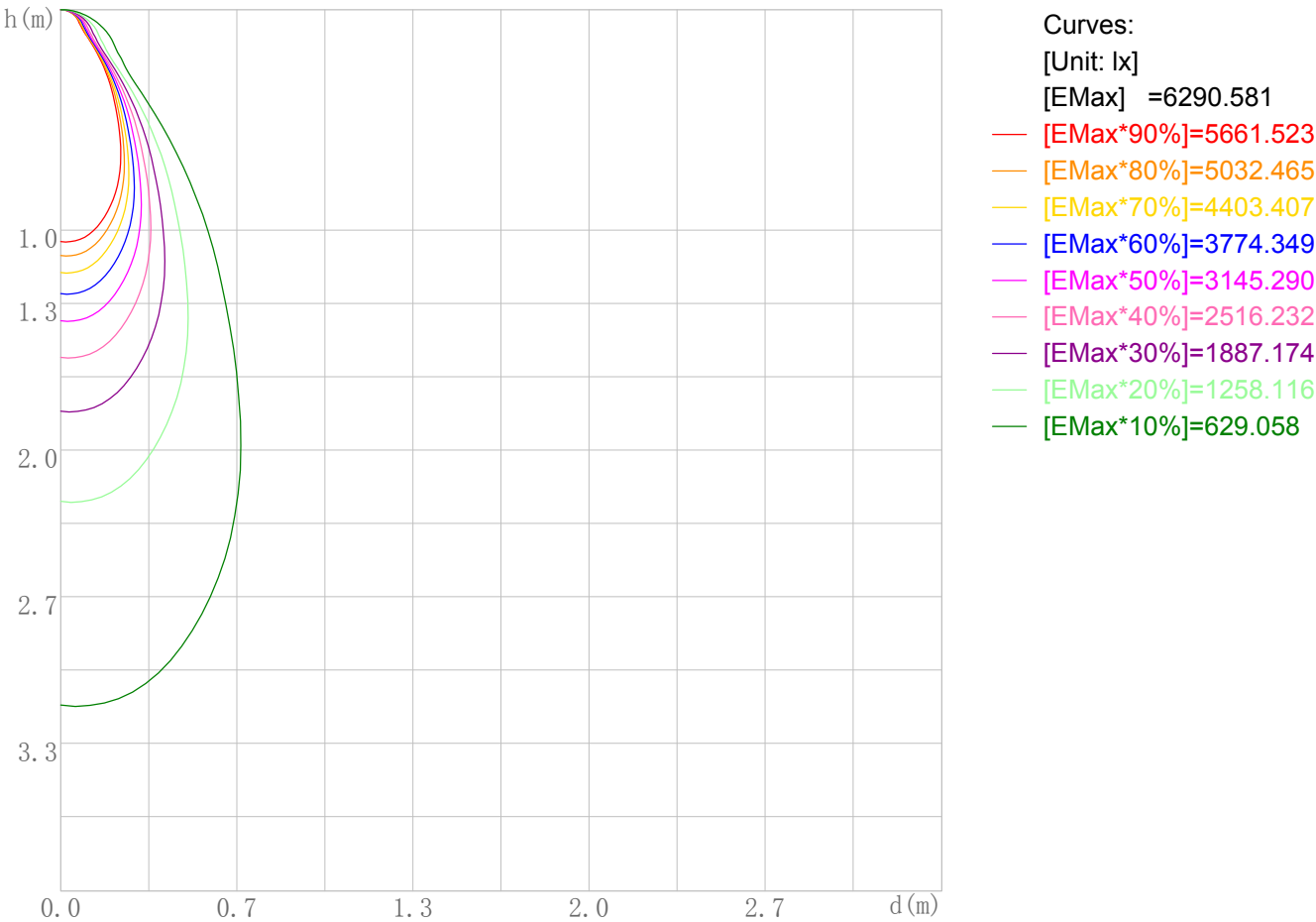


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name:TR05-35-XX-01 2700K RA90 36D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:QQualty peatment
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/11/22

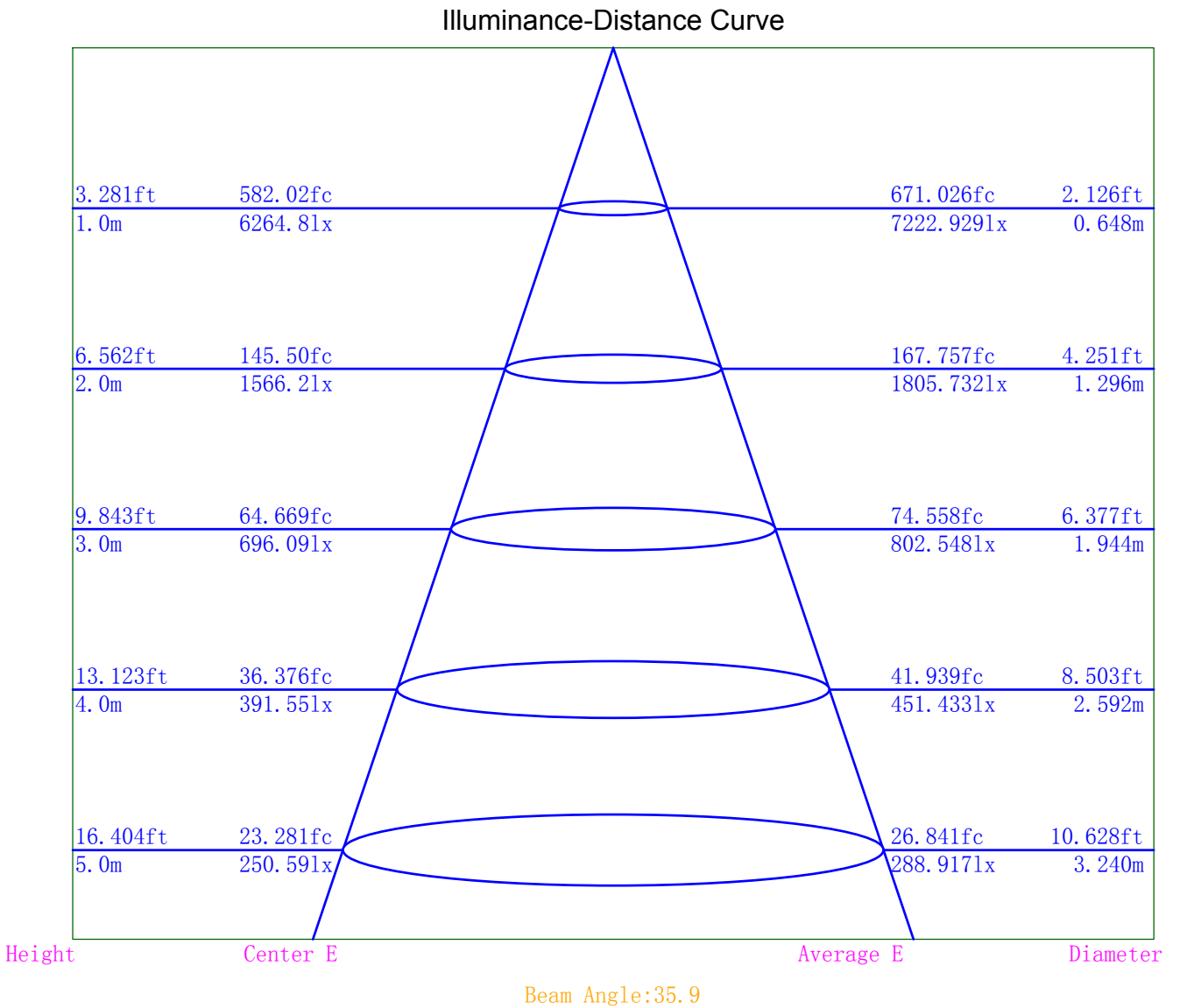
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:6290.58lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:6293.456cd,0deg

Illuminance-Distance Diagram

Lum. Name:TR05-35-XX-01 2700K RA90 36D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:QQualty peatment
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/11/22



Indoor Luminance Limiting Curves

Lum. Name: TR05-35-XX-01 2700K RA90 36D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/22

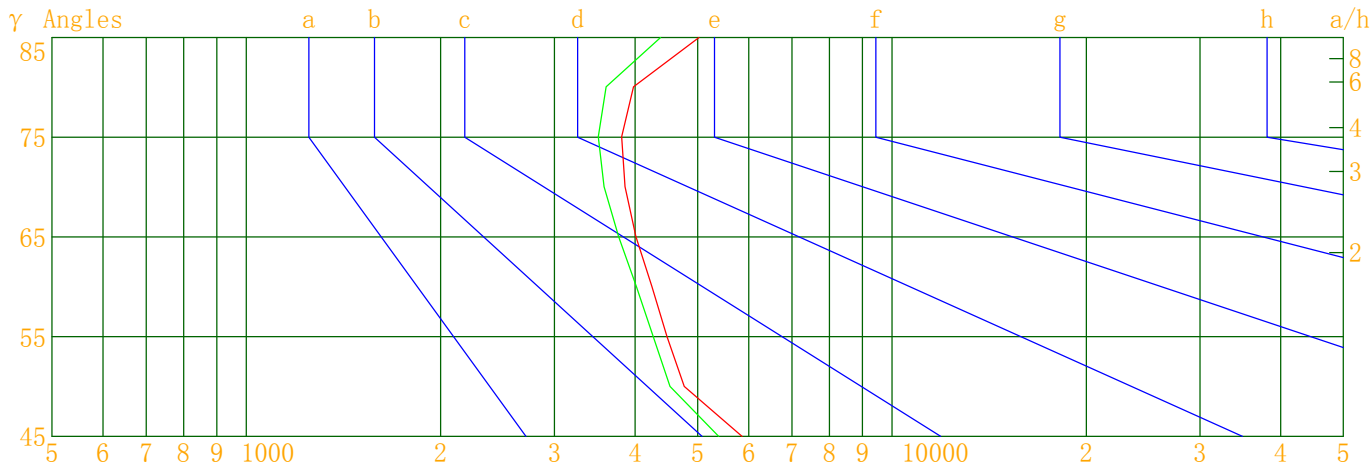
Glare Grade Table

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	5859	4768	4483	4249	4013	3859	3814	3978	5023
C90	5389	4531	4267	4020	3772	3582	3509	3609	4381

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: —

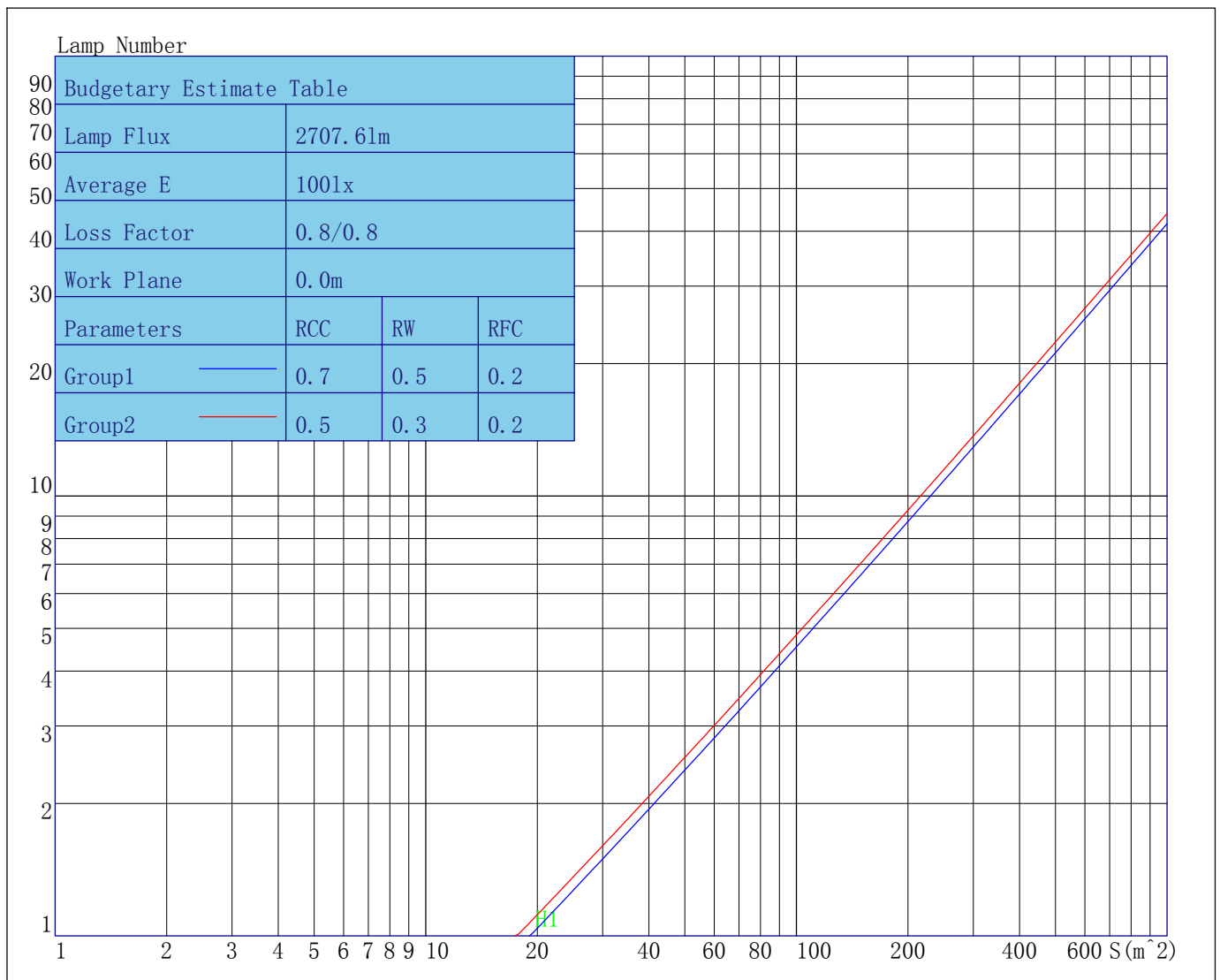
C90-C270 Color: —

IES Indoor Report

Photometric Filename:TR05-35-XX-01 2700K RA90 36D.IES

Indoor Budgetary Estimate Table

Lum. Name: TR05-35-XX-01 2700K RA90 36D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/22



Parameters1: Rhocc = 0.7 Rhow = 0.5 Rhofc = 0.2 LLF = 0.8
Parameters2: Rhocc = 0.5 Rhow = 0.3 Rhofc = 0.2 LLF = 0.8
Average Illuminance(lx): 100 Cavity Height: H1(m) = 2

Indoor Coefficient of Utilization Table

Lum. Name:TR05-35-XX-01 2700K RA90 36D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality peatment
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/11/22

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	110	110	110	105	105	105	101	101	101	99
1	113	111	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93
2	108	104	100	97	106	102	99	96	99	96	93	95	93	91	92	91	89	87
3	104	98	93	90	102	96	92	89	94	90	87	91	88	86	89	86	84	83
4	99	93	88	84	98	91	87	83	89	85	82	87	84	81	85	82	80	79
5	95	88	83	79	94	87	82	79	85	81	78	83	80	77	82	79	76	75
6	92	84	79	75	90	83	78	74	81	77	74	80	76	73	78	75	73	71
7	88	80	75	71	87	79	74	71	78	74	70	77	73	70	76	72	69	68
8	85	77	71	68	84	76	71	68	75	70	67	74	70	67	73	69	67	65
9	82	73	68	65	81	73	68	65	72	67	64	71	67	64	70	66	64	63
10	79	70	66	62	78	70	65	62	69	65	62	68	64	62	68	64	61	60

Unified Glare Rating Table

Lum. Name:TR05-35-XX-01 2700K RA90 36D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/22

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	13.3	14.3	13.7	14.7	15.0	12.5	13.5	12.9	13.8	14.2
	14.1	15.0	14.5	15.3	15.7	13.4	14.2	13.8	14.6	15.0
	14.5	15.3	14.9	15.7	16.1	13.8	14.6	14.2	15.0	15.4
	14.9	15.6	15.3	16.0	16.5	14.2	14.9	14.6	15.3	15.8
	15.0	15.8	15.5	16.2	16.6	14.4	15.1	14.8	15.5	15.9
	15.2	15.9	15.7	16.3	16.8	14.5	15.2	15.0	15.6	16.1
X=4H Y=2H	13.5	14.3	13.9	14.7	15.2	12.8	13.6	13.2	14.0	14.4
	14.5	15.2	15.0	15.6	16.1	13.9	14.6	14.3	15.0	15.5
	15.0	15.7	15.5	16.1	16.6	14.5	15.1	14.9	15.5	16.0
	15.6	16.1	16.1	16.6	17.1	15.0	15.5	15.5	16.0	16.5
	15.9	16.3	16.4	16.8	17.3	15.3	15.8	15.8	16.2	16.7
	16.1	16.5	16.6	17.1	17.6	15.5	15.9	16.0	16.4	17.0
X=8H Y=4H	15.2	15.7	15.7	16.2	16.7	14.7	15.2	15.2	15.7	16.2
	15.9	16.3	16.5	16.9	17.4	15.4	15.8	15.9	16.3	16.9
	16.3	16.7	16.9	17.2	17.7	15.8	16.1	16.3	16.7	17.2
	16.7	17.0	17.3	17.6	18.2	16.1	16.4	16.7	17.0	17.6
X=12H Y=4H	15.2	15.7	15.7	16.2	16.7	14.7	15.1	15.2	15.6	16.2
	16.0	16.4	16.6	16.9	17.4	15.5	15.8	16.0	16.3	16.9
	16.4	16.8	17.0	17.3	17.9	15.9	16.2	16.4	16.7	17.4
Variations with the objerver position at spacings										
S=1.0H	0.3/-0.3					0.3/-0.4				
S=1.5H	0.5/-0.6					0.6/-0.6				
S=2.0H	0.7/-0.7					0.7/-0.8				
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.

IES Indoor Report

Photometric Filename:TR05-35-XX-01 2700K RA90 36D.IES

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	6264.83	6264.83	6264.83	6264.83
γ 1.0	6293.46	6223.74	6252.69	6217.87
γ 2.0	6283.49	6195.95	6214.39	6191.23
γ 3.0	6253.46	6140.64	6158.27	6149.86
γ 4.0	6195.25	6056.20	6080.72	6096.83
γ 5.0	6104.55	5944.32	5978.92	6018.60
γ 6.0	5980.52	5804.29	5855.82	5919.36
γ 7.0	5829.62	5635.88	5710.31	5792.72
γ 8.0	5650.82	5446.06	5536.44	5633.42
γ 9.0	5450.12	5241.34	5337.66	5454.06
γ 10.0	5234.02	5029.83	5116.88	5248.48
γ 11.0	5005.43	4804.24	4880.06	5031.33
γ 12.0	4769.73	4569.60	4638.91	4801.67
γ 13.0	4522.69	4327.93	4390.02	4568.42
γ 14.0	4271.60	4078.53	4131.81	4326.39
γ 15.0	4012.44	3819.32	3868.36	4077.72
γ 16.0	3734.58	3554.33	3602.29	3824.61
γ 17.0	3467.62	3269.76	3337.42	3567.17
γ 18.0	3197.22	2993.42	3073.07	3304.43
γ 19.0	2914.45	2719.32	2807.14	3038.90
γ 20.0	2643.94	2435.22	2536.60	2757.18
γ 21.0	2374.80	2169.75	2245.24	2476.36
γ 22.0	2136.22	1916.90	1973.89	2201.66
γ 23.0	1916.46	1696.47	1697.84	1923.32
γ 24.0	1705.04	1487.27	1437.92	1665.59
γ 25.0	1516.83	1295.66	1218.67	1436.34
γ 26.0	1352.78	1132.22	1029.48	1233.40
γ 27.0	1210.44	991.98	848.14	1047.75
γ 28.0	1074.24	867.26	699.44	881.89
γ 29.0	951.63	758.27	574.20	750.39
γ 30.0	837.48	656.91	483.93	643.65
γ 31.0	723.17	561.12	413.72	554.62
γ 32.0	631.95	480.02	357.06	476.33
γ 33.0	544.27	407.98	305.39	402.26
γ 34.0	461.57	343.73	258.77	340.86
γ 35.0	393.36	290.20	220.41	288.26
γ 36.0	331.11	244.60	187.30	242.43
γ 37.0	275.77	206.66	161.18	206.16
γ 38.0	228.77	175.21	140.21	175.51
γ 39.0	190.46	150.10	123.60	150.33
γ 40.0	160.01	131.38	110.72	130.84
γ 41.0	138.15	117.80	100.92	115.56
γ 42.0	123.16	108.04	93.34	104.11
γ 43.0	112.17	100.59	87.52	95.59
γ 44.0	104.04	94.76	82.65	89.06
γ 45.0	97.45	89.63	78.69	83.81
γ 46.0	91.40	84.79	75.45	79.58

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	85.25	79.97	72.59	76.03
γ 48.0	79.22	75.14	70.06	72.83
γ 49.0	75.11	71.13	67.64	69.86
γ 50.0	72.09	68.50	65.35	66.96
γ 51.0	69.36	65.96	63.12	63.99
γ 52.0	66.82	63.52	61.60	62.15
γ 53.0	64.67	61.40	60.19	60.58
γ 54.0	62.42	59.39	58.94	59.21
γ 55.0	60.48	57.56	57.75	57.97
γ 56.0	58.48	55.60	56.62	56.79
γ 57.0	56.45	53.43	55.36	55.55
γ 58.0	54.21	51.35	54.05	54.17
γ 59.0	52.10	49.32	52.49	52.69
γ 60.0	49.97	47.27	50.95	51.35
γ 61.0	47.81	45.25	49.44	49.81
γ 62.0	45.69	43.30	47.96	48.25
γ 63.0	43.74	41.31	46.20	46.59
γ 64.0	41.76	39.39	44.46	44.75
γ 65.0	39.89	37.50	42.69	43.05
γ 66.0	38.00	35.66	40.86	41.23
γ 67.0	36.23	33.95	39.04	39.35
γ 68.0	34.42	32.23	37.21	37.60
γ 69.0	32.77	30.52	35.41	35.89
γ 70.0	31.04	28.81	33.76	34.17
γ 71.0	29.38	27.24	32.09	32.54
γ 72.0	27.71	25.75	30.37	30.88
γ 73.0	26.19	24.31	28.75	29.24
γ 74.0	24.70	22.74	27.13	27.63
γ 75.0	23.22	21.36	25.54	26.14
γ 76.0	21.70	19.92	23.95	24.57
γ 77.0	20.30	18.50	22.45	23.07
γ 78.0	18.97	17.20	21.02	21.49
γ 79.0	17.61	16.00	19.47	20.10
γ 80.0	16.25	14.74	18.00	18.69
γ 81.0	15.03	13.42	16.58	17.33
γ 82.0	13.87	12.29	15.21	15.97
γ 83.0	12.65	11.23	13.90	14.66
γ 84.0	11.51	10.01	12.55	13.39
γ 85.0	10.30	8.98	11.28	12.10
γ 86.0	9.22	7.90	10.00	10.84
γ 87.0	8.22	6.86	8.65	9.68
γ 88.0	7.16	5.99	7.36	8.56
γ 89.0	6.44	5.28	6.09	7.37
γ 90.0	6.09	5.10	5.17	6.45
γ 91.0	5.93	4.91	4.85	5.80
γ 92.0	5.64	4.71	4.56	5.71
γ 93.0	5.43	4.59	4.42	5.38

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	5.27	4.41	4.21	5.17
γ 95.0	5.09	4.20	4.03	4.95
γ 96.0	4.86	4.08	3.89	4.77
γ 97.0	4.70	3.87	3.80	4.55
γ 98.0	4.43	3.79	3.63	4.40
γ 99.0	4.35	3.63	3.52	4.26
γ 100.0	4.21	3.52	3.43	4.13
γ 101.0	4.02	3.41	3.21	3.96
γ 102.0	3.88	3.32	3.17	3.91
γ 103.0	3.81	3.16	3.05	3.74
γ 104.0	3.67	3.03	2.94	3.54
γ 105.0	3.52	2.93	2.94	3.51
γ 106.0	3.37	2.84	2.81	3.45
γ 107.0	3.25	2.72	2.77	3.39
γ 108.0	3.13	2.67	2.70	3.20
γ 109.0	3.04	2.53	2.76	3.17
γ 110.0	3.01	2.45	2.75	3.09
γ 111.0	2.86	2.43	2.68	3.10
γ 112.0	2.74	2.42	2.71	2.99
γ 113.0	2.63	2.36	2.62	3.07
γ 114.0	2.60	2.28	2.71	2.96
γ 115.0	2.55	2.27	2.73	2.95
γ 116.0	2.53	2.28	2.81	2.94
γ 117.0	2.45	2.28	2.82	3.06
γ 118.0	2.52	2.30	2.99	3.06
γ 119.0	2.50	2.40	3.05	3.13
γ 120.0	2.39	2.45	3.14	3.25
γ 121.0	2.64	2.45	3.33	3.35
γ 122.0	2.66	2.71	3.49	3.41
γ 123.0	2.75	2.84	3.67	3.62
γ 124.0	2.87	2.89	3.89	3.74
γ 125.0	3.01	3.09	4.09	3.97
γ 126.0	3.14	3.28	4.32	4.17
γ 127.0	3.35	3.56	4.63	4.41
γ 128.0	3.47	3.79	4.82	4.63
γ 129.0	3.81	4.11	5.21	4.93
γ 130.0	4.09	4.31	5.55	5.19
γ 131.0	4.39	4.75	5.89	5.53
γ 132.0	4.71	5.04	6.25	5.88
γ 133.0	5.16	5.51	6.65	6.20
γ 134.0	5.47	5.87	6.99	6.55
γ 135.0	5.81	6.31	7.53	7.04
γ 136.0	6.24	6.64	7.91	7.42
γ 137.0	6.74	7.14	8.41	7.83
γ 138.0	7.07	7.66	8.90	8.29
γ 139.0	7.51	8.07	9.38	8.76
γ 140.0	8.11	8.57	9.87	9.33

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	8.57	9.07	10.43	9.67
γ 142.0	9.11	9.58	10.93	10.21
γ 143.0	9.56	10.02	11.44	10.70
γ 144.0	10.06	10.57	11.97	11.22
γ 145.0	10.57	10.96	12.41	11.68
γ 146.0	11.14	11.52	12.82	12.24
γ 147.0	11.61	12.00	13.39	12.63
γ 148.0	12.12	12.45	13.81	13.12
γ 149.0	12.58	12.91	14.32	13.50
γ 150.0	13.04	13.29	14.75	13.95
γ 151.0	13.50	13.79	15.16	14.35
γ 152.0	13.96	14.20	15.50	14.80
γ 153.0	14.34	14.52	15.96	15.17
γ 154.0	14.77	14.90	16.27	15.55
γ 155.0	15.06	15.16	16.57	15.79
γ 156.0	15.43	15.52	16.88	16.04
γ 157.0	15.77	15.76	17.12	16.35
γ 158.0	16.03	16.02	17.39	16.62
γ 159.0	16.30	16.30	17.52	16.73
γ 160.0	16.51	16.51	17.72	16.94
γ 161.0	16.69	16.67	17.85	17.09
γ 162.0	16.81	16.87	18.02	17.28
γ 163.0	17.01	16.97	18.15	17.30
γ 164.0	17.09	16.97	18.13	17.51
γ 165.0	17.19	17.08	18.24	17.45
γ 166.0	17.26	17.20	18.24	17.50
γ 167.0	17.40	17.24	18.19	17.50
γ 168.0	17.35	17.25	18.21	17.55
γ 169.0	17.47	17.32	18.21	17.56
γ 170.0	17.56	17.36	18.26	17.51
γ 171.0	17.63	17.49	18.23	17.52
γ 172.0	17.72	17.49	18.28	17.58
γ 173.0	17.76	17.68	18.23	17.59
γ 174.0	17.82	17.75	18.24	17.56
γ 175.0	17.97	17.74	18.23	17.65
γ 176.0	18.00	17.86	18.31	17.77
γ 177.0	18.12	17.88	18.37	17.76
γ 178.0	18.15	17.97	18.36	17.78
γ 179.0	18.14	18.01	18.33	17.85
γ 180.0	18.17	18.17	18.17	18.17