

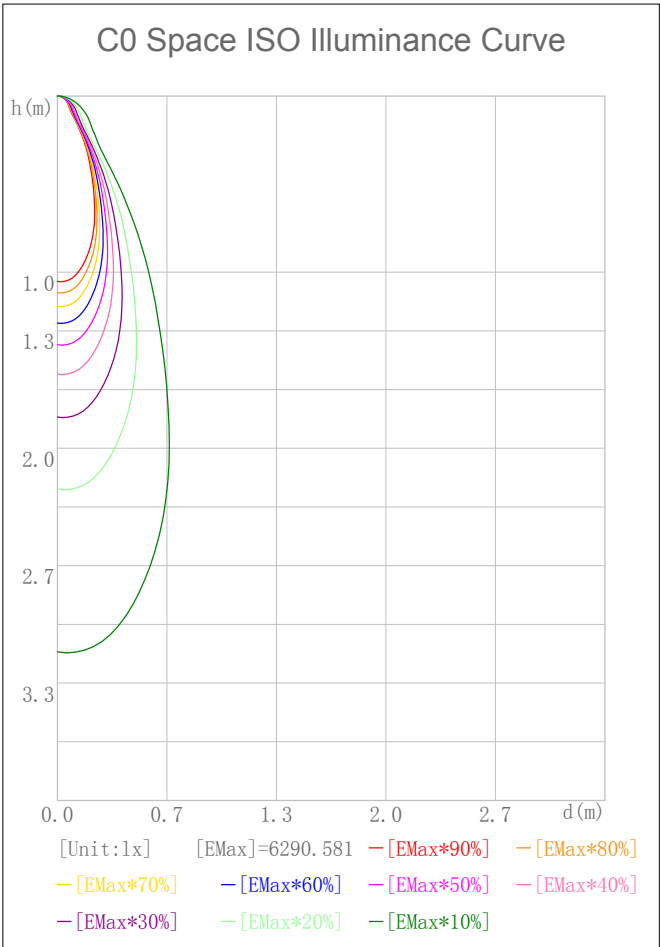
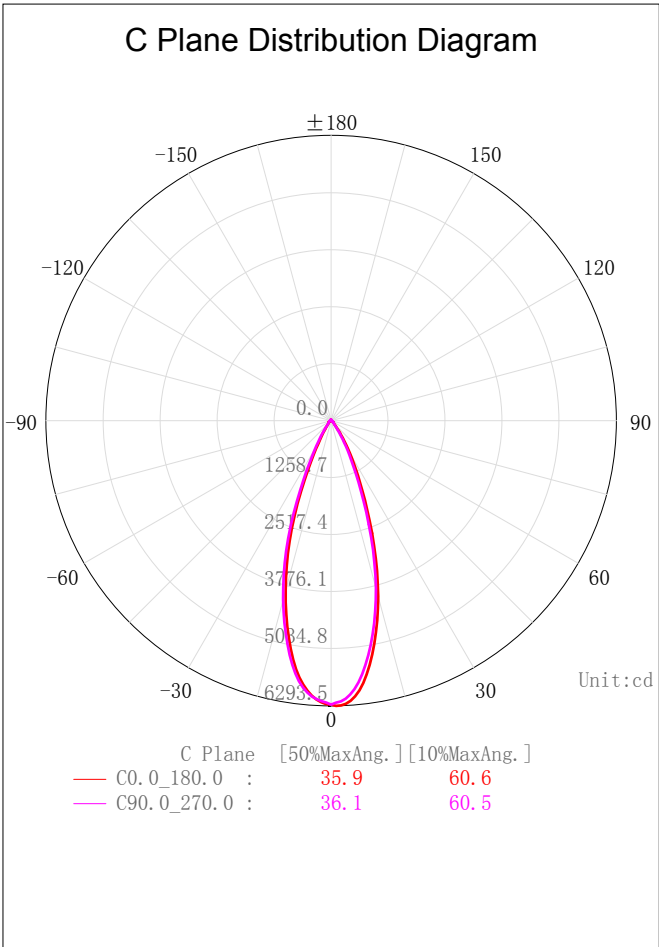
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR04-35-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



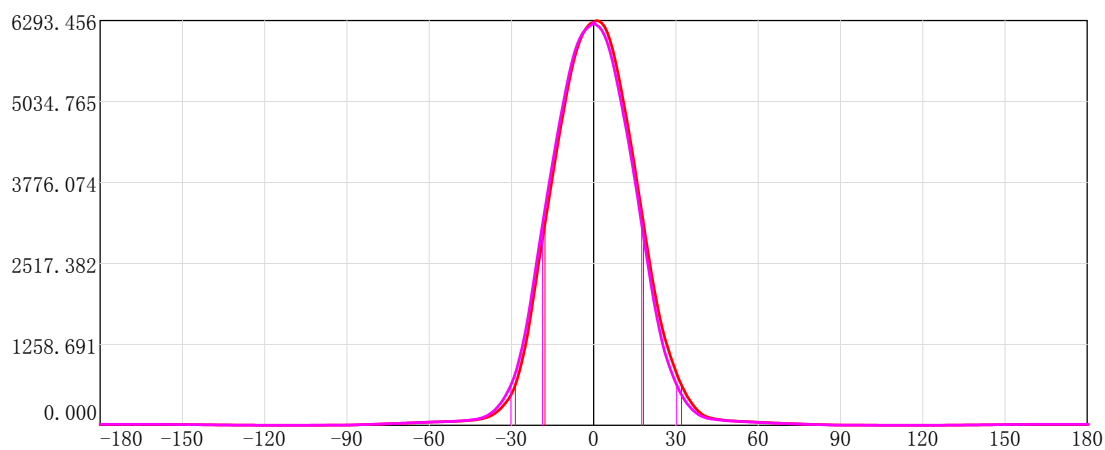
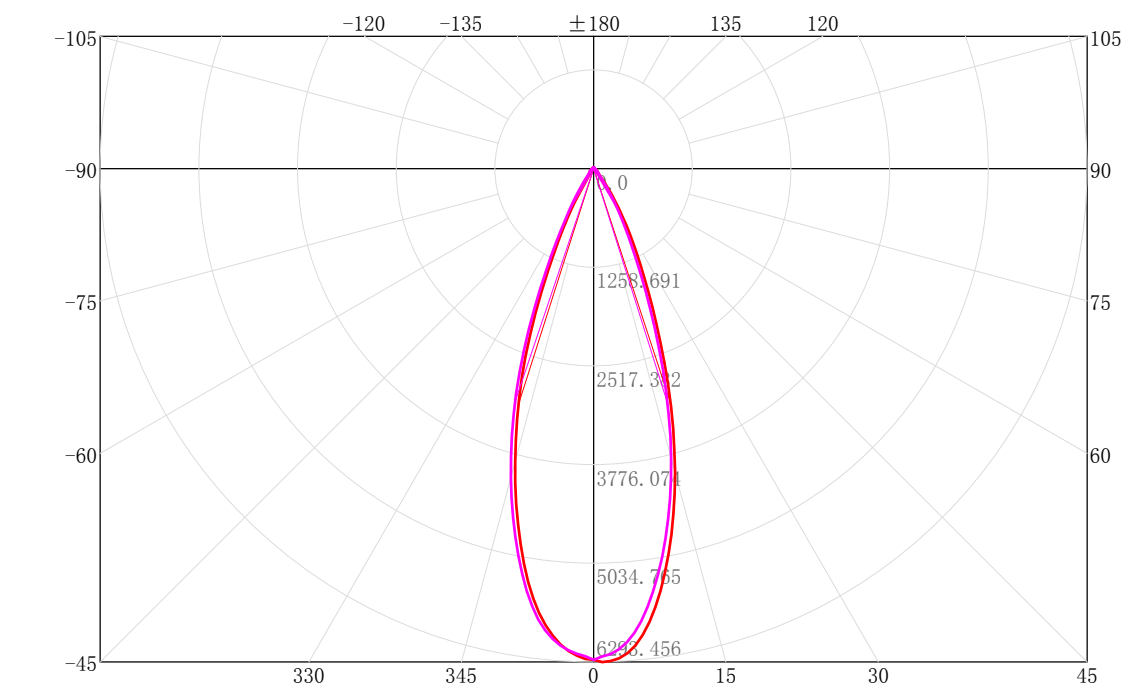
# IES Indoor Report

Photometric Filename:TR04-35-XX-01 2700K RA90 36D.IES

## 2D Plane Light Intensity Distribution Curve

Lum. Name: TR04-35-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

C Plane Distribution Diagram



C Plane [50%MaxAng.] [10%MaxAng.]  
— C0.0\_180.0 : 35.9 60.6  
— C90.0\_270.0 : 36.1 60.5

Unit:cd

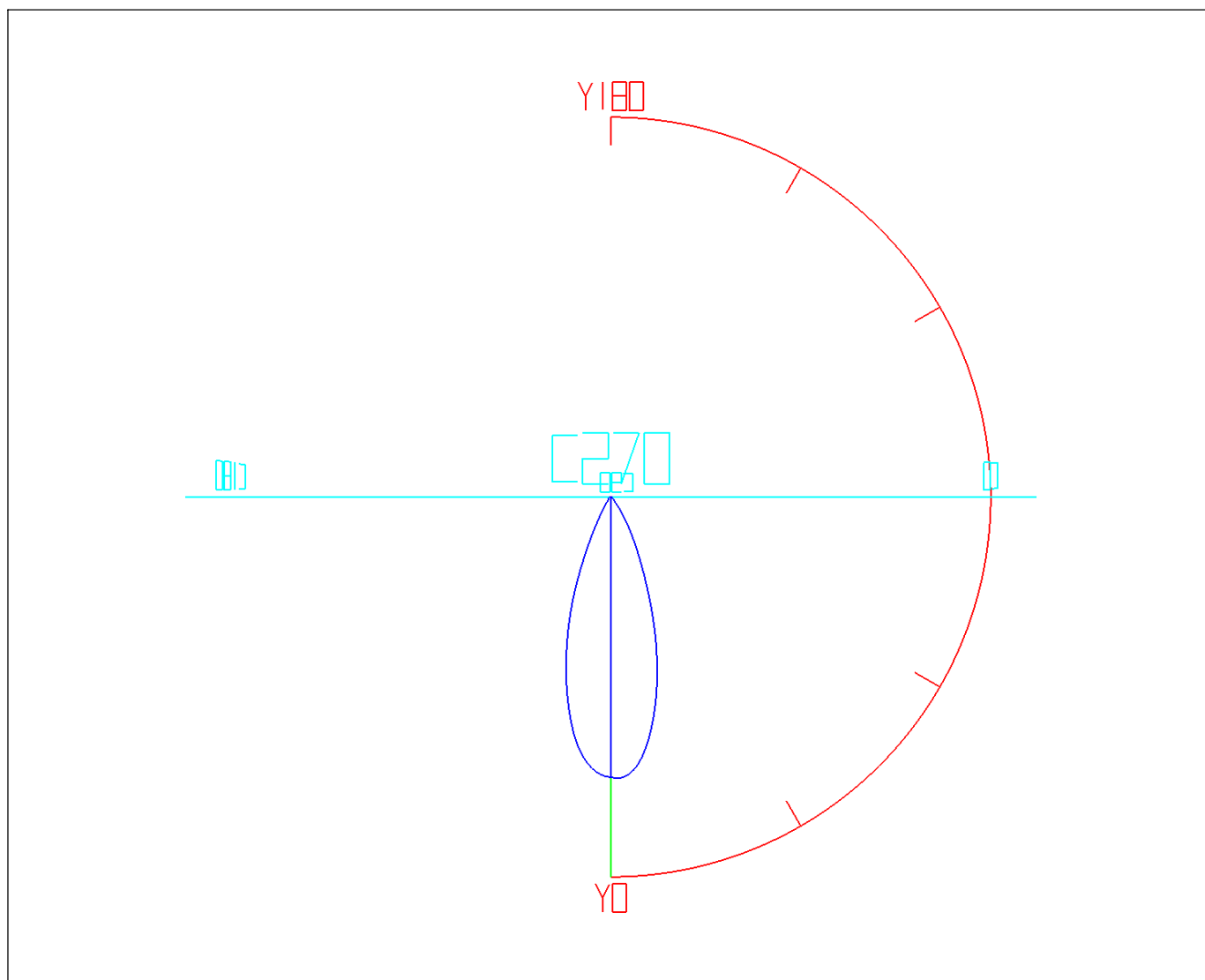
# IES Indoor Report

Photometric Filename:TR04-35-XX-01 2700K RA90 36D.IES

## 3D Light Intensity Distribution Modal

Lum. Name: TR04-35-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 Light Intensity Distribution Modal



Curves: 3D Model — Fixture — Vert. HUD — Hori. HUD —  
View Angles: Orient:0 Tilt:0 Roll:0 Spin:0

Zonal Flux Tabulation

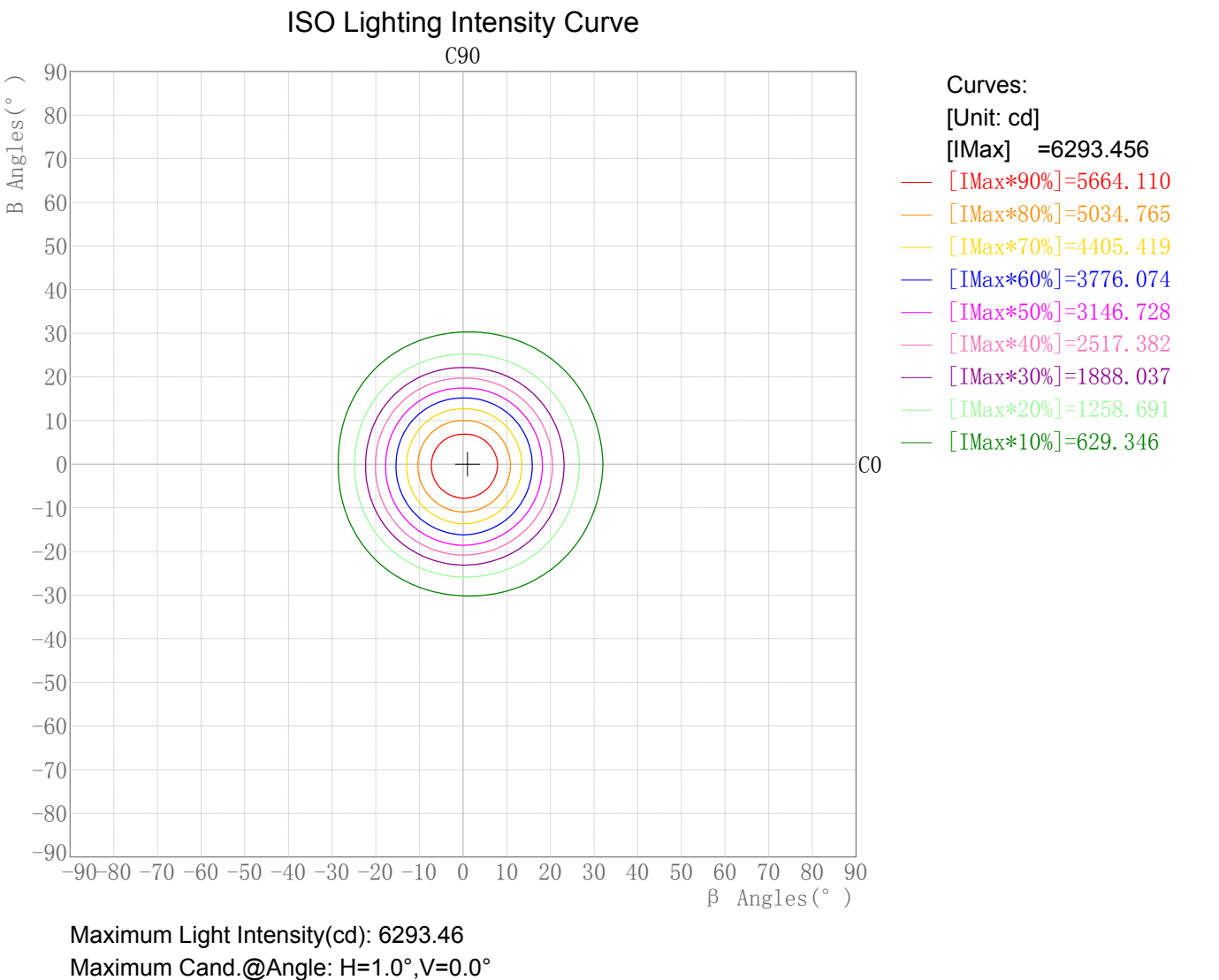
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	5.99	5.99	0.22	0.22	47.0-48.0	6.18	2525.25	0.23	93.27
1.0-2.0	17.90	23.88	0.66	0.88	48.0-49.0	5.96	2531.22	0.22	93.49
2.0-3.0	29.65	53.53	1.10	1.98	49.0-50.0	5.80	2537.02	0.21	93.70
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

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:TR04-35-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



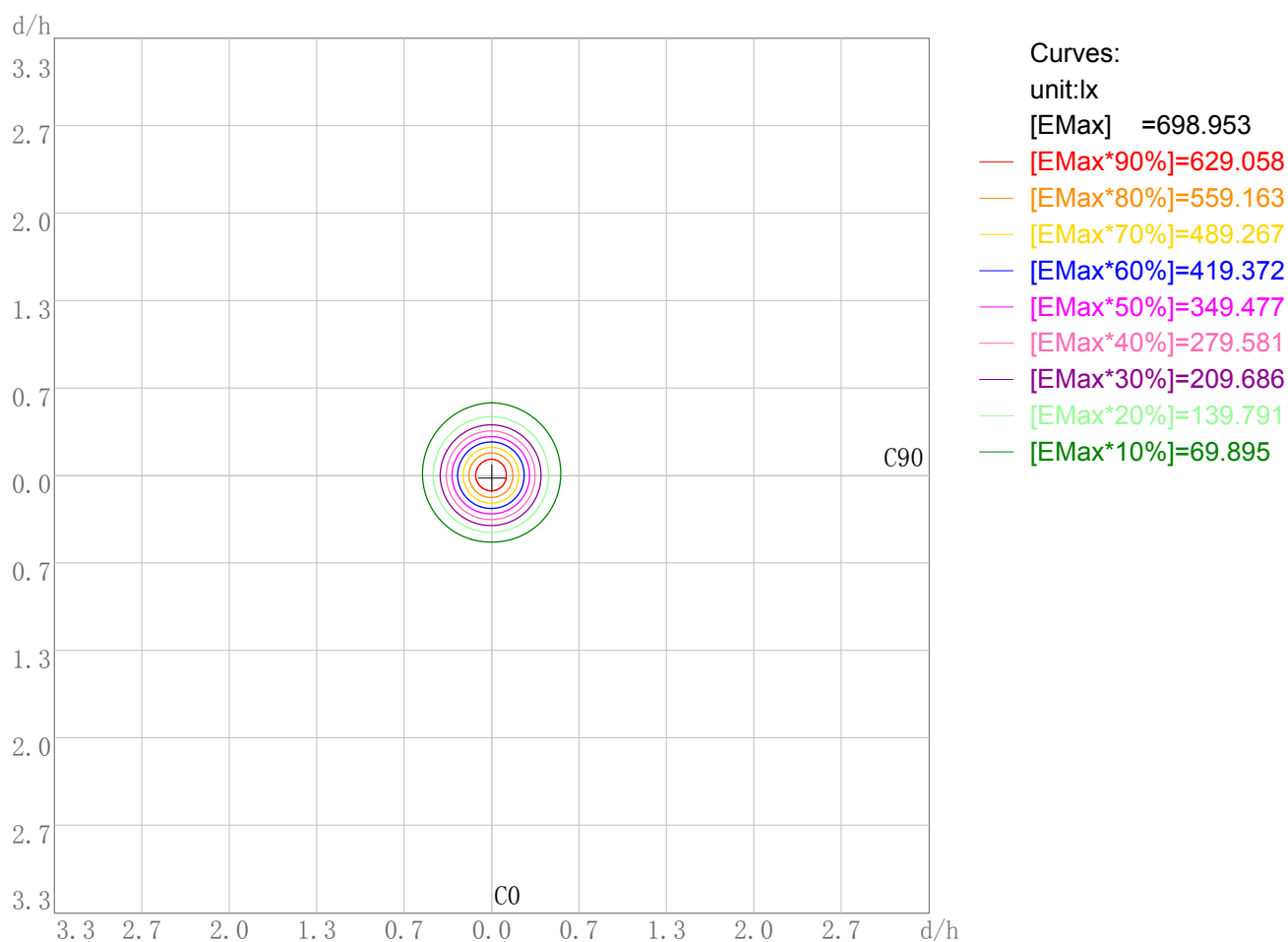
# IES Indoor Report

Photometric Filename:TR04-35-XX-01 2700K RA90 36D.IES

## Plane ISO-Illuminance Diagram

Lum. Name: TR04-35-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

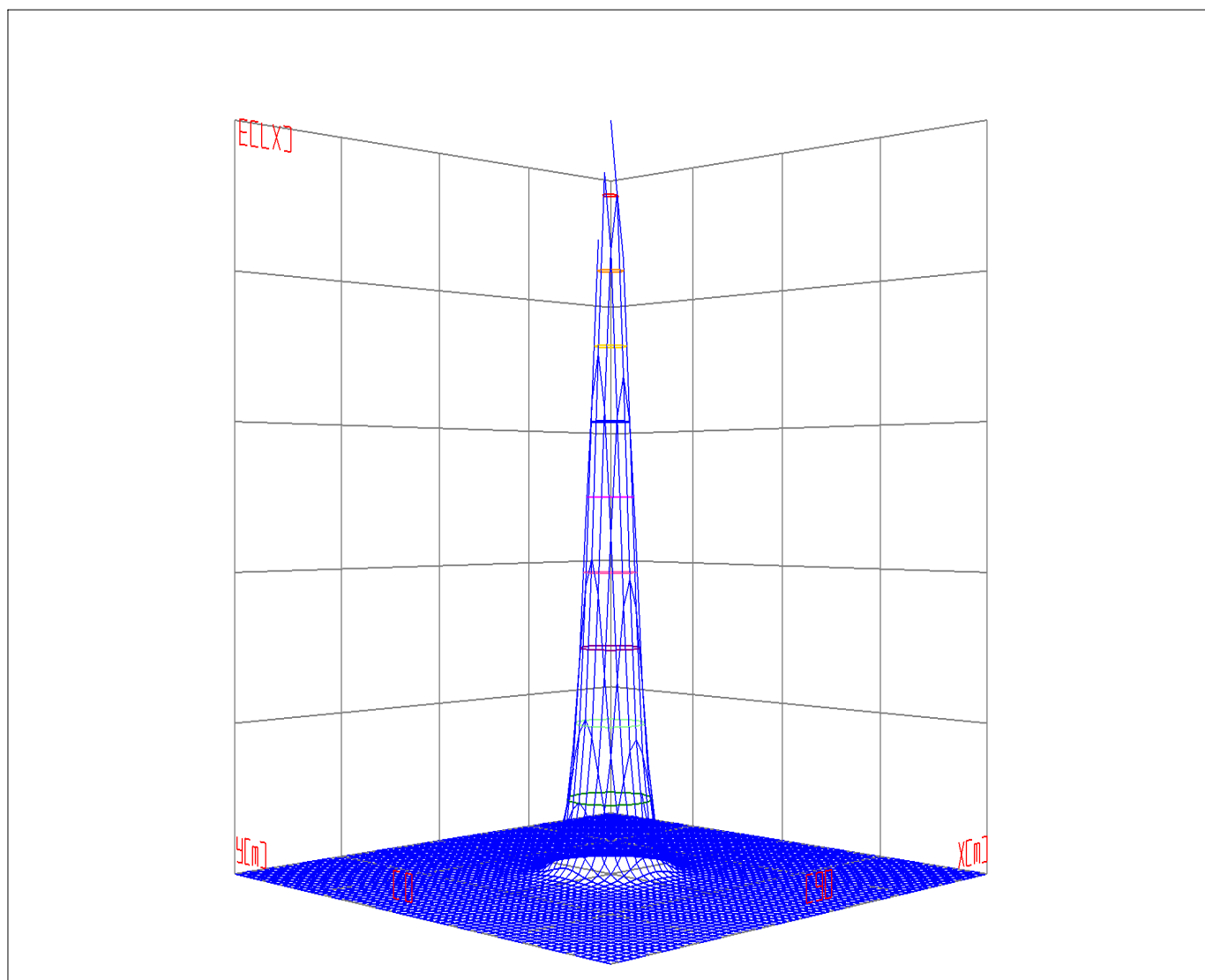
# IES Indoor Report

Photometric Filename:TR04-35-XX-01 2700K RA90 36D.IES

## 3D Plane ISO Illuminance Diagram

Lum. Name: TR04-35-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



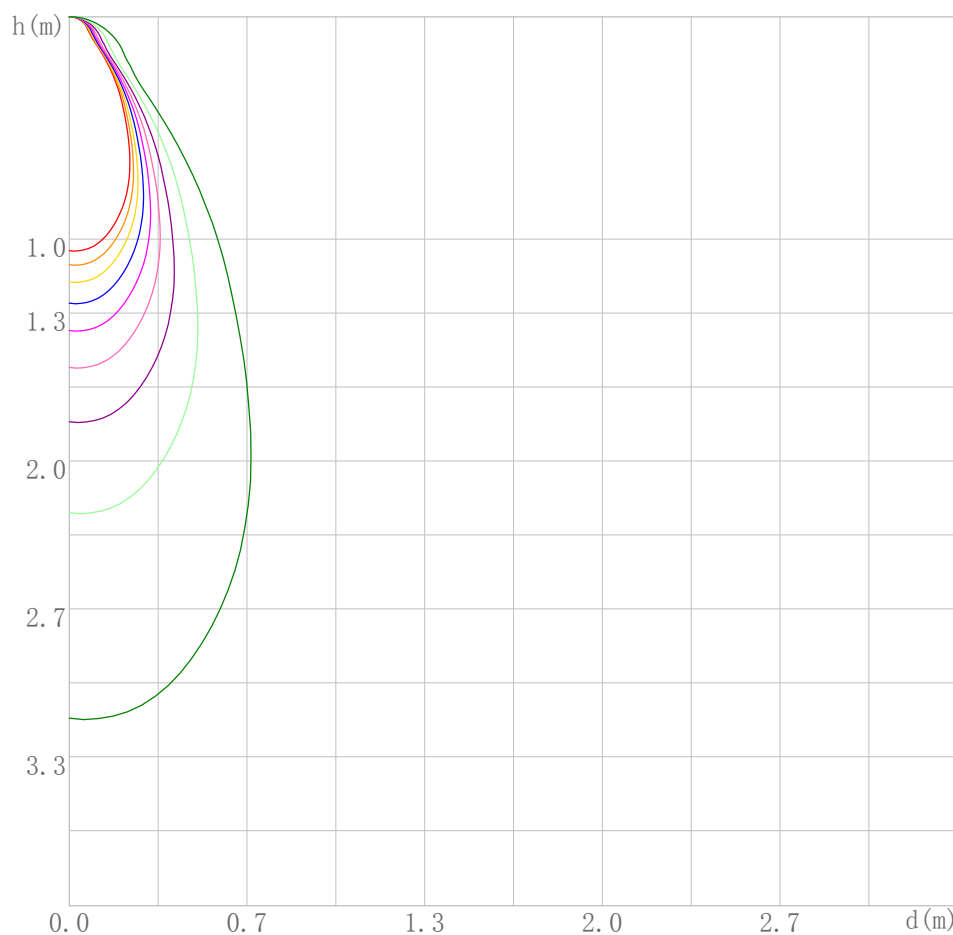
Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0



## Space ISO Illuminance Diagram

Lum. Name: TR04-35-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

## Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =6290.581

— [EMax\*90%]=5661.523

— [EMax\*80%]=5032.465

— [EMax\*70%]=4403.407

— [EMax\*60%]=3774.349

— [EMax\*50%]=3145.290

— [EMax\*40%]=2516.232

— [EMax\*30%]=1887.174

— [EMax\*20%]=1258.116

— [EMax\*10%]=629.058

Space Plane Maximum Illuminance and @Angle:6290.58lx,1.0deg

Plane Maximum Lighting Intensity and @Angle:6293.456cd,0deg

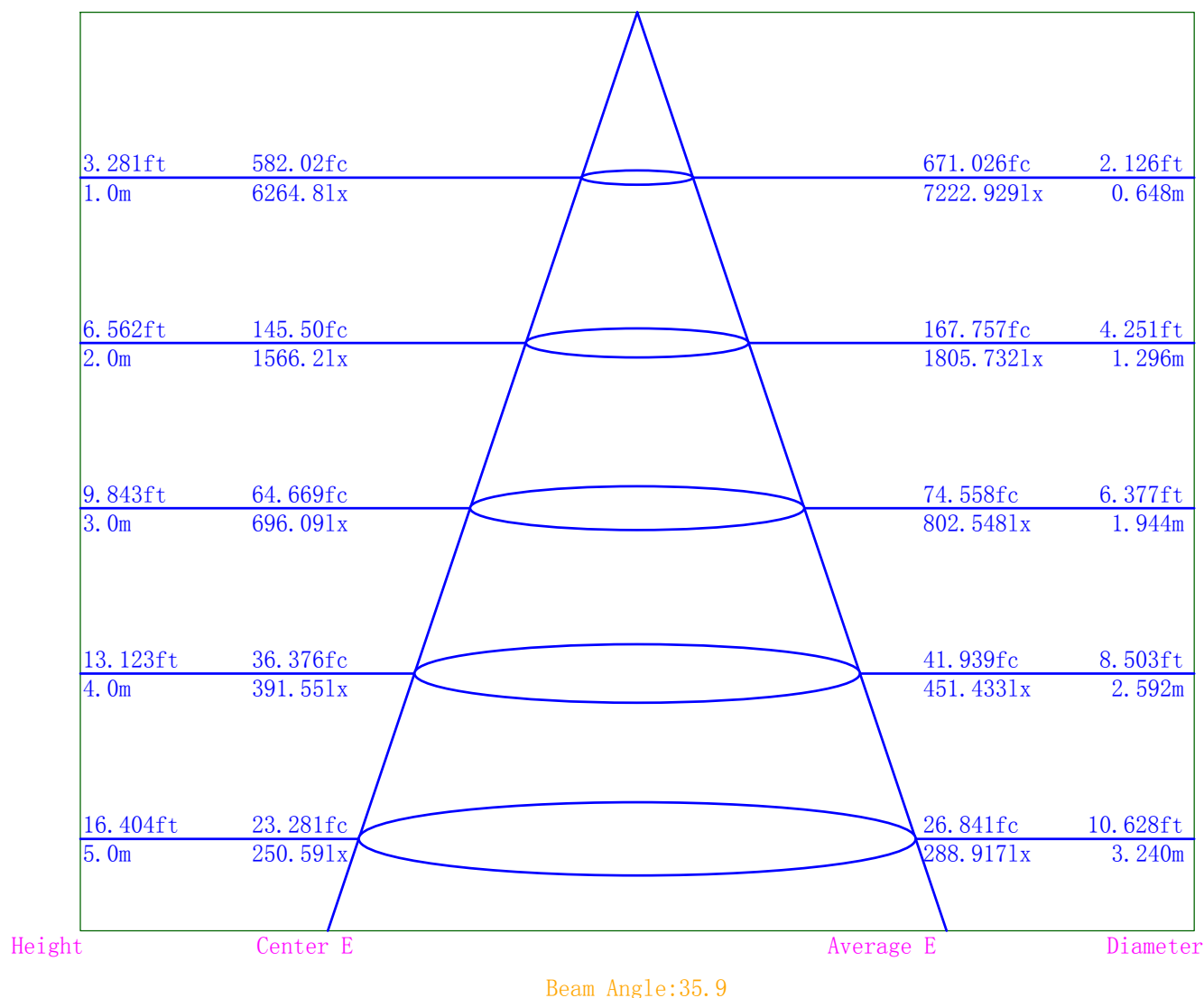
# IES Indoor Report

Photometric Filename:TR04-35-XX-01 2700K RA90 36D.IES

## Illuminance-Distance Diagram

Lum. Name: TR04-35-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

Illuminance-Distance Curve



Indoor Luminance Limiting Curves

Lum. Name: TR04-35-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

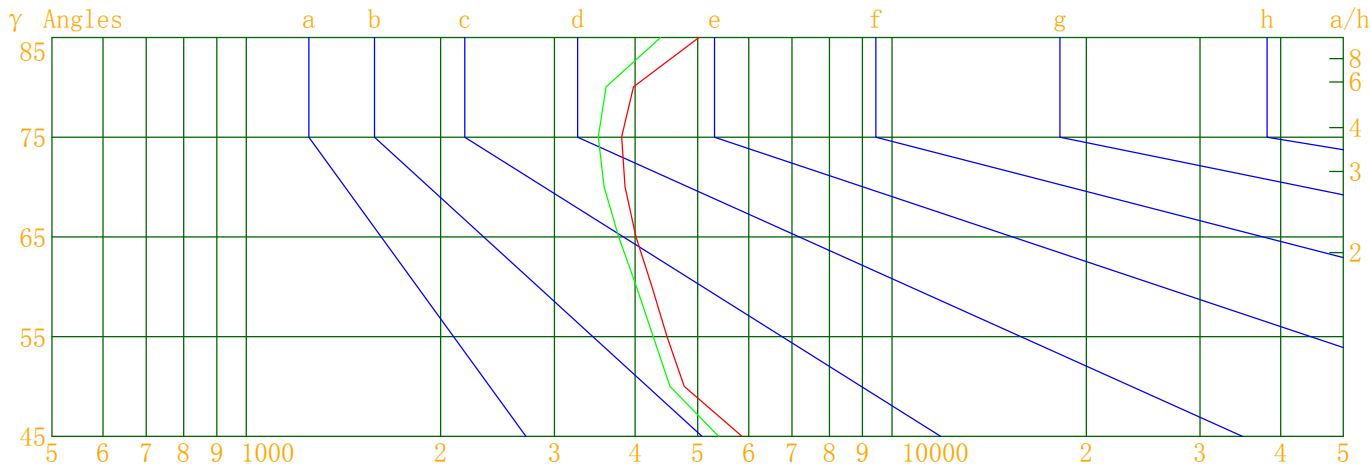
Glare Grade Table

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

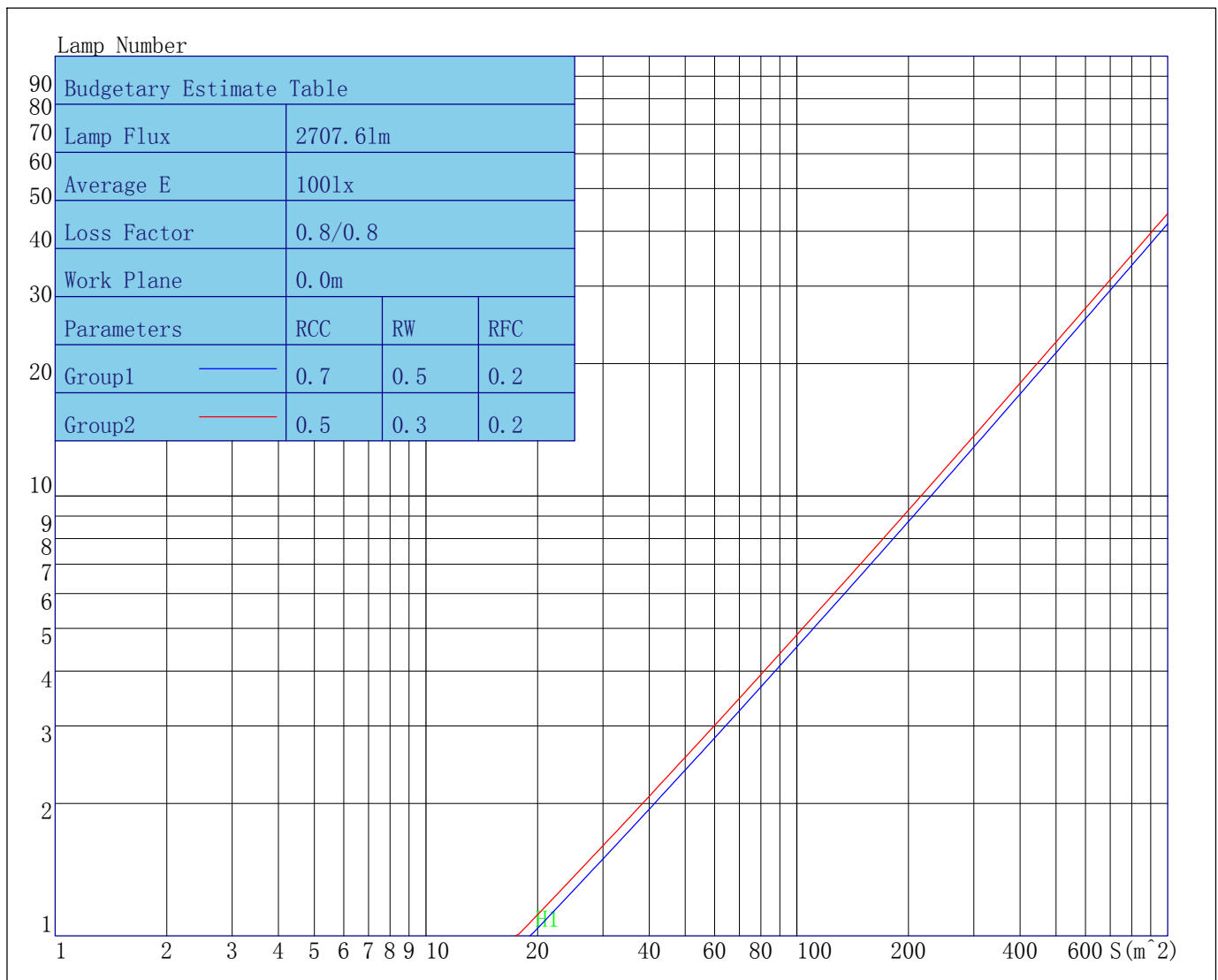
Luminous Curves: C0-C180 Color: C90-C270 Color:

# IES Indoor Report

Photometric Filename:TR04-35-XX-01 2700K RA90 36D.IES

## Indoor Budgetary Estimate Table

Lum. Name: TR04-35-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

Table with 3 columns: Lum. Name, Lum. Catalog, Test ID; Lamp Name, Lamp Catalog, Test Lab; Manufacture, Test Machine, Test Date.

Table with 7 columns: Coef., Effective Floor Cavity Reflectance RFC=0.20, RhoCC (%), RhoW (%), RCR, Coefficient of Utilization(%), and numerical data values.

Unified Glare Rating Table

Lum. Name: TR04-35-XX-01 2700K RA90 36D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: QQualty 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.

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