

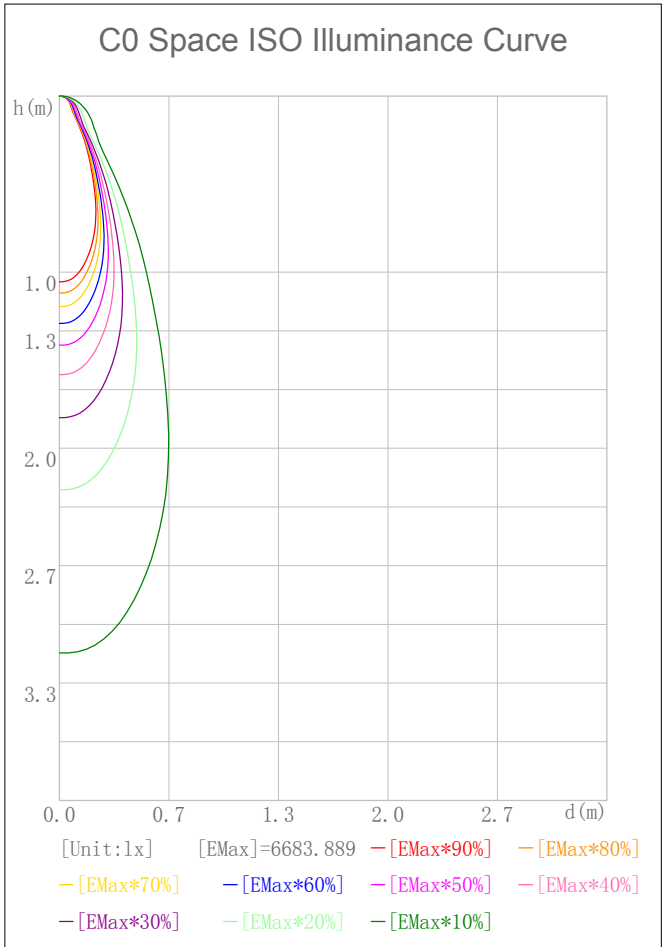
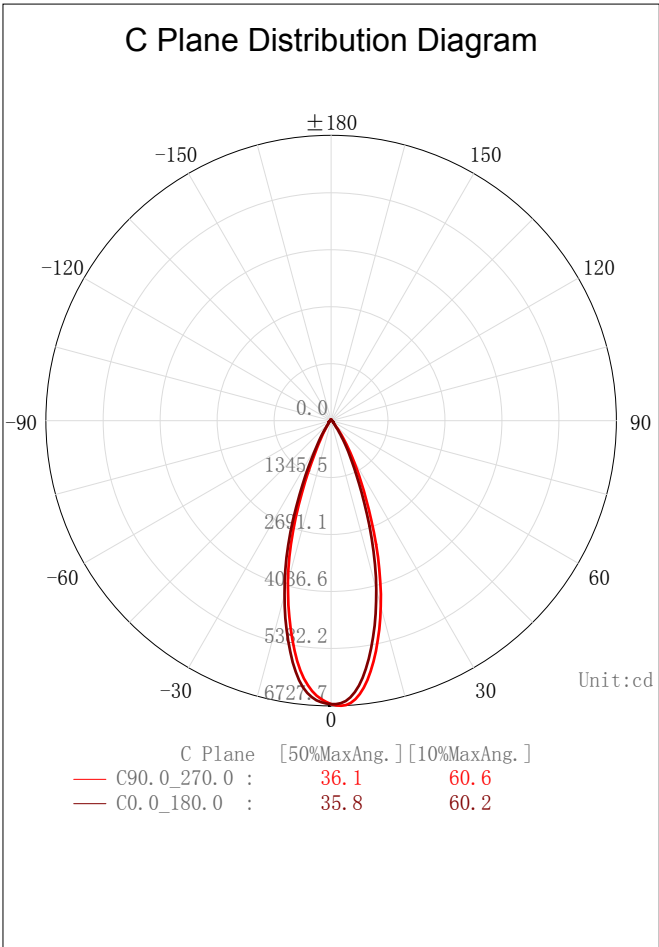
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR04-35-XX-01 3000K RA90 36D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/11/25
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

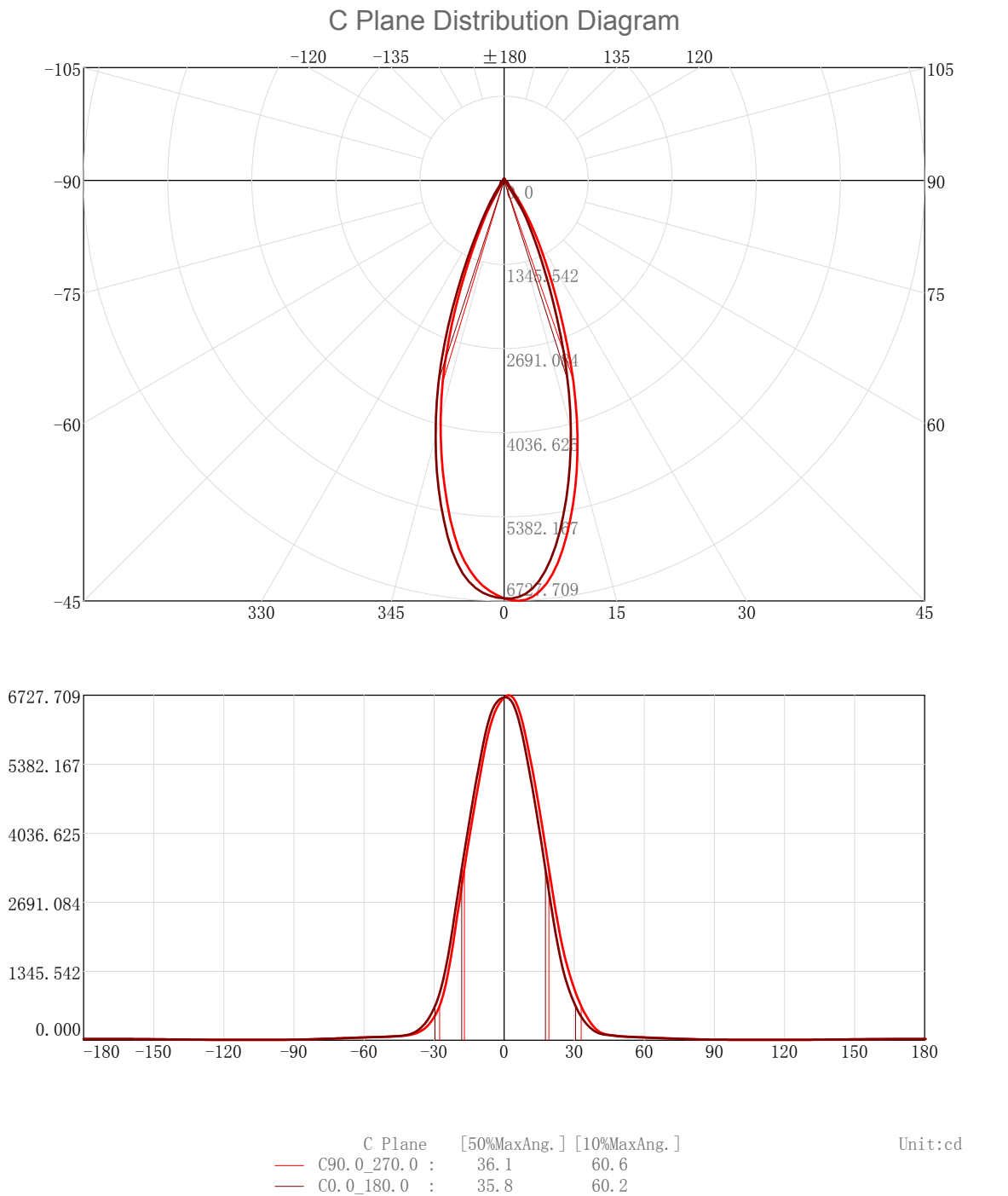
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 2948.000	Luminary Flux(lm): 2947.996	Field Angle(10%Imax): 60.6(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 2861.373lm 97.06%	
Rated Voltage(V):	Luminary EER(lm/W): 87.270	Up Lumens&Percent: 86.623lm 2.94%	
Tested Power(W): 33.780	Max. Candela(cd): 6727.709	S/MH: C0_a180=0.589 C90_270=0.594	
Lamps' Inside: 1	Max Cand@Ang. (°): C=90.0 γ=2.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.1, 0.142, 0.987	Beam Angle(50%Imax): 36.1(°)	ErP ϕ use(90°): 2726.846lm	
Lamp Size(W*L*H):0.070m*0.070m*0.266m	Left=-17.0°, Right=19.1°	IRF(%): 515.849	



2D Plane Light Intensity Distribution Curve

Lum. Name: TR04-35-XX-01 3000K 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: 2019/11/25



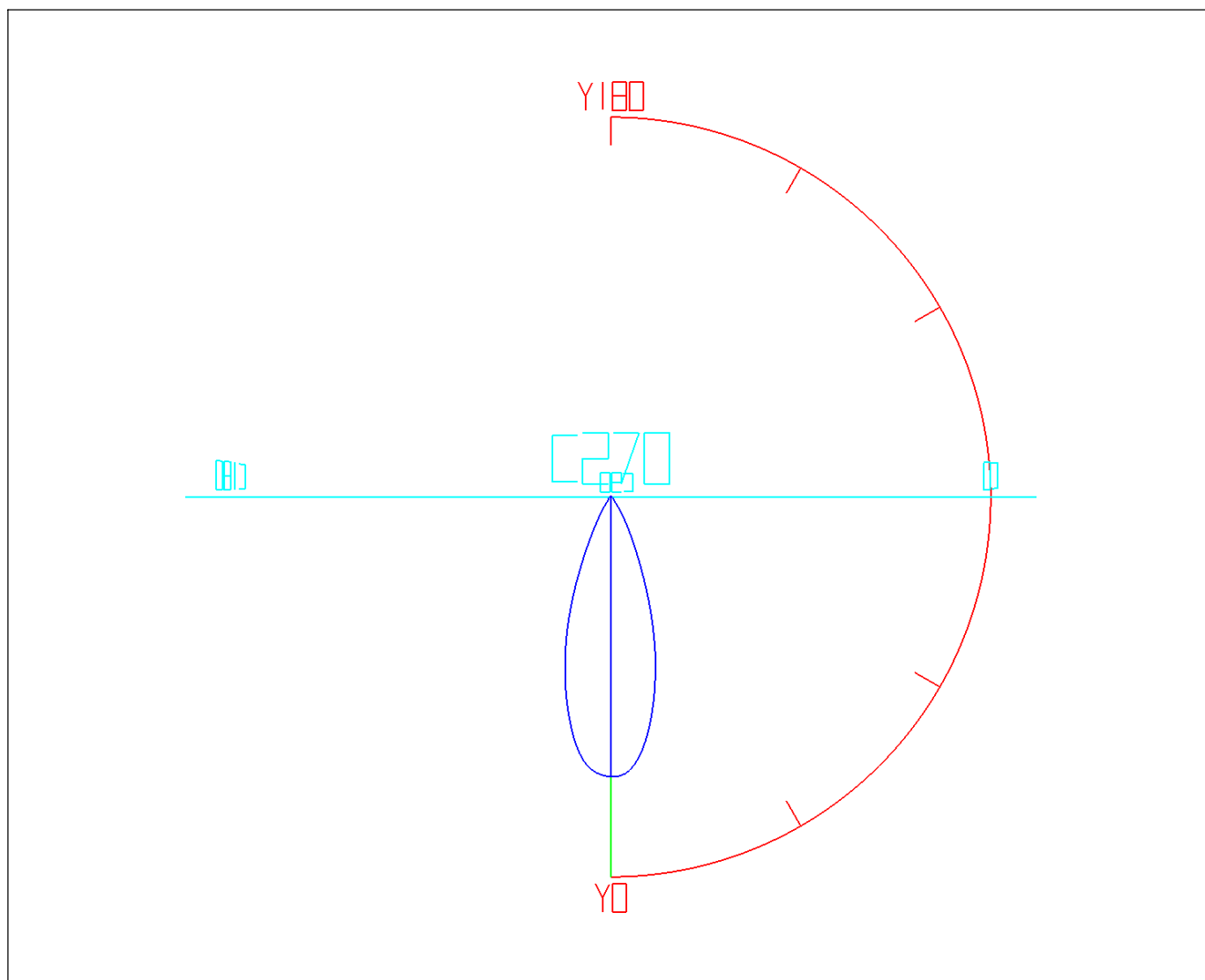
# IES Indoor Report

Photometric Filename:TR04-35-XX-01 3000K RA90 36D.IES

## 3D Light Intensity Distribution Modal

Lum. Name: TR04-35-XX-01 3000K 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: 2019/11/25

## 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

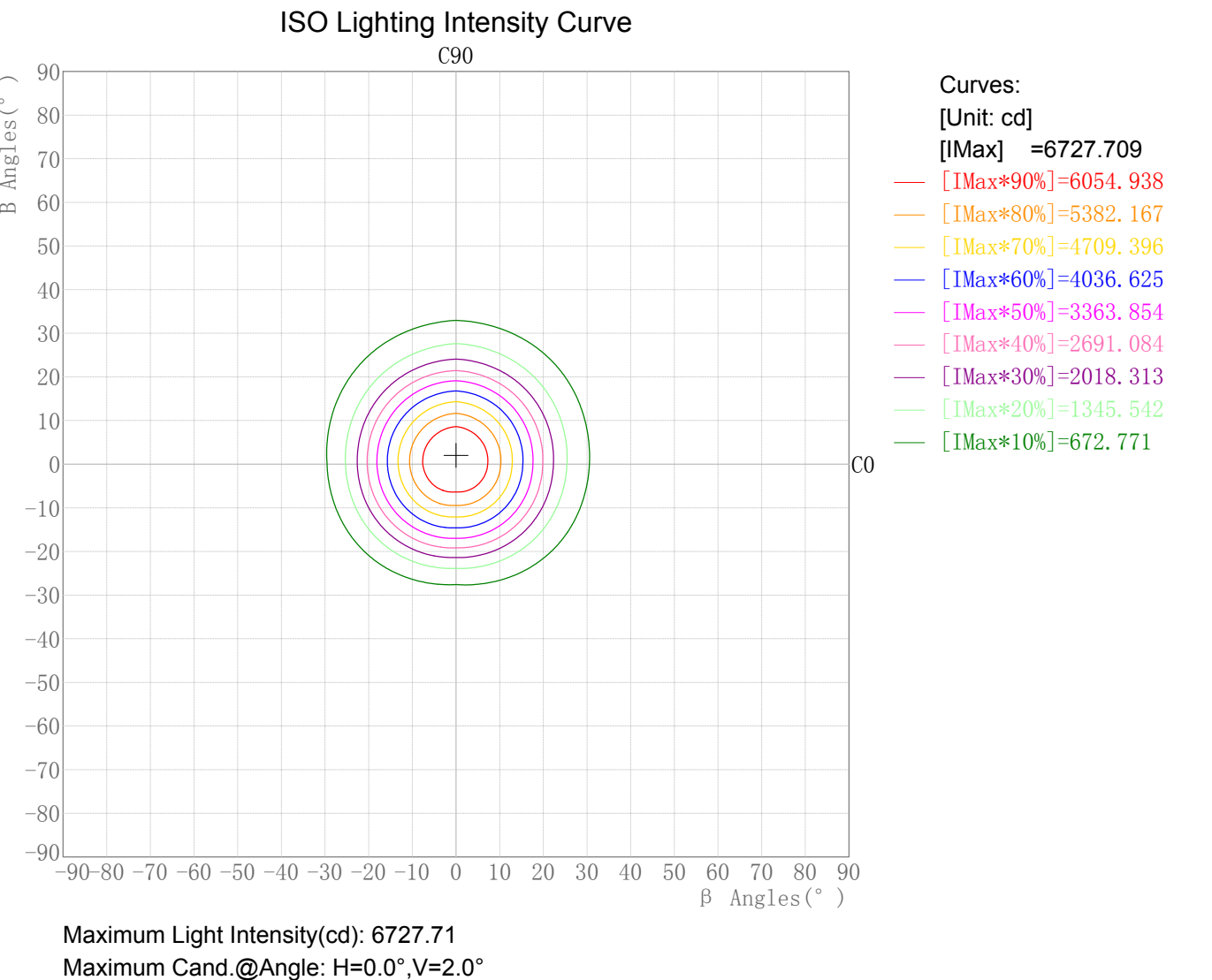
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	6.39	6.39	0.22	0.22	47.0-48.0	6.75	2688.16	0.23	91.19
1.0-2.0	19.13	25.52	0.65	0.87	48.0-49.0	6.54	2694.70	0.22	91.41
2.0-3.0	31.71	57.24	1.08	1.94	49.0-50.0	6.37	2701.07	0.22	91.62
3.0-4.0	43.99	101.23	1.49	3.43	50.0-51.0	6.25	2707.32	0.21	91.84
4.0-5.0	55.78	157.00	1.89	5.33	51.0-52.0	6.16	2713.47	0.21	92.04
5.0-6.0	66.91	223.92	2.27	7.60	52.0-53.0	6.08	2719.55	0.21	92.25
6.0-7.0	77.22	301.14	2.62	10.21	53.0-54.0	6.01	2725.56	0.20	92.45
7.0-8.0	86.51	387.64	2.93	13.15	54.0-55.0	5.94	2731.50	0.20	92.66
8.0-9.0	94.66	482.31	3.21	16.36	55.0-56.0	5.87	2737.36	0.20	92.85
9.0-10.0	101.62	583.92	3.45	19.81	56.0-57.0	5.79	2743.15	0.20	93.05
10.0-11.0	107.42	691.34	3.64	23.45	57.0-58.0	5.69	2748.84	0.19	93.24
11.0-12.0	112.11	803.46	3.80	27.25	58.0-59.0	5.59	2754.43	0.19	93.43
12.0-13.0	115.65	919.10	3.92	31.18	59.0-60.0	5.49	2759.92	0.19	93.62
13.0-14.0	117.98	1037.08	4.00	35.18	60.0-61.0	5.38	2765.30	0.18	93.80
14.0-15.0	119.11	1156.19	4.04	39.22	61.0-62.0	5.27	2770.57	0.18	93.98
15.0-16.0	119.07	1275.26	4.04	43.26	62.0-63.0	5.15	2775.72	0.17	94.16
16.0-17.0	117.78	1393.04	4.00	47.25	63.0-64.0	5.03	2780.75	0.17	94.33
17.0-18.0	115.19	1508.23	3.91	51.16	64.0-65.0	4.89	2785.64	0.17	94.49
18.0-19.0	111.30	1619.53	3.78	54.94	65.0-66.0	4.75	2790.39	0.16	94.65
19.0-20.0	106.11	1725.64	3.60	58.54	66.0-67.0	4.60	2794.99	0.16	94.81
20.0-21.0	99.90	1825.54	3.39	61.92	67.0-68.0	4.46	2799.45	0.15	94.96
21.0-22.0	92.80	1918.34	3.15	65.07	68.0-69.0	4.31	2803.76	0.15	95.11
22.0-23.0	85.24	2003.58	2.89	67.96	69.0-70.0	4.17	2807.93	0.14	95.25
23.0-24.0	77.71	2081.28	2.64	70.60	70.0-71.0	4.02	2811.95	0.14	95.39
24.0-25.0	70.26	2151.54	2.38	72.98	71.0-72.0	3.87	2815.83	0.13	95.52
25.0-26.0	63.20	2214.74	2.14	75.13	72.0-73.0	3.73	2819.55	0.13	95.64
26.0-27.0	56.64	2271.38	1.92	77.05	73.0-74.0	3.58	2823.13	0.12	95.76
27.0-28.0	50.74	2322.12	1.72	78.77	74.0-75.0	3.44	2826.57	0.12	95.88
28.0-29.0	45.52	2367.64	1.54	80.31	75.0-76.0	3.29	2829.86	0.11	95.99
29.0-30.0	40.81	2408.45	1.38	81.70	76.0-77.0	3.14	2833.00	0.11	96.10
30.0-31.0	36.41	2444.87	1.24	82.93	77.0-78.0	3.00	2836.00	0.10	96.20
31.0-32.0	32.30	2477.17	1.10	84.03	78.0-79.0	2.86	2838.86	0.10	96.30
32.0-33.0	28.55	2505.72	0.97	85.00	79.0-80.0	2.72	2841.57	0.09	96.39
33.0-34.0	25.01	2530.73	0.85	85.85	80.0-81.0	2.57	2844.15	0.09	96.48
34.0-35.0	21.80	2552.54	0.74	86.59	81.0-82.0	2.43	2846.58	0.08	96.56
35.0-36.0	19.01	2571.55	0.64	87.23	82.0-83.0	2.30	2848.88	0.08	96.64
36.0-37.0	16.49	2588.03	0.56	87.79	83.0-84.0	2.16	2851.04	0.07	96.71
37.0-38.0	14.28	2602.31	0.48	88.27	84.0-85.0	2.03	2853.07	0.07	96.78
38.0-39.0	12.40	2614.71	0.42	88.69	85.0-86.0	1.90	2854.97	0.06	96.84
39.0-40.0	10.85	2625.56	0.37	89.06	86.0-87.0	1.77	2856.75	0.06	96.90
40.0-41.0	9.65	2635.21	0.33	89.39	87.0-88.0	1.65	2858.39	0.06	96.96
41.0-42.0	8.77	2643.98	0.30	89.69	88.0-89.0	1.53	2859.92	0.05	97.01
42.0-43.0	8.15	2652.13	0.28	89.96	89.0-90.0	1.45	2861.37	0.05	97.06
43.0-44.0	7.72	2659.85	0.26	90.23	90.0-91.0	1.40	2862.78	0.05	97.11
44.0-45.0	7.42	2667.27	0.25	90.48	91.0-92.0	1.37	2864.15	0.05	97.16
45.0-46.0	7.17	2674.44	0.24	90.72	92.0-93.0	1.35	2865.50	0.05	97.20
46.0-47.0	6.96	2681.40	0.24	90.96	93.0-94.0	1.32	2866.82	0.04	97.25

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	1.30	2868.12	0.04	97.29	141.0-142.0	1.18	2917.89	0.04	98.98
95.0-96.0	1.28	2869.40	0.04	97.33	142.0-143.0	1.19	2919.08	0.04	99.02
96.0-97.0	1.25	2870.65	0.04	97.38	143.0-144.0	1.19	2920.27	0.04	99.06
97.0-98.0	1.24	2871.89	0.04	97.42	144.0-145.0	1.20	2921.47	0.04	99.10
98.0-99.0	1.21	2873.10	0.04	97.46	145.0-146.0	1.20	2922.67	0.04	99.14
99.0-100.0	1.20	2874.30	0.04	97.50	146.0-147.0	1.20	2923.87	0.04	99.18
100.0-101.0	1.18	2875.48	0.04	97.54	147.0-148.0	1.20	2925.07	0.04	99.22
101.0-102.0	1.16	2876.63	0.04	97.58	148.0-149.0	1.19	2926.27	0.04	99.26
102.0-103.0	1.14	2877.77	0.04	97.62	149.0-150.0	1.19	2927.45	0.04	99.30
103.0-104.0	1.12	2878.89	0.04	97.66	150.0-151.0	1.18	2928.63	0.04	99.34
104.0-105.0	1.10	2880.00	0.04	97.69	151.0-152.0	1.17	2929.80	0.04	99.38
105.0-106.0	1.08	2881.08	0.04	97.73	152.0-153.0	1.15	2930.95	0.04	99.42
106.0-107.0	1.07	2882.15	0.04	97.77	153.0-154.0	1.13	2932.08	0.04	99.46
107.0-108.0	1.06	2883.21	0.04	97.80	154.0-155.0	1.11	2933.18	0.04	99.50
108.0-109.0	1.04	2884.25	0.04	97.84	155.0-156.0	1.08	2934.26	0.04	99.53
109.0-110.0	1.03	2885.27	0.03	97.87	156.0-157.0	1.05	2935.32	0.04	99.57
110.0-111.0	1.01	2886.29	0.03	97.91	157.0-158.0	1.02	2936.34	0.03	99.60
111.0-112.0	1.00	2887.29	0.03	97.94	158.0-159.0	0.99	2937.33	0.03	99.64
112.0-113.0	0.99	2888.28	0.03	97.97	159.0-160.0	0.96	2938.29	0.03	99.67
113.0-114.0	0.98	2889.26	0.03	98.01	160.0-161.0	0.92	2939.21	0.03	99.70
114.0-115.0	0.97	2890.24	0.03	98.04	161.0-162.0	0.88	2940.09	0.03	99.73
115.0-116.0	0.96	2891.20	0.03	98.07	162.0-163.0	0.84	2940.92	0.03	99.76
116.0-117.0	0.95	2892.16	0.03	98.11	163.0-164.0	0.79	2941.72	0.03	99.79
117.0-118.0	0.95	2893.11	0.03	98.14	164.0-165.0	0.75	2942.47	0.03	99.81
118.0-119.0	0.95	2894.06	0.03	98.17	165.0-166.0	0.70	2943.17	0.02	99.84
119.0-120.0	0.95	2895.01	0.03	98.20	166.0-167.0	0.66	2943.83	0.02	99.86
120.0-121.0	0.94	2895.95	0.03	98.23	167.0-168.0	0.61	2944.44	0.02	99.88
121.0-122.0	0.95	2896.90	0.03	98.27	168.0-169.0	0.56	2945.00	0.02	99.90
122.0-123.0	0.95	2897.85	0.03	98.30	169.0-170.0	0.52	2945.52	0.02	99.92
123.0-124.0	0.95	2898.80	0.03	98.33	170.0-171.0	0.47	2945.99	0.02	99.93
124.0-125.0	0.96	2899.76	0.03	98.36	171.0-172.0	0.42	2946.41	0.01	99.95
125.0-126.0	0.97	2900.72	0.03	98.40	172.0-173.0	0.37	2946.78	0.01	99.96
126.0-127.0	0.97	2901.70	0.03	98.43	173.0-174.0	0.32	2947.10	0.01	99.97
127.0-128.0	0.98	2902.68	0.03	98.46	174.0-175.0	0.27	2947.37	0.01	99.98
128.0-129.0	0.99	2903.67	0.03	98.50	175.0-176.0	0.22	2947.60	0.01	99.99
129.0-130.0	1.00	2904.68	0.03	98.53	176.0-177.0	0.17	2947.77	0.01	99.99
130.0-131.0	1.02	2905.70	0.03	98.56	177.0-178.0	0.13	2947.90	0.00	100.00
131.0-132.0	1.03	2906.73	0.04	98.60	178.0-179.0	0.08	2947.97	0.00	100.00
132.0-133.0	1.05	2907.78	0.04	98.64	179.0-180.0	0.03	2948.00	0.00	100.00
133.0-134.0	1.06	2908.84	0.04	98.67					
134.0-135.0	1.08	2909.92	0.04	98.71					
135.0-136.0	1.10	2911.02	0.04	98.75					
136.0-137.0	1.11	2912.13	0.04	98.78					
137.0-138.0	1.13	2913.26	0.04	98.82					
138.0-139.0	1.14	2914.40	0.04	98.86					
139.0-140.0	1.15	2915.55	0.04	98.90					
140.0-141.0	1.17	2916.72	0.04	98.94					

Rectangle ISO Lighting Intensity Diagram

Lum. Name:TR04-35-XX-01 3000K 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: 2019/11/25



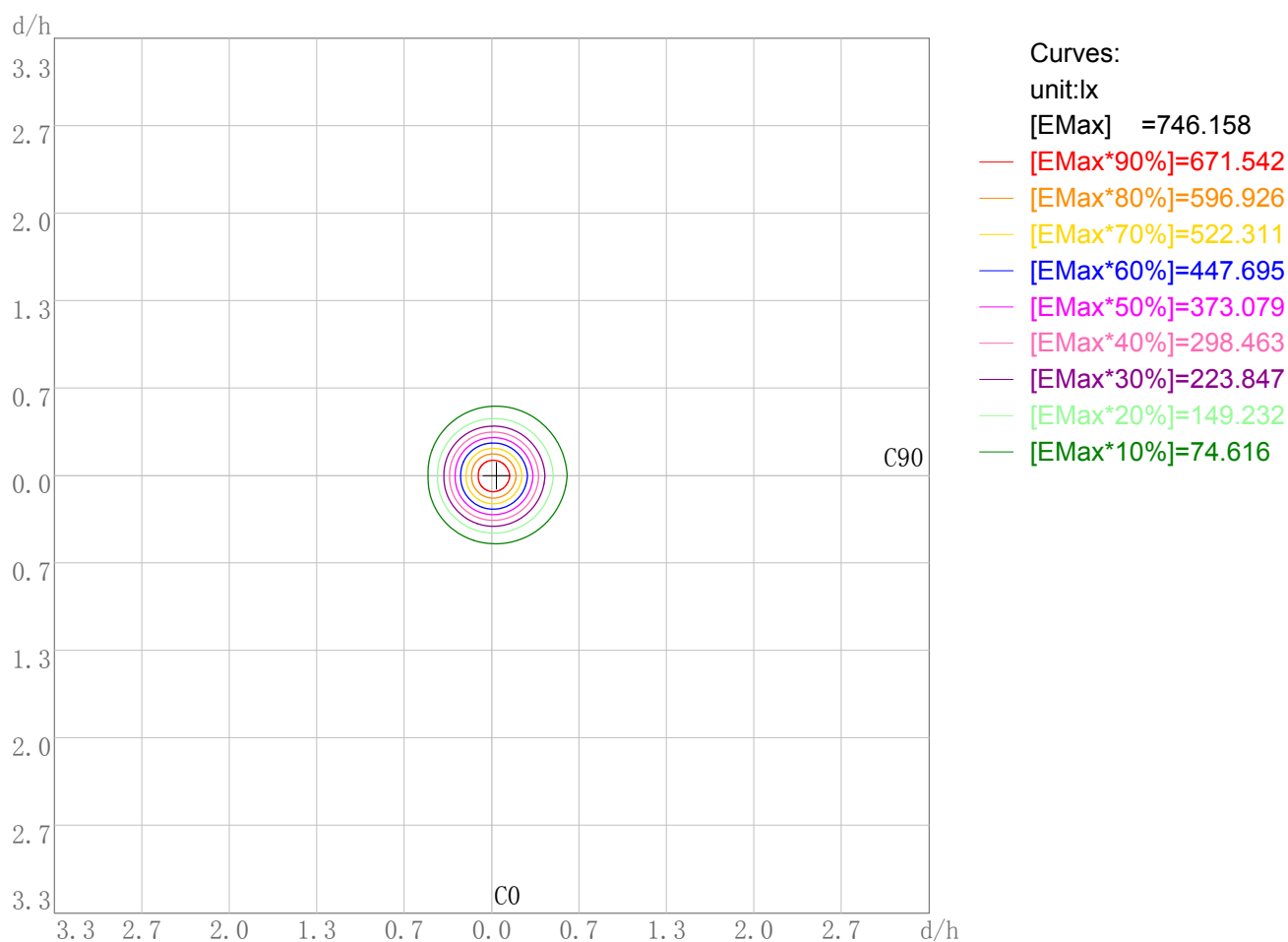
# IES Indoor Report

Photometric Filename:TR04-35-XX-01 3000K RA90 36D.IES

## Plane ISO-Illuminance Diagram

Lum. Name: TR04-35-XX-01 3000K 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: 2019/11/25

## Plane ISO-Illuminance Curve



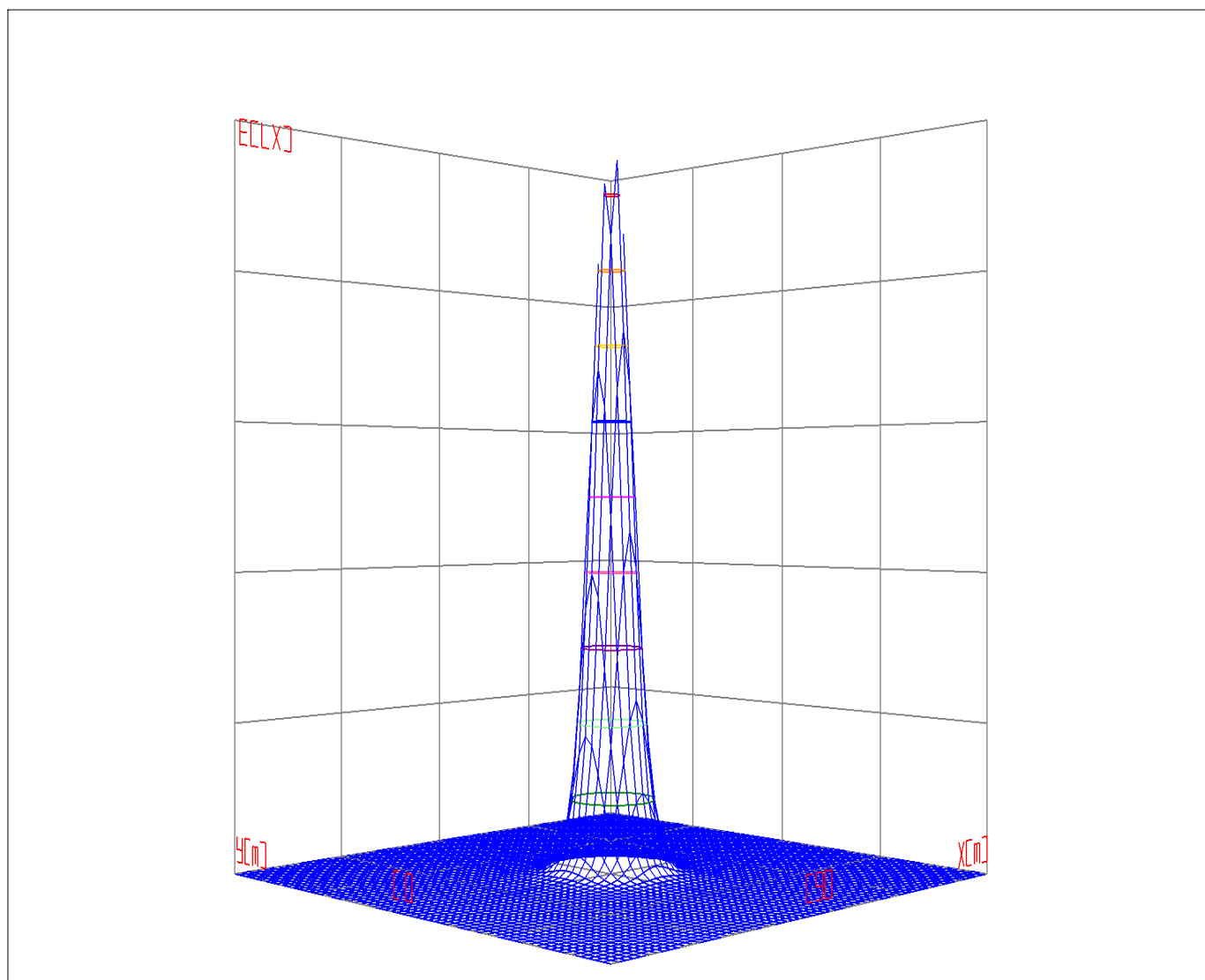
# IES Indoor Report

Photometric Filename:TR04-35-XX-01 3000K RA90 36D.IES

## 3D Plane ISO Illuminance Diagram

Lum. Name: TR04-35-XX-01 3000K 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: 2019/11/25

## 3D Plane Illuminance Modal



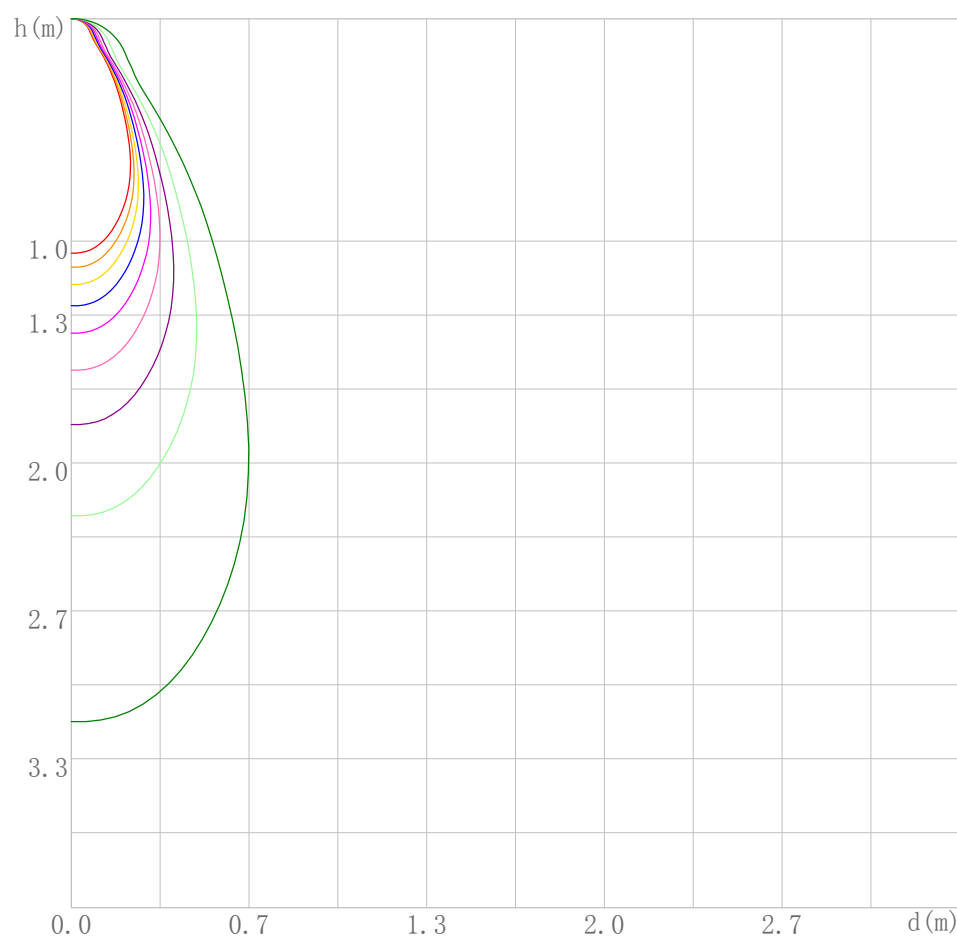
Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0



## Space ISO Illuminance Diagram

Lum. Name: TR04-35-XX-01 3000K 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: 2019/11/25

## Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =6683.889

— [EMax\*90%]=6015.500

— [EMax\*80%]=5347.111

— [EMax\*70%]=4678.722

— [EMax\*60%]=4010.333

— [EMax\*50%]=3341.944

— [EMax\*40%]=2673.556

— [EMax\*30%]=2005.167

— [EMax\*20%]=1336.778

— [EMax\*10%]=668.389

Space Plane Maximum Illuminance and @Angle:6683.89lx,1.0deg

Plane Maximum Lighting Intensity and @Angle:6686.944cd,0deg

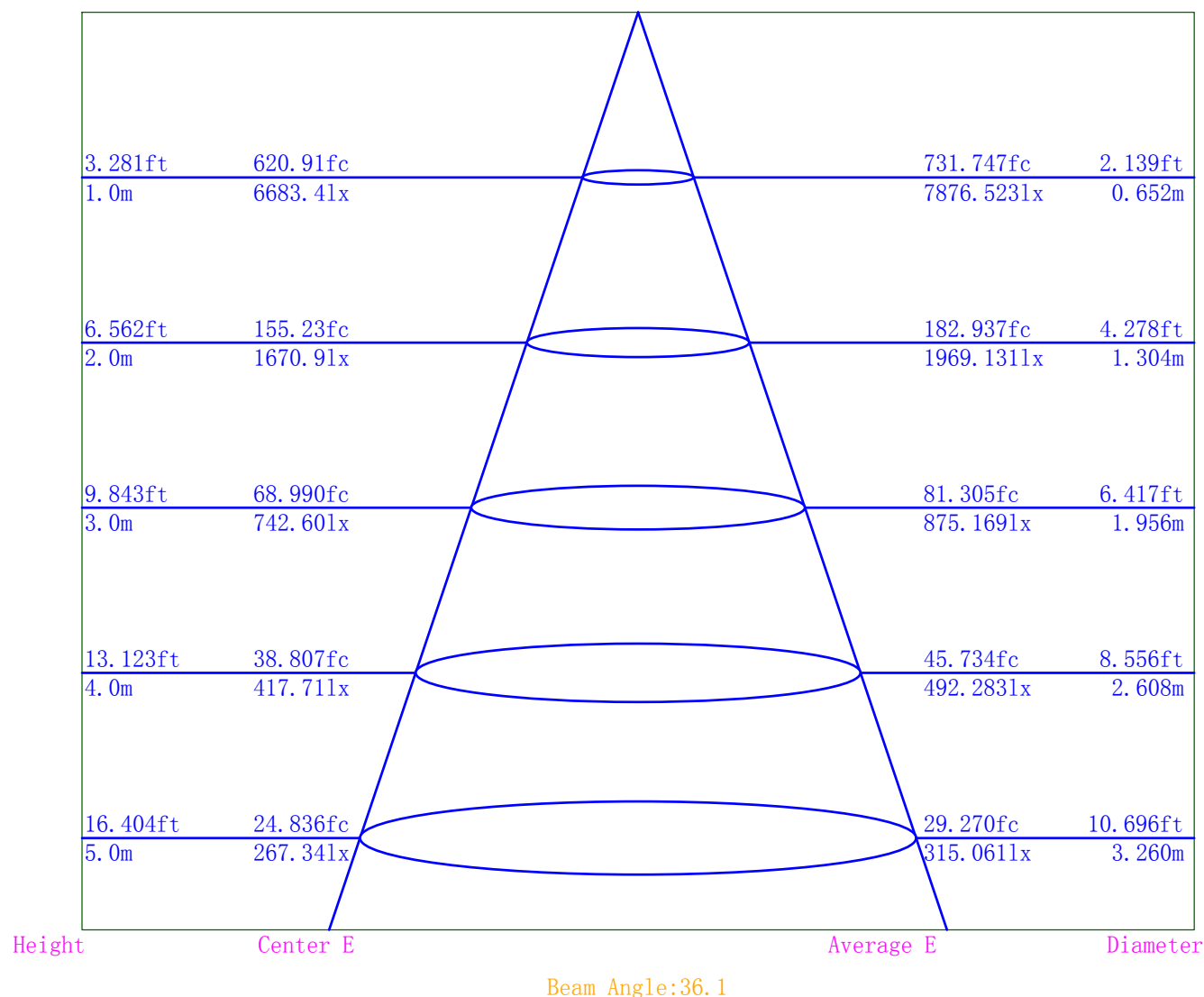
# IES Indoor Report

Photometric Filename:TR04-35-XX-01 3000K RA90 36D.IES

## Illuminance-Distance Diagram

Lum. Name: TR04-35-XX-01 3000K 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: 2019/11/25

Illuminance-Distance Curve



# IES Indoor Report

Photometric Filename:TR04-35-XX-01 3000K RA90 36D.IES

## Indoor Luminance Limiting Curves

Lum. Name: TR04-35-XX-01 3000K 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: 2019/11/25

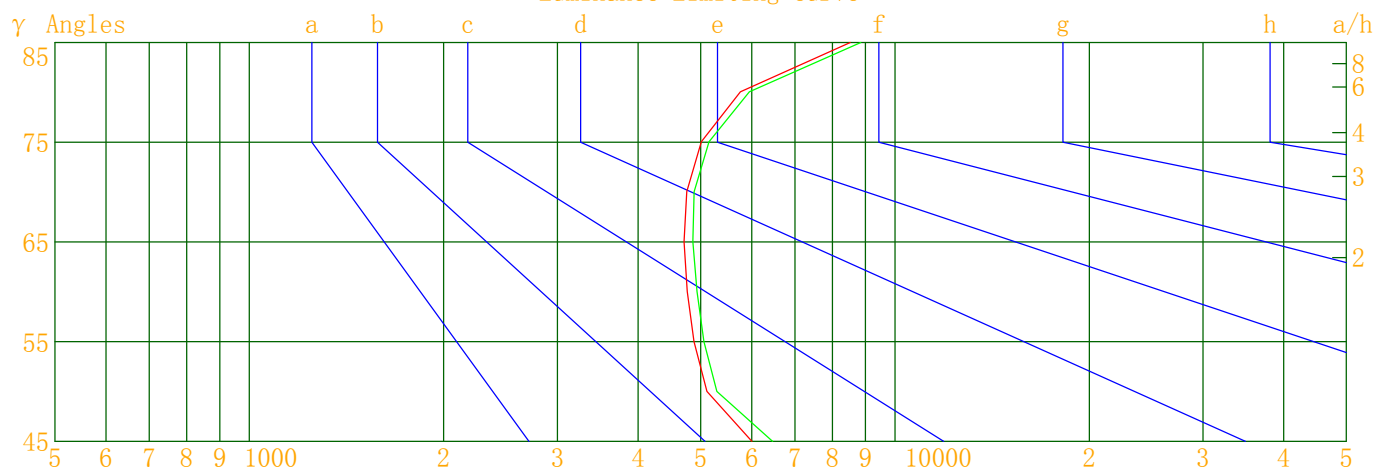
Glare Grade Table

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	6005	5113	4883	4766	4714	4758	5012	5761	8526
C90	6463	5300	5058	4936	4862	4886	5153	5948	8851

Luminance Limiting Curve



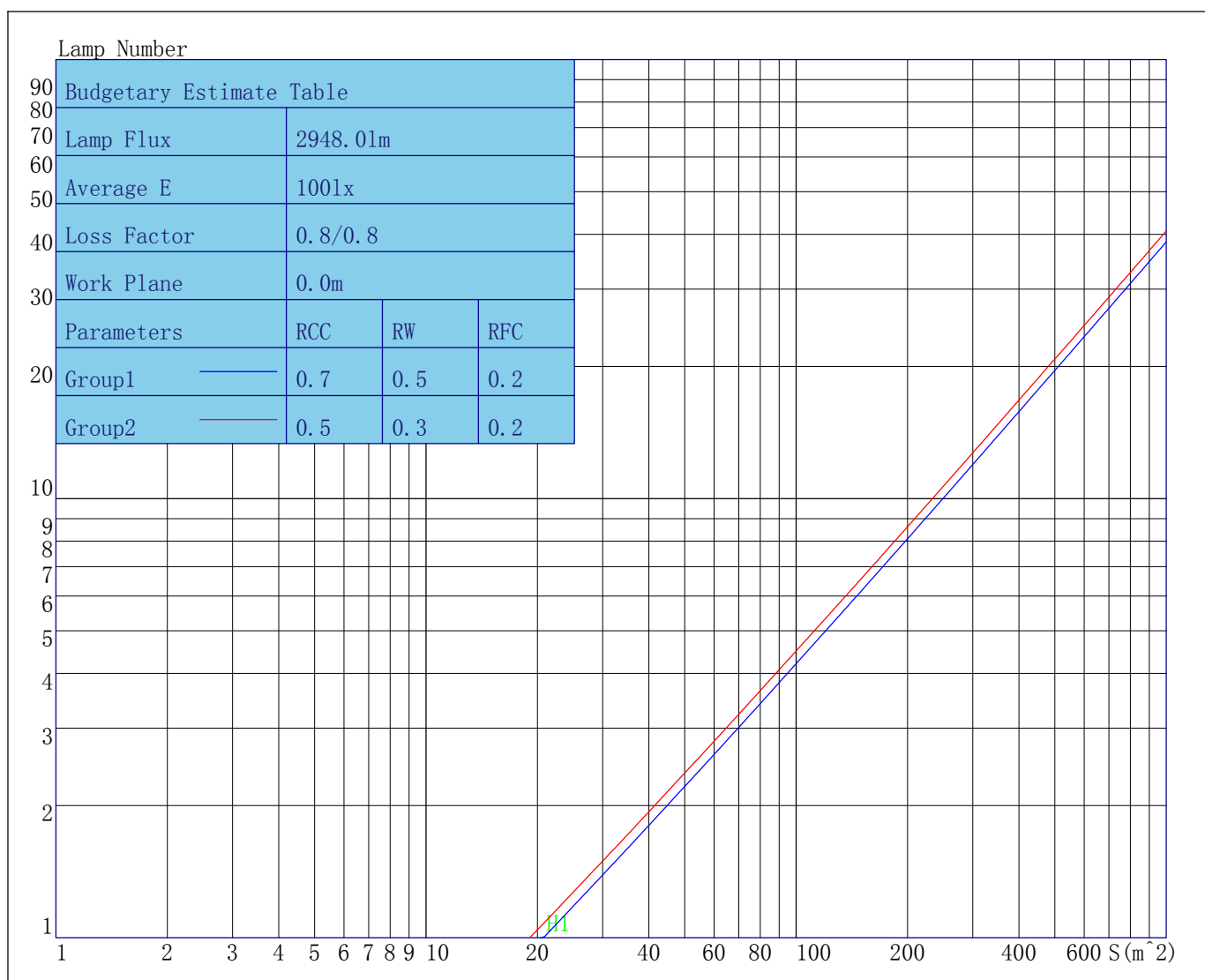
Luminous Size: Length(m)=0.070 Width(m)=0.070 Height(m)=0.266 Area(m^2)=0.023520  
Luminous Type: Without Luminous Side  
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

# IES Indoor Report

Photometric Filename:TR04-35-XX-01 3000K RA90 36D.IES

## Indoor Budgetary Estimate Table

Lum. Name: TR04-35-XX-01 3000K 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: 2019/11/25



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

# IES Indoor Report

Photometric Filename:TR04-35-XX-01 3000K RA90 36D.IES

## Indoor Coefficient of Utilization Table

Lum. Name: TR04-35-XX-01 3000K 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: 2019/11/25

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	115	115	115	115	109	109	109	104	104	104	99	99	99	97
1	113	110	108	105	110	108	105	103	103	101	100	99	98	96	95	94	93	91
2	108	103	99	96	105	101	98	95	97	95	92	94	92	90	91	89	87	86
3	103	97	92	89	101	95	91	88	92	89	86	90	87	84	87	85	83	81
4	99	92	87	83	97	90	86	82	88	84	81	86	82	80	83	81	78	77
5	95	87	82	78	93	86	81	77	84	80	76	82	78	75	80	77	75	73
6	91	83	77	74	89	82	77	73	80	76	73	78	75	72	77	74	71	70
7	87	79	74	70	86	78	73	70	77	72	69	75	71	69	74	71	68	67
8	84	76	70	67	83	75	70	66	74	69	66	72	68	66	71	68	65	64
9	81	72	67	64	80	72	67	64	71	66	63	70	66	63	69	65	63	61
10	78	70	64	61	77	69	64	61	68	64	61	67	63	60	66	63	60	59

Unified Glare Rating Table

Lum. Name: TR04-35-XX-01 3000K 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: 2019/11/25

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	13.1	14.1	13.5	14.4	14.8	14.1	15.0	14.5	15.4	15.8
	14.2	15.1	14.7	15.4	15.9	15.0	15.8	15.4	16.2	16.6
	14.9	15.6	15.3	16.0	16.5	15.5	16.3	16.0	16.7	17.1
	15.5	16.2	16.0	16.6	17.1	16.1	16.8	16.5	17.2	17.7
	15.9	16.5	16.3	17.0	17.4	16.4	17.0	16.9	17.5	18.0
	16.2	16.9	16.7	17.3	17.8	16.7	17.3	17.2	17.8	18.3
X=4H    Y=2H	13.5	14.2	13.9	14.6	15.1	14.3	15.1	14.8	15.5	16.0
	14.9	15.5	15.3	15.9	16.4	15.5	16.1	15.9	16.5	17.0
	15.6	16.2	16.1	16.7	17.2	16.2	16.7	16.6	17.2	17.7
	16.5	17.0	17.0	17.5	18.0	16.9	17.4	17.5	17.9	18.4
	16.9	17.4	17.5	17.9	18.4	17.3	17.8	17.9	18.3	18.8
	17.4	17.8	18.0	18.4	18.9	17.8	18.2	18.4	18.7	19.3
X=8H    Y=4H	16.0	16.4	16.5	16.9	17.4	16.4	16.8	16.9	17.3	17.9
	17.0	17.4	17.6	17.9	18.5	17.4	17.7	18.0	18.3	18.9
	17.6	17.9	18.2	18.5	19.1	18.0	18.3	18.6	18.8	19.4
	18.3	18.6	18.9	19.1	19.8	18.6	18.9	19.2	19.4	20.1
X=12H    Y=4H	16.0	16.4	16.5	16.9	17.5	16.4	16.8	17.0	17.3	17.9
	17.2	17.4	17.7	18.0	18.6	17.5	17.8	18.1	18.3	18.9
	17.9	18.1	18.4	18.6	19.3	18.2	18.4	18.7	19.0	19.6
Variations with the objerver position at spacings										
S=1.0H	0.2/-0.2					0.2/-0.2				
S=1.5H	0.4/-0.4					0.3/-0.4				
S=2.0H	0.4/-0.4					0.4/-0.4				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	3.3					3.0				

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	6683.44	6683.44	6683.44	6683.44
γ 1.0	6686.94	6715.21	6671.56	6632.68
γ 2.0	6666.34	6727.71	6644.43	6570.73
γ 3.0	6620.03	6714.40	6601.30	6493.29
γ 4.0	6541.27	6670.16	6535.21	6391.69
γ 5.0	6426.07	6591.78	6445.51	6261.92
γ 6.0	6282.30	6483.55	6323.49	6115.44
γ 7.0	6107.08	6344.34	6167.93	5937.97
γ 8.0	5907.77	6176.48	5981.90	5726.58
γ 9.0	5685.93	5979.21	5769.10	5493.90
γ 10.0	5446.14	5763.75	5533.58	5244.32
γ 11.0	5197.99	5537.07	5292.12	4986.83
γ 12.0	4940.25	5299.31	5041.85	4728.90
γ 13.0	4672.44	5052.38	4781.10	4463.21
γ 14.0	4398.04	4794.97	4510.36	4195.03
γ 15.0	4120.81	4529.42	4233.42	3923.07
γ 16.0	3839.30	4258.26	3956.50	3643.40
γ 17.0	3543.25	3974.50	3678.68	3359.47
γ 18.0	3244.57	3687.46	3395.18	3062.20
γ 19.0	2953.88	3401.77	3102.45	2741.04
γ 20.0	2648.05	3104.33	2792.25	2446.17
γ 21.0	2365.25	2816.23	2502.29	2136.43
γ 22.0	2092.02	2532.93	2194.30	1832.60
γ 23.0	1849.54	2283.59	1906.09	1557.74
γ 24.0	1622.89	2036.62	1644.69	1315.56
γ 25.0	1418.09	1823.01	1411.18	1087.93
γ 26.0	1242.97	1622.75	1199.96	903.14
γ 27.0	1088.14	1447.36	1011.79	744.73
γ 28.0	954.39	1288.71	857.56	623.61
γ 29.0	834.05	1142.69	729.70	528.72
γ 30.0	728.93	1008.66	624.17	449.52
γ 31.0	626.53	881.28	531.65	383.36
γ 32.0	538.16	774.25	452.42	322.15
γ 33.0	463.61	668.67	383.25	274.52
γ 34.0	392.25	569.65	321.09	232.44
γ 35.0	333.01	488.32	272.70	198.96
γ 36.0	283.04	411.17	229.38	171.77
γ 37.0	239.21	343.19	194.34	149.72
γ 38.0	202.09	284.48	165.96	132.33
γ 39.0	171.87	233.93	143.01	119.13
γ 40.0	149.20	193.25	124.85	109.04
γ 41.0	132.67	162.45	111.02	101.48
γ 42.0	120.83	140.05	101.18	95.79
γ 43.0	112.31	124.95	94.04	90.98
γ 44.0	105.60	114.84	88.79	86.95
γ 45.0	99.87	107.49	84.71	83.54
γ 46.0	94.68	101.49	81.42	80.58

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	89.58	95.87	78.57	77.99
γ 48.0	84.48	89.92	76.18	75.52
γ 49.0	80.36	84.24	73.71	73.10
γ 50.0	77.31	80.12	71.01	71.26
γ 51.0	74.72	77.31	69.02	69.84
γ 52.0	72.21	74.67	67.46	68.53
γ 53.0	70.00	72.48	66.22	67.29
γ 54.0	67.83	70.30	64.90	66.21
γ 55.0	65.87	68.24	63.70	64.96
γ 56.0	63.85	66.35	62.53	63.72
γ 57.0	61.74	64.46	61.33	62.24
γ 58.0	59.78	62.17	59.99	60.70
γ 59.0	57.93	59.88	58.52	59.23
γ 60.0	56.05	58.05	57.13	57.80
γ 61.0	54.15	56.14	55.74	56.28
γ 62.0	52.34	54.01	54.20	54.72
γ 63.0	50.64	52.04	52.60	53.13
γ 64.0	48.67	50.22	51.11	51.32
γ 65.0	46.86	48.33	49.42	49.42
γ 66.0	45.01	46.43	47.60	47.59
γ 67.0	43.28	44.55	45.78	45.89
γ 68.0	41.57	42.85	44.07	44.08
γ 69.0	39.86	41.06	42.37	42.38
γ 70.0	38.28	39.31	40.63	40.71
γ 71.0	36.59	37.62	39.02	39.03
γ 72.0	35.03	35.98	37.30	37.40
γ 73.0	33.50	34.41	35.69	35.71
γ 74.0	32.01	32.92	34.15	34.14
γ 75.0	30.51	31.37	32.54	32.54
γ 76.0	28.99	29.83	31.01	31.05
γ 77.0	27.58	28.40	29.50	29.46
γ 78.0	26.22	26.96	27.94	27.95
γ 79.0	24.92	25.60	26.53	26.46
γ 80.0	23.53	24.29	25.10	25.02
γ 81.0	22.27	22.98	23.69	23.56
γ 82.0	21.00	21.71	22.24	22.10
γ 83.0	19.78	20.51	20.97	20.71
γ 84.0	18.62	19.30	19.58	19.33
γ 85.0	17.48	18.14	18.26	18.08
γ 86.0	16.38	17.00	17.09	16.67
γ 87.0	15.34	15.93	15.89	15.38
γ 88.0	14.18	14.85	14.71	13.97
γ 89.0	13.45	13.78	13.58	13.23
γ 90.0	13.28	12.96	12.53	12.96
γ 91.0	13.00	12.71	12.16	12.71
γ 92.0	12.72	12.47	11.95	12.40
γ 93.0	12.48	12.30	11.80	12.26



Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	12.39	12.06	11.54	11.93
γ 95.0	12.11	12.00	11.26	11.83
γ 96.0	11.90	11.68	11.18	11.63
γ 97.0	11.72	11.56	10.97	11.51
γ 98.0	11.57	11.45	10.83	11.30
γ 99.0	11.41	11.23	10.69	11.15
γ 100.0	11.30	11.12	10.60	11.01
γ 101.0	11.11	10.97	10.37	10.93
γ 102.0	10.97	10.84	10.29	10.75
γ 103.0	10.75	10.70	10.19	10.64
γ 104.0	10.68	10.53	10.13	10.49
γ 105.0	10.49	10.42	10.00	10.37
γ 106.0	10.37	10.24	9.88	10.31
γ 107.0	10.31	10.23	9.90	10.27
γ 108.0	10.09	9.97	9.75	10.19
γ 109.0	10.06	9.95	9.76	10.18
γ 110.0	9.91	9.76	9.74	10.07
γ 111.0	9.89	9.81	9.63	10.07
γ 112.0	9.79	9.66	9.66	10.06
γ 113.0	9.77	9.63	9.66	10.10
γ 114.0	9.79	9.52	9.61	10.17
γ 115.0	9.65	9.43	9.77	10.12
γ 116.0	9.59	9.44	9.71	10.18
γ 117.0	9.50	9.44	9.70	10.28
γ 118.0	9.59	9.44	9.89	10.47
γ 119.0	9.77	9.38	9.96	10.51
γ 120.0	9.68	9.43	10.02	10.57
γ 121.0	9.75	9.45	10.15	10.79
γ 122.0	9.89	9.57	10.33	10.98
γ 123.0	9.99	9.62	10.54	11.22
γ 124.0	10.09	9.81	10.71	11.37
γ 125.0	10.35	9.89	10.93	11.67
γ 126.0	10.49	10.11	11.24	11.90
γ 127.0	10.69	10.24	11.44	12.15
γ 128.0	10.95	10.51	11.75	12.57
γ 129.0	11.21	10.79	12.05	12.85
γ 130.0	11.48	11.06	12.30	13.18
γ 131.0	11.95	11.40	12.82	13.63
γ 132.0	12.20	11.65	13.14	14.00
γ 133.0	12.61	12.04	13.61	14.39
γ 134.0	12.95	12.49	14.01	14.86
γ 135.0	13.44	12.84	14.46	15.31
γ 136.0	13.84	13.31	14.98	15.90
γ 137.0	14.36	13.82	15.36	16.33
γ 138.0	14.83	14.21	15.96	16.75
γ 139.0	15.32	14.70	16.44	17.34
γ 140.0	15.90	15.15	16.98	17.80

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	16.43	15.73	17.40	18.35
γ 142.0	16.95	16.23	18.00	18.90
γ 143.0	17.47	16.72	18.58	19.36
γ 144.0	17.98	17.24	19.07	19.85
γ 145.0	18.54	17.75	19.63	20.38
γ 146.0	19.10	18.21	20.06	20.95
γ 147.0	19.57	18.86	20.68	21.40
γ 148.0	20.11	19.23	21.21	21.77
γ 149.0	20.61	19.84	21.70	22.27
γ 150.0	21.14	20.27	22.20	22.73
γ 151.0	21.64	20.80	22.60	23.11
γ 152.0	22.09	21.31	23.08	23.50
γ 153.0	22.58	21.77	23.50	23.87
γ 154.0	22.89	22.15	23.76	24.09
γ 155.0	23.26	22.58	24.26	24.41
γ 156.0	23.64	22.93	24.53	24.71
γ 157.0	23.95	23.26	24.94	24.93
γ 158.0	24.22	23.60	25.15	25.17
γ 159.0	24.49	23.91	25.46	25.29
γ 160.0	24.78	24.12	25.58	25.44
γ 161.0	24.97	24.41	25.81	25.57
γ 162.0	25.06	24.58	25.97	25.60
γ 163.0	25.26	24.82	26.05	25.71
γ 164.0	25.37	24.91	26.12	25.74
γ 165.0	25.46	25.03	26.26	25.76
γ 166.0	25.66	25.20	26.25	25.76
γ 167.0	25.64	25.29	26.24	25.72
γ 168.0	25.72	25.30	26.30	25.74
γ 169.0	25.80	25.40	26.18	25.74
γ 170.0	25.88	25.43	26.22	25.64
γ 171.0	25.87	25.50	26.23	25.67
γ 172.0	26.00	25.67	26.22	25.71
γ 173.0	26.06	25.75	26.22	25.63
γ 174.0	26.10	25.84	26.28	25.73
γ 175.0	26.13	25.94	26.23	25.75
γ 176.0	26.25	25.96	26.30	25.85
γ 177.0	26.33	26.06	26.31	25.91
γ 178.0	26.40	26.10	26.35	25.99
γ 179.0	26.38	26.05	26.29	25.91
γ 180.0	26.28	26.28	26.28	26.28