

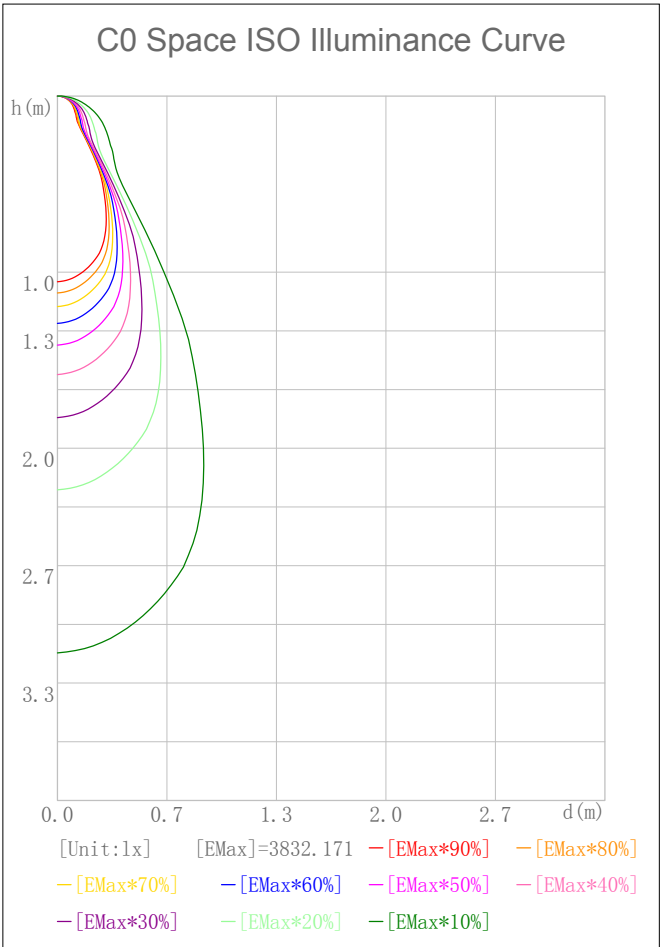
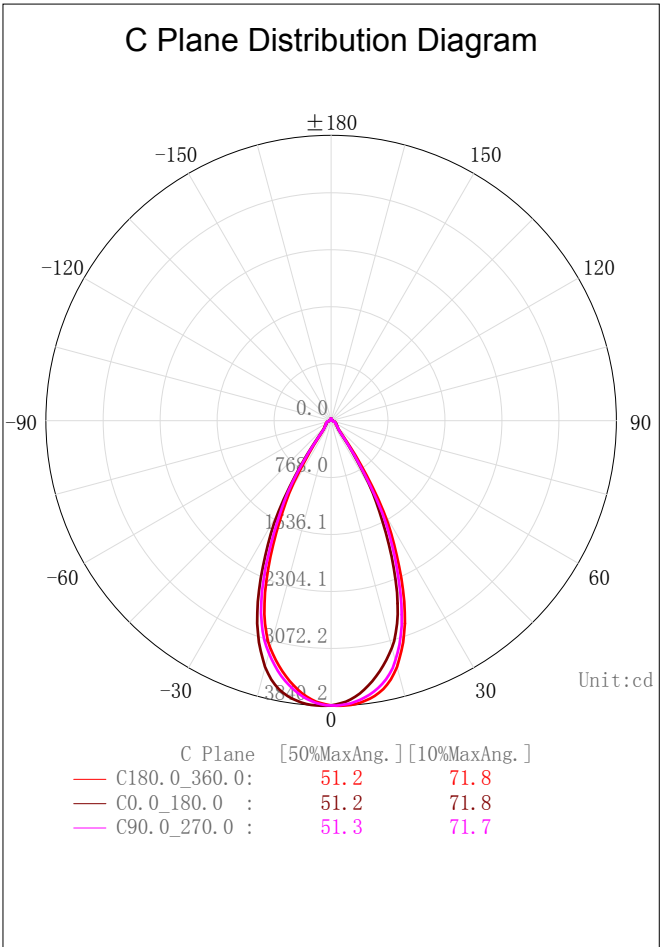
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR04-35-XX-01 3000K RA90 60D	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

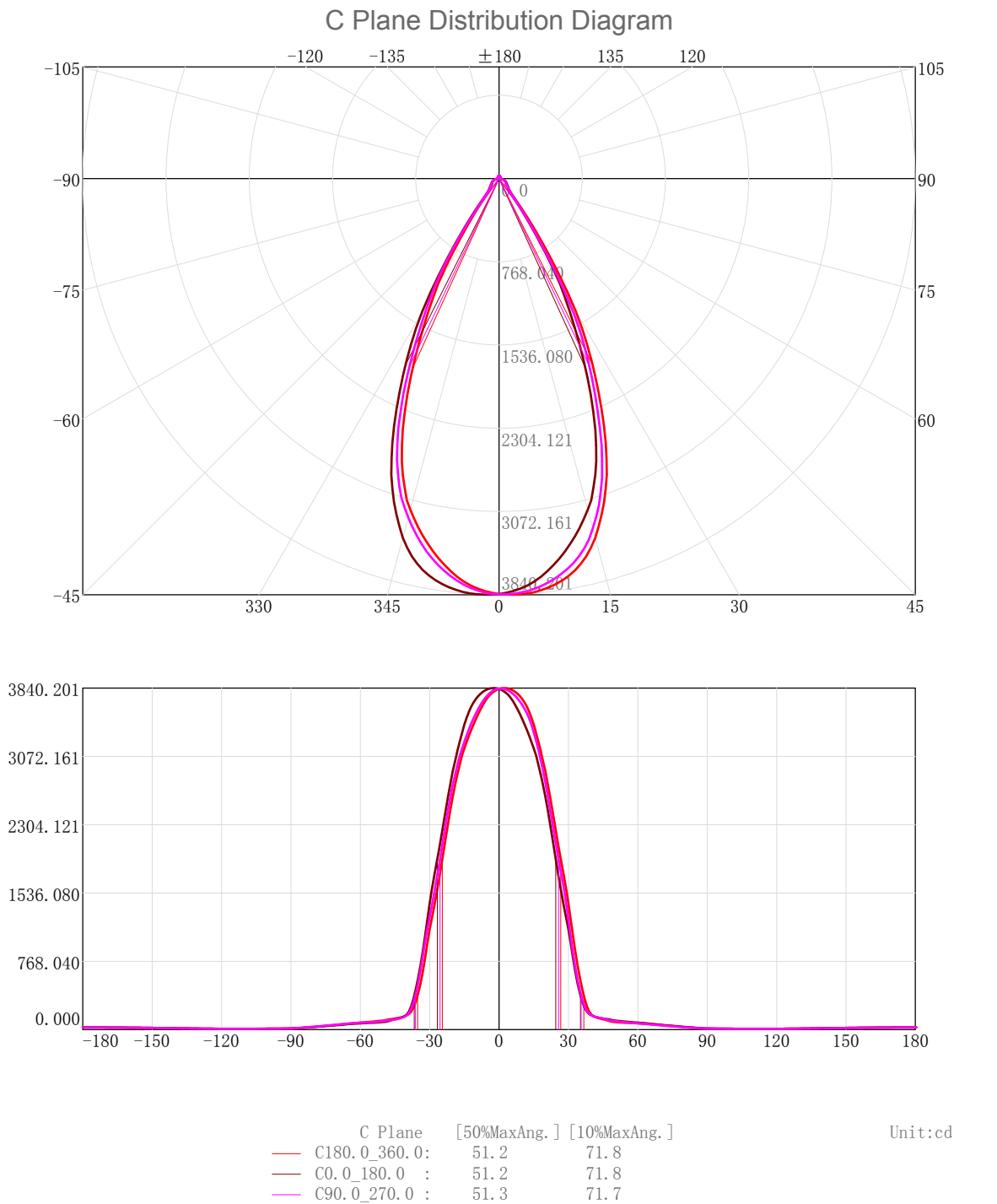
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 2908.590	Luminary Flux(lm): 2908.588	Field Angle(10%Imax): 71.8(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 2820.349lm 96.97%
Rated Voltage(V):	Luminary EER(lm/W): 86.694	Up Lumens&Percent: 88.239lm 3.03%
Tested Power(W): 33.550	Max. Candela(cd): 3840.201	S/MH: C0_a180=0.822 C90_270=0.823
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=2.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf): 240.2, 0.141, 0.988	Beam Angle(50%Imax): 51.2(°)	ErP Φ use(90°): 2596.639lm
Lamp Size (W*L*H): 0.070m*0.070m*0.266m	Left=-24.5°, Right=26.7°	IRF(%): 313.231



2D Plane Light Intensity Distribution Curve

Lum. Name: TR04-35-XX-01 3000K RA90 60D	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



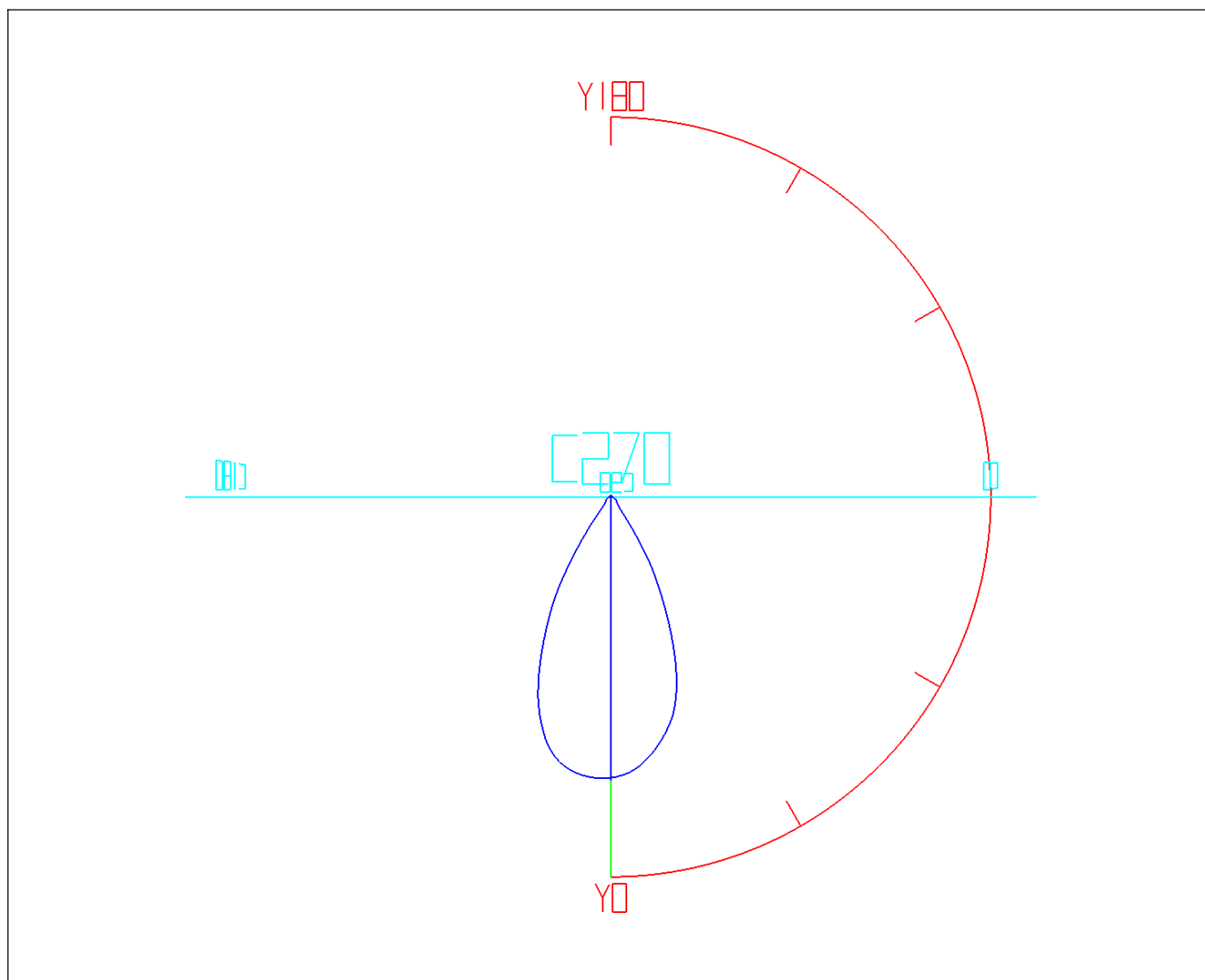
IES Indoor Report

Photometric Filename:TR04-35-XX-01 3000K RA90 60D.IES

3D Light Intensity Distribution Modal

Lum. Name: TR04-35-XX-01 3000K RA90 60D	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

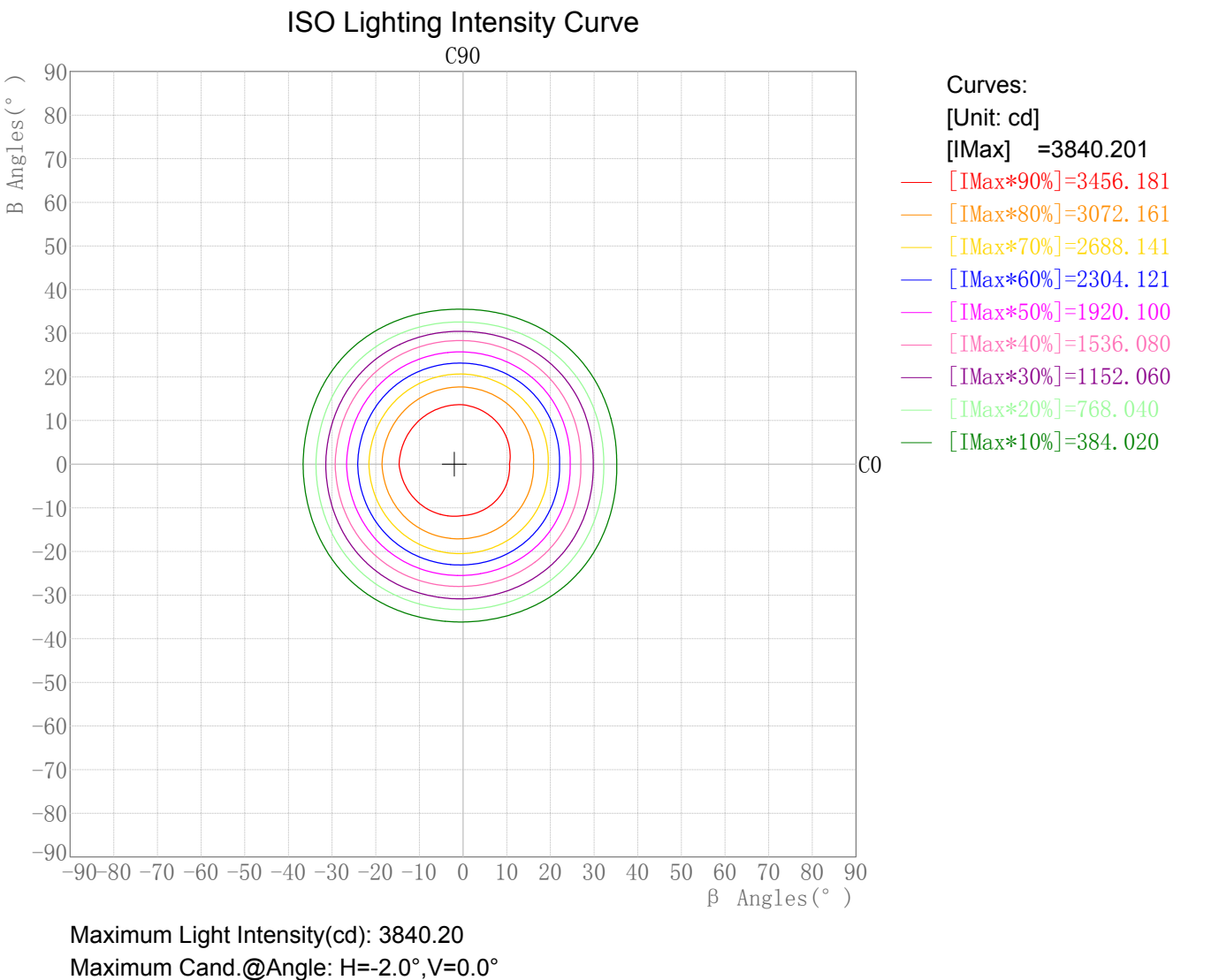
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	3.67	3.67	0.13	0.13	47.0-48.0	8.64	2595.59	0.30	89.24
1.0-2.0	10.99	14.65	0.38	0.50	48.0-49.0	8.36	2603.95	0.29	89.53
2.0-3.0	18.27	32.92	0.63	1.13	49.0-50.0	8.13	2612.08	0.28	89.81
3.0-4.0	25.48	58.40	0.88	2.01	50.0-51.0	7.98	2620.05	0.27	90.08
4.0-5.0	32.60	91.00	1.12	3.13	51.0-52.0	7.88	2627.93	0.27	90.35
5.0-6.0	39.58	130.57	1.36	4.49	52.0-53.0	7.79	2635.72	0.27	90.62
6.0-7.0	46.40	176.97	1.60	6.08	53.0-54.0	7.71	2643.43	0.27	90.88
7.0-8.0	53.04	230.01	1.82	7.91	54.0-55.0	7.63	2651.06	0.26	91.15
8.0-9.0	59.47	289.48	2.04	9.95	55.0-56.0	7.55	2658.61	0.26	91.41
9.0-10.0	65.66	355.14	2.26	12.21	56.0-57.0	7.48	2666.09	0.26	91.66
10.0-11.0	71.57	426.71	2.46	14.67	57.0-58.0	7.40	2673.49	0.25	91.92
11.0-12.0	77.15	503.86	2.65	17.32	58.0-59.0	7.33	2680.82	0.25	92.17
12.0-13.0	82.36	586.22	2.83	20.15	59.0-60.0	7.24	2688.06	0.25	92.42
13.0-14.0	87.16	673.38	3.00	23.15	60.0-61.0	7.14	2695.20	0.25	92.66
14.0-15.0	91.47	764.85	3.14	26.30	61.0-62.0	7.03	2702.23	0.24	92.91
15.0-16.0	95.24	860.10	3.27	29.57	62.0-63.0	6.91	2709.14	0.24	93.14
16.0-17.0	98.42	958.51	3.38	32.95	63.0-64.0	6.77	2715.91	0.23	93.38
17.0-18.0	100.89	1059.40	3.47	36.42	64.0-65.0	6.61	2722.51	0.23	93.60
18.0-19.0	102.61	1162.01	3.53	39.95	65.0-66.0	6.42	2728.93	0.22	93.82
19.0-20.0	103.51	1265.53	3.56	43.51	66.0-67.0	6.21	2735.14	0.21	94.04
20.0-21.0	103.49	1369.02	3.56	47.07	67.0-68.0	6.01	2741.15	0.21	94.24
21.0-22.0	102.55	1471.57	3.53	50.59	68.0-69.0	5.81	2746.96	0.20	94.44
22.0-23.0	100.69	1572.26	3.46	54.06	69.0-70.0	5.60	2752.57	0.19	94.64
23.0-24.0	98.16	1670.41	3.37	57.43	70.0-71.0	5.40	2757.96	0.19	94.82
24.0-25.0	95.01	1765.42	3.27	60.70	71.0-72.0	5.19	2763.15	0.18	95.00
25.0-26.0	91.23	1856.65	3.14	63.83	72.0-73.0	4.97	2768.12	0.17	95.17
26.0-27.0	87.14	1943.79	3.00	66.83	73.0-74.0	4.75	2772.87	0.16	95.33
27.0-28.0	82.74	2026.53	2.84	69.67	74.0-75.0	4.54	2777.41	0.16	95.49
28.0-29.0	77.88	2104.41	2.68	72.35	75.0-76.0	4.32	2781.73	0.15	95.64
29.0-30.0	72.26	2176.67	2.48	74.84	76.0-77.0	4.10	2785.84	0.14	95.78
30.0-31.0	65.60	2242.27	2.26	77.09	77.0-78.0	3.89	2789.72	0.13	95.91
31.0-32.0	57.90	2300.17	1.99	79.08	78.0-79.0	3.67	2793.39	0.13	96.04
32.0-33.0	49.69	2349.86	1.71	80.79	79.0-80.0	3.46	2796.85	0.12	96.16
33.0-34.0	41.64	2391.50	1.43	82.22	80.0-81.0	3.24	2800.10	0.11	96.27
34.0-35.0	34.06	2425.56	1.17	83.39	81.0-82.0	3.04	2803.13	0.10	96.37
35.0-36.0	27.28	2452.84	0.94	84.33	82.0-83.0	2.83	2805.97	0.10	96.47
36.0-37.0	21.63	2474.47	0.74	85.07	83.0-84.0	2.63	2808.60	0.09	96.56
37.0-38.0	17.21	2491.68	0.59	85.67	84.0-85.0	2.43	2811.02	0.08	96.65
38.0-39.0	14.09	2505.77	0.48	86.15	85.0-86.0	2.23	2813.25	0.08	96.72
39.0-40.0	12.17	2517.94	0.42	86.57	86.0-87.0	2.03	2815.29	0.07	96.79
40.0-41.0	11.09	2529.03	0.38	86.95	87.0-88.0	1.85	2817.13	0.06	96.86
41.0-42.0	10.46	2539.49	0.36	87.31	88.0-89.0	1.67	2818.81	0.06	96.91
42.0-43.0	10.04	2549.53	0.35	87.66	89.0-90.0	1.54	2820.35	0.05	96.97
43.0-44.0	9.73	2559.26	0.33	87.99	90.0-91.0	1.48	2821.83	0.05	97.02
44.0-45.0	9.49	2568.75	0.33	88.32	91.0-92.0	1.45	2823.28	0.05	97.07
45.0-46.0	9.24	2577.99	0.32	88.63	92.0-93.0	1.42	2824.70	0.05	97.12
46.0-47.0	8.95	2586.95	0.31	88.94	93.0-94.0	1.39	2826.09	0.05	97.16

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	1.37	2827.46	0.05	97.21	141.0-142.0	1.17	2880.04	0.04	99.02
95.0-96.0	1.34	2828.80	0.05	97.26	142.0-143.0	1.17	2881.21	0.04	99.06
96.0-97.0	1.32	2830.12	0.05	97.30	143.0-144.0	1.17	2882.38	0.04	99.10
97.0-98.0	1.29	2831.41	0.04	97.35	144.0-145.0	1.16	2883.54	0.04	99.14
98.0-99.0	1.28	2832.69	0.04	97.39	145.0-146.0	1.16	2884.70	0.04	99.18
99.0-100.0	1.25	2833.94	0.04	97.43	146.0-147.0	1.15	2885.85	0.04	99.22
100.0-101.0	1.23	2835.17	0.04	97.48	147.0-148.0	1.15	2887.00	0.04	99.26
101.0-102.0	1.21	2836.39	0.04	97.52	148.0-149.0	1.14	2888.13	0.04	99.30
102.0-103.0	1.19	2837.58	0.04	97.56	149.0-150.0	1.13	2889.26	0.04	99.34
103.0-104.0	1.17	2838.75	0.04	97.60	150.0-151.0	1.11	2890.37	0.04	99.37
104.0-105.0	1.16	2839.91	0.04	97.64	151.0-152.0	1.10	2891.47	0.04	99.41
105.0-106.0	1.14	2841.04	0.04	97.68	152.0-153.0	1.08	2892.54	0.04	99.45
106.0-107.0	1.12	2842.16	0.04	97.72	153.0-154.0	1.05	2893.60	0.04	99.48
107.0-108.0	1.10	2843.27	0.04	97.75	154.0-155.0	1.03	2894.63	0.04	99.52
108.0-109.0	1.09	2844.36	0.04	97.79	155.0-156.0	1.01	2895.64	0.03	99.55
109.0-110.0	1.08	2845.43	0.04	97.83	156.0-157.0	0.98	2896.61	0.03	99.59
110.0-111.0	1.06	2846.50	0.04	97.87	157.0-158.0	0.95	2897.56	0.03	99.62
111.0-112.0	1.05	2847.55	0.04	97.90	158.0-159.0	0.92	2898.48	0.03	99.65
112.0-113.0	1.04	2848.59	0.04	97.94	159.0-160.0	0.89	2899.37	0.03	99.68
113.0-114.0	1.03	2849.63	0.04	97.97	160.0-161.0	0.85	2900.22	0.03	99.71
114.0-115.0	1.03	2850.66	0.04	98.01	161.0-162.0	0.82	2901.04	0.03	99.74
115.0-116.0	1.03	2851.69	0.04	98.04	162.0-163.0	0.78	2901.82	0.03	99.77
116.0-117.0	1.02	2852.71	0.04	98.08	163.0-164.0	0.74	2902.56	0.03	99.79
117.0-118.0	1.02	2853.73	0.04	98.11	164.0-165.0	0.70	2903.26	0.02	99.82
118.0-119.0	1.02	2854.76	0.04	98.15	165.0-166.0	0.66	2903.93	0.02	99.84
119.0-120.0	1.02	2855.78	0.04	98.18	166.0-167.0	0.62	2904.55	0.02	99.86
120.0-121.0	1.03	2856.81	0.04	98.22	167.0-168.0	0.58	2905.13	0.02	99.88
121.0-122.0	1.03	2857.84	0.04	98.26	168.0-169.0	0.54	2905.67	0.02	99.90
122.0-123.0	1.04	2858.87	0.04	98.29	169.0-170.0	0.50	2906.17	0.02	99.92
123.0-124.0	1.04	2859.92	0.04	98.33	170.0-171.0	0.45	2906.62	0.02	99.93
124.0-125.0	1.05	2860.97	0.04	98.36	171.0-172.0	0.41	2907.03	0.01	99.95
125.0-126.0	1.06	2862.02	0.04	98.40	172.0-173.0	0.36	2907.39	0.01	99.96
126.0-127.0	1.06	2863.09	0.04	98.44	173.0-174.0	0.31	2907.71	0.01	99.97
127.0-128.0	1.07	2864.16	0.04	98.47	174.0-175.0	0.27	2907.98	0.01	99.98
128.0-129.0	1.08	2865.24	0.04	98.51	175.0-176.0	0.22	2908.20	0.01	99.99
129.0-130.0	1.09	2866.33	0.04	98.55	176.0-177.0	0.17	2908.37	0.01	99.99
130.0-131.0	1.10	2867.43	0.04	98.58	177.0-178.0	0.12	2908.49	0.00	100.00
131.0-132.0	1.11	2868.54	0.04	98.62	178.0-179.0	0.07	2908.56	0.00	100.00
132.0-133.0	1.12	2869.66	0.04	98.66	179.0-180.0	0.02	2908.59	0.00	100.00
133.0-134.0	1.13	2870.79	0.04	98.70					
134.0-135.0	1.14	2871.93	0.04	98.74					
135.0-136.0	1.14	2873.07	0.04	98.78					
136.0-137.0	1.15	2874.22	0.04	98.82					
137.0-138.0	1.16	2875.38	0.04	98.86					
138.0-139.0	1.16	2876.54	0.04	98.90					
139.0-140.0	1.16	2877.70	0.04	98.94					
140.0-141.0	1.17	2878.87	0.04	98.98					

Rectangle ISO Lighting Intensity Diagram

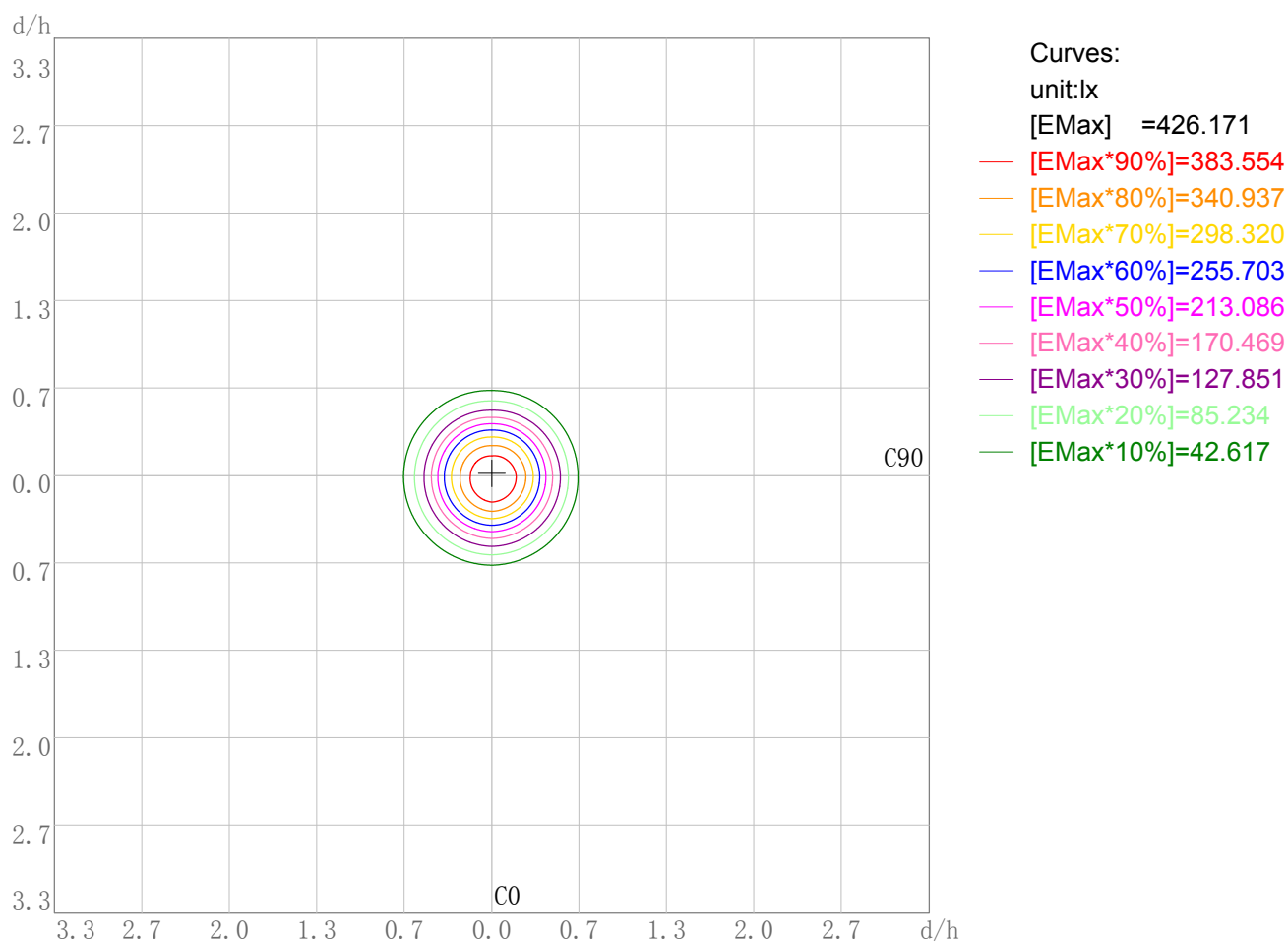
Lum. Name: TR04-35-XX-01 3000K RA90 60D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/25



Plane ISO-Illuminance Diagram

Lum. Name: TR04-35-XX-01 3000K RA90 60D	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



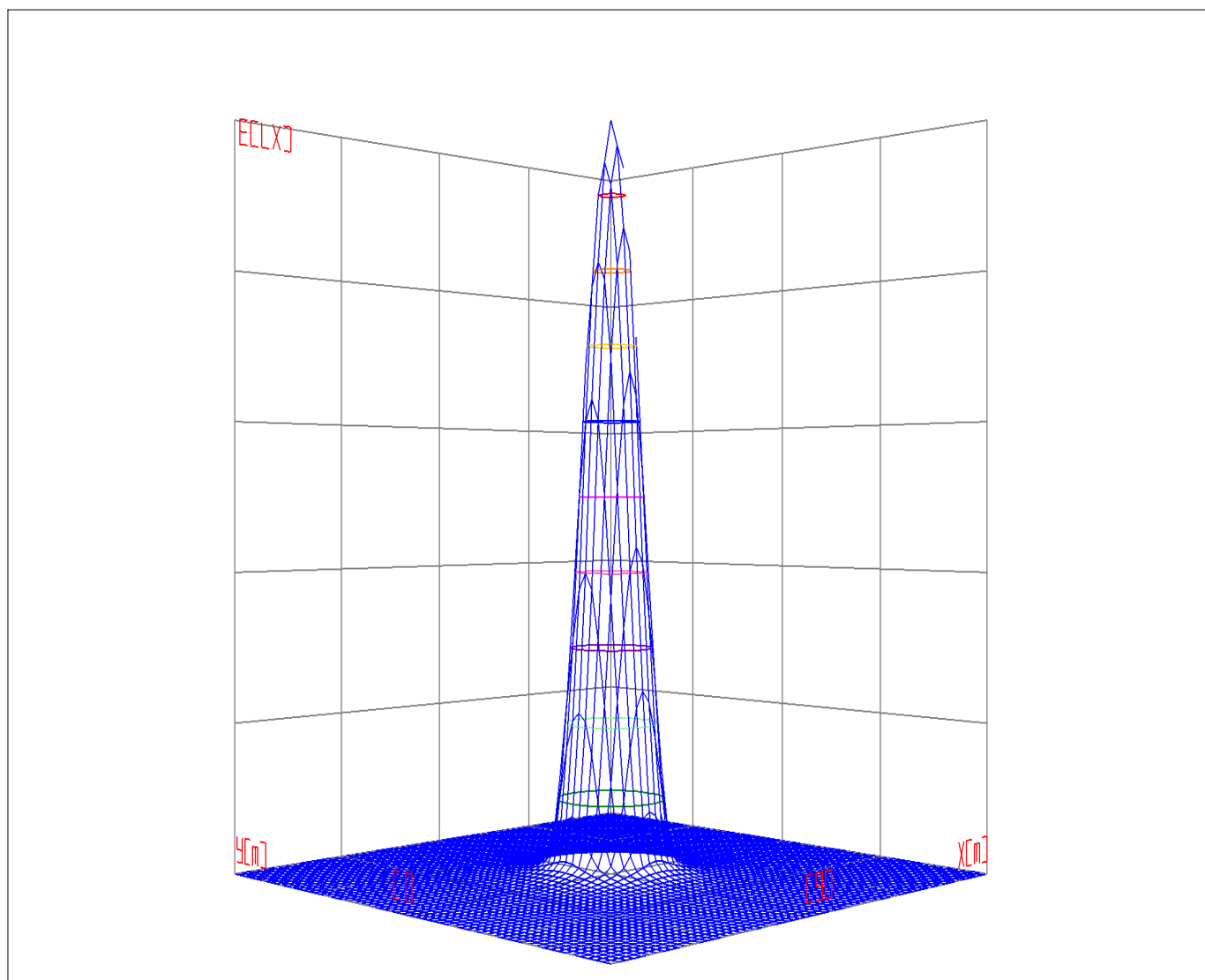
IES Indoor Report

Photometric Filename:TR04-35-XX-01 3000K RA90 60D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: TR04-35-XX-01 3000K RA90 60D	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

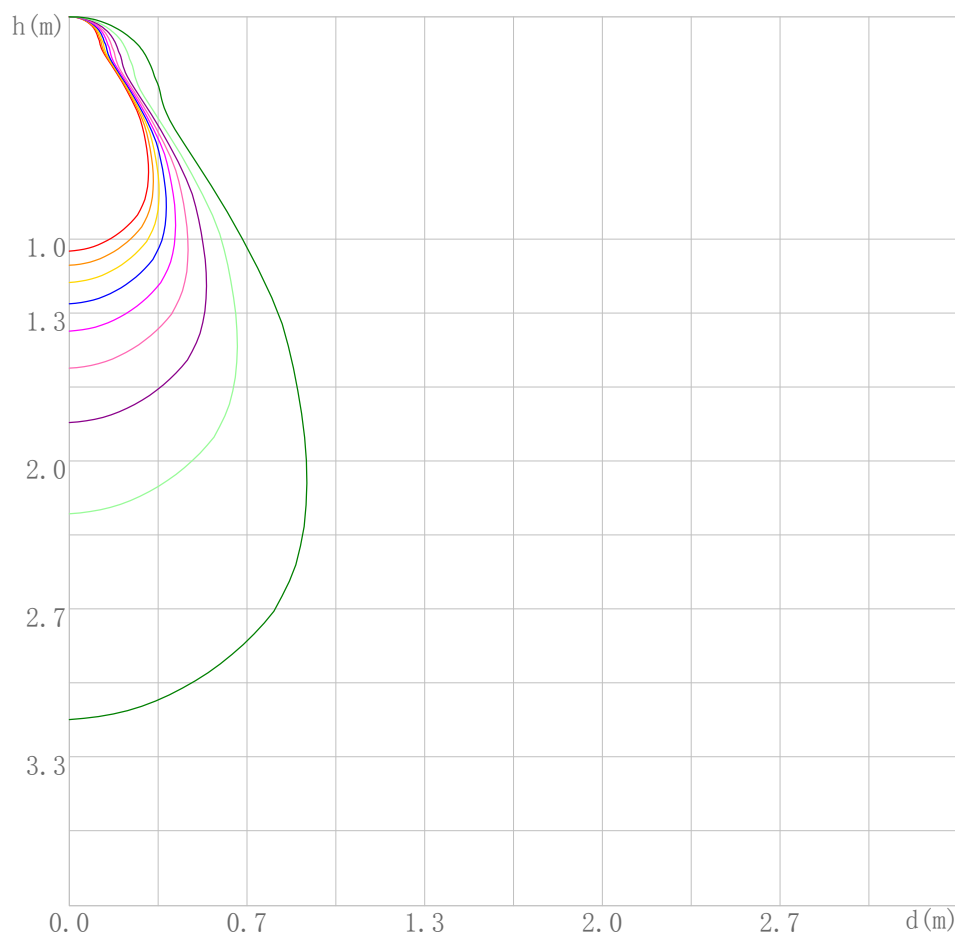


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: TR04-35-XX-01 3000K RA90 60D	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] =3832.171

— [EMax*90%]=3448.954

— [EMax*80%]=3065.737

— [EMax*70%]=2682.520

— [EMax*60%]=2299.303

— [EMax*50%]=1916.085

— [EMax*40%]=1532.868

— [EMax*30%]=1149.651

— [EMax*20%]=766.434

— [EMax*10%]=383.217

Space Plane Maximum Illuminance and @Angle:3832.17lx,0.0deg

Plane Maximum Lighting Intensity and @Angle:3832.171cd,0deg

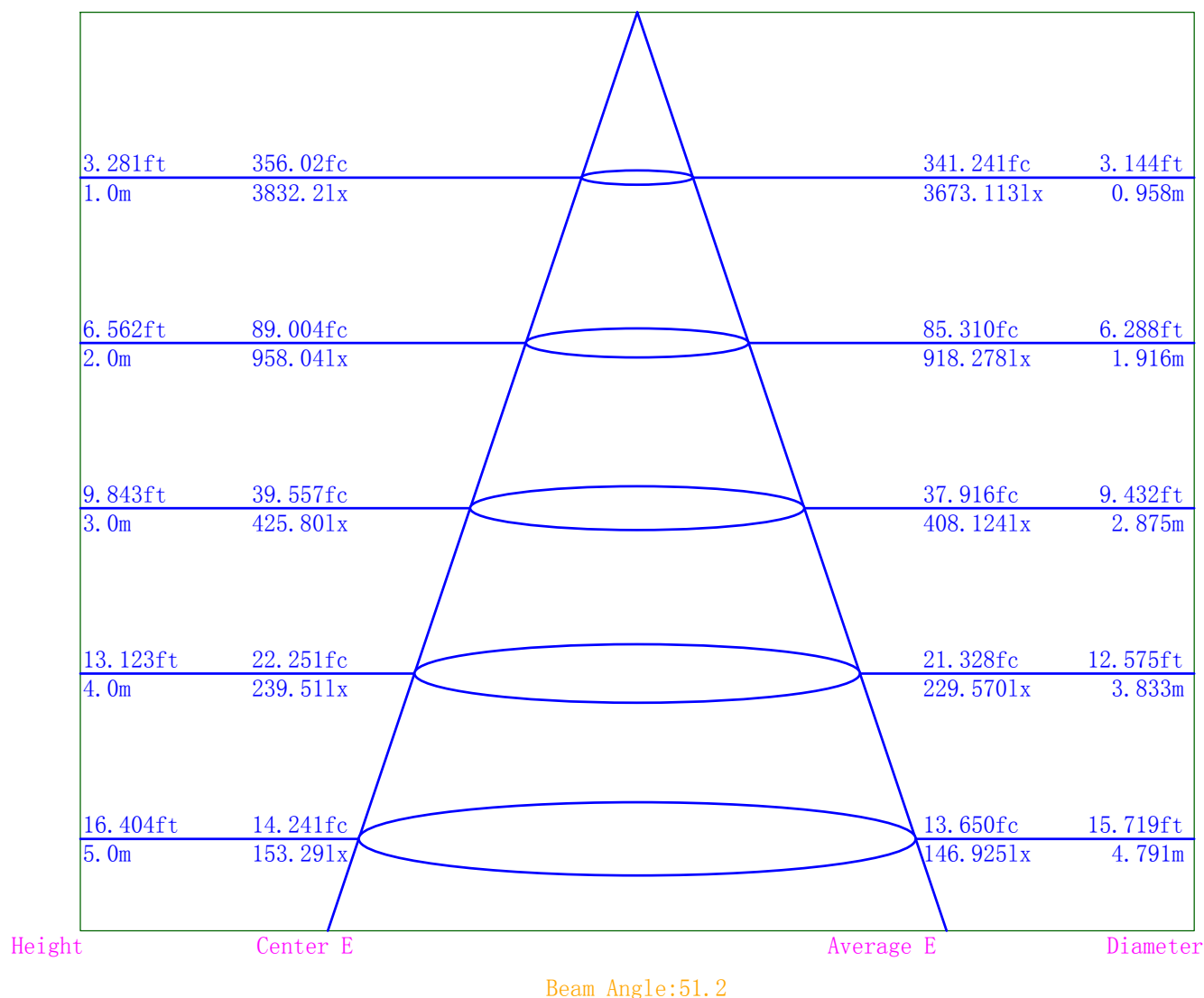
IES Indoor Report

Photometric Filename:TR04-35-XX-01 3000K RA90 60D.IES

Illuminance-Distance Diagram

Lum. Name: TR04-35-XX-01 3000K RA90 60D	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



Indoor Luminance Limiting Curves

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

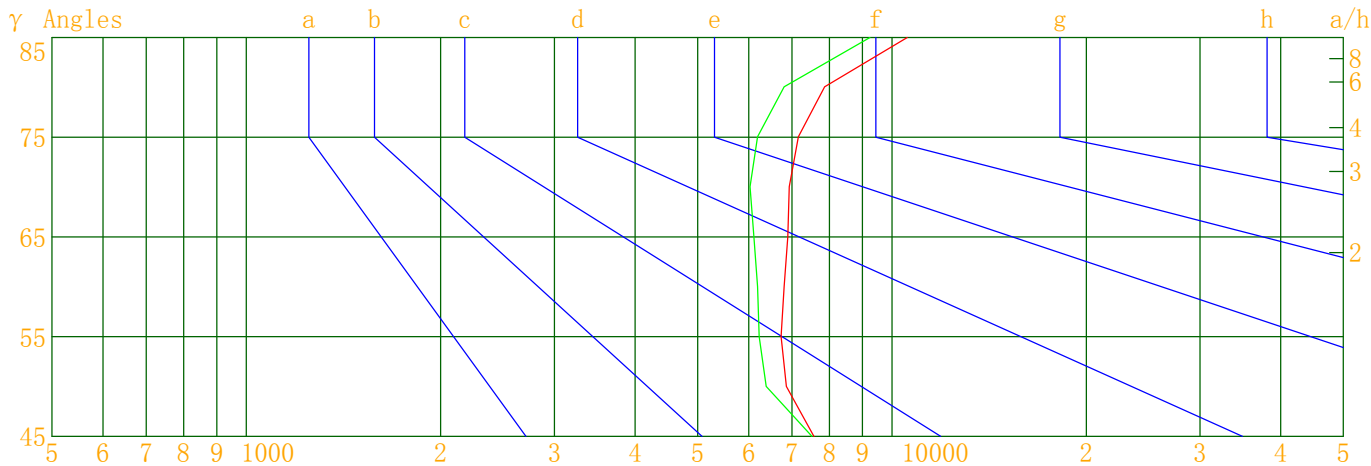
Glare Grade Table

Table with 10 columns: GI, Quality, and 8 columns for Using Illuminance (a-h).

Luminance Table

Table with 10 columns: Gama(deg), and 9 columns for C0, C90 luminance values at different angles.

Luminance Limiting Curve



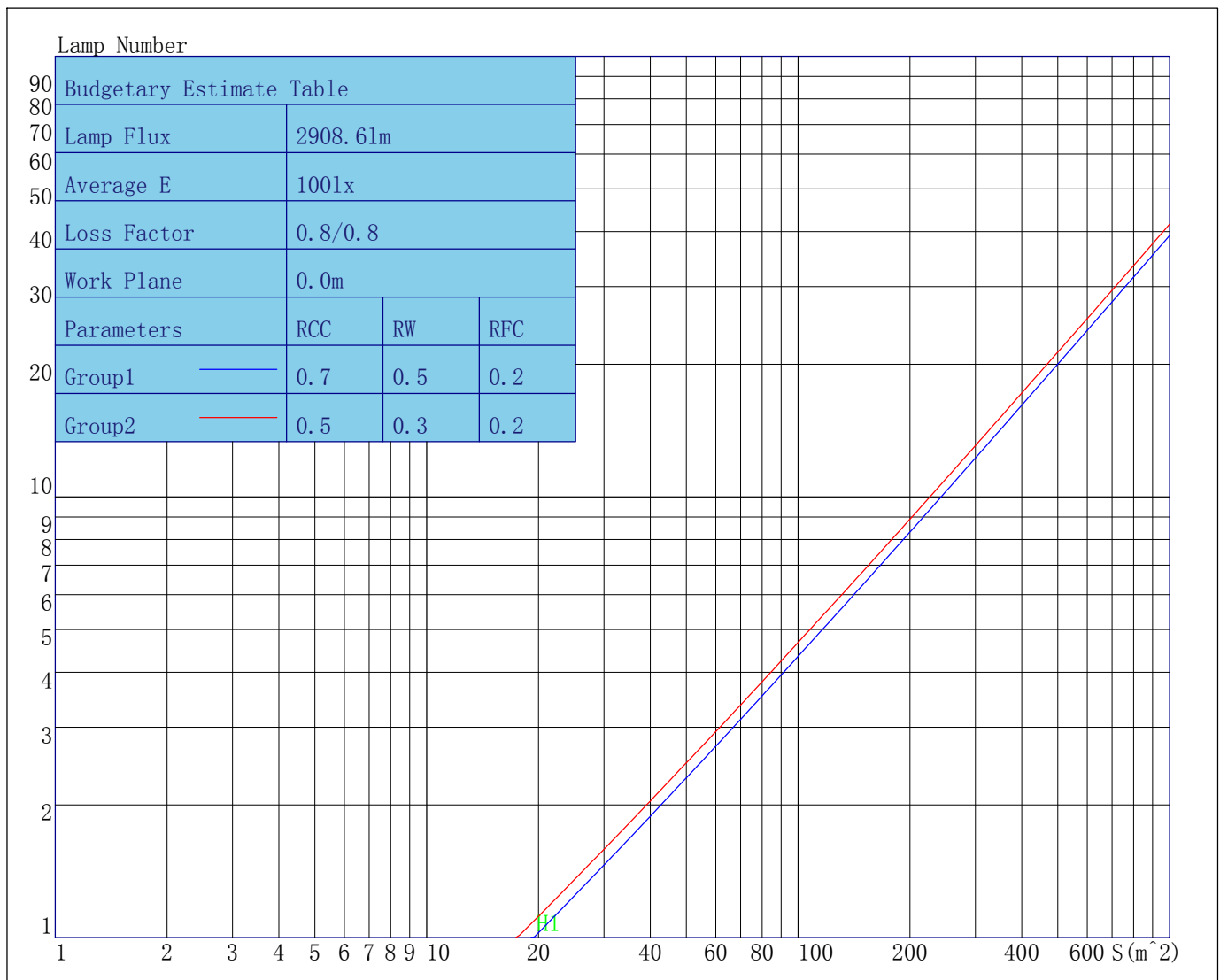
Luminous Size: Length(m)=0.070 Width(m)=0.070 Height(m)=0.266 Area(m^2)=0.023520
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: C90-C270 Color:

IES Indoor Report

Photometric Filename:TR04-35-XX-01 3000K RA90 60D.IES

Indoor Budgetary Estimate Table

Lum. Name: TR04-35-XX-01 3000K RA90 60D	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

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 2 main sections: 'Coefficients of Utilization - Zonal Cavity Method' and 'Coefficient of Utilization(%)'. The first section includes RhoCC, RhoW, and RCR values. The second section is a grid of utilization coefficients for different RCR and Rho values.

Unified Glare Rating Table

Lum. Name: TR04-35-XX-01 3000K RA90 60D	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: 2019/11/25

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	15.3	16.2	15.7	16.6	17.0	15.2	16.2	15.6	16.5	16.9
	16.5	17.4	16.9	17.8	18.2	16.2	17.1	16.6	17.5	17.9
	17.1	18.0	17.6	18.4	18.8	16.7	17.5	17.2	18.0	18.4
	17.8	18.5	18.3	19.0	19.4	17.3	18.0	17.8	18.5	18.9
	18.1	18.8	18.6	19.3	19.7	17.6	18.2	18.0	18.7	19.2
	18.4	19.1	18.9	19.5	20.0	17.8	18.5	18.3	18.9	19.5
X=4H Y=2H	15.6	16.4	16.1	16.9	17.3	15.5	16.3	16.0	16.7	17.2
	17.1	17.8	17.6	18.3	18.8	16.8	17.4	17.3	17.9	18.4
	18.0	18.5	18.4	19.0	19.6	17.5	18.1	18.0	18.6	19.1
	18.8	19.3	19.3	19.8	20.3	18.2	18.7	18.8	19.2	19.8
	19.2	19.6	19.7	20.2	20.7	18.6	19.1	19.1	19.6	20.1
	19.6	20.0	20.1	20.5	21.1	19.0	19.4	19.5	19.9	20.5
X=8H Y=4H	18.2	18.7	18.8	19.2	19.8	17.8	18.3	18.3	18.8	19.3
	19.3	19.6	19.8	20.2	20.8	18.7	19.1	19.3	19.7	20.2
	19.8	20.1	20.4	20.7	21.3	19.2	19.5	19.8	20.1	20.7
	20.4	20.7	21.0	21.2	21.9	19.8	20.1	20.3	20.6	21.3
X=12H Y=4H	18.3	18.7	18.8	19.2	19.8	17.8	18.2	18.4	18.8	19.3
	19.4	19.7	20.0	20.2	20.8	18.8	19.2	19.4	19.7	20.3
	20.0	20.3	20.6	20.8	21.5	19.4	19.7	20.0	20.2	20.9
Variations with the objerver position at spacings										
S=1.0H	0.2/−0.2					0.3/−0.3				
S=1.5H	0.4/−0.5					0.5/−0.5				
S=2.0H	0.5/−0.6					0.5/−0.6				
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	3832.17	3832.17	3832.17	3832.17
γ 1.0	3821.06	3834.74	3837.29	3830.40
γ 2.0	3805.90	3831.21	3840.20	3819.94
γ 3.0	3787.25	3823.42	3838.77	3804.59
γ 4.0	3762.25	3812.90	3835.47	3784.49
γ 5.0	3730.92	3796.12	3827.17	3758.45
γ 6.0	3693.75	3775.65	3813.78	3727.75
γ 7.0	3649.37	3751.76	3797.12	3692.43
γ 8.0	3601.21	3723.74	3776.08	3651.59
γ 9.0	3550.16	3690.51	3750.86	3606.76
γ 10.0	3494.22	3653.01	3719.00	3557.06
γ 11.0	3434.24	3609.55	3680.12	3502.97
γ 12.0	3371.71	3558.38	3632.21	3442.29
γ 13.0	3305.33	3498.91	3575.04	3377.17
γ 14.0	3235.27	3430.07	3506.92	3308.64
γ 15.0	3162.33	3340.88	3430.50	3236.22
γ 16.0	3086.19	3249.54	3335.36	3159.39
γ 17.0	2979.98	3150.99	3239.00	3079.16
γ 18.0	2873.26	3036.72	3137.50	2979.33
γ 19.0	2756.13	2919.28	3021.85	2867.09
γ 20.0	2618.61	2779.12	2906.09	2754.47
γ 21.0	2478.08	2639.94	2766.31	2615.90
γ 22.0	2320.39	2484.07	2627.86	2479.63
γ 23.0	2164.34	2327.64	2475.54	2316.10
γ 24.0	2003.12	2176.81	2325.52	2168.69
γ 25.0	1843.40	2029.05	2169.08	1997.63
γ 26.0	1681.65	1878.07	2019.26	1840.63
γ 27.0	1531.37	1735.02	1873.56	1687.36
γ 28.0	1389.54	1590.59	1728.28	1536.66
γ 29.0	1256.97	1423.77	1583.86	1397.40
γ 30.0	1127.37	1235.80	1417.02	1263.24
γ 31.0	971.61	1044.74	1235.03	1134.17
γ 32.0	803.07	859.29	1051.16	985.69
γ 33.0	648.05	698.72	878.59	821.64
γ 34.0	517.29	558.90	719.36	661.30
γ 35.0	402.07	433.92	574.88	519.11
γ 36.0	311.38	334.08	452.58	399.07
γ 37.0	245.87	260.39	345.40	304.05
γ 38.0	202.01	209.55	260.94	234.21
γ 39.0	176.04	179.60	202.75	186.45
γ 40.0	160.45	162.84	168.46	159.03
γ 41.0	149.64	152.07	149.61	143.56
γ 42.0	141.61	143.32	138.48	133.26
γ 43.0	135.29	136.68	130.11	125.38
γ 44.0	130.23	130.97	123.48	119.46
γ 45.0	125.88	125.06	117.60	115.00
γ 46.0	121.75	117.84	111.12	111.05

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	117.87	109.97	103.35	107.59
γ 48.0	113.19	103.37	95.61	104.42
γ 49.0	107.62	99.52	89.76	100.41
γ 50.0	103.72	96.52	86.65	95.62
γ 51.0	100.92	93.84	84.46	92.39
γ 52.0	98.31	91.21	82.66	90.37
γ 53.0	95.78	88.62	81.01	88.40
γ 54.0	93.28	86.29	79.47	86.73
γ 55.0	90.86	83.99	78.12	85.06
γ 56.0	88.53	81.60	76.83	83.53
γ 57.0	86.29	79.39	75.65	82.27
γ 58.0	84.17	77.28	74.39	80.88
γ 59.0	82.19	75.11	73.21	79.54
γ 60.0	80.07	72.83	71.79	78.27
γ 61.0	77.94	70.41	70.36	76.85
γ 62.0	75.82	68.25	68.62	75.33
γ 63.0	73.66	65.96	66.90	73.75
γ 64.0	71.24	63.36	65.20	71.96
γ 65.0	68.57	60.74	63.02	69.78
γ 66.0	65.96	58.11	60.73	67.43
γ 67.0	63.23	55.63	58.38	64.84
γ 68.0	60.66	53.29	56.22	62.34
γ 69.0	58.30	50.85	53.86	60.00
γ 70.0	55.76	48.50	51.59	57.63
γ 71.0	53.26	46.32	49.29	55.29
γ 72.0	50.80	44.09	47.03	52.82
γ 73.0	48.31	41.95	44.85	50.32
γ 74.0	45.91	39.80	42.68	47.89
γ 75.0	43.60	37.69	40.47	45.60
γ 76.0	41.14	35.59	38.27	43.22
γ 77.0	38.81	33.67	36.15	40.88
γ 78.0	36.59	31.63	34.15	38.50
γ 79.0	34.31	29.74	32.20	36.27
γ 80.0	32.12	27.80	30.16	34.03
γ 81.0	29.89	26.00	28.16	31.81
γ 82.0	27.78	24.25	26.38	29.72
γ 83.0	25.73	22.52	24.57	27.56
γ 84.0	23.74	20.70	22.80	25.51
γ 85.0	21.65	18.95	21.00	23.52
γ 86.0	19.67	17.36	19.32	21.62
γ 87.0	17.65	15.69	17.72	19.65
γ 88.0	15.85	14.29	16.11	17.77
γ 89.0	14.26	13.20	14.56	16.01
γ 90.0	13.93	12.94	13.38	14.37
γ 91.0	13.56	12.77	13.09	13.98
γ 92.0	13.23	12.58	12.82	13.66
γ 93.0	13.09	12.36	12.61	13.41

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	12.76	12.10	12.36	13.08
γ 95.0	12.62	11.92	12.19	12.87
γ 96.0	12.35	11.80	12.02	12.69
γ 97.0	12.14	11.62	11.77	12.42
γ 98.0	11.99	11.36	11.73	12.26
γ 99.0	11.83	11.27	11.51	12.16
γ 100.0	11.59	11.07	11.39	11.92
γ 101.0	11.46	10.97	11.24	11.74
γ 102.0	11.23	10.82	11.16	11.64
γ 103.0	11.08	10.69	10.98	11.49
γ 104.0	10.99	10.51	10.89	11.45
γ 105.0	10.79	10.48	10.72	11.24
γ 106.0	10.65	10.26	10.68	11.16
γ 107.0	10.65	10.22	10.58	11.02
γ 108.0	10.46	10.20	10.44	10.89
γ 109.0	10.32	10.00	10.45	10.90
γ 110.0	10.38	9.98	10.42	10.80
γ 111.0	10.21	9.91	10.33	10.83
γ 112.0	10.18	9.98	10.37	10.81
γ 113.0	10.11	9.90	10.32	10.74
γ 114.0	10.16	9.90	10.39	10.77
γ 115.0	10.28	9.94	10.41	10.78
γ 116.0	10.25	10.01	10.47	10.86
γ 117.0	10.35	10.04	10.54	10.97
γ 118.0	10.45	10.22	10.58	11.04
γ 119.0	10.55	10.26	10.74	11.11
γ 120.0	10.62	10.39	10.82	11.28
γ 121.0	10.72	10.61	10.98	11.38
γ 122.0	10.96	10.73	11.19	11.51
γ 123.0	11.20	10.94	11.36	11.75
γ 124.0	11.40	11.19	11.51	11.95
γ 125.0	11.69	11.37	11.78	12.07
γ 126.0	11.80	11.58	11.99	12.38
γ 127.0	12.14	11.80	12.24	12.62
γ 128.0	12.36	12.05	12.52	12.88
γ 129.0	12.71	12.46	12.81	13.16
γ 130.0	12.89	12.64	13.13	13.43
γ 131.0	13.26	12.97	13.39	13.75
γ 132.0	13.60	13.32	13.73	14.10
γ 133.0	13.94	13.64	14.13	14.42
γ 134.0	14.28	13.93	14.36	14.76
γ 135.0	14.66	14.25	14.76	15.16
γ 136.0	14.96	14.64	15.14	15.44
γ 137.0	15.40	15.04	15.47	15.82
γ 138.0	15.76	15.39	15.86	16.16
γ 139.0	16.19	15.77	16.25	16.50
γ 140.0	16.47	16.11	16.63	16.92

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	16.86	16.55	16.93	17.34
γ 142.0	17.30	16.91	17.41	17.72
γ 143.0	17.74	17.31	17.73	18.08
γ 144.0	18.08	17.67	18.14	18.39
γ 145.0	18.53	18.08	18.54	18.74
γ 146.0	18.85	18.47	18.96	19.16
γ 147.0	19.35	18.82	19.26	19.57
γ 148.0	19.63	19.26	19.72	19.91
γ 149.0	20.12	19.65	20.10	20.33
γ 150.0	20.40	19.98	20.58	20.69
γ 151.0	20.79	20.36	20.91	21.03
γ 152.0	21.12	20.66	21.23	21.36
γ 153.0	21.44	20.98	21.62	21.62
γ 154.0	21.67	21.34	21.93	21.86
γ 155.0	21.99	21.63	22.28	22.17
γ 156.0	22.22	21.82	22.47	22.41
γ 157.0	22.44	22.15	22.75	22.63
γ 158.0	22.61	22.40	22.97	22.84
γ 159.0	22.87	22.61	23.24	23.03
γ 160.0	23.17	22.85	23.43	23.24
γ 161.0	23.32	23.11	23.62	23.48
γ 162.0	23.50	23.41	23.90	23.60
γ 163.0	23.68	23.48	24.04	23.75
γ 164.0	23.98	23.69	24.16	24.00
γ 165.0	24.12	23.91	24.35	24.05
γ 166.0	24.27	24.07	24.59	24.31
γ 167.0	24.45	24.30	24.68	24.47
γ 168.0	24.57	24.41	24.78	24.58
γ 169.0	24.82	24.67	25.02	24.70
γ 170.0	24.94	24.87	25.09	24.87
γ 171.0	25.08	24.98	25.19	24.96
γ 172.0	25.23	25.13	25.40	25.16
γ 173.0	25.36	25.24	25.43	25.31
γ 174.0	25.38	25.35	25.60	25.31
γ 175.0	25.54	25.46	25.61	25.38
γ 176.0	25.67	25.53	25.69	25.49
γ 177.0	25.74	25.62	25.79	25.59
γ 178.0	25.79	25.66	25.83	25.62
γ 179.0	25.82	25.73	25.81	25.68
γ 180.0	25.80	25.80	25.80	25.80