

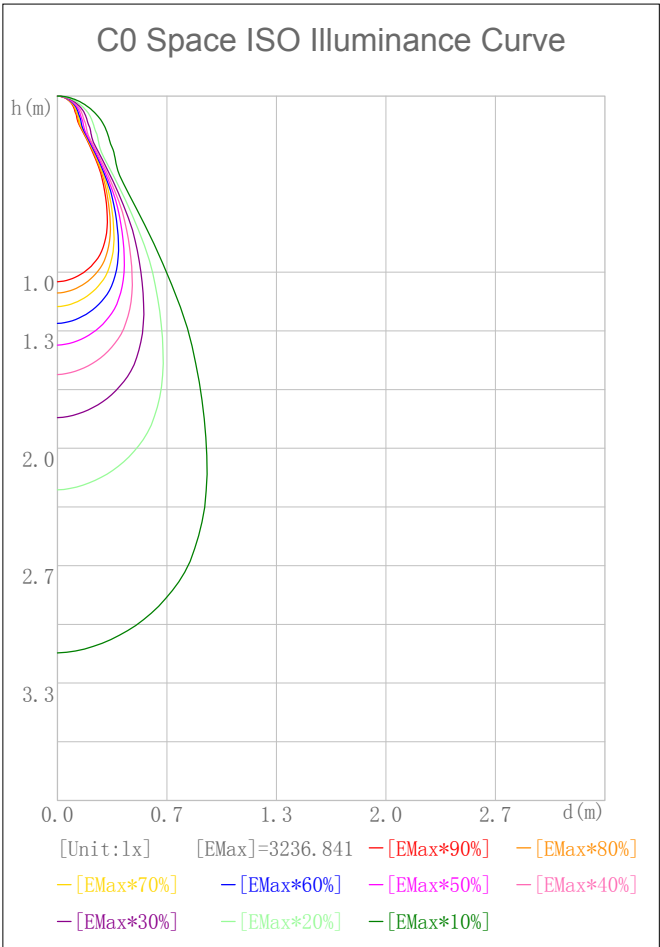
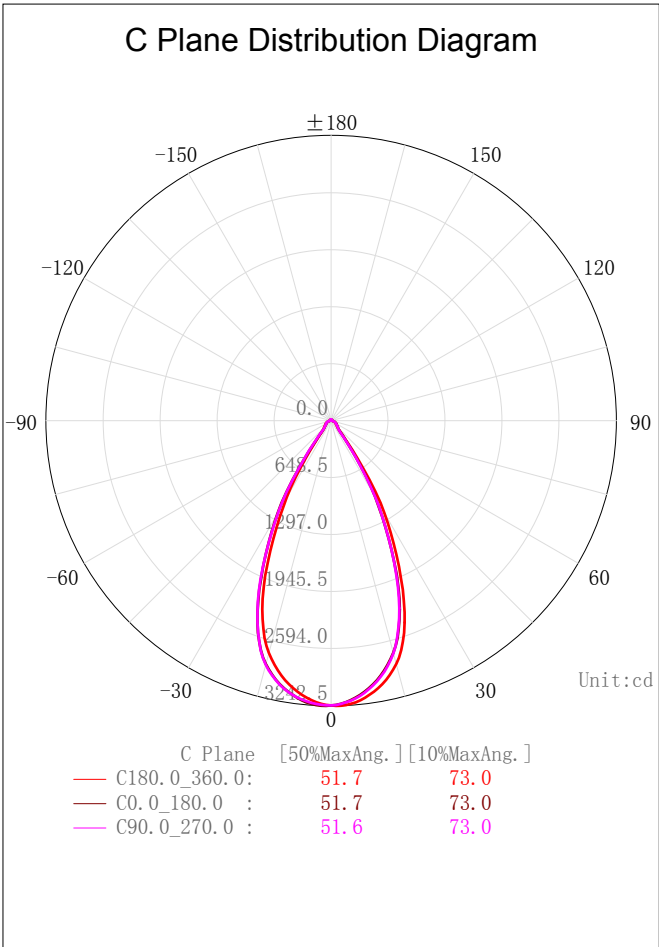
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR04-30-XX-01 4000K RA90 60D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2019/11/30
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): 2445.610	Luminary Flux(lm): 2445.613	Field Angle(10%Imax): 73.0(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 2424.951lm 99.16%
Rated Voltage(V):	Luminary EER(lm/W): 81.848	Up Lumens&Percent: 20.662lm 0.84%
Tested Power(W): 29.880	Max. Candela(cd): 3242.520	S/MH: C0_a180=0.831 C90_270=0.831
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=2.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.1, 0.126, 0.986	Beam Angle(50%Imax): 51.7(°)	ErP ϕ use(90°): 2218.650lm
Lamp Size (W*L*H):0.070m*0.070m*0.266m	Left=-25.1°, Right=26.6°	IRF(%): 302.342



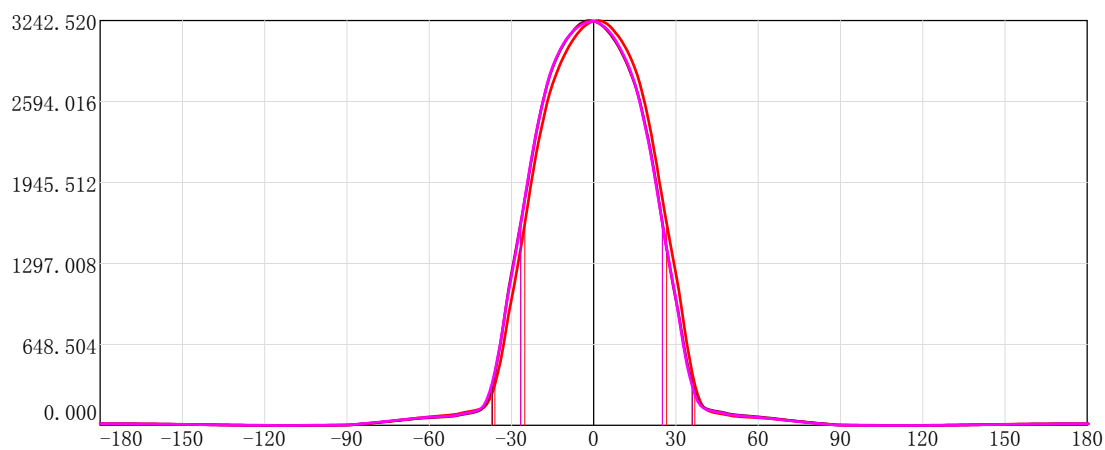
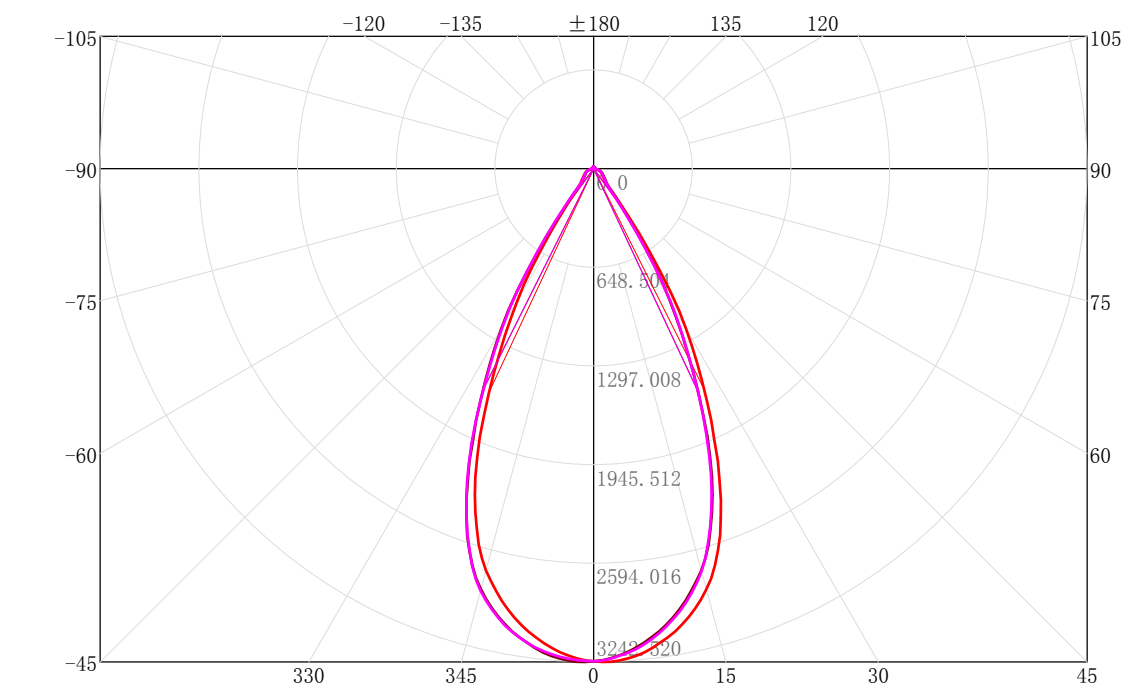
# IES Indoor Report

Photometric Filename:TR04-30-XX-01 4000K RA90 60D.IES

## 2D Plane Light Intensity Distribution Curve

Lum. Name: TR04-30-XX-01 4000K 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: 2019/11/30

C Plane Distribution Diagram



C Plane	[50%MaxAng.]	[10%MaxAng.]
C180.0_360.0 :	51.7	73.0
C0.0_180.0 :	51.7	73.0
C90.0_270.0 :	51.6	73.0

Unit:cd

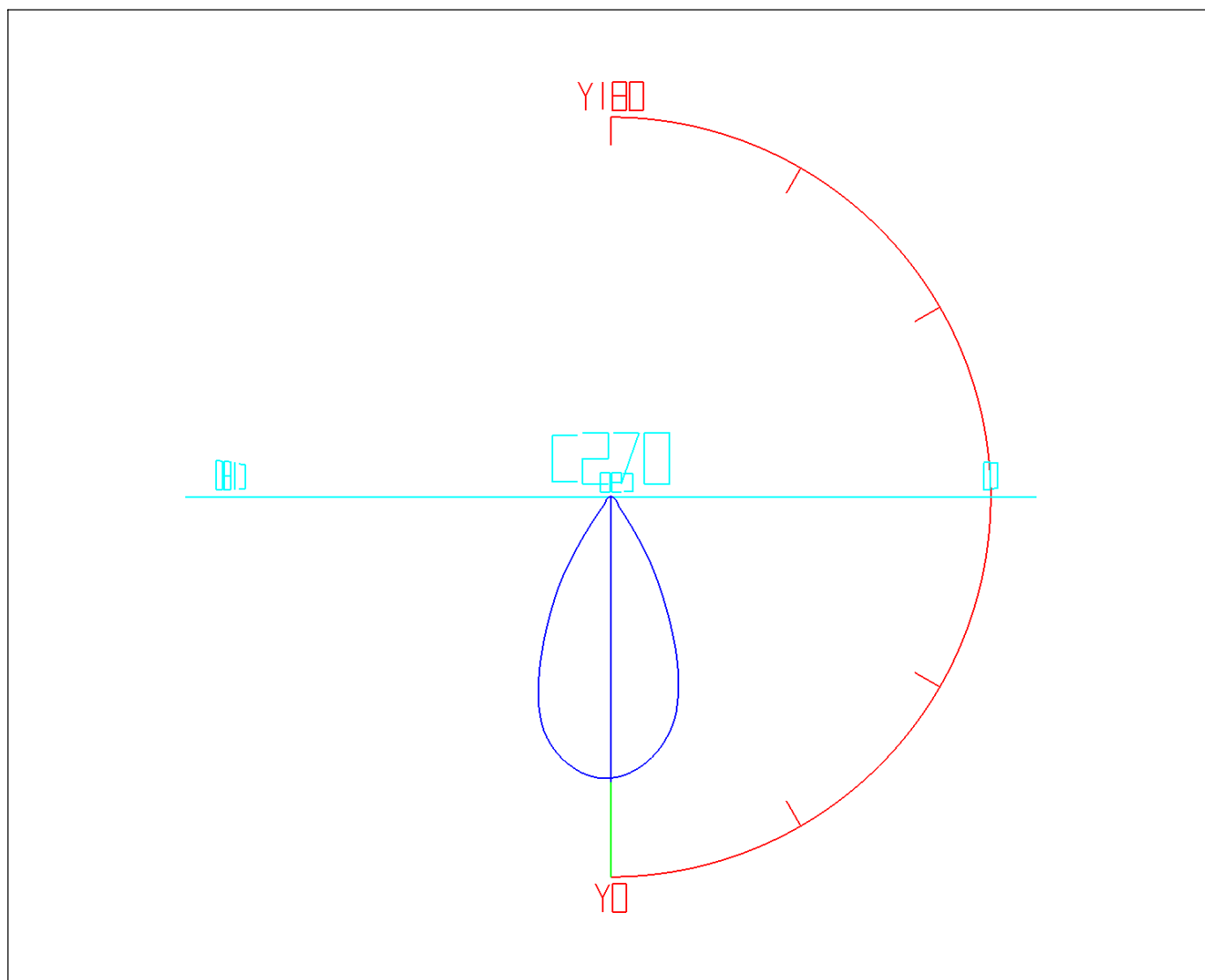
# IES Indoor Report

Photometric Filename:TR04-30-XX-01 4000K RA90 60D.IES

## 3D Light Intensity Distribution Modal

Lum. Name: TR04-30-XX-01 4000K 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: 2019/11/30

## 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

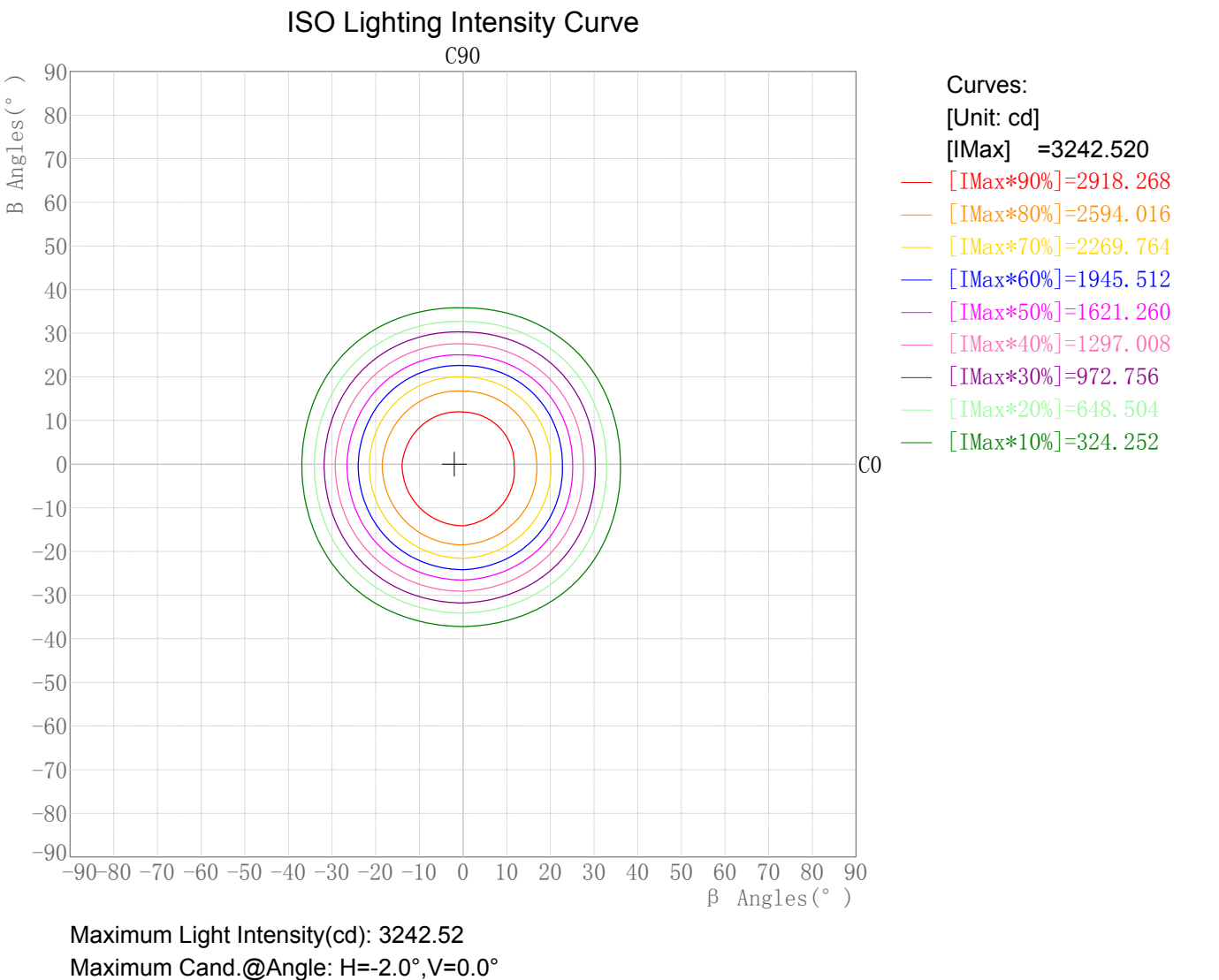
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	3.10	3.10	0.13	0.13	47.0-48.0	7.75	2244.24	0.32	91.77
1.0-2.0	9.28	12.37	0.38	0.51	48.0-49.0	7.50	2251.74	0.31	92.07
2.0-3.0	15.42	27.79	0.63	1.14	49.0-50.0	7.20	2258.94	0.29	92.37
3.0-4.0	21.50	49.29	0.88	2.02	50.0-51.0	6.95	2265.89	0.28	92.65
4.0-5.0	27.49	76.78	1.12	3.14	51.0-52.0	6.82	2272.71	0.28	92.93
5.0-6.0	33.38	110.17	1.37	4.50	52.0-53.0	6.74	2279.45	0.28	93.21
6.0-7.0	39.14	149.31	1.60	6.11	53.0-54.0	6.67	2286.12	0.27	93.48
7.0-8.0	44.74	194.05	1.83	7.93	54.0-55.0	6.59	2292.71	0.27	93.75
8.0-9.0	50.18	244.23	2.05	9.99	55.0-56.0	6.52	2299.23	0.27	94.01
9.0-10.0	55.43	299.66	2.27	12.25	56.0-57.0	6.45	2305.69	0.26	94.28
10.0-11.0	60.46	360.12	2.47	14.73	57.0-58.0	6.38	2312.06	0.26	94.54
11.0-12.0	65.23	425.35	2.67	17.39	58.0-59.0	6.30	2318.36	0.26	94.80
12.0-13.0	69.71	495.05	2.85	20.24	59.0-60.0	6.22	2324.58	0.25	95.05
13.0-14.0	73.87	568.93	3.02	23.26	60.0-61.0	6.13	2330.71	0.25	95.30
14.0-15.0	77.70	646.63	3.18	26.44	61.0-62.0	6.02	2336.73	0.25	95.55
15.0-16.0	81.10	727.73	3.32	29.76	62.0-63.0	5.89	2342.62	0.24	95.79
16.0-17.0	83.88	811.61	3.43	33.19	63.0-64.0	5.74	2348.36	0.23	96.02
17.0-18.0	85.95	897.57	3.51	36.70	64.0-65.0	5.58	2353.94	0.23	96.25
18.0-19.0	87.43	985.00	3.58	40.28	65.0-66.0	5.40	2359.34	0.22	96.47
19.0-20.0	88.28	1073.28	3.61	43.89	66.0-67.0	5.20	2364.54	0.21	96.69
20.0-21.0	88.42	1161.71	3.62	47.50	67.0-68.0	5.00	2369.55	0.20	96.89
21.0-22.0	87.81	1249.52	3.59	51.09	68.0-69.0	4.80	2374.35	0.20	97.09
22.0-23.0	86.46	1335.98	3.54	54.63	69.0-70.0	4.59	2378.93	0.19	97.27
23.0-24.0	84.40	1420.38	3.45	58.08	70.0-71.0	4.37	2383.30	0.18	97.45
24.0-25.0	81.70	1502.08	3.34	61.42	71.0-72.0	4.15	2387.45	0.17	97.62
25.0-26.0	78.51	1580.59	3.21	64.63	72.0-73.0	3.93	2391.38	0.16	97.78
26.0-27.0	74.89	1655.48	3.06	67.69	73.0-74.0	3.71	2395.09	0.15	97.93
27.0-28.0	71.07	1726.54	2.91	70.60	74.0-75.0	3.48	2398.57	0.14	98.08
28.0-29.0	67.05	1793.60	2.74	73.34	75.0-76.0	3.26	2401.84	0.13	98.21
29.0-30.0	62.83	1856.43	2.57	75.91	76.0-77.0	3.04	2404.87	0.12	98.33
30.0-31.0	58.17	1914.60	2.38	78.29	77.0-78.0	2.81	2407.69	0.12	98.45
31.0-32.0	52.54	1967.14	2.15	80.44	78.0-79.0	2.59	2410.28	0.11	98.56
32.0-33.0	45.93	2013.07	1.88	82.31	79.0-80.0	2.37	2412.66	0.10	98.65
33.0-34.0	39.07	2052.14	1.60	83.91	80.0-81.0	2.16	2414.81	0.09	98.74
34.0-35.0	32.62	2084.75	1.33	85.24	81.0-82.0	1.94	2416.75	0.08	98.82
35.0-36.0	26.73	2111.49	1.09	86.34	82.0-83.0	1.73	2418.48	0.07	98.89
36.0-37.0	21.51	2133.00	0.88	87.22	83.0-84.0	1.52	2420.00	0.06	98.95
37.0-38.0	17.21	2150.20	0.70	87.92	84.0-85.0	1.31	2421.31	0.05	99.01
38.0-39.0	13.87	2164.07	0.57	88.49	85.0-86.0	1.11	2422.42	0.05	99.05
39.0-40.0	11.48	2175.55	0.47	88.96	86.0-87.0	0.91	2423.33	0.04	99.09
40.0-41.0	10.04	2185.59	0.41	89.37	87.0-88.0	0.72	2424.05	0.03	99.12
41.0-42.0	9.26	2194.85	0.38	89.75	88.0-89.0	0.52	2424.57	0.02	99.14
42.0-43.0	8.81	2203.66	0.36	90.11	89.0-90.0	0.38	2424.95	0.02	99.16
43.0-44.0	8.51	2212.17	0.35	90.45	90.0-91.0	0.32	2425.27	0.01	99.17
44.0-45.0	8.28	2220.44	0.34	90.79	91.0-92.0	0.29	2425.56	0.01	99.18
45.0-46.0	8.10	2228.55	0.33	91.12	92.0-93.0	0.27	2425.82	0.01	99.19
46.0-47.0	7.94	2236.49	0.32	91.45	93.0-94.0	0.24	2426.06	0.01	99.20

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	0.22	2426.29	0.01	99.21	141.0-142.0	0.40	2432.90	0.02	99.48
95.0-96.0	0.20	2426.49	0.01	99.22	142.0-143.0	0.42	2433.31	0.02	99.50
96.0-97.0	0.18	2426.67	0.01	99.23	143.0-144.0	0.43	2433.74	0.02	99.51
97.0-98.0	0.16	2426.83	0.01	99.23	144.0-145.0	0.44	2434.18	0.02	99.53
98.0-99.0	0.15	2426.98	0.01	99.24	145.0-146.0	0.45	2434.63	0.02	99.55
99.0-100.0	0.13	2427.11	0.01	99.24	146.0-147.0	0.46	2435.08	0.02	99.57
100.0-101.0	0.11	2427.22	0.00	99.25	147.0-148.0	0.46	2435.55	0.02	99.59
101.0-102.0	0.10	2427.32	0.00	99.25	148.0-149.0	0.47	2436.02	0.02	99.61
102.0-103.0	0.08	2427.40	0.00	99.26	149.0-150.0	0.47	2436.49	0.02	99.63
103.0-104.0	0.07	2427.47	0.00	99.26	150.0-151.0	0.47	2436.96	0.02	99.65
104.0-105.0	0.06	2427.53	0.00	99.26	151.0-152.0	0.47	2437.44	0.02	99.67
105.0-106.0	0.05	2427.58	0.00	99.26	152.0-153.0	0.47	2437.91	0.02	99.69
106.0-107.0	0.04	2427.62	0.00	99.26	153.0-154.0	0.47	2438.38	0.02	99.70
107.0-108.0	0.03	2427.66	0.00	99.27	154.0-155.0	0.46	2438.84	0.02	99.72
108.0-109.0	0.03	2427.68	0.00	99.27	155.0-156.0	0.46	2439.30	0.02	99.74
109.0-110.0	0.02	2427.70	0.00	99.27	156.0-157.0	0.45	2439.75	0.02	99.76
110.0-111.0	0.02	2427.72	0.00	99.27	157.0-158.0	0.44	2440.19	0.02	99.78
111.0-112.0	0.02	2427.74	0.00	99.27	158.0-159.0	0.43	2440.63	0.02	99.80
112.0-113.0	0.02	2427.75	0.00	99.27	159.0-160.0	0.42	2441.04	0.02	99.81
113.0-114.0	0.02	2427.77	0.00	99.27	160.0-161.0	0.41	2441.45	0.02	99.83
114.0-115.0	0.02	2427.79	0.00	99.27	161.0-162.0	0.39	2441.84	0.02	99.85
115.0-116.0	0.02	2427.81	0.00	99.27	162.0-163.0	0.38	2442.22	0.02	99.86
116.0-117.0	0.03	2427.83	0.00	99.27	163.0-164.0	0.36	2442.58	0.01	99.88
117.0-118.0	0.03	2427.86	0.00	99.27	164.0-165.0	0.35	2442.93	0.01	99.89
118.0-119.0	0.03	2427.89	0.00	99.28	165.0-166.0	0.33	2443.26	0.01	99.90
119.0-120.0	0.04	2427.93	0.00	99.28	166.0-167.0	0.31	2443.57	0.01	99.92
120.0-121.0	0.05	2427.99	0.00	99.28	167.0-168.0	0.29	2443.86	0.01	99.93
121.0-122.0	0.07	2428.05	0.00	99.28	168.0-169.0	0.27	2444.13	0.01	99.94
122.0-123.0	0.08	2428.13	0.00	99.29	169.0-170.0	0.25	2444.38	0.01	99.95
123.0-124.0	0.10	2428.23	0.00	99.29	170.0-171.0	0.23	2444.61	0.01	99.96
124.0-125.0	0.11	2428.34	0.00	99.29	171.0-172.0	0.21	2444.81	0.01	99.97
125.0-126.0	0.13	2428.46	0.01	99.30	172.0-173.0	0.18	2445.00	0.01	99.97
126.0-127.0	0.14	2428.61	0.01	99.30	173.0-174.0	0.16	2445.16	0.01	99.98
127.0-128.0	0.16	2428.77	0.01	99.31	174.0-175.0	0.14	2445.30	0.01	99.99
128.0-129.0	0.18	2428.95	0.01	99.32	175.0-176.0	0.11	2445.41	0.00	99.99
129.0-130.0	0.20	2429.14	0.01	99.33	176.0-177.0	0.09	2445.50	0.00	100.00
130.0-131.0	0.21	2429.36	0.01	99.34	177.0-178.0	0.06	2445.56	0.00	100.00
131.0-132.0	0.23	2429.59	0.01	99.34	178.0-179.0	0.04	2445.60	0.00	100.00
132.0-133.0	0.25	2429.84	0.01	99.36	179.0-180.0	0.01	2445.61	0.00	100.00
133.0-134.0	0.27	2430.11	0.01	99.37					
134.0-135.0	0.29	2430.40	0.01	99.38					
135.0-136.0	0.31	2430.71	0.01	99.39					
136.0-137.0	0.32	2431.03	0.01	99.40					
137.0-138.0	0.34	2431.37	0.01	99.42					
138.0-139.0	0.36	2431.73	0.01	99.43					
139.0-140.0	0.37	2432.11	0.02	99.45					
140.0-141.0	0.39	2432.49	0.02	99.46					

Rectangle ISO Lighting Intensity Diagram

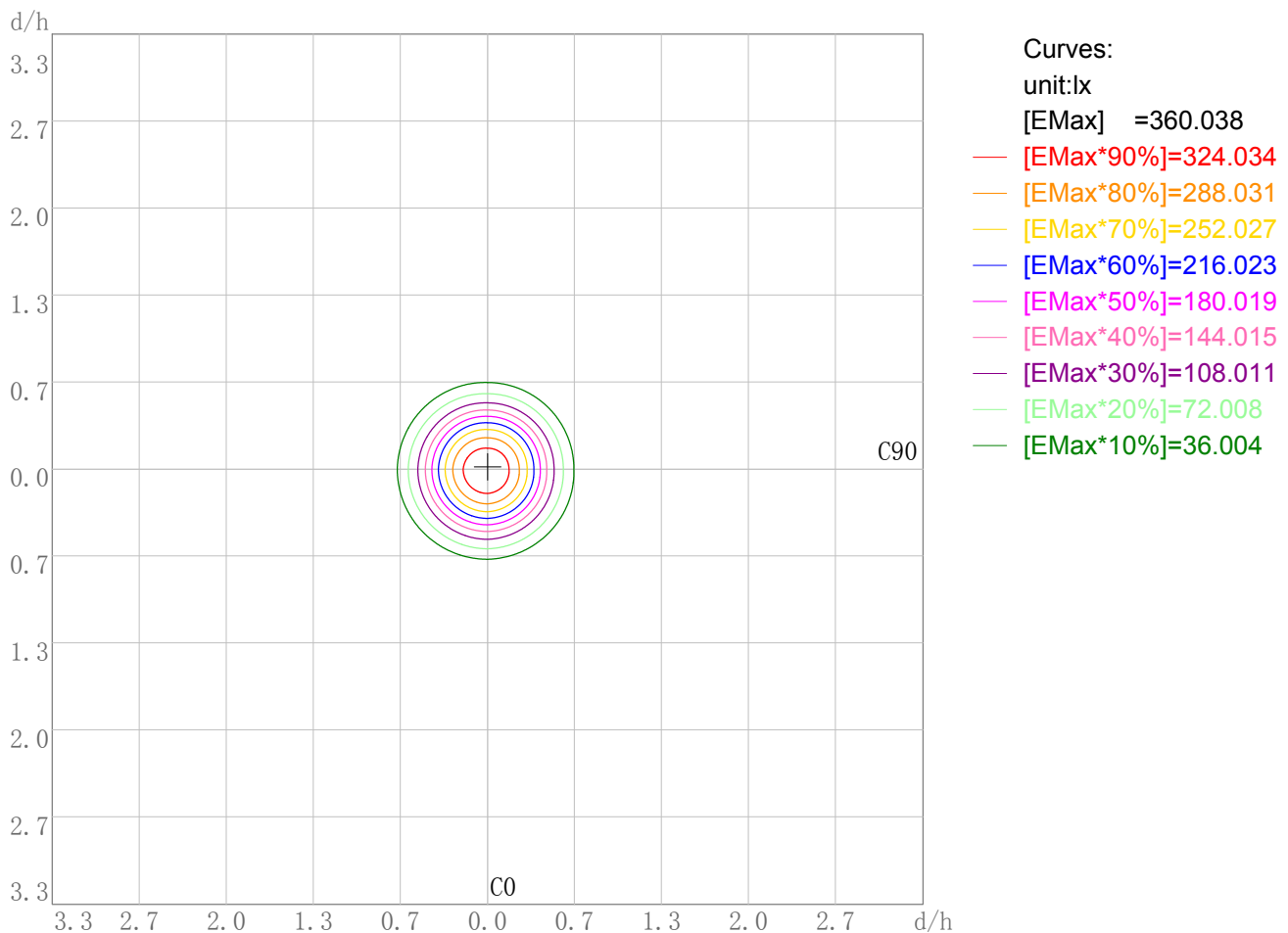
Lum. Name:TR04-30-XX-01 4000K RA90 60D	Lum. Catalog:	Test ID:01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/30



## Plane ISO-Illuminance Diagram

Lum. Name: TR04-30-XX-01 4000K 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: 2019/11/30

## Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 360.04

Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

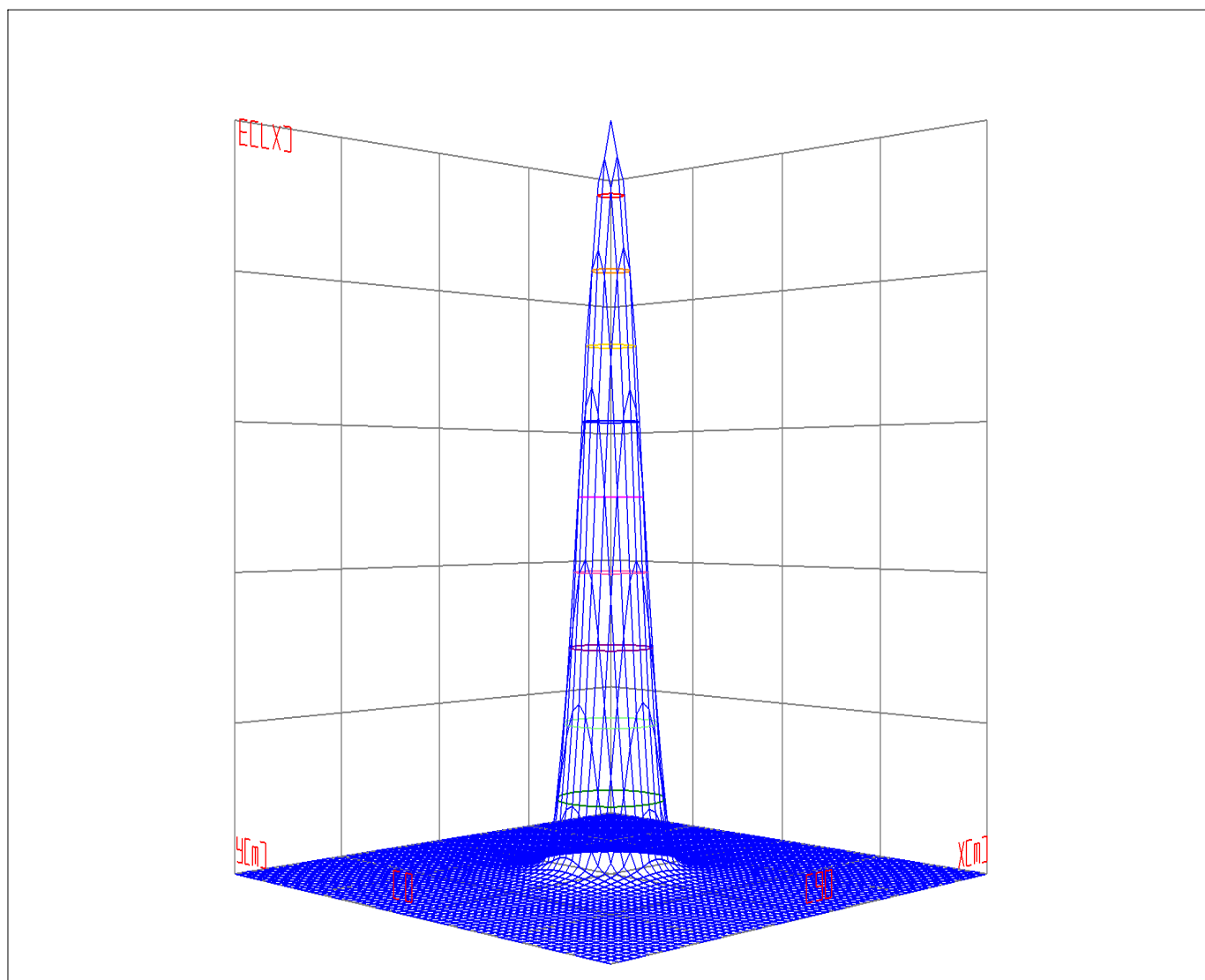
# IES Indoor Report

Photometric Filename:TR04-30-XX-01 4000K RA90 60D.IES

## 3D Plane ISO Illuminance Diagram

Lum. Name: TR04-30-XX-01 4000K 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: 2019/11/30

## 3D Plane Illuminance Modal



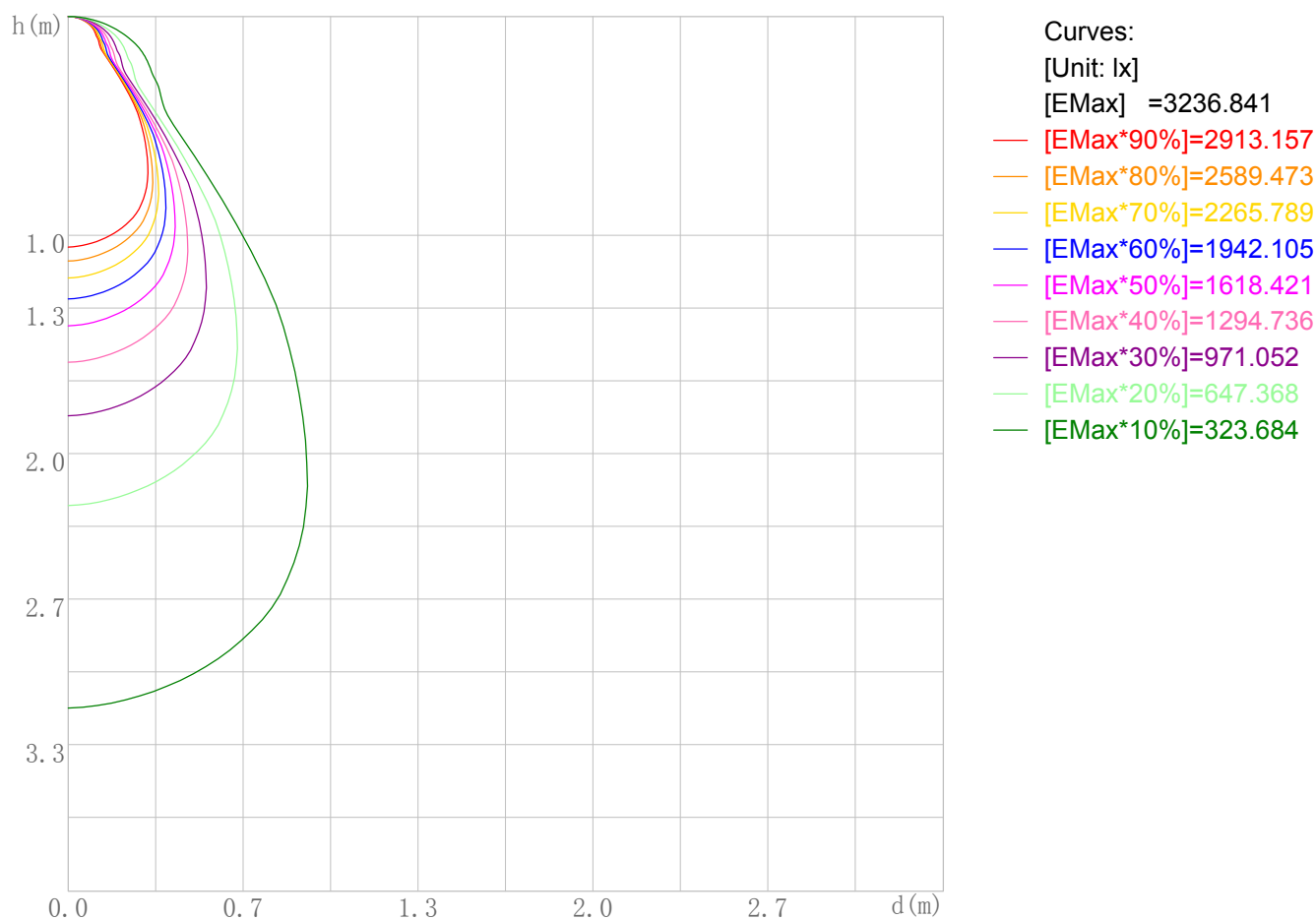
Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0



## Space ISO Illuminance Diagram

Lum. Name: TR04-30-XX-01 4000K 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: 2019/11/30

## Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:3236.84lx,0.0deg

Plane Maximum Lighting Intensity and @Angle:3236.841cd,0deg

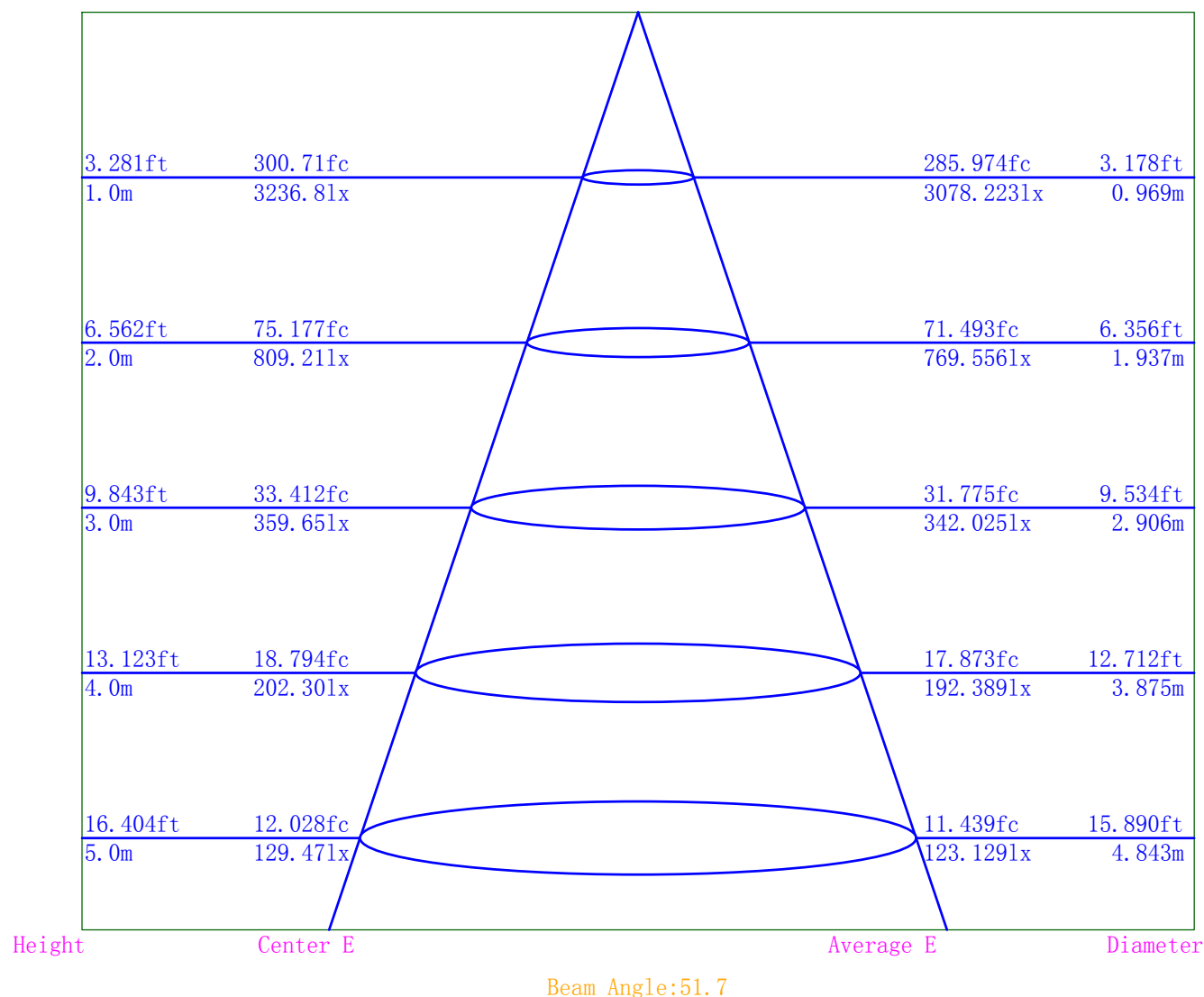
# IES Indoor Report

Photometric Filename:TR04-30-XX-01 4000K RA90 60D.IES

## Illuminance-Distance Diagram

Lum. Name: TR04-30-XX-01 4000K 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: 2019/11/30

Illuminance-Distance Curve



Indoor Luminance Limiting Curves

Lum. Name: TR04-30-XX-01 4000K 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: 2019/11/30

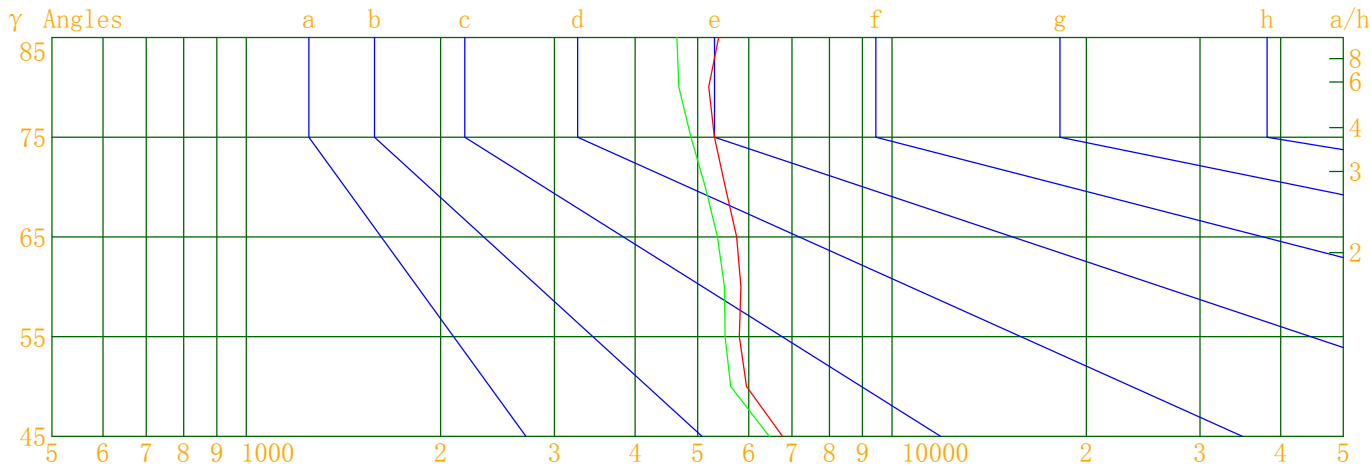
Glare Grade Table

GI	Quality	Using Illuminace							
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	6768	5951	5803	5833	5746	5517	5307	5202	5390
C90	6456	5624	5516	5501	5364	5138	4879	4676	4644

Luminance Limiting Curve



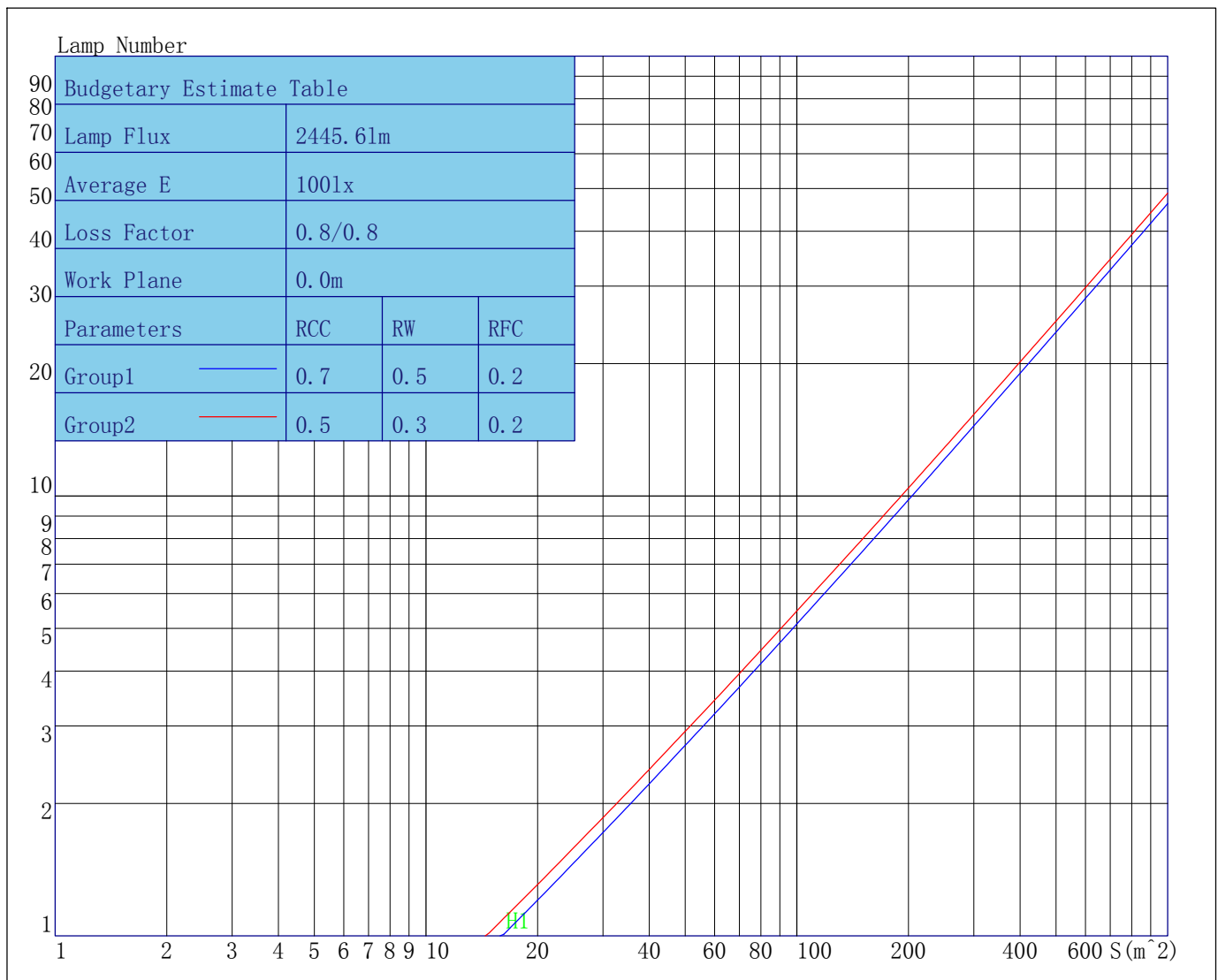
Luminous Size: Length(m)=0.070 Width(m)=0.070 Height(m)=0.266 Area(m^2)=0.023520  
Luminous Type: Without Luminous Side  
Luminous Curves: C0-C180 Color: C90-C270 Color:

# IES Indoor Report

Photometric Filename:TR04-30-XX-01 4000K RA90 60D.IES

## Indoor Budgetary Estimate Table

Lum. Name: TR04-30-XX-01 4000K 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: 2019/11/30



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 values for RCR 0-10.

Unified Glare Rating Table

Lum. Name: TR04-30-XX-01 4000K RA90 60D	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: 2019/11/30

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	16.3	15.6	16.6	17.0	15.0	16.0	15.4	16.4	16.7
	16.3	17.2	16.7	17.5	17.9	16.0	16.9	16.4	17.2	17.6
	16.7	17.6	17.2	18.0	18.4	16.4	17.2	16.8	17.6	18.0
	17.1	17.9	17.6	18.3	18.7	16.8	17.5	17.2	17.9	18.4
	17.3	18.0	17.7	18.4	18.9	16.9	17.6	17.4	18.0	18.5
	17.4	18.1	17.9	18.5	19.0	17.0	17.7	17.4	18.1	18.5
X=4H    Y=2H	15.5	16.4	16.0	16.8	17.2	15.3	16.1	15.7	16.5	16.9
	16.8	17.5	17.2	17.9	18.3	16.5	17.2	16.9	17.6	18.0
	17.4	18.0	17.9	18.5	18.9	17.1	17.7	17.5	18.1	18.6
	18.0	18.5	18.4	19.0	19.5	17.6	18.1	18.1	18.6	19.1
	18.2	18.7	18.7	19.1	19.6	17.8	18.3	18.3	18.7	19.2
	18.4	18.8	18.9	19.3	19.8	17.9	18.3	18.4	18.9	19.3
X=8H    Y=4H	17.6	18.1	18.1	18.6	19.1	17.3	17.8	17.8	18.2	18.7
	18.3	18.7	18.8	19.2	19.8	17.9	18.3	18.5	18.8	19.4
	18.6	19.0	19.2	19.5	20.0	18.2	18.6	18.7	19.1	19.6
	18.9	19.2	19.4	19.7	20.3	18.5	18.8	19.0	19.3	19.9
X=12H    Y=4H	17.6	18.0	18.1	18.5	19.0	17.3	17.7	17.8	18.2	18.7
	18.4	18.7	18.9	19.2	19.8	18.0	18.3	18.5	18.8	19.4
	18.7	19.0	19.3	19.5	20.1	18.3	18.6	18.8	19.1	19.7
Variations with the objerver position at spacings										
S=1.0H	0.4/−0.4					0.4/−0.5				
S=1.5H	0.7/−0.7					0.7/−0.8				
S=2.0H	0.8/−1.0					0.9/−1.1				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	2.5					2.4				

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	3236.84	3236.84	3236.84	3236.84
γ 1.0	3231.22	3233.85	3241.83	3234.74
γ 2.0	3219.76	3222.04	3242.52	3231.15
γ 3.0	3204.17	3206.16	3236.96	3224.73
γ 4.0	3184.57	3190.42	3226.28	3214.91
γ 5.0	3160.79	3170.23	3213.73	3201.92
γ 6.0	3134.92	3145.47	3195.64	3186.35
γ 7.0	3103.97	3116.92	3172.54	3168.75
γ 8.0	3072.37	3083.02	3144.47	3145.89
γ 9.0	3036.19	3046.94	3117.99	3119.07
γ 10.0	2995.55	3006.36	3086.99	3090.93
γ 11.0	2951.66	2963.17	3049.91	3057.74
γ 12.0	2903.22	2915.51	3010.32	3017.02
γ 13.0	2848.66	2861.71	2966.00	2972.56
γ 14.0	2792.59	2802.54	2916.60	2924.38
γ 15.0	2732.88	2738.54	2861.82	2871.14
γ 16.0	2663.46	2661.92	2802.05	2807.32
γ 17.0	2583.92	2570.35	2725.77	2731.23
γ 18.0	2485.90	2477.04	2640.74	2637.86
γ 19.0	2387.72	2374.98	2550.87	2546.93
γ 20.0	2281.43	2267.79	2441.64	2442.84
γ 21.0	2168.66	2149.84	2333.31	2334.04
γ 22.0	2040.64	2025.32	2205.83	2221.03
γ 23.0	1914.11	1891.33	2087.45	2097.04
γ 24.0	1769.37	1764.51	1947.32	1969.71
γ 25.0	1633.45	1627.18	1828.17	1832.98
γ 26.0	1496.19	1494.92	1696.13	1694.54
γ 27.0	1365.28	1367.87	1570.15	1559.11
γ 28.0	1240.07	1245.80	1448.66	1430.86
γ 29.0	1117.61	1129.41	1329.13	1310.09
γ 30.0	1004.17	1013.61	1214.22	1189.79
γ 31.0	892.36	878.88	1092.13	1076.52
γ 32.0	761.25	740.59	948.67	945.74
γ 33.0	630.12	609.84	798.46	801.11
γ 34.0	513.12	491.21	656.89	663.03
γ 35.0	414.21	391.36	529.39	541.85
γ 36.0	326.24	310.27	411.89	433.38
γ 37.0	258.43	241.27	316.79	339.48
γ 38.0	207.04	191.58	242.06	265.29
γ 39.0	169.22	158.85	185.18	205.76
γ 40.0	146.64	140.36	148.27	162.69
γ 41.0	134.47	129.62	128.04	137.65
γ 42.0	126.88	121.78	116.73	124.24
γ 43.0	121.32	116.18	108.74	115.56
γ 44.0	116.64	111.50	102.72	108.85
γ 45.0	112.56	107.37	98.09	103.89
γ 46.0	108.69	103.65	94.52	100.09

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	104.88	99.56	91.05	96.42
γ 48.0	100.49	94.64	87.63	92.47
γ 49.0	95.10	89.23	83.21	87.63
γ 50.0	89.97	85.03	78.06	82.10
γ 51.0	86.86	82.80	74.49	77.97
γ 52.0	84.50	80.50	72.59	75.97
γ 53.0	82.33	78.37	71.06	74.38
γ 54.0	80.20	76.41	69.54	72.74
γ 55.0	78.28	74.41	68.09	71.24
γ 56.0	76.32	72.45	66.73	69.89
γ 57.0	74.37	70.51	65.51	68.65
γ 58.0	72.48	68.50	64.19	67.49
γ 59.0	70.50	66.66	62.99	66.15
γ 60.0	68.60	64.69	61.83	64.98
γ 61.0	66.58	62.69	60.54	63.71
γ 62.0	64.38	60.37	59.19	62.27
γ 63.0	62.09	58.08	57.51	60.64
γ 64.0	59.72	55.79	55.63	58.79
γ 65.0	57.12	53.32	53.65	56.87
γ 66.0	54.53	50.95	51.46	54.74
γ 67.0	51.98	48.50	49.27	52.62
γ 68.0	49.35	46.10	47.04	50.32
γ 69.0	46.84	43.75	44.81	47.94
γ 70.0	44.38	41.33	42.48	45.60
γ 71.0	41.80	38.94	40.25	43.33
γ 72.0	39.45	36.59	37.96	41.00
γ 73.0	36.97	34.29	35.71	38.69
γ 74.0	34.70	31.98	33.45	36.38
γ 75.0	32.30	29.70	31.25	34.05
γ 76.0	30.06	27.56	29.03	31.83
γ 77.0	27.75	25.31	26.90	29.55
γ 78.0	25.49	23.25	24.77	27.28
γ 79.0	23.33	21.11	22.63	25.18
γ 80.0	21.25	19.10	20.61	22.95
γ 81.0	19.10	17.02	18.55	20.85
γ 82.0	17.02	15.12	16.64	18.80
γ 83.0	15.07	13.16	14.68	16.72
γ 84.0	13.07	11.31	12.82	14.70
γ 85.0	11.05	9.52	10.96	12.80
γ 86.0	9.23	7.74	9.02	10.86
γ 87.0	7.33	6.07	7.29	8.89
γ 88.0	5.60	4.33	5.68	7.10
γ 89.0	3.74	2.59	3.98	5.27
γ 90.0	3.29	2.36	2.68	3.78
γ 91.0	3.06	2.17	2.36	3.38
γ 92.0	2.82	1.93	2.23	3.15
γ 93.0	2.62	1.72	2.01	2.90



Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	2.41	1.58	1.83	2.60
γ 95.0	2.22	1.43	1.67	2.48
γ 96.0	2.01	1.18	1.50	2.28
γ 97.0	1.81	1.06	1.41	2.13
γ 98.0	1.67	0.89	1.22	1.90
γ 99.0	1.46	0.75	1.11	1.78
γ 100.0	1.27	0.62	1.00	1.56
γ 101.0	1.15	0.49	0.81	1.42
γ 102.0	1.00	0.38	0.65	1.24
γ 103.0	0.87	0.28	0.63	1.23
γ 104.0	0.75	0.20	0.49	1.05
γ 105.0	0.56	0.01	0.42	0.97
γ 106.0	0.47	0.00	0.34	0.88
γ 107.0	0.35	0.00	0.28	0.77
γ 108.0	0.32	0.00	0.25	0.61
γ 109.0	0.18	0.00	0.13	0.56
γ 110.0	0.08	0.00	0.13	0.53
γ 111.0	0.10	0.00	0.16	0.42
γ 112.0	0.09	0.00	0.10	0.52
γ 113.0	0.02	0.00	0.07	0.46
γ 114.0	0.03	0.00	0.10	0.53
γ 115.0	0.10	0.00	0.17	0.48
γ 116.0	0.10	0.00	0.28	0.55
γ 117.0	0.18	0.00	0.35	0.58
γ 118.0	0.20	0.00	0.35	0.66
γ 119.0	0.33	0.00	0.43	0.70
γ 120.0	0.44	0.14	0.63	0.84
γ 121.0	0.52	0.31	0.72	0.99
γ 122.0	0.64	0.54	0.88	1.04
γ 123.0	0.85	0.67	1.07	1.23
γ 124.0	1.02	0.83	1.27	1.36
γ 125.0	1.20	1.04	1.40	1.56
γ 126.0	1.40	1.31	1.63	1.69
γ 127.0	1.66	1.50	1.87	2.01
γ 128.0	1.90	1.68	2.07	2.16
γ 129.0	2.11	2.03	2.34	2.40
γ 130.0	2.35	2.20	2.57	2.62
γ 131.0	2.60	2.54	2.88	2.80
γ 132.0	2.87	2.72	3.05	3.12
γ 133.0	3.18	3.01	3.43	3.38
γ 134.0	3.50	3.35	3.66	3.68
γ 135.0	3.75	3.66	3.98	4.02
γ 136.0	4.06	3.91	4.27	4.33
γ 137.0	4.34	4.18	4.60	4.57
γ 138.0	4.66	4.62	4.93	4.96
γ 139.0	5.07	4.89	5.27	5.28
γ 140.0	5.27	5.17	5.52	5.54

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	5.67	5.59	5.88	5.88
γ 142.0	5.96	5.86	6.15	6.15
γ 143.0	6.43	6.22	6.56	6.48
γ 144.0	6.70	6.55	6.85	6.80
γ 145.0	7.03	6.89	7.21	7.12
γ 146.0	7.29	7.21	7.52	7.44
γ 147.0	7.73	7.52	7.86	7.75
γ 148.0	8.01	7.80	8.15	8.09
γ 149.0	8.28	8.09	8.46	8.42
γ 150.0	8.57	8.51	8.78	8.67
γ 151.0	8.90	8.73	9.13	9.02
γ 152.0	9.10	9.00	9.41	9.23
γ 153.0	9.47	9.26	9.72	9.48
γ 154.0	9.60	9.50	10.01	9.79
γ 155.0	9.93	9.78	10.22	9.97
γ 156.0	10.08	9.98	10.49	10.25
γ 157.0	10.40	10.20	10.66	10.39
γ 158.0	10.57	10.39	10.87	10.64
γ 159.0	10.72	10.63	11.03	10.86
γ 160.0	10.94	10.79	11.23	11.05
γ 161.0	11.11	11.01	11.44	11.18
γ 162.0	11.36	11.19	11.54	11.40
γ 163.0	11.50	11.41	11.69	11.59
γ 164.0	11.72	11.50	11.93	11.78
γ 165.0	11.85	11.76	12.03	11.83
γ 166.0	12.02	11.84	12.22	12.05
γ 167.0	12.14	12.00	12.27	12.12
γ 168.0	12.33	12.17	12.49	12.34
γ 169.0	12.51	12.25	12.62	12.44
γ 170.0	12.67	12.44	12.70	12.57
γ 171.0	12.71	12.62	12.89	12.67
γ 172.0	12.91	12.71	12.96	12.73
γ 173.0	12.98	12.80	12.98	12.93
γ 174.0	13.07	12.93	13.06	12.98
γ 175.0	13.22	13.11	13.22	13.04
γ 176.0	13.30	13.11	13.24	13.14
γ 177.0	13.29	13.22	13.28	13.16
γ 178.0	13.42	13.27	13.38	13.24
γ 179.0	13.39	13.35	13.40	13.29
γ 180.0	13.38	13.38	13.38	13.38