

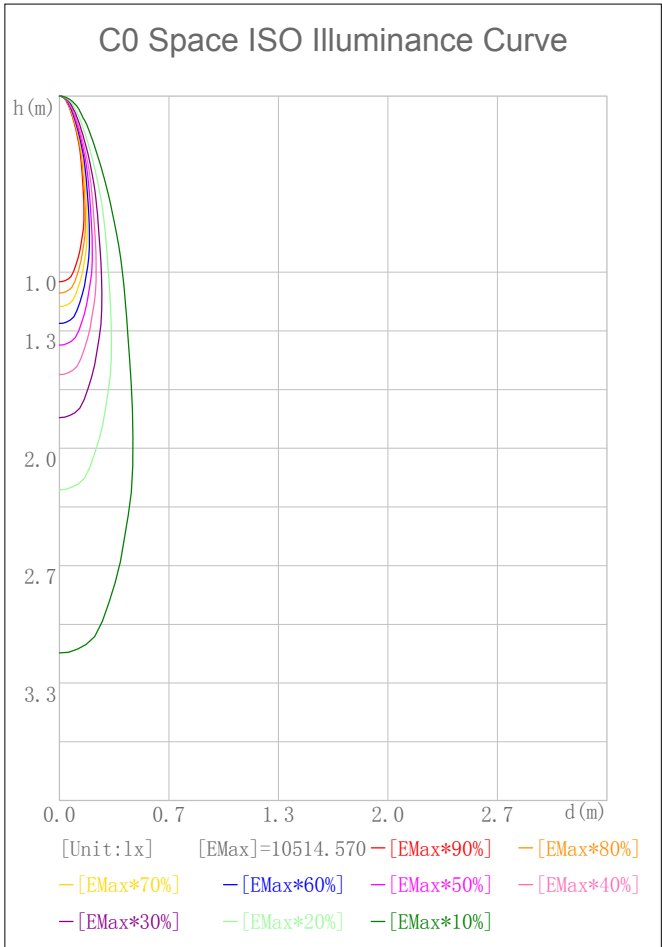
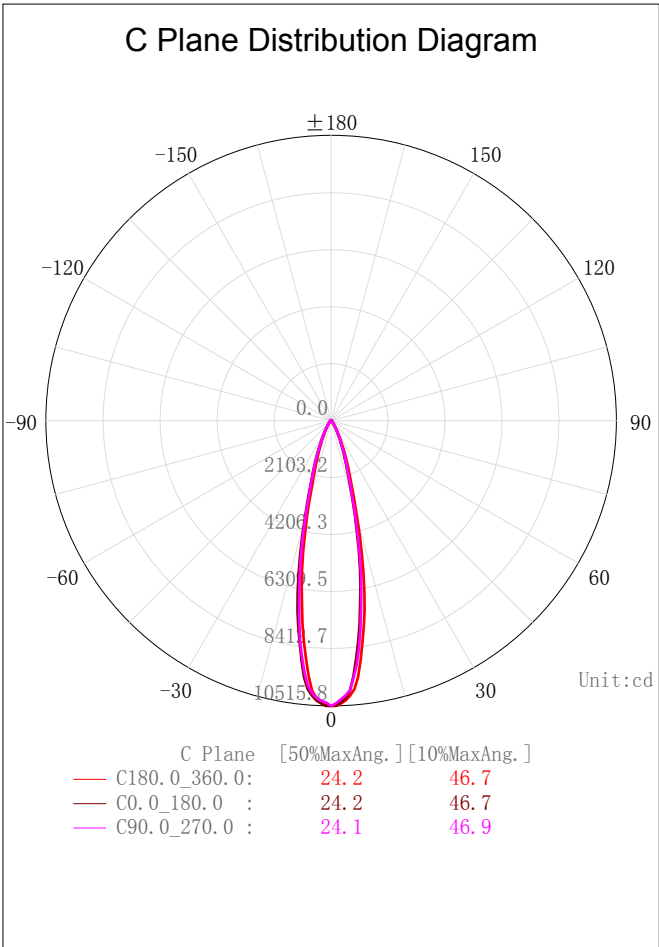
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR04-30-XX-01 4000K RA90 24D	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

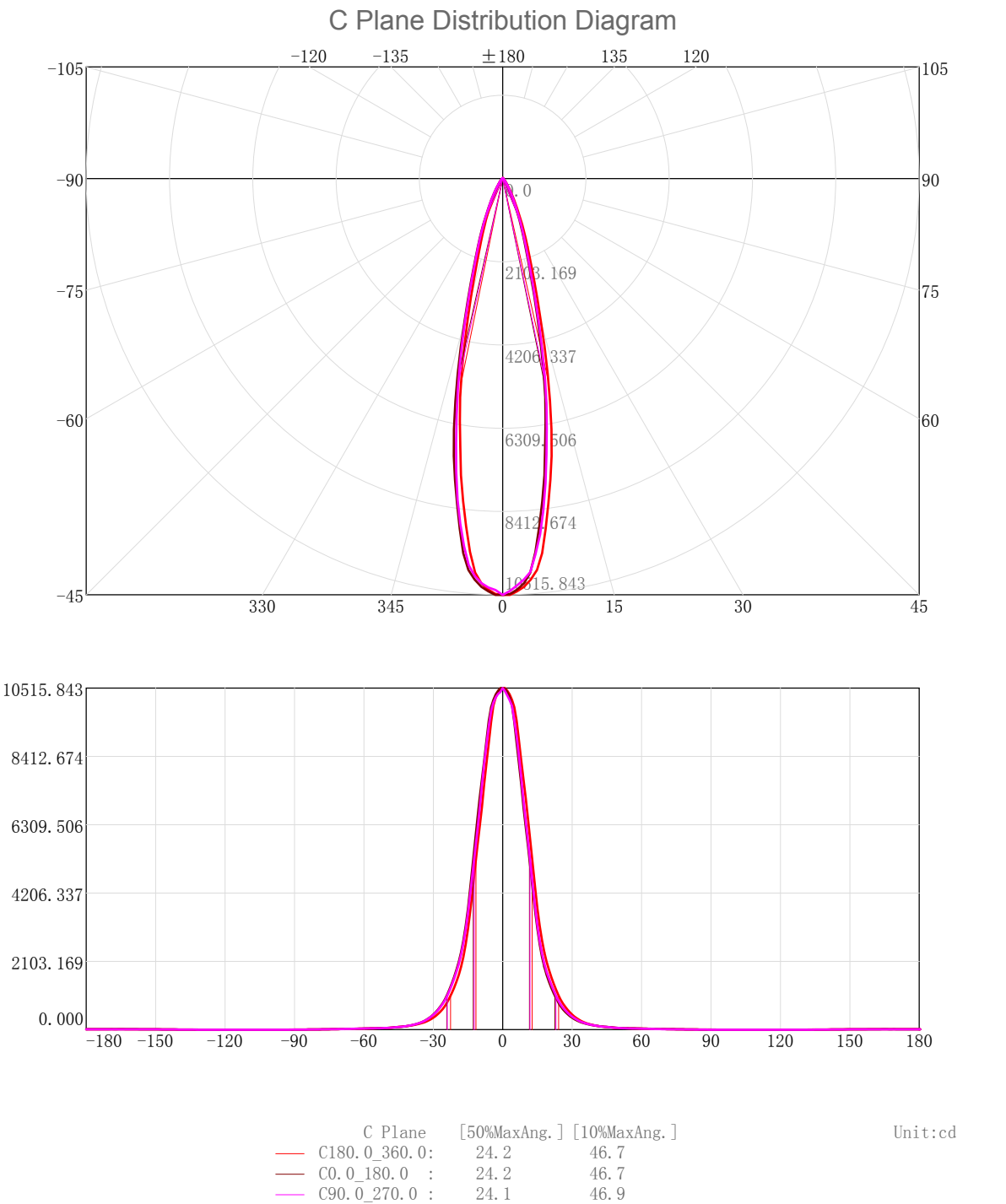
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 2511.900	Luminary Flux(lm): 2511.901	Field Angle(10%Imax): 46.7(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 2491.235lm 99.18%
Rated Voltage(V):	Luminary EER(lm/W): 82.792	Up Lumens&Percent: 20.666lm 0.82%
Tested Power(W): 30.340	Max. Candela(cd): 10515.843	S/MH: C0_a180=0.412 C90_270=0.408
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.2, 0.128, 0.986	Beam Angle(50%Imax): 24.2(°)	ErP Φ use(90°): 2390.934lm
Lamp Size(W*L*H):0.070m*0.070m*0.266m	Left=-11.5°, Right=12.7°	IRF(%): 933.043



2D Plane Light Intensity Distribution Curve

Lum. Name: TR04-30-XX-01 4000K RA90 24D	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



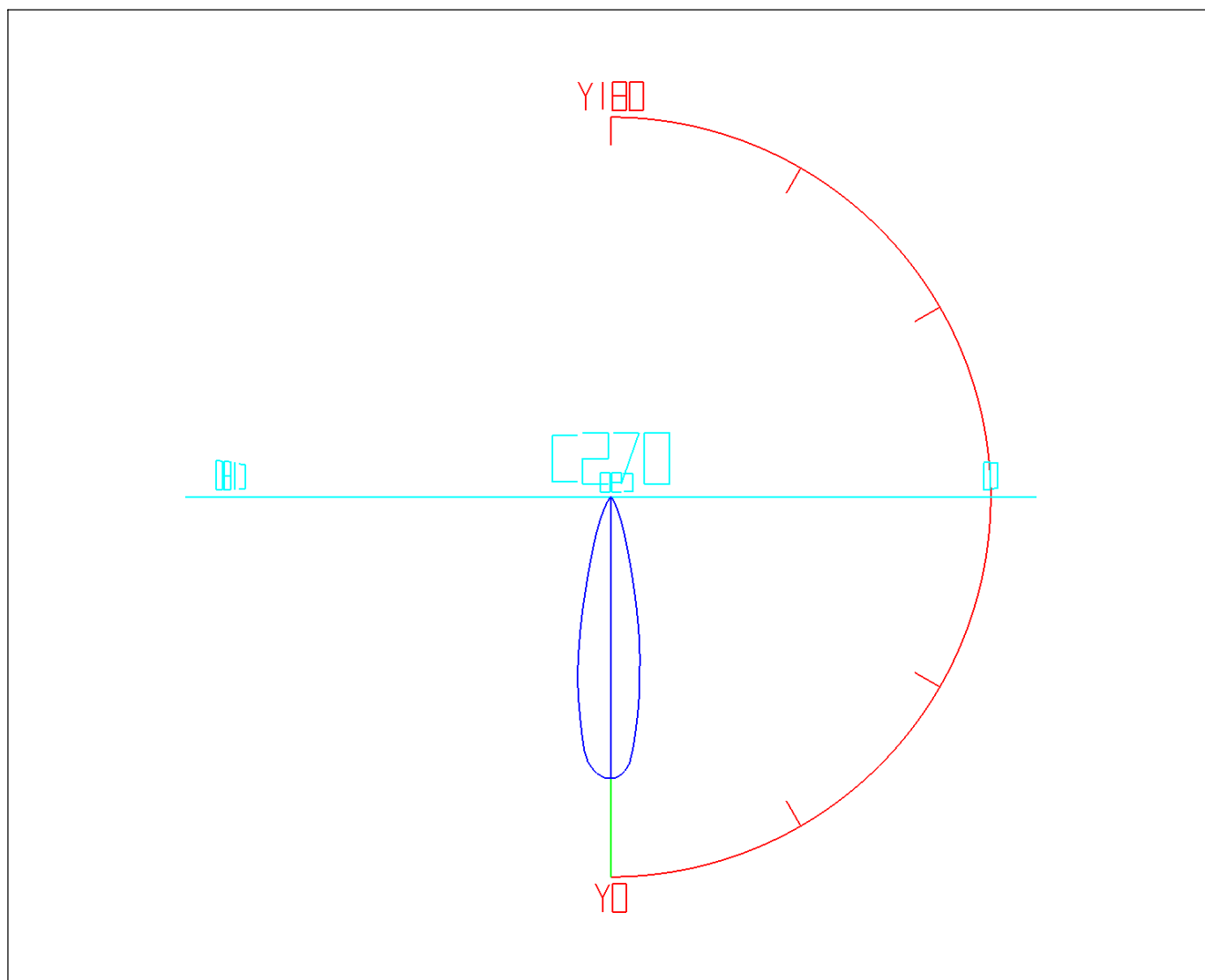
# IES Indoor Report

Photometric Filename:TR04-30-XX-01 4000K RA90 24D.IES

## 3D Light Intensity Distribution Modal

Lum. Name: TR04-30-XX-01 4000K RA90 24D	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

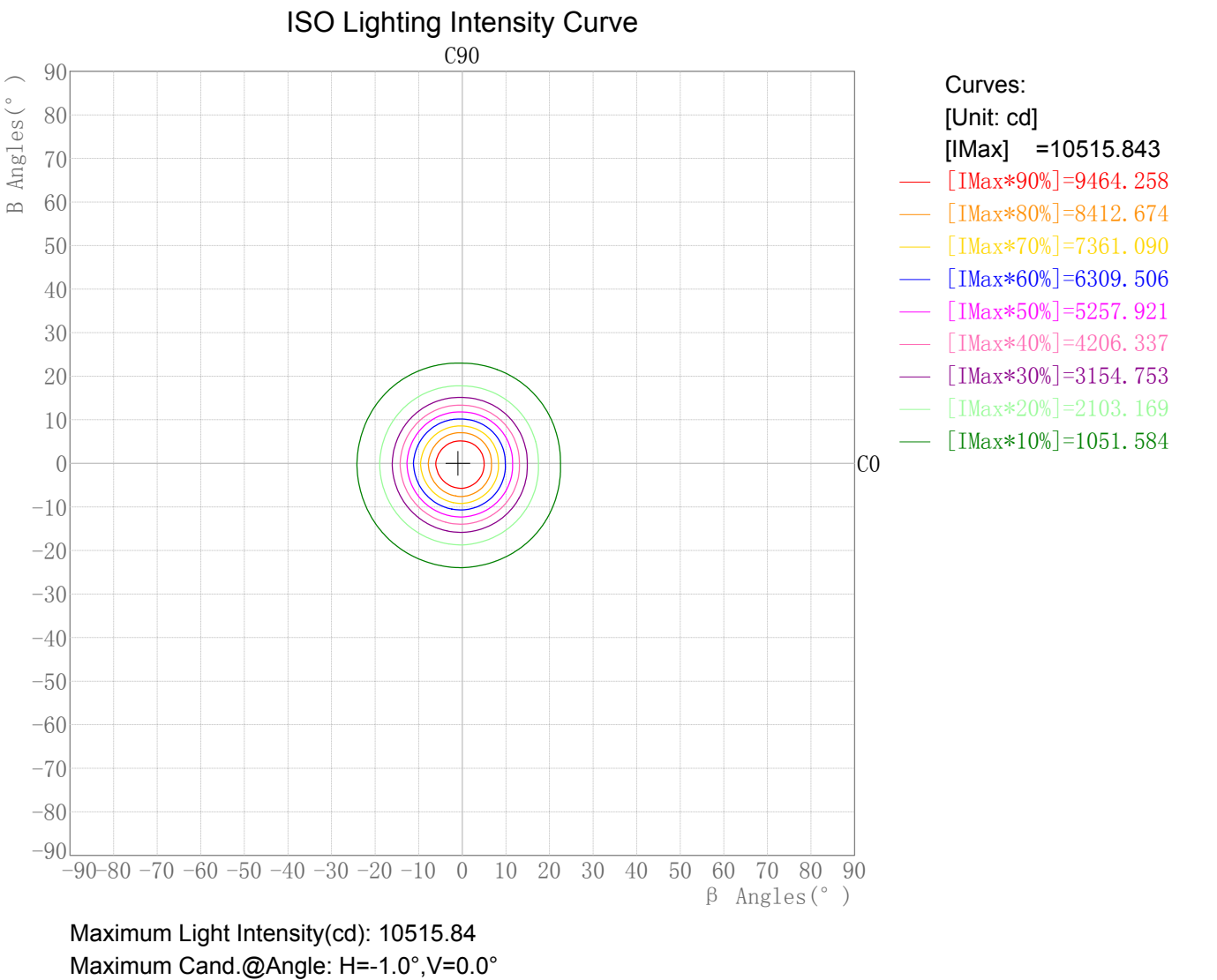
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	10.03	10.03	0.40	0.40	47.0-48.0	5.51	2395.68	0.22	95.37
1.0-2.0	29.88	39.91	1.19	1.59	48.0-49.0	5.07	2400.75	0.20	95.58
2.0-3.0	49.26	89.17	1.96	3.55	49.0-50.0	4.73	2405.48	0.19	95.76
3.0-4.0	67.87	157.04	2.70	6.25	50.0-51.0	4.48	2409.96	0.18	95.94
4.0-5.0	84.83	241.87	3.38	9.63	51.0-52.0	4.29	2414.25	0.17	96.11
5.0-6.0	99.12	340.99	3.95	13.57	52.0-53.0	4.13	2418.38	0.16	96.28
6.0-7.0	110.27	451.25	4.39	17.96	53.0-54.0	4.01	2422.38	0.16	96.44
7.0-8.0	118.35	569.61	4.71	22.68	54.0-55.0	3.90	2426.28	0.16	96.59
8.0-9.0	123.41	693.02	4.91	27.59	55.0-56.0	3.79	2430.08	0.15	96.74
9.0-10.0	125.86	818.88	5.01	32.60	56.0-57.0	3.69	2433.77	0.15	96.89
10.0-11.0	126.14	945.02	5.02	37.62	57.0-58.0	3.59	2437.36	0.14	97.03
11.0-12.0	123.59	1068.61	4.92	42.54	58.0-59.0	3.48	2440.84	0.14	97.17
12.0-13.0	118.13	1186.74	4.70	47.24	59.0-60.0	3.38	2444.22	0.13	97.31
13.0-14.0	110.63	1297.36	4.40	51.65	60.0-61.0	3.26	2447.48	0.13	97.44
14.0-15.0	101.73	1399.09	4.05	55.70	61.0-62.0	3.14	2450.62	0.13	97.56
15.0-16.0	92.50	1491.59	3.68	59.38	62.0-63.0	3.00	2453.62	0.12	97.68
16.0-17.0	84.19	1575.78	3.35	62.73	63.0-64.0	2.83	2456.45	0.11	97.79
17.0-18.0	76.95	1652.73	3.06	65.80	64.0-65.0	2.67	2459.12	0.11	97.90
18.0-19.0	70.67	1723.40	2.81	68.61	65.0-66.0	2.53	2461.65	0.10	98.00
19.0-20.0	65.18	1788.58	2.59	71.20	66.0-67.0	2.40	2464.05	0.10	98.10
20.0-21.0	60.09	1848.67	2.39	73.60	67.0-68.0	2.29	2466.34	0.09	98.19
21.0-22.0	55.22	1903.88	2.20	75.79	68.0-69.0	2.17	2468.51	0.09	98.27
22.0-23.0	50.43	1954.32	2.01	77.80	69.0-70.0	2.05	2470.56	0.08	98.35
23.0-24.0	45.62	1999.93	1.82	79.62	70.0-71.0	1.94	2472.49	0.08	98.43
24.0-25.0	41.01	2040.95	1.63	81.25	71.0-72.0	1.83	2474.32	0.07	98.50
25.0-26.0	36.97	2077.91	1.47	82.72	72.0-73.0	1.72	2476.04	0.07	98.57
26.0-27.0	33.41	2111.33	1.33	84.05	73.0-74.0	1.62	2477.65	0.06	98.64
27.0-28.0	30.16	2141.49	1.20	85.25	74.0-75.0	1.51	2479.17	0.06	98.70
28.0-29.0	27.18	2168.67	1.08	86.34	75.0-76.0	1.41	2480.58	0.06	98.75
29.0-30.0	24.49	2193.15	0.97	87.31	76.0-77.0	1.32	2481.90	0.05	98.81
30.0-31.0	22.05	2215.21	0.88	88.19	77.0-78.0	1.22	2483.12	0.05	98.85
31.0-32.0	19.88	2235.09	0.79	88.98	78.0-79.0	1.13	2484.25	0.05	98.90
32.0-33.0	17.91	2253.00	0.71	89.69	79.0-80.0	1.04	2485.29	0.04	98.94
33.0-34.0	16.14	2269.14	0.64	90.34	80.0-81.0	0.95	2486.25	0.04	98.98
34.0-35.0	14.60	2283.74	0.58	90.92	81.0-82.0	0.86	2487.11	0.03	99.01
35.0-36.0	13.29	2297.03	0.53	91.45	82.0-83.0	0.78	2487.90	0.03	99.04
36.0-37.0	12.14	2309.17	0.48	91.93	83.0-84.0	0.70	2488.60	0.03	99.07
37.0-38.0	11.13	2320.30	0.44	92.37	84.0-85.0	0.62	2489.22	0.02	99.10
38.0-39.0	10.23	2330.53	0.41	92.78	85.0-86.0	0.55	2489.77	0.02	99.12
39.0-40.0	9.43	2339.96	0.38	93.16	86.0-87.0	0.47	2490.24	0.02	99.14
40.0-41.0	8.70	2348.67	0.35	93.50	87.0-88.0	0.40	2490.64	0.02	99.15
41.0-42.0	8.05	2356.72	0.32	93.82	88.0-89.0	0.32	2490.97	0.01	99.17
42.0-43.0	7.49	2364.21	0.30	94.12	89.0-90.0	0.27	2491.23	0.01	99.18
43.0-44.0	7.04	2371.25	0.28	94.40	90.0-91.0	0.23	2491.47	0.01	99.19
44.0-45.0	6.66	2377.91	0.27	94.67	91.0-92.0	0.21	2491.67	0.01	99.19
45.0-46.0	6.31	2384.22	0.25	94.92	92.0-93.0	0.19	2491.86	0.01	99.20
46.0-47.0	5.95	2390.17	0.24	95.15	93.0-94.0	0.16	2492.02	0.01	99.21

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	0.14	2492.16	0.01	99.21	141.0-142.0	0.44	2496.11	0.02	99.37
95.0-96.0	0.12	2492.28	0.00	99.22	142.0-143.0	0.47	2496.58	0.02	99.39
96.0-97.0	0.10	2492.39	0.00	99.22	143.0-144.0	0.50	2497.07	0.02	99.41
97.0-98.0	0.09	2492.47	0.00	99.23	144.0-145.0	0.52	2497.60	0.02	99.43
98.0-99.0	0.07	2492.55	0.00	99.23	145.0-146.0	0.55	2498.14	0.02	99.45
99.0-100.0	0.06	2492.61	0.00	99.23	146.0-147.0	0.57	2498.71	0.02	99.47
100.0-101.0	0.04	2492.65	0.00	99.23	147.0-148.0	0.59	2499.30	0.02	99.50
101.0-102.0	0.03	2492.68	0.00	99.24	148.0-149.0	0.60	2499.90	0.02	99.52
102.0-103.0	0.02	2492.71	0.00	99.24	149.0-150.0	0.61	2500.51	0.02	99.55
103.0-104.0	0.02	2492.72	0.00	99.24	150.0-151.0	0.62	2501.12	0.02	99.57
104.0-105.0	0.01	2492.73	0.00	99.24	151.0-152.0	0.62	2501.74	0.02	99.60
105.0-106.0	0.01	2492.74	0.00	99.24	152.0-153.0	0.62	2502.36	0.02	99.62
106.0-107.0	0.01	2492.75	0.00	99.24	153.0-154.0	0.62	2502.98	0.02	99.64
107.0-108.0	0.00	2492.75	0.00	99.24	154.0-155.0	0.61	2503.59	0.02	99.67
108.0-109.0	0.00	2492.76	0.00	99.24	155.0-156.0	0.60	2504.19	0.02	99.69
109.0-110.0	0.00	2492.76	0.00	99.24	156.0-157.0	0.59	2504.77	0.02	99.72
110.0-111.0	0.00	2492.76	0.00	99.24	157.0-158.0	0.57	2505.35	0.02	99.74
111.0-112.0	0.00	2492.76	0.00	99.24	158.0-159.0	0.56	2505.90	0.02	99.76
112.0-113.0	0.00	2492.76	0.00	99.24	159.0-160.0	0.54	2506.44	0.02	99.78
113.0-114.0	0.00	2492.76	0.00	99.24	160.0-161.0	0.52	2506.96	0.02	99.80
114.0-115.0	0.00	2492.76	0.00	99.24	161.0-162.0	0.50	2507.46	0.02	99.82
115.0-116.0	0.00	2492.76	0.00	99.24	162.0-163.0	0.48	2507.93	0.02	99.84
116.0-117.0	0.00	2492.76	0.00	99.24	163.0-164.0	0.45	2508.38	0.02	99.86
117.0-118.0	0.00	2492.76	0.00	99.24	164.0-165.0	0.43	2508.81	0.02	99.88
118.0-119.0	0.00	2492.76	0.00	99.24	165.0-166.0	0.40	2509.21	0.02	99.89
119.0-120.0	0.00	2492.76	0.00	99.24	166.0-167.0	0.37	2509.59	0.01	99.91
120.0-121.0	0.00	2492.76	0.00	99.24	167.0-168.0	0.35	2509.93	0.01	99.92
121.0-122.0	0.00	2492.76	0.00	99.24	168.0-169.0	0.32	2510.25	0.01	99.93
122.0-123.0	0.00	2492.76	0.00	99.24	169.0-170.0	0.29	2510.54	0.01	99.95
123.0-124.0	0.00	2492.76	0.00	99.24	170.0-171.0	0.26	2510.80	0.01	99.96
124.0-125.0	0.01	2492.77	0.00	99.24	171.0-172.0	0.23	2511.03	0.01	99.97
125.0-126.0	0.02	2492.79	0.00	99.24	172.0-173.0	0.20	2511.24	0.01	99.97
126.0-127.0	0.02	2492.81	0.00	99.24	173.0-174.0	0.18	2511.41	0.01	99.98
127.0-128.0	0.03	2492.84	0.00	99.24	174.0-175.0	0.15	2511.56	0.01	99.99
128.0-129.0	0.05	2492.90	0.00	99.24	175.0-176.0	0.12	2511.68	0.00	99.99
129.0-130.0	0.07	2492.97	0.00	99.25	176.0-177.0	0.09	2511.78	0.00	100.00
130.0-131.0	0.10	2493.06	0.00	99.25	177.0-178.0	0.07	2511.85	0.00	100.00
131.0-132.0	0.12	2493.18	0.00	99.25	178.0-179.0	0.04	2511.89	0.00	100.00
132.0-133.0	0.15	2493.33	0.01	99.26	179.0-180.0	0.01	2511.90	0.00	100.00
133.0-134.0	0.18	2493.51	0.01	99.27					
134.0-135.0	0.21	2493.72	0.01	99.28					
135.0-136.0	0.24	2493.96	0.01	99.29					
136.0-137.0	0.27	2494.23	0.01	99.30					
137.0-138.0	0.31	2494.54	0.01	99.31					
138.0-139.0	0.34	2494.88	0.01	99.32					
139.0-140.0	0.38	2495.26	0.01	99.34					
140.0-141.0	0.41	2495.67	0.02	99.35					

Rectangle ISO Lighting Intensity Diagram

Lum. Name:TR04-30-XX-01 4000K RA90 24D	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



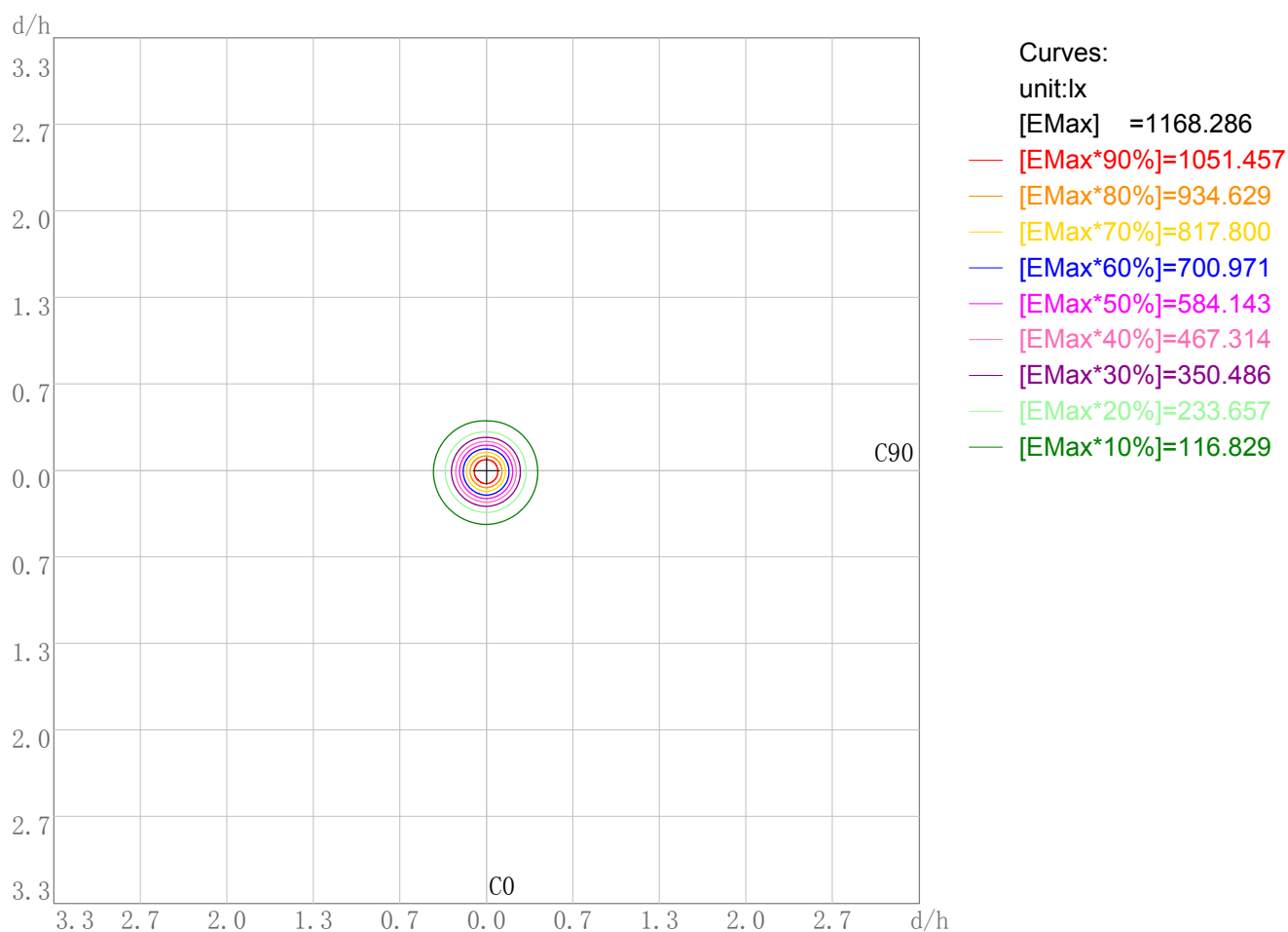
# IES Indoor Report

Photometric Filename:TR04-30-XX-01 4000K RA90 24D.IES

## Plane ISO-Illuminance Diagram

Lum. Name: TR04-30-XX-01 4000K RA90 24D	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): 1168.29

Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

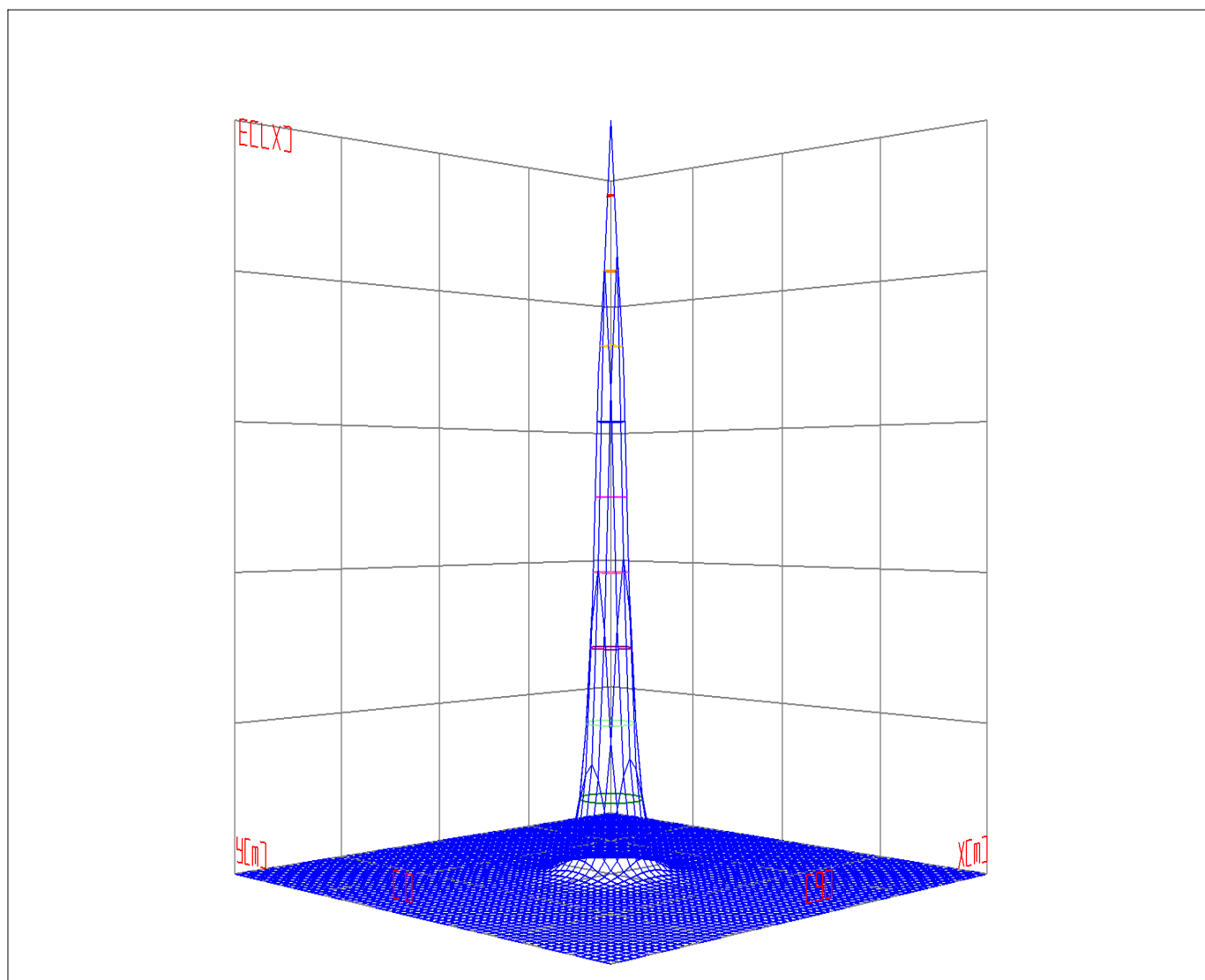
# IES Indoor Report

Photometric Filename:TR04-30-XX-01 4000K RA90 24D.IES

## 3D Plane ISO Illuminance Diagram

Lum. Name: TR04-30-XX-01 4000K RA90 24D	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



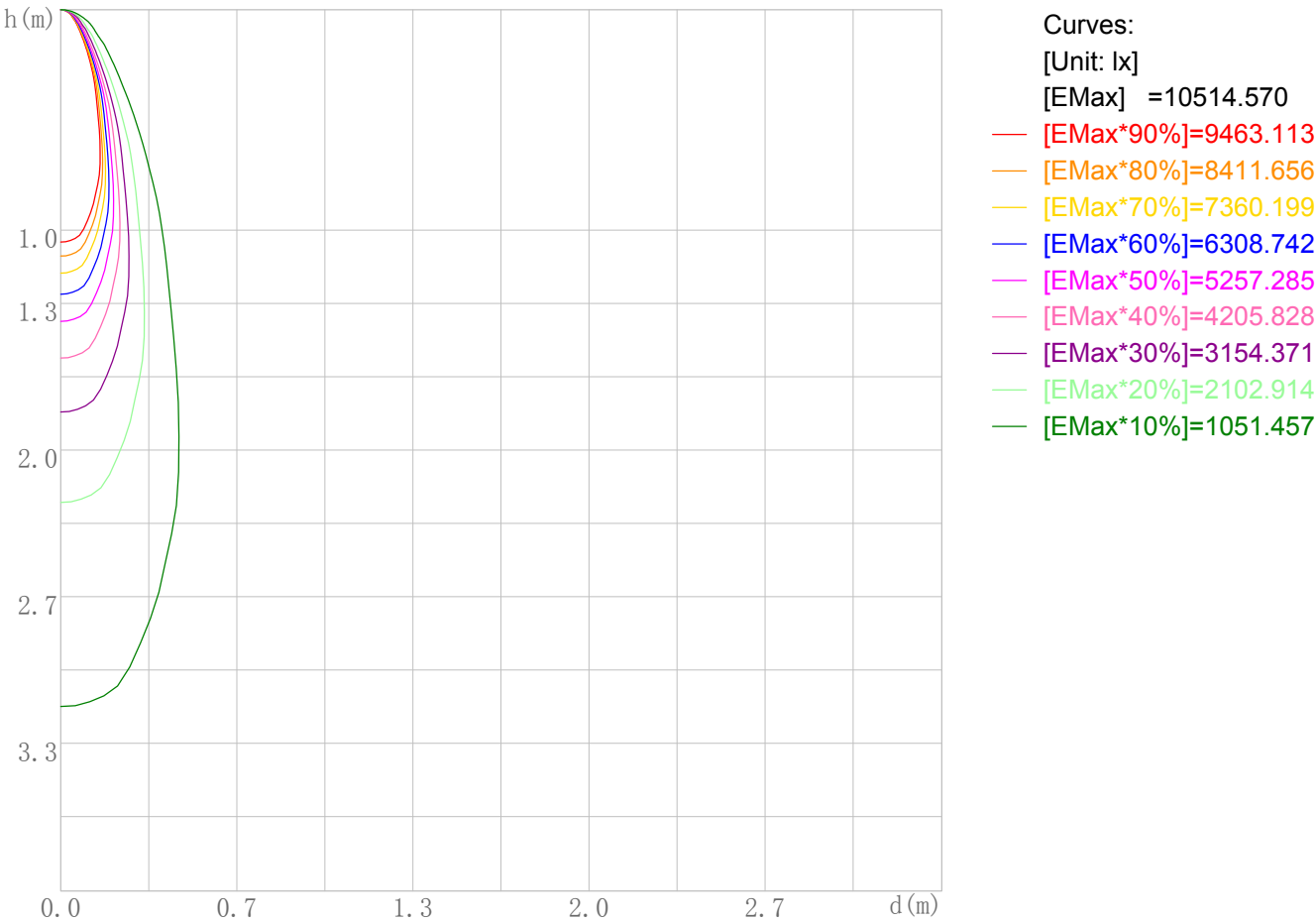
Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0



Space ISO Illuminance Diagram

Lum. Name:TR04-30-XX-01 4000K RA90 24D	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:10514.57lx,0.0deg  
Plane Maximum Lighting Intensity and @Angle:10514.570cd,0eg

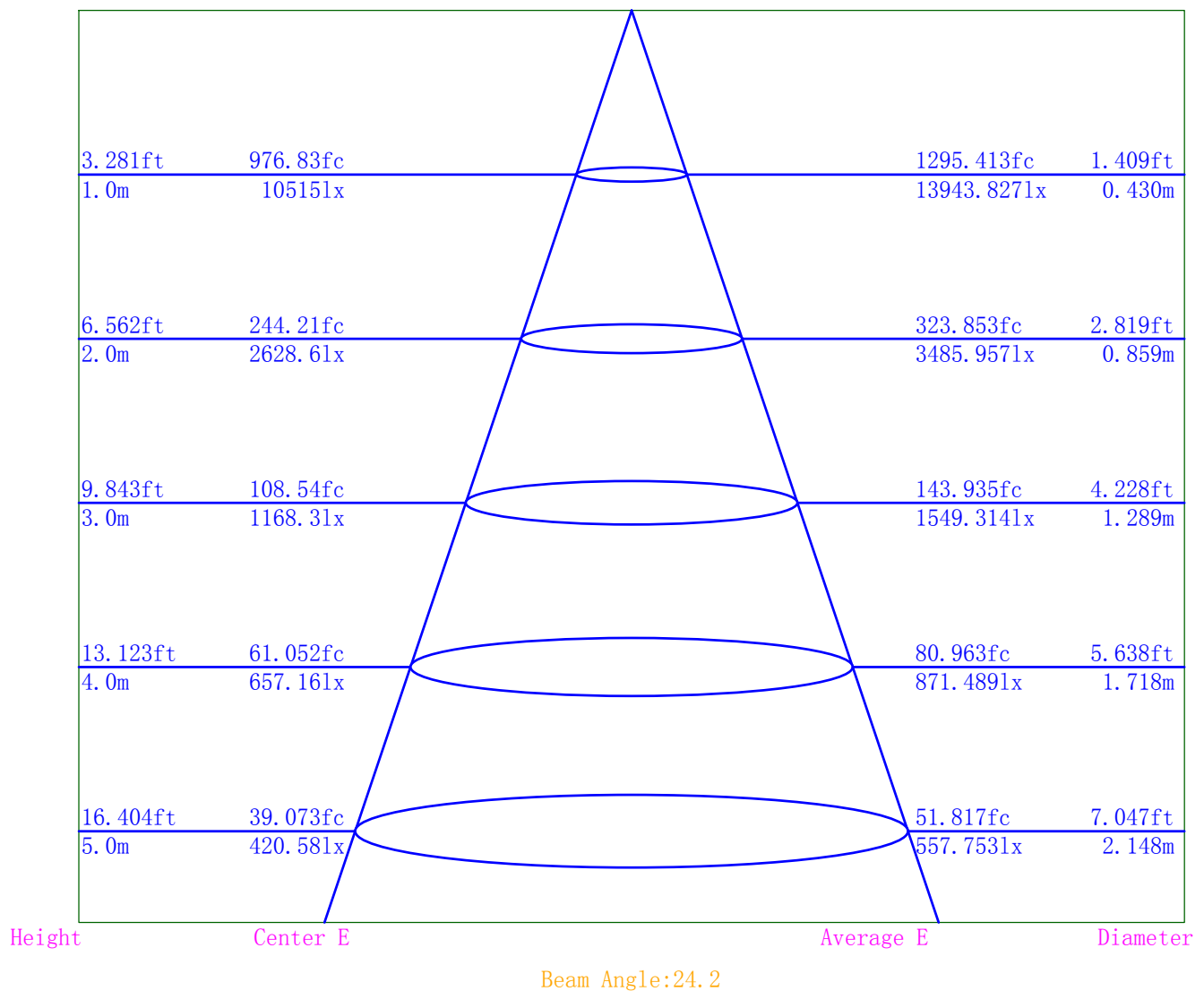
# IES Indoor Report

Photometric Filename:TR04-30-XX-01 4000K RA90 24D.IES

## Illuminance-Distance Diagram

Lum. Name: TR04-30-XX-01 4000K RA90 24D	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



# IES Indoor Report

Photometric Filename:TR04-30-XX-01 4000K RA90 24D.IES

## Indoor Luminance Limiting Curves

Lum. Name: TR04-30-XX-01 4000K RA90 24D	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

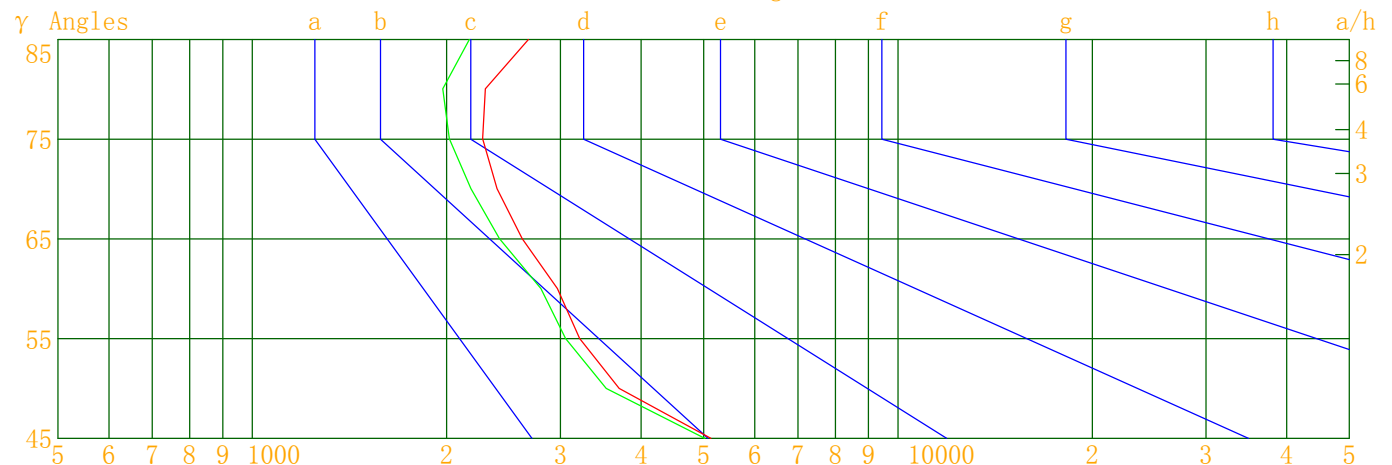
Glare Grade Table

GI	Quality	Using Illuminance							
1.15	A	2000	1000	500	$\leq 300$				
1.5	B		2000	1000	500	$\leq 300$			
1.85	C			2000	1000	500	$\leq 300$		
2.2	D				2000	1000	500	$\leq 300$	
2.55	E	a				2000	1000	500	$\leq 300$
			b	c	d	e	f	g	h

Luminance Table

Gama(deg)	45	50	55	60	65	70	75	80	85
C0	5133	3700	3214	2968	2617	2394	2273	2296	2677
C90	5020	3533	3056	2798	2415	2181	2020	1972	2168

Luminance Limiting Curve



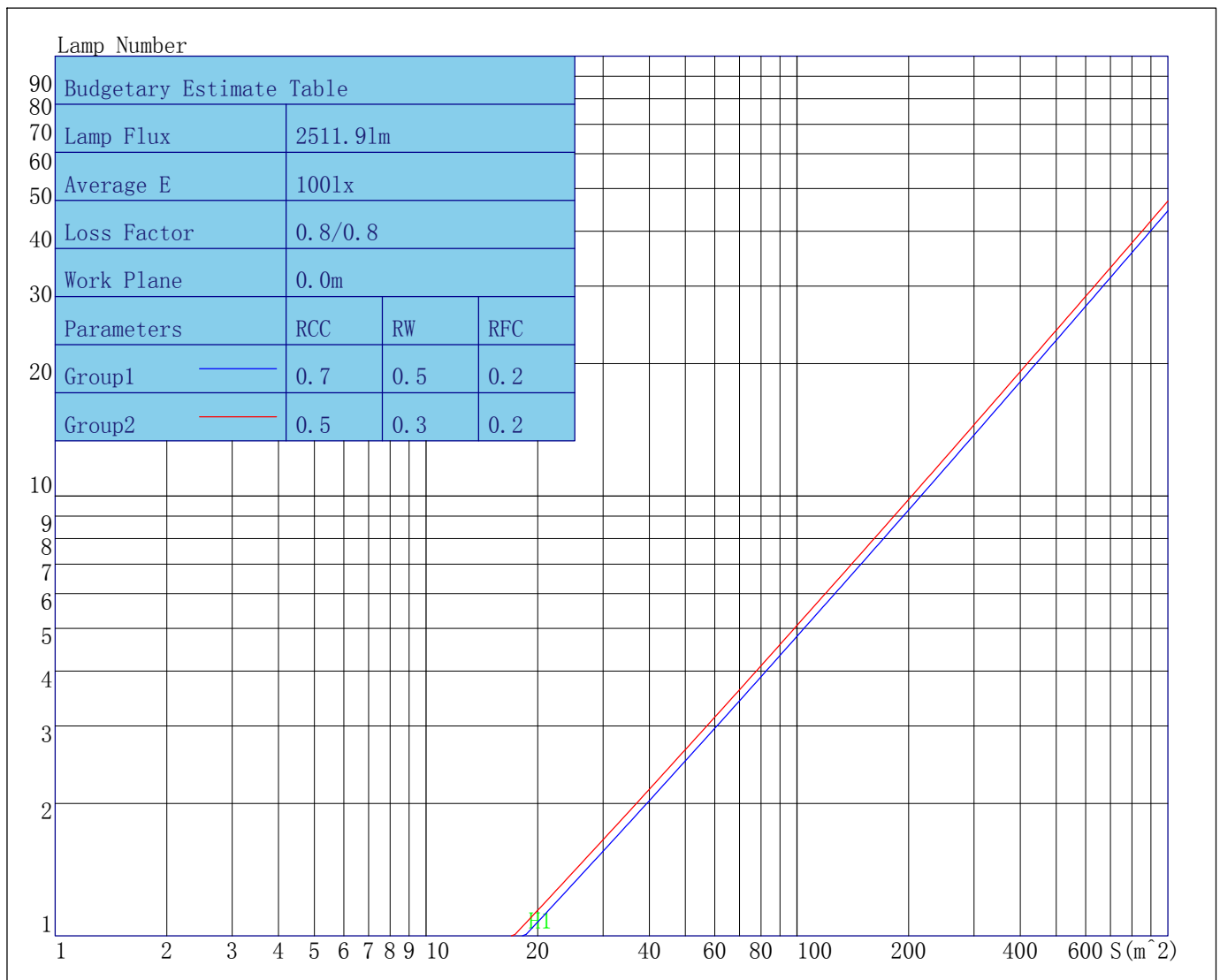
Luminous Size: Length(m)=0.070 Width(m)=0.070 Height(m)=0.266 Area(m<sup>2</sup>)=0.023520  
Luminous Type: Without Luminous Side  
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

# IES Indoor Report

Photometric Filename:TR04-30-XX-01 4000K RA90 24D.IES

## Indoor Budgetary Estimate Table

Lum. Name: TR04-30-XX-01 4000K RA90 24D	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 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 room parameters.

Unified Glare Rating Table

Lum. Name: TR04-30-XX-01 4000K RA90 24D	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

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 Y=3H Y=4H Y=6H Y=8H Y=12H	10.8	11.8	11.2	12.1	12.4	10.8	11.7	11.1	12.0	12.4
	11.5	12.3	11.9	12.7	13.1	11.3	12.2	11.7	12.5	12.9
	11.8	12.6	12.3	13.0	13.4	11.6	12.4	12.0	12.8	13.2
	12.1	12.8	12.6	13.2	13.6	11.8	12.5	12.3	12.9	13.3
	12.2	12.9	12.7	13.3	13.7	11.9	12.6	12.4	13.0	13.4
	12.4	13.0	12.8	13.4	13.8	12.0	12.6	12.4	13.0	13.5
X=4H    Y=2H Y=3H Y=4H Y=6H Y=8H Y=12H	11.0	11.8	11.4	12.2	12.6	10.9	11.7	11.4	12.1	12.5
	11.9	12.5	12.3	13.0	13.4	11.7	12.3	12.1	12.8	13.2
	12.3	12.9	12.8	13.3	13.8	12.1	12.6	12.5	13.1	13.6
	12.8	13.2	13.3	13.7	14.2	12.4	12.9	12.9	13.4	13.9
	13.0	13.4	13.4	13.9	14.4	12.6	13.0	13.1	13.5	14.0
	13.1	13.5	13.6	14.0	14.5	12.7	13.1	13.2	13.6	14.1
X=8H    Y=4H Y=6H Y=8H Y=12H	12.5	12.9	12.9	13.4	13.9	12.2	12.6	12.7	13.1	13.6
	13.0	13.4	13.6	13.9	14.4	12.7	13.0	13.2	13.5	14.1
	13.3	13.6	13.9	14.1	14.7	12.9	13.2	13.5	13.7	14.3
	13.6	13.9	14.1	14.4	15.0	13.1	13.4	13.7	13.9	14.5
X=12H    Y=4H Y=6H Y=8H	12.4	12.8	12.9	13.3	13.8	12.2	12.6	12.7	13.1	13.6
	13.1	13.4	13.6	13.8	14.4	12.7	13.0	13.3	13.5	14.1
	13.4	13.7	13.9	14.2	14.8	13.0	13.3	13.5	13.8	14.4
Variations with the objerver position at spacings										
S=1.0H	0.3/-0.3					0.4/-0.4				
S=1.5H	0.6/-0.7					0.7/-0.7				
S=2.0H	0.9/-0.9					1.0/-1.1				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	2.0					1.8				

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	10514.6	10514.6	10514.6	10514.6
γ 1.0	10493.9	10420.0	10515.8	10393.3
γ 2.0	10390.2	10286.2	10430.8	10335.4
γ 3.0	10239.0	10144.8	10325.8	10233.1
γ 4.0	9977.3	9965.3	10151.0	10064.6
γ 5.0	9466.4	9521.7	9924.0	9807.2
γ 6.0	8828.5	9038.5	9515.2	9340.8
γ 7.0	8210.0	8435.2	8911.0	8779.7
γ 8.0	7566.1	7766.9	8286.1	8193.5
γ 9.0	6840.4	7057.8	7699.7	7499.3
γ 10.0	6226.0	6409.6	7116.6	6781.3
γ 11.0	5625.3	5785.0	6454.0	6100.0
γ 12.0	4948.0	5117.3	5742.0	5451.1
γ 13.0	4267.9	4423.3	5053.8	4813.4
γ 14.0	3658.5	3790.0	4376.0	4188.0
γ 15.0	3099.3	3213.6	3722.4	3592.6
γ 16.0	2626.1	2730.7	3191.1	3075.5
γ 17.0	2242.2	2348.2	2752.3	2658.3
γ 18.0	1935.8	2034.9	2385.1	2310.9
γ 19.0	1687.5	1782.2	2088.8	2022.8
γ 20.0	1473.2	1570.5	1838.4	1780.8
γ 21.0	1287.6	1383.9	1615.4	1567.9
γ 22.0	1125.2	1211.7	1421.6	1377.3
γ 23.0	980.7	1051.5	1244.0	1202.1
γ 24.0	844.3	905.9	1076.1	1041.2
γ 25.0	726.8	787.0	931.0	902.5
γ 26.0	631.5	687.5	810.2	787.9
γ 27.0	550.3	600.3	707.2	688.2
γ 28.0	480.1	523.1	616.0	600.0
γ 29.0	420.9	457.4	534.8	523.4
γ 30.0	369.4	401.3	464.0	456.3
γ 31.0	325.7	352.4	403.6	397.3
γ 32.0	288.2	309.8	352.6	345.7
γ 33.0	255.2	272.2	306.3	302.0
γ 34.0	226.1	241.9	266.6	263.1
γ 35.0	203.2	215.2	233.6	231.3
γ 36.0	183.2	192.7	205.5	204.5
γ 37.0	165.9	173.1	181.8	182.0
γ 38.0	150.7	155.8	161.7	163.0
γ 39.0	137.1	140.5	144.2	146.4
γ 40.0	125.1	127.2	129.1	131.9
γ 41.0	114.7	115.4	115.5	118.7
γ 42.0	105.7	105.4	103.8	107.1
γ 43.0	97.9	97.1	94.8	97.5
γ 44.0	91.3	89.9	87.8	89.7
γ 45.0	85.4	83.5	82.0	83.5
γ 46.0	79.6	77.1	76.7	78.1

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	73.4	70.0	70.6	72.5
γ 48.0	66.3	62.8	63.7	66.0
γ 49.0	60.1	57.3	57.7	60.0
γ 50.0	55.9	53.4	53.6	55.3
γ 51.0	52.7	50.0	50.5	52.1
γ 52.0	49.8	47.3	47.9	49.4
γ 53.0	47.4	45.1	45.8	47.2
γ 54.0	45.3	43.1	44.2	45.5
γ 55.0	43.4	41.2	42.7	44.0
γ 56.0	41.5	39.4	41.2	42.5
γ 57.0	39.8	37.8	39.8	41.0
γ 58.0	38.1	36.2	38.3	39.6
γ 59.0	36.5	34.5	36.9	38.1
γ 60.0	34.9	32.9	35.5	36.7
γ 61.0	33.2	31.2	34.0	35.2
γ 62.0	31.6	29.4	32.4	33.7
γ 63.0	29.6	27.3	30.6	31.9
γ 64.0	27.6	25.6	28.3	29.7
γ 65.0	26.0	24.0	26.6	27.9
γ 66.0	24.5	22.5	25.0	26.2
γ 67.0	23.1	21.3	23.8	24.8
γ 68.0	21.8	20.0	22.5	23.4
γ 69.0	20.6	18.7	21.0	22.2
γ 70.0	19.3	17.5	19.8	20.7
γ 71.0	18.1	16.4	18.6	19.5
γ 72.0	16.9	15.3	17.3	18.3
γ 73.0	15.9	14.3	16.3	17.2
γ 74.0	14.9	13.2	15.2	16.0
γ 75.0	13.8	12.3	14.1	15.0
γ 76.0	12.8	11.4	13.1	14.0
γ 77.0	12.0	10.5	12.2	12.9
γ 78.0	11.1	9.7	11.2	12.0
γ 79.0	10.2	8.8	10.3	11.0
γ 80.0	9.4	8.1	9.4	10.1
γ 81.0	8.5	7.2	8.5	9.2
γ 82.0	7.7	6.5	7.8	8.4
γ 83.0	7.0	5.8	7.0	7.6
γ 84.0	6.2	5.1	6.2	6.8
γ 85.0	5.5	4.4	5.5	5.9
γ 86.0	4.8	3.8	4.8	5.3
γ 87.0	4.2	3.2	4.1	4.5
γ 88.0	3.5	2.5	3.4	3.7
γ 89.0	2.8	1.9	2.8	3.1
γ 90.0	2.5	1.7	2.3	2.5
γ 91.0	2.3	1.4	2.0	2.2
γ 92.0	2.2	1.3	1.8	2.0
γ 93.0	2.0	1.2	1.5	1.7



Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	1.7	1.0	1.3	1.5
γ 95.0	1.6	0.8	1.1	1.3
γ 96.0	1.4	0.7	0.9	1.0
γ 97.0	1.2	0.6	0.7	0.9
γ 98.0	1.2	0.5	0.6	0.7
γ 99.0	1.0	0.5	0.4	0.5
γ 100.0	0.9	0.2	0.3	0.4
γ 101.0	0.8	0.2	0.3	0.3
γ 102.0	0.7	0.1	0.1	0.1
γ 103.0	0.6	0.0	0.0	0.0
γ 104.0	0.5	0.0	0.0	0.0
γ 105.0	0.4	0.0	0.0	0.0
γ 106.0	0.3	0.0	0.0	0.0
γ 107.0	0.2	0.0	0.0	0.0
γ 108.0	0.1	0.0	0.0	0.0
γ 109.0	0.0	0.0	0.0	0.0
γ 110.0	0.0	0.0	0.0	0.0
γ 111.0	0.0	0.0	0.0	0.0
γ 112.0	0.0	0.0	0.0	0.0
γ 113.0	0.0	0.0	0.0	0.0
γ 114.0	0.0	0.0	0.0	0.0
γ 115.0	0.0	0.0	0.0	0.0
γ 116.0	0.0	0.0	0.0	0.0
γ 117.0	0.0	0.0	0.0	0.0
γ 118.0	0.0	0.0	0.0	0.0
γ 119.0	0.0	0.0	0.0	0.0
γ 120.0	0.0	0.0	0.0	0.0
γ 121.0	0.0	0.0	0.0	0.0
γ 122.0	0.0	0.0	0.0	0.0
γ 123.0	0.0	0.0	0.1	0.0
γ 124.0	0.0	0.0	0.3	0.0
γ 125.0	0.0	0.0	0.4	0.2
γ 126.0	0.0	0.0	0.6	0.3
γ 127.0	0.1	0.0	0.7	0.4
γ 128.0	0.3	0.0	1.0	0.7
γ 129.0	0.5	0.2	1.3	0.8
γ 130.0	0.8	0.5	1.5	1.2
γ 131.0	1.1	0.8	1.9	1.4
γ 132.0	1.4	1.1	2.2	1.9
γ 133.0	1.8	1.6	2.6	2.2
γ 134.0	2.2	1.9	2.9	2.6
γ 135.0	2.7	2.4	3.4	3.1
γ 136.0	3.1	2.9	3.9	3.5
γ 137.0	3.7	3.4	4.4	4.1
γ 138.0	4.2	4.0	4.9	4.5
γ 139.0	4.8	4.5	5.5	5.2
γ 140.0	5.3	5.1	6.1	5.7

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	5.9	5.7	6.6	6.3
γ 142.0	6.6	6.3	7.3	6.9
γ 143.0	7.1	6.8	7.9	7.5
γ 144.0	7.7	7.4	8.5	8.0
γ 145.0	8.3	8.0	9.1	8.6
γ 146.0	8.9	8.6	9.8	9.1
γ 147.0	9.4	9.2	10.3	9.7
γ 148.0	10.0	9.6	10.9	10.2
γ 149.0	10.5	10.2	11.3	10.7
γ 150.0	11.0	10.7	11.9	11.3
γ 151.0	11.5	11.0	12.3	11.6
γ 152.0	11.9	11.5	12.8	12.1
γ 153.0	12.3	11.8	13.2	12.4
γ 154.0	12.7	12.1	13.6	12.7
γ 155.0	13.0	12.4	13.8	13.0
γ 156.0	13.3	12.7	14.0	13.2
γ 157.0	13.5	12.9	14.4	13.4
γ 158.0	13.7	13.1	14.6	13.6
γ 159.0	14.0	13.3	14.8	13.8
γ 160.0	14.0	13.4	14.9	14.0
γ 161.0	14.3	13.7	15.1	14.0
γ 162.0	14.4	13.7	15.2	14.1
γ 163.0	14.5	13.8	15.2	14.3
γ 164.0	14.5	13.9	15.3	14.3
γ 165.0	14.7	14.1	15.4	14.3
γ 166.0	14.6	14.1	15.3	14.3
γ 167.0	14.5	14.2	15.4	14.4
γ 168.0	14.5	14.1	15.3	14.2
γ 169.0	14.6	14.1	15.3	14.2
γ 170.0	14.5	14.0	15.2	14.0
γ 171.0	14.4	14.0	15.2	14.0
γ 172.0	14.4	14.0	15.0	13.9
γ 173.0	14.3	14.0	15.0	13.7
γ 174.0	14.3	13.9	14.9	13.7
γ 175.0	14.2	14.0	14.8	13.7
γ 176.0	14.3	14.0	14.7	13.7
γ 177.0	14.3	13.9	14.6	13.6
γ 178.0	14.3	14.0	14.6	13.7
γ 179.0	14.4	14.0	14.7	13.7
γ 180.0	14.3	14.3	14.3	14.3