

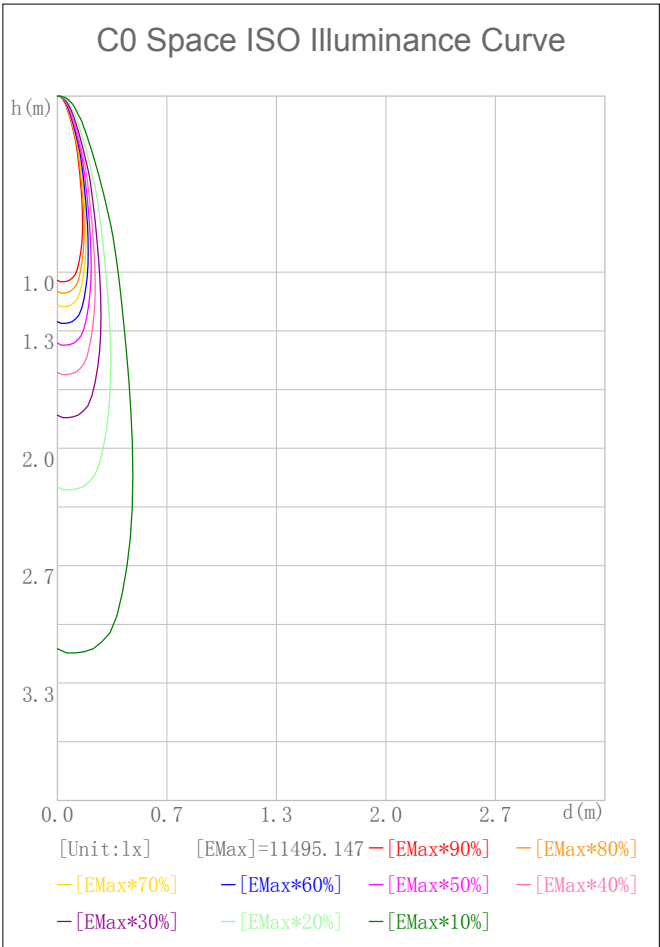
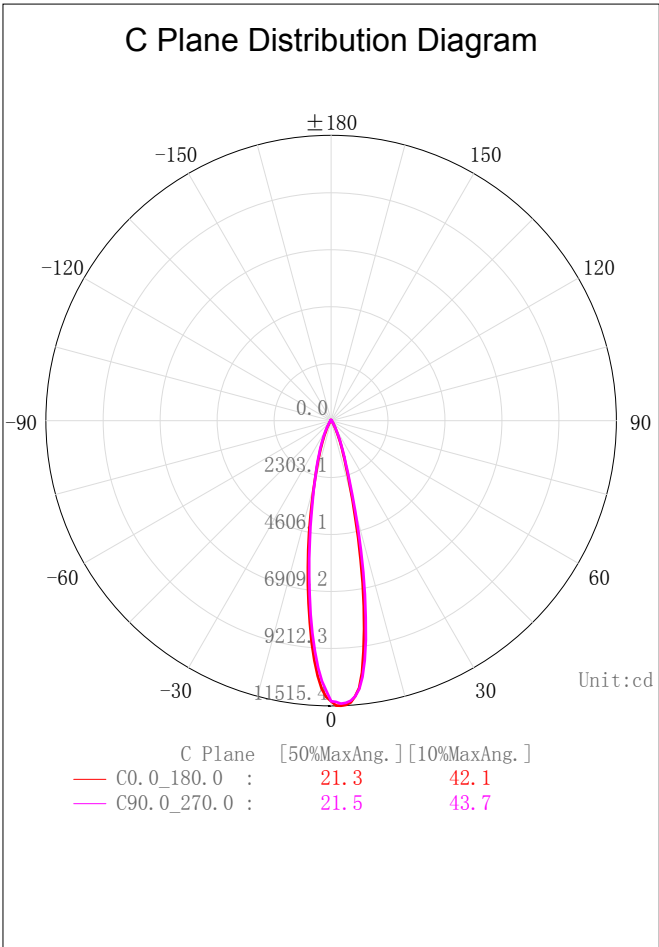
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR05-30-XX-01 2700K RA90 24D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/12/17
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

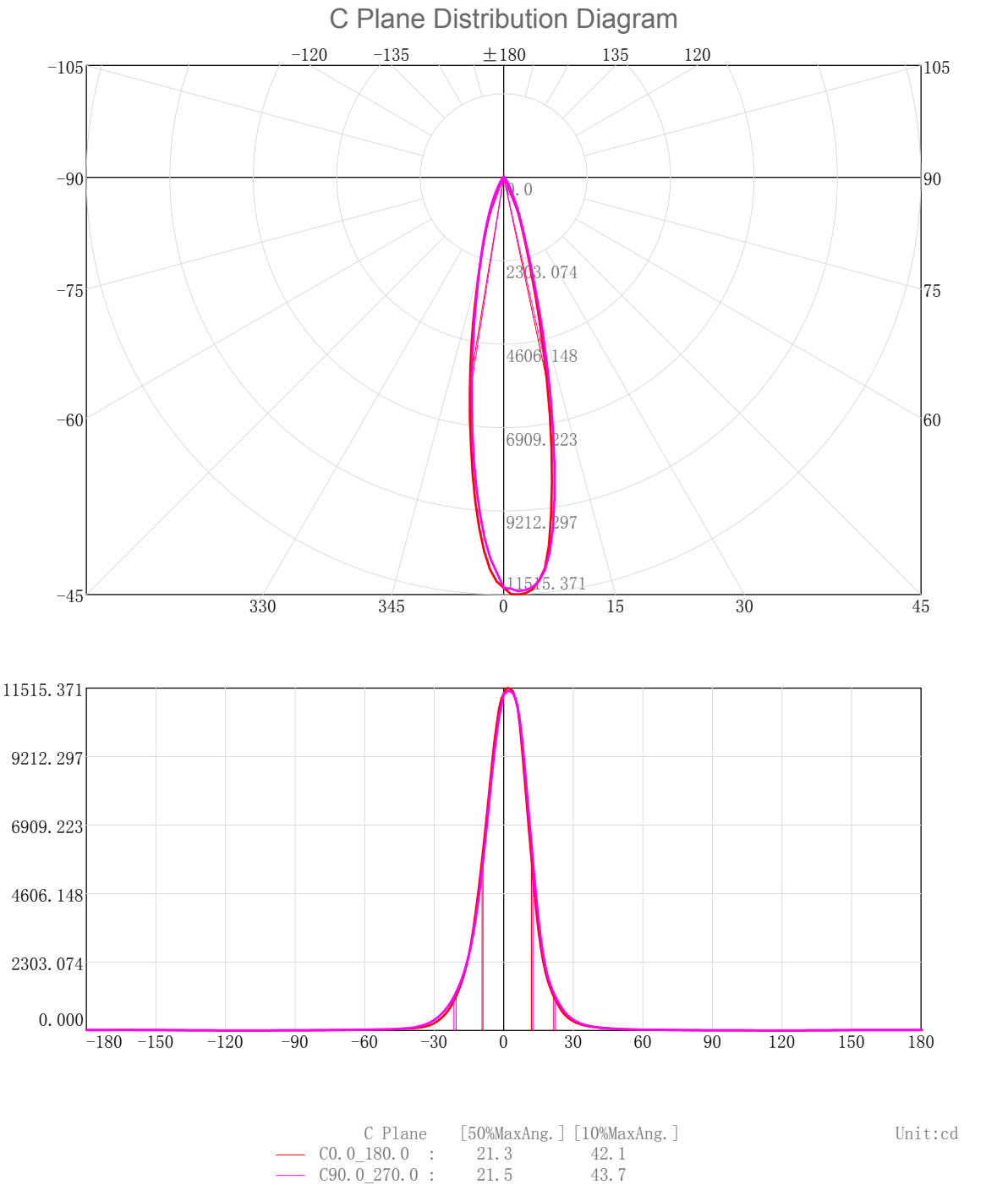
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 2356.990	Luminary Flux(lm): 2356.995	Field Angle(10%Imax): 42.1(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 2296.902lm 97.45%	
Rated Voltage(V):	Luminary EER(lm/W): 77.482	Up Lumens&Percent: 60.092lm 2.55%	
Tested Power(W): 30.420	Max. Candela(cd): 11515.371	S/MH: C0_a180=0.368 C90_270=0.369	
Lamps' Inside: 1	Max Cand@Ang. (°) : C=0.0 γ=2.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf) :240.2, 0.131, 0.967	Beam Angle(50%Imax): 21.3(°)	ErP ϕ use(90°):	2197.023lm
Lamp Size(W*L*H) :0.070m*0.070m*0.266m	Left=-9.3° , Right=12.0°	IRF(%):	1019.753



2D Plane Light Intensity Distribution Curve

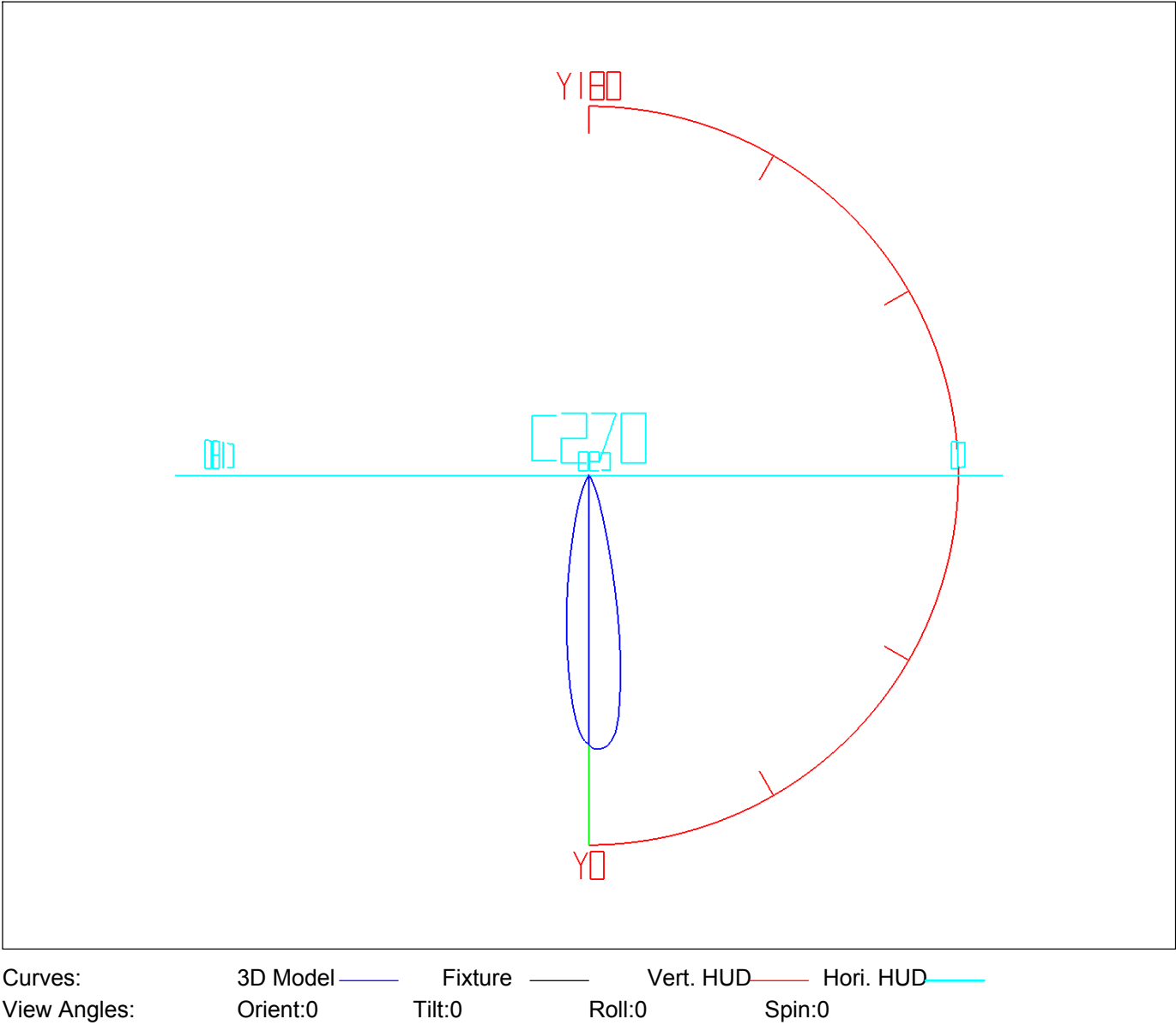
Lum. Name:TR05-30-XX-01 2700K RA90 24D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:QQualty peatment
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/12/17



3D Light Intensity Distribution Modal

Lum. Name:TR05-30-XX-01 2700K 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:2019/12/17

3D Light Intensity Distribution Modal



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	10.79	10.79	0.46	0.46	47.0-48.0	4.41	2201.97	0.19	93.42
1.0-2.0	32.01	42.80	1.36	1.82	48.0-49.0	4.16	2206.13	0.18	93.60
2.0-3.0	52.32	95.12	2.22	4.04	49.0-50.0	3.92	2210.06	0.17	93.77
3.0-4.0	71.10	166.22	3.02	7.05	50.0-51.0	3.74	2213.79	0.16	93.92
4.0-5.0	87.87	254.08	3.73	10.78	51.0-52.0	3.60	2217.39	0.15	94.08
5.0-6.0	102.15	356.23	4.33	15.11	52.0-53.0	3.49	2220.88	0.15	94.23
6.0-7.0	113.25	469.48	4.80	19.92	53.0-54.0	3.39	2224.27	0.14	94.37
7.0-8.0	120.56	590.04	5.12	25.03	54.0-55.0	3.30	2227.57	0.14	94.51
8.0-9.0	124.18	714.23	5.27	30.30	55.0-56.0	3.22	2230.79	0.14	94.65
9.0-10.0	124.37	838.60	5.28	35.58	56.0-57.0	3.14	2233.93	0.13	94.78
10.0-11.0	121.63	960.22	5.16	40.74	57.0-58.0	3.07	2236.99	0.13	94.91
11.0-12.0	116.38	1076.60	4.94	45.68	58.0-59.0	2.99	2239.98	0.13	95.04
12.0-13.0	109.02	1185.62	4.63	50.30	59.0-60.0	2.91	2242.89	0.12	95.16
13.0-14.0	100.45	1286.08	4.26	54.56	60.0-61.0	2.83	2245.73	0.12	95.28
14.0-15.0	91.53	1377.61	3.88	58.45	61.0-62.0	2.75	2248.48	0.12	95.40
15.0-16.0	82.81	1460.42	3.51	61.96	62.0-63.0	2.67	2251.15	0.11	95.51
16.0-17.0	74.76	1535.18	3.17	65.13	63.0-64.0	2.59	2253.74	0.11	95.62
17.0-18.0	67.60	1602.78	2.87	68.00	64.0-65.0	2.51	2256.25	0.11	95.73
18.0-19.0	61.25	1664.03	2.60	70.60	65.0-66.0	2.43	2258.68	0.10	95.83
19.0-20.0	55.63	1719.66	2.36	72.96	66.0-67.0	2.35	2261.03	0.10	95.93
20.0-21.0	50.57	1770.23	2.15	75.11	67.0-68.0	2.27	2263.30	0.10	96.03
21.0-22.0	45.91	1816.14	1.95	77.05	68.0-69.0	2.19	2265.49	0.09	96.12
22.0-23.0	41.59	1857.72	1.76	78.82	69.0-70.0	2.12	2267.61	0.09	96.21
23.0-24.0	37.49	1895.22	1.59	80.41	70.0-71.0	2.04	2269.65	0.09	96.29
24.0-25.0	33.58	1928.80	1.42	81.83	71.0-72.0	1.97	2271.62	0.08	96.38
25.0-26.0	29.89	1958.69	1.27	83.10	72.0-73.0	1.90	2273.52	0.08	96.46
26.0-27.0	26.55	1985.24	1.13	84.23	73.0-74.0	1.83	2275.35	0.08	96.54
27.0-28.0	23.61	2008.85	1.00	85.23	74.0-75.0	1.77	2277.12	0.08	96.61
28.0-29.0	21.04	2029.89	0.89	86.12	75.0-76.0	1.70	2278.82	0.07	96.68
29.0-30.0	18.74	2048.63	0.79	86.92	76.0-77.0	1.65	2280.47	0.07	96.75
30.0-31.0	16.69	2065.31	0.71	87.63	77.0-78.0	1.59	2282.06	0.07	96.82
31.0-32.0	14.91	2080.23	0.63	88.26	78.0-79.0	1.53	2283.59	0.06	96.89
32.0-33.0	13.38	2093.61	0.57	88.83	79.0-80.0	1.47	2285.06	0.06	96.95
33.0-34.0	12.03	2105.64	0.51	89.34	80.0-81.0	1.42	2286.48	0.06	97.01
34.0-35.0	10.87	2116.51	0.46	89.80	81.0-82.0	1.36	2287.84	0.06	97.07
35.0-36.0	9.88	2126.39	0.42	90.22	82.0-83.0	1.31	2289.14	0.06	97.12
36.0-37.0	9.03	2135.41	0.38	90.60	83.0-84.0	1.26	2290.40	0.05	97.17
37.0-38.0	8.28	2143.70	0.35	90.95	84.0-85.0	1.20	2291.60	0.05	97.23
38.0-39.0	7.63	2151.33	0.32	91.27	85.0-86.0	1.15	2292.76	0.05	97.27
39.0-40.0	7.07	2158.40	0.30	91.57	86.0-87.0	1.10	2293.86	0.05	97.32
40.0-41.0	6.61	2165.01	0.28	91.85	87.0-88.0	1.05	2294.91	0.04	97.37
41.0-42.0	6.22	2171.24	0.26	92.12	88.0-89.0	1.01	2295.92	0.04	97.41
42.0-43.0	5.89	2177.13	0.25	92.37	89.0-90.0	0.98	2296.90	0.04	97.45
43.0-44.0	5.59	2182.72	0.24	92.61	90.0-91.0	0.94	2297.85	0.04	97.49
44.0-45.0	5.27	2187.98	0.22	92.83	91.0-92.0	0.91	2298.76	0.04	97.53
45.0-46.0	4.94	2192.92	0.21	93.04	92.0-93.0	0.89	2299.64	0.04	97.57
46.0-47.0	4.65	2197.56	0.20	93.24	93.0-94.0	0.87	2300.51	0.04	97.60

IES Indoor Report

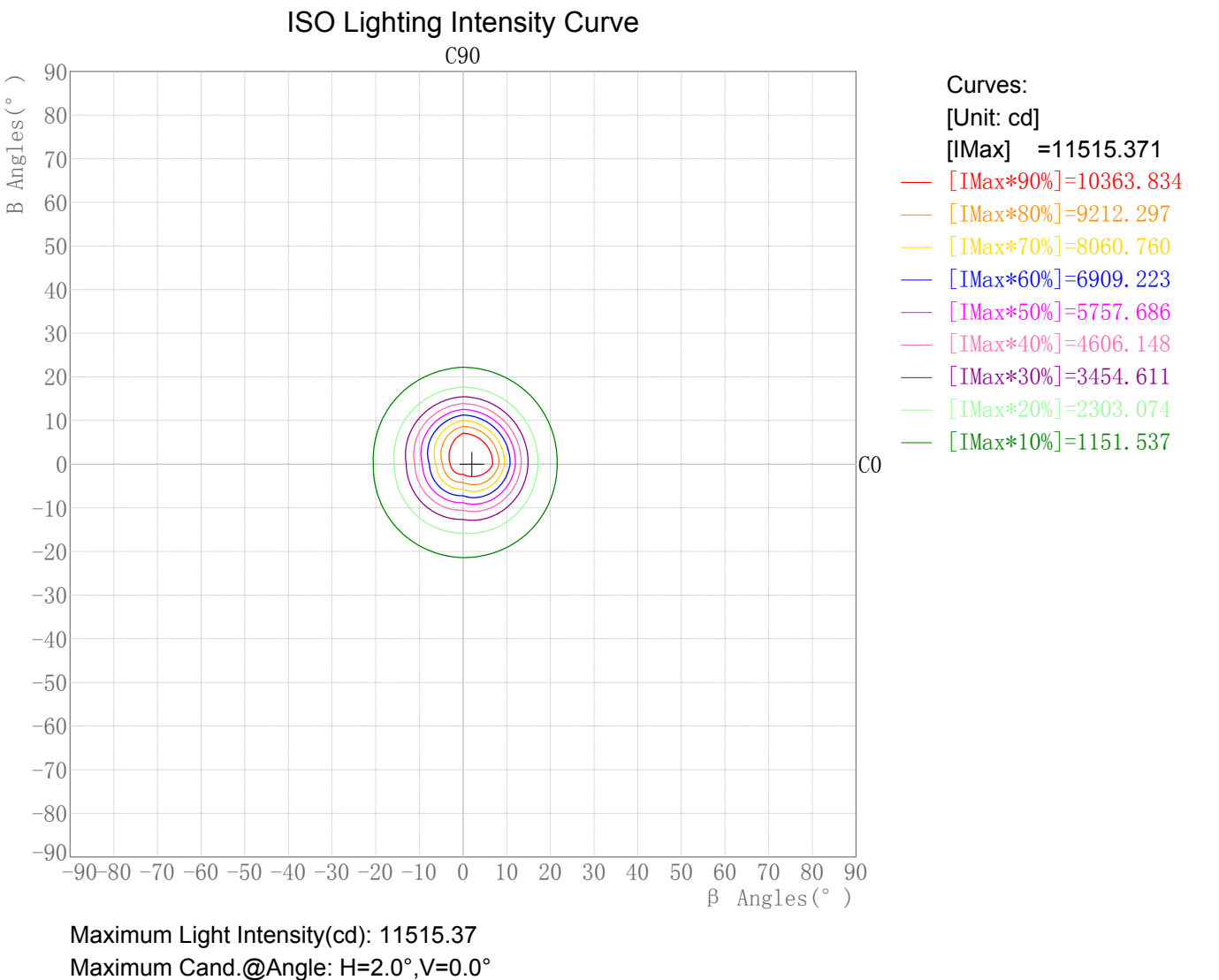
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Zonal Flux Tabulation - (Cont.)

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	0.85	2301.36	0.04	97.64	141.0-142.0	0.86	2333.42	0.04	99.00
95.0-96.0	0.83	2302.19	0.04	97.68	142.0-143.0	0.88	2334.30	0.04	99.04
96.0-97.0	0.81	2303.00	0.03	97.71	143.0-144.0	0.90	2335.20	0.04	99.08
97.0-98.0	0.80	2303.80	0.03	97.74	144.0-145.0	0.91	2336.12	0.04	99.11
98.0-99.0	0.78	2304.58	0.03	97.78	145.0-146.0	0.93	2337.04	0.04	99.15
99.0-100.0	0.77	2305.35	0.03	97.81	146.0-147.0	0.93	2337.98	0.04	99.19
100.0-101.0	0.75	2306.10	0.03	97.84	147.0-148.0	0.94	2338.92	0.04	99.23
101.0-102.0	0.74	2306.84	0.03	97.87	148.0-149.0	0.94	2339.86	0.04	99.27
102.0-103.0	0.73	2307.57	0.03	97.90	149.0-150.0	0.94	2340.80	0.04	99.31
103.0-104.0	0.72	2308.29	0.03	97.93	150.0-151.0	0.94	2341.74	0.04	99.35
104.0-105.0	0.71	2309.00	0.03	97.96	151.0-152.0	0.93	2342.67	0.04	99.39
105.0-106.0	0.70	2309.69	0.03	97.99	152.0-153.0	0.92	2343.58	0.04	99.43
106.0-107.0	0.69	2310.38	0.03	98.02	153.0-154.0	0.90	2344.49	0.04	99.47
107.0-108.0	0.68	2311.06	0.03	98.05	154.0-155.0	0.88	2345.37	0.04	99.51
108.0-109.0	0.67	2311.73	0.03	98.08	155.0-156.0	0.86	2346.23	0.04	99.54
109.0-110.0	0.66	2312.39	0.03	98.11	156.0-157.0	0.84	2347.07	0.04	99.58
110.0-111.0	0.65	2313.05	0.03	98.14	157.0-158.0	0.82	2347.89	0.03	99.61
111.0-112.0	0.65	2313.69	0.03	98.16	158.0-159.0	0.79	2348.68	0.03	99.65
112.0-113.0	0.64	2314.33	0.03	98.19	159.0-160.0	0.76	2349.43	0.03	99.68
113.0-114.0	0.63	2314.96	0.03	98.22	160.0-161.0	0.73	2350.16	0.03	99.71
114.0-115.0	0.62	2315.59	0.03	98.24	161.0-162.0	0.69	2350.85	0.03	99.74
115.0-116.0	0.62	2316.20	0.03	98.27	162.0-163.0	0.66	2351.51	0.03	99.77
116.0-117.0	0.61	2316.82	0.03	98.30	163.0-164.0	0.63	2352.14	0.03	99.79
117.0-118.0	0.60	2317.42	0.03	98.32	164.0-165.0	0.59	2352.73	0.03	99.82
118.0-119.0	0.60	2318.02	0.03	98.35	165.0-166.0	0.55	2353.28	0.02	99.84
119.0-120.0	0.59	2318.61	0.03	98.37	166.0-167.0	0.52	2353.80	0.02	99.86
120.0-121.0	0.59	2319.20	0.02	98.40	167.0-168.0	0.48	2354.27	0.02	99.88
121.0-122.0	0.59	2319.78	0.02	98.42	168.0-169.0	0.44	2354.71	0.02	99.90
122.0-123.0	0.58	2320.37	0.02	98.45	169.0-170.0	0.40	2355.11	0.02	99.92
123.0-124.0	0.58	2320.95	0.02	98.47	170.0-171.0	0.36	2355.47	0.02	99.94
124.0-125.0	0.58	2321.53	0.02	98.50	171.0-172.0	0.32	2355.79	0.01	99.95
125.0-126.0	0.58	2322.12	0.02	98.52	172.0-173.0	0.28	2356.08	0.01	99.96
126.0-127.0	0.59	2322.71	0.03	98.55	173.0-174.0	0.24	2356.32	0.01	99.97
127.0-128.0	0.60	2323.30	0.03	98.57	174.0-175.0	0.21	2356.53	0.01	99.98
128.0-129.0	0.61	2323.91	0.03	98.60	175.0-176.0	0.17	2356.70	0.01	99.99
129.0-130.0	0.62	2324.53	0.03	98.62	176.0-177.0	0.13	2356.83	0.01	99.99
130.0-131.0	0.63	2325.16	0.03	98.65	177.0-178.0	0.09	2356.92	0.00	100.00
131.0-132.0	0.64	2325.80	0.03	98.68	178.0-179.0	0.06	2356.98	0.00	100.00
132.0-133.0	0.66	2326.47	0.03	98.70	179.0-180.0	0.02	2356.99	0.00	100.00
133.0-134.0	0.68	2327.15	0.03	98.73					
134.0-135.0	0.70	2327.85	0.03	98.76					
135.0-136.0	0.73	2328.57	0.03	98.79					
136.0-137.0	0.75	2329.32	0.03	98.83					
137.0-138.0	0.77	2330.10	0.03	98.86					
138.0-139.0	0.80	2330.90	0.03	98.89					
139.0-140.0	0.82	2331.72	0.03	98.93					
140.0-141.0	0.84	2332.56	0.04	98.96					

Rectangle ISO Lighting Intensity Diagram

Lum. Name:TR05-30-XX-01 2700K RA90 24D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality peatment
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/12/17



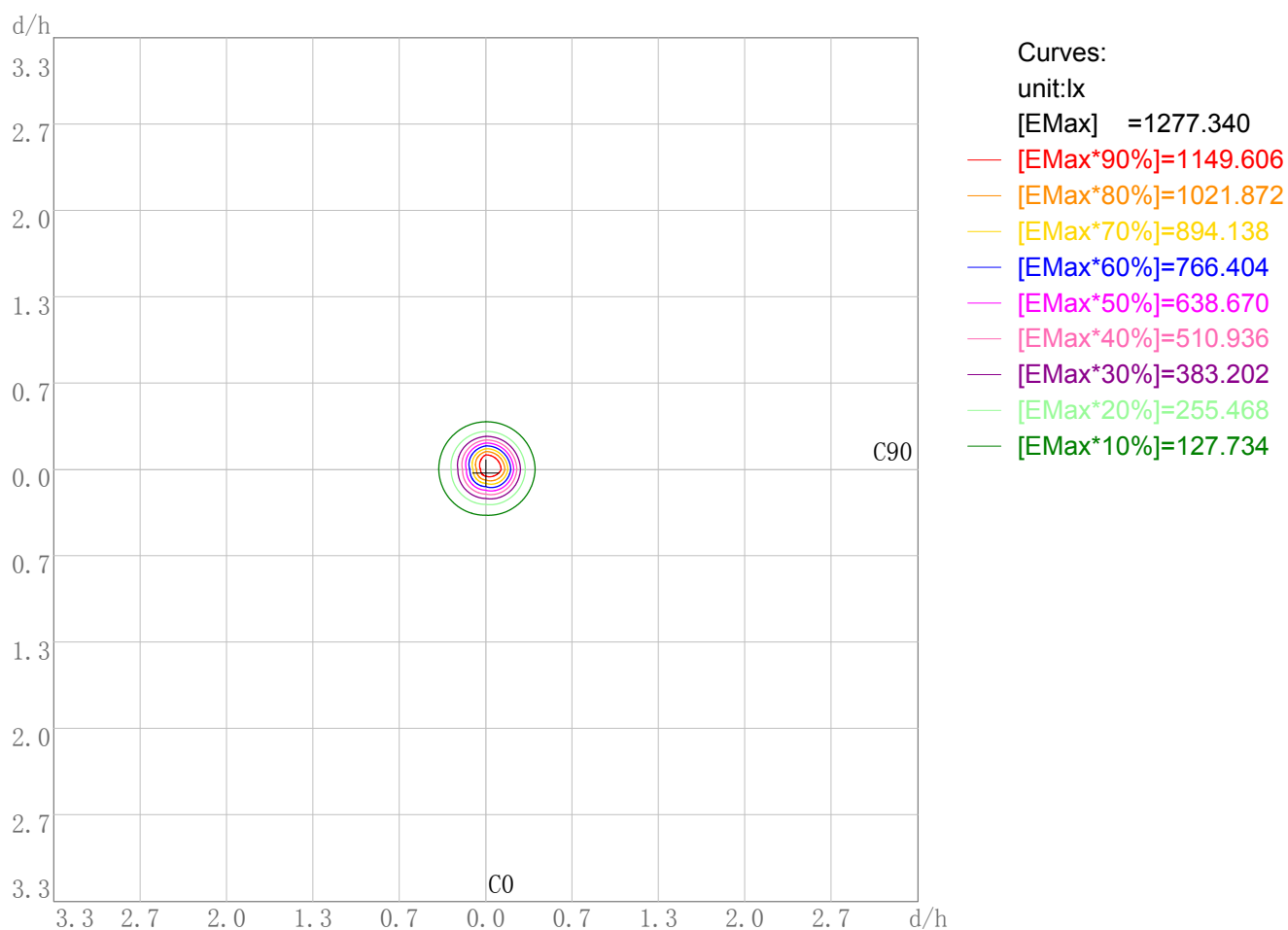
IES Indoor Report

Photometric Filename:TR05-30-XX-01 2700K RA90 24D IES.IES

Plane ISO-Illuminance Diagram

Lum. Name: TR05-30-XX-01 2700K 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: 2019/12/17

Plane ISO-Illuminance Curve



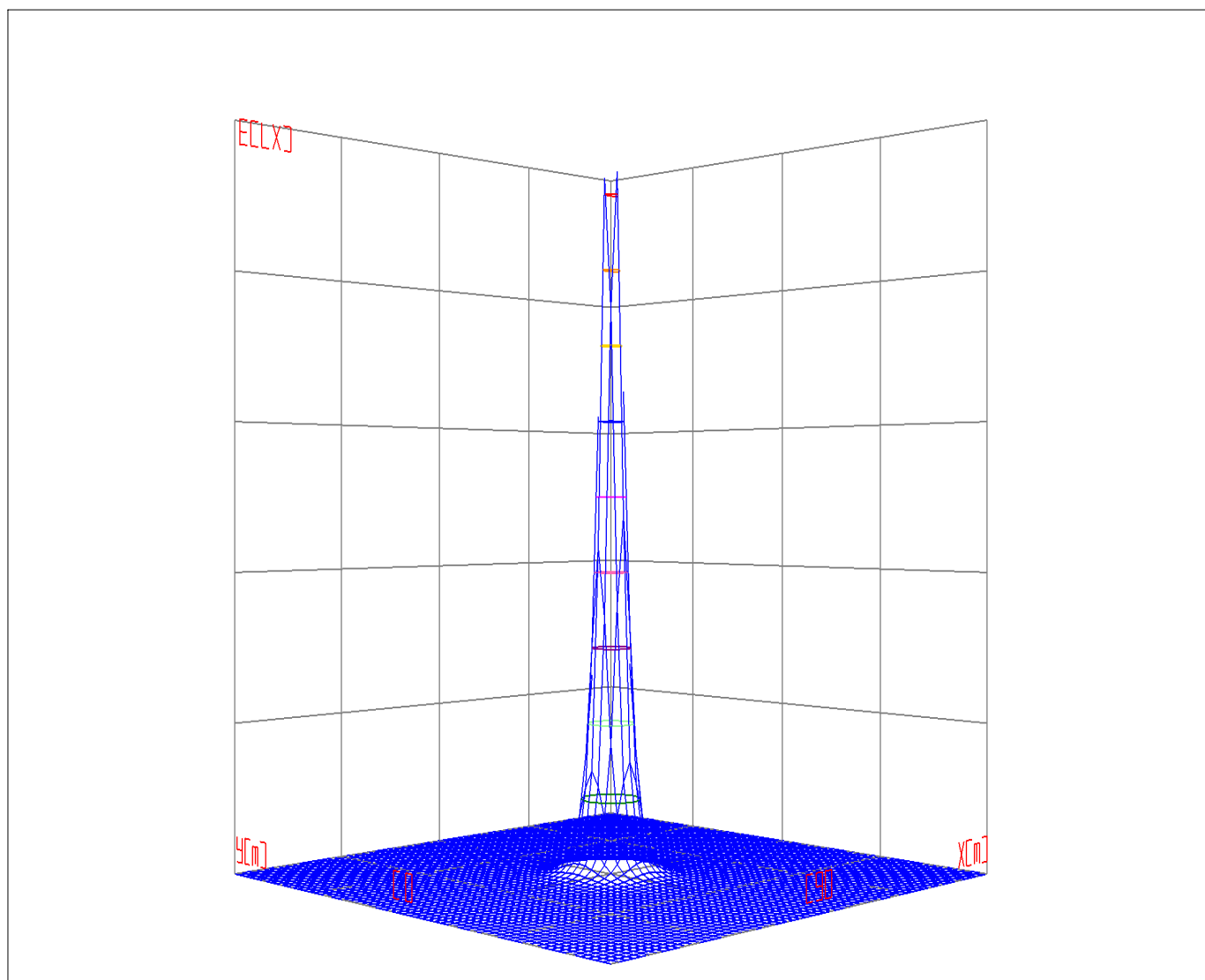
IES Indoor Report

Photometric Filename:TR05-30-XX-01 2700K RA90 24D IES.IES

3D Plane ISO Illuminance Diagram

Lum. Name: TR05-30-XX-01 2700K 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: 2019/12/17

3D Plane Illuminance Modal

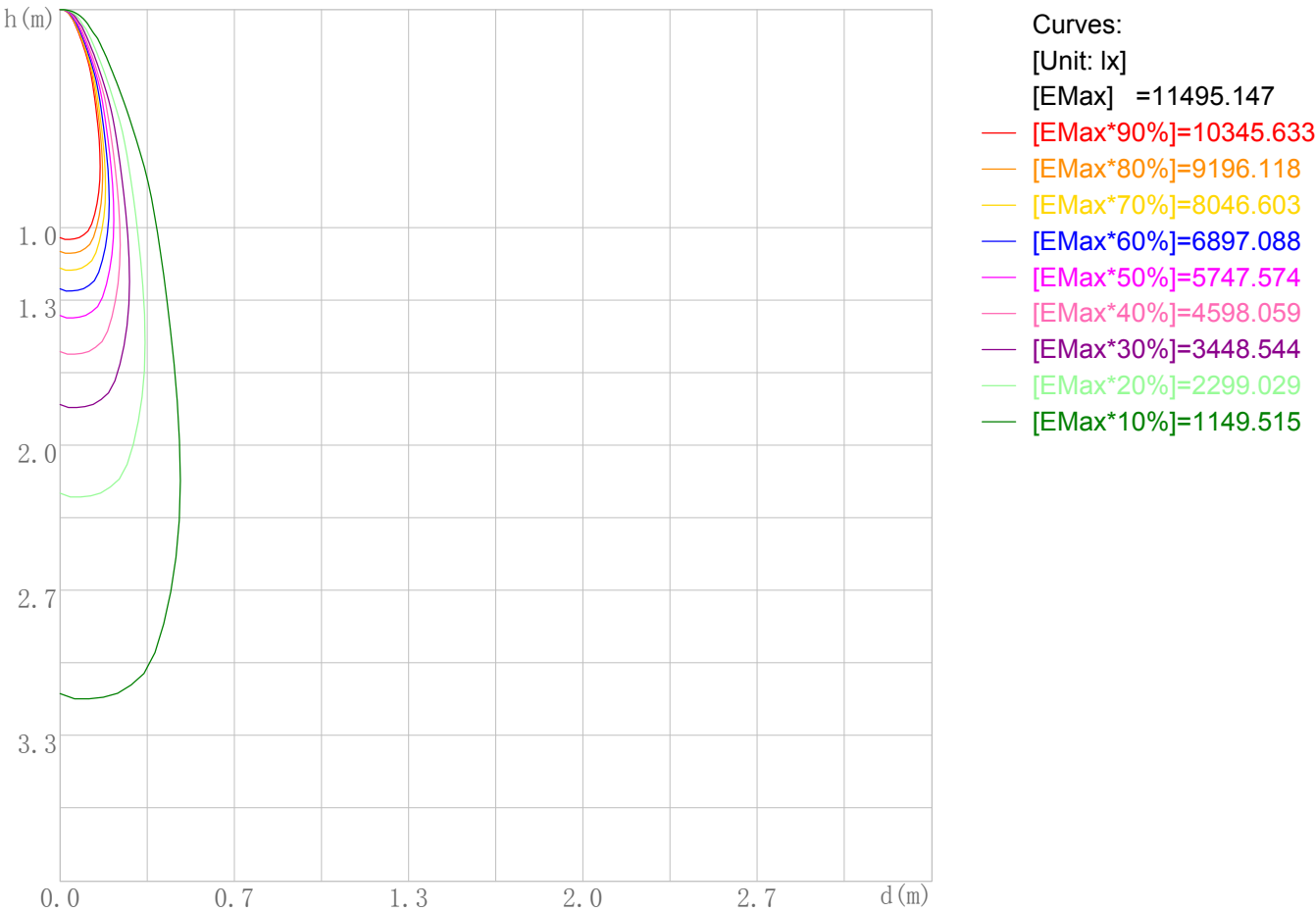


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name:TR05-30-XX-01 2700K 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:2019/12/17

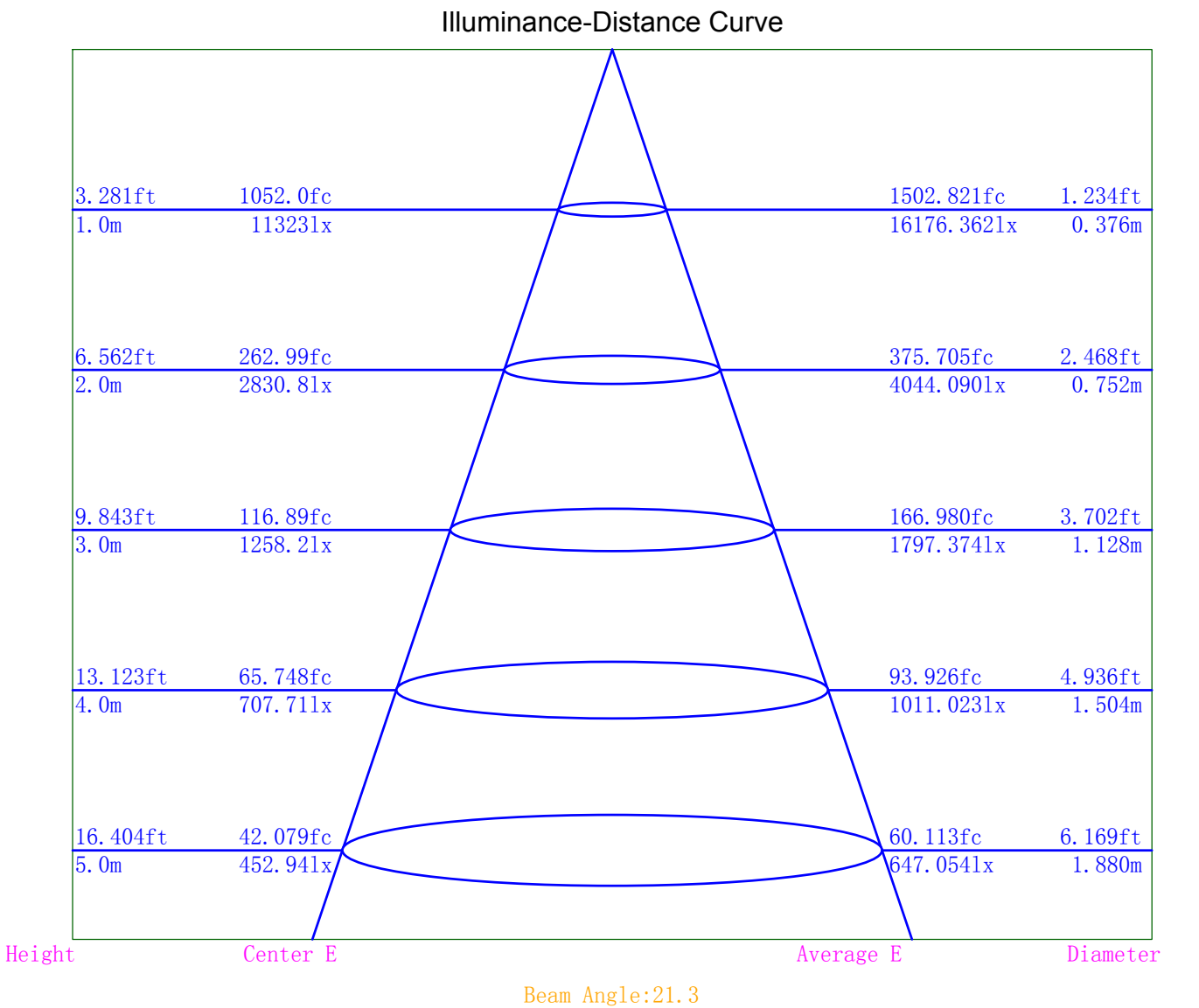
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:11495.15lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:11515.371cd,0deg

Illuminance-Distance Diagram

Lum. Name: TR05-30-XX-01 2700K 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: 2019/12/17



Indoor Luminance Limiting Curves

Lum. Name:TR05-30-XX-01 2700K RA90 24D	Lum. Catalog:Lum. Catalog: LED	Test ID:01
Lamp Name:	Lamp Catalog:LED	Test Lab:Quality peatment
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/12/17

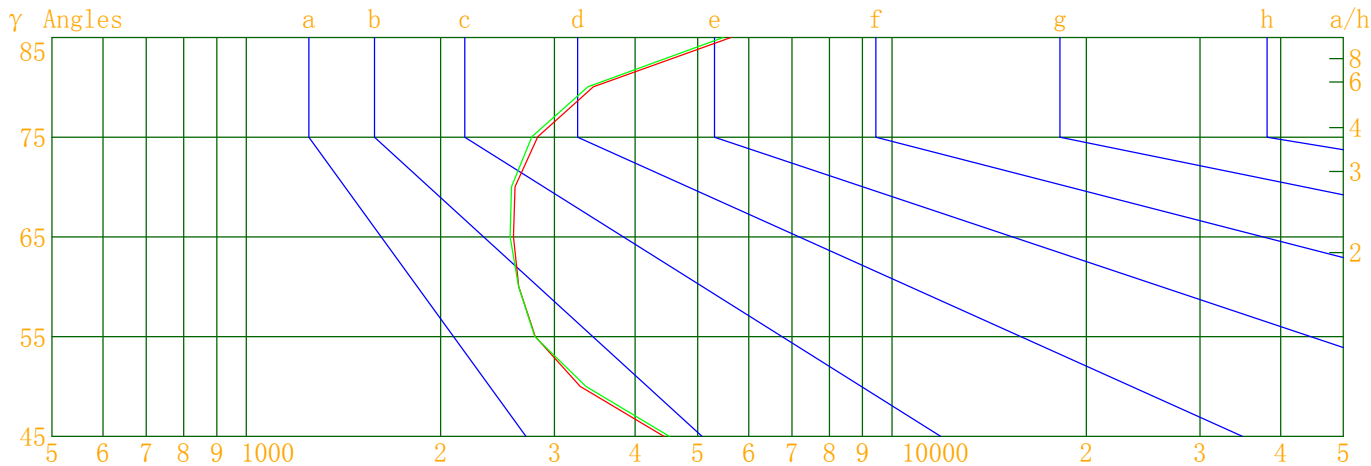
Glare Grade Table

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	4434	3289	2802	2641	2593	2608	2827	3448	5628
C90	4522	3357	2797	2640	2562	2574	2769	3381	5478

Luminance Limiting Curve



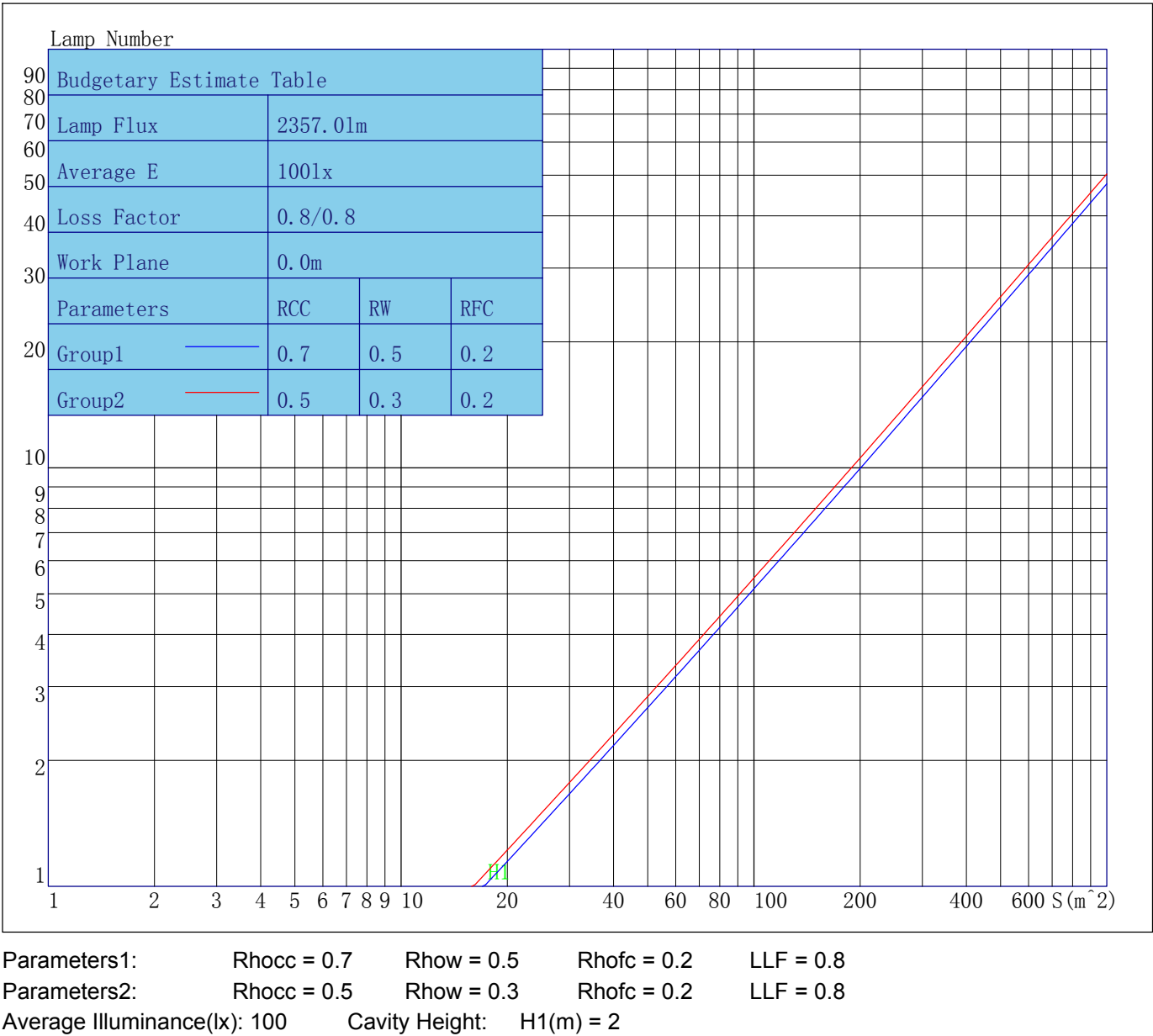
Luminous Size:Length(m)=0.070Width(m)=0.070Height(m)=0.266Area(m^2)=0.023520

Luminous Type:Without Luminous Side

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

Indoor Budgetary Estimate Table

Lum. Name:TR05-30-XX-01 2700K 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: 2019/12/17



Indoor Coefficient of Utilization Table

Lum. Name:TR05-30-XX-01 2700K RA90 24D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality peatment
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/12/17

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	110	110	110	104	104	104	100	100	100	97
1	114	111	109	107	111	109	107	105	104	103	102	100	99	98	97	96	95	93
2	109	105	102	99	107	103	100	98	100	97	95	97	95	93	94	92	91	89
3	105	100	96	93	103	99	95	92	96	93	90	93	91	89	91	89	87	86
4	102	96	92	88	100	95	91	88	92	89	86	90	87	85	88	86	84	82
5	98	92	87	84	97	91	87	84	89	85	83	87	84	82	86	83	81	80
6	95	89	84	81	94	88	83	80	86	82	80	85	81	79	83	80	78	77
7	93	86	81	78	91	85	81	78	83	80	77	82	79	76	81	78	76	75
8	90	83	78	75	89	82	78	75	81	77	75	80	77	74	79	76	74	73
9	87	80	76	73	86	80	76	73	79	75	72	78	74	72	77	74	72	71
10	85	78	74	71	84	77	73	71	77	73	70	76	72	70	75	72	70	69

Unified Glare Rating Table

Lum. Name:TR05-30-XX-01 2700K 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: 2019/12/17

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	10.0	10.9	10.4	11.3	11.6	10.1	11.0	10.5	11.4	11.8	
	Y=3H	11.0	11.8	11.4	12.2	12.6	11.1	11.9	11.5	12.3	12.7
	Y=4H	11.6	12.4	12.1	12.8	13.2	11.6	12.4	12.1	12.8	13.3
	Y=6H	12.3	13.0	12.8	13.4	13.9	12.3	13.0	12.8	13.4	13.9
	Y=8H	12.7	13.4	13.2	13.8	14.3	12.7	13.4	13.2	13.8	14.3
	Y=12H	13.2	13.9	13.7	14.3	14.8	13.2	13.8	13.7	14.2	14.7
X=4H Y=2H	10.2	11.0	10.7	11.4	11.9	10.4	11.1	10.8	11.5	12.0	
	Y=3H	11.5	12.2	12.0	12.6	13.1	11.6	12.2	12.1	12.7	13.1
	Y=4H	12.3	12.9	12.8	13.4	13.9	12.3	12.9	12.8	13.4	13.9
	Y=6H	13.3	13.7	13.8	14.2	14.8	13.2	13.7	13.8	14.2	14.7
	Y=8H	13.8	14.2	14.3	14.7	15.3	13.7	14.2	14.3	14.7	15.2
	Y=12H	14.4	14.8	15.0	15.4	15.9	14.4	14.7	14.9	15.3	15.8
X=8H Y=4H	12.6	13.1	13.1	13.6	14.1	12.6	13.1	13.1	13.6	14.1	
	Y=6H	13.8	14.2	14.4	14.7	15.3	13.8	14.1	14.3	14.7	15.2
	Y=8H	14.5	14.8	15.1	15.4	15.9	14.4	14.7	15.0	15.3	15.9
	Y=12H	15.4	15.6	15.9	16.2	16.8	15.3	15.5	15.8	16.1	16.7
X=12H Y=4H	12.7	13.0	13.2	13.6	14.1	12.6	13.0	13.2	13.6	14.1	
	Y=6H	13.9	14.2	14.5	14.8	15.4	13.9	14.2	14.5	14.7	15.3
	Y=8H	14.7	15.0	15.3	15.6	16.2	14.7	14.9	15.2	15.5	16.1
Variations with the objerver position at spacings											
S=1.0H	0.1/-0.1					0.2/-0.2					
S=1.5H	0.2/-0.3					0.3/-0.3					
S=2.0H	0.2/-0.3					0.3/-0.3					
Reduced UGR Table:											
Nordic Standard Table:	BK0					BK0					
Correction Value	3.5					3.3					

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	11323.4	11323.4	11323.4	11323.4
γ 1.0	11500.4	11351.7	11154.8	10907.7
γ 2.0	11515.4	11428.7	10826.4	10526.1
γ 3.0	11489.2	11402.9	10318.6	9990.3
γ 4.0	11395.9	11334.5	9695.4	9334.7
γ 5.0	11165.4	11175.9	8980.2	8618.8
γ 6.0	10846.4	10889.5	8207.0	7866.9
γ 7.0	10235.4	10423.7	7430.6	7081.5
γ 8.0	9401.3	9768.0	6703.7	6339.1
γ 9.0	8508.5	8959.5	5978.4	5632.1
γ 10.0	7603.0	8061.2	5286.9	4943.0
γ 11.0	6671.5	7148.3	4638.0	4338.1
γ 12.0	5739.3	6249.7	4016.0	3783.9
γ 13.0	4856.8	5354.1	3452.7	3292.8
γ 14.0	4056.5	4527.8	2964.9	2886.3
γ 15.0	3369.9	3763.7	2556.8	2544.3
γ 16.0	2804.8	3105.7	2211.6	2248.4
γ 17.0	2349.8	2576.8	1917.4	1988.9
γ 18.0	1984.8	2156.3	1665.9	1760.0
γ 19.0	1688.1	1823.5	1445.4	1558.5
γ 20.0	1447.2	1569.8	1247.0	1377.9
γ 21.0	1245.0	1361.9	1072.5	1212.6
γ 22.0	1076.9	1186.1	919.5	1063.8
γ 23.0	928.4	1032.1	786.1	934.7
γ 24.0	789.8	896.6	669.1	823.0
γ 25.0	666.5	772.1	570.7	720.3
γ 26.0	563.5	658.5	486.1	628.0
γ 27.0	481.7	562.7	412.9	546.9
γ 28.0	415.6	486.7	348.9	475.0
γ 29.0	360.8	422.2	294.8	412.0
γ 30.0	314.1	367.4	247.8	356.8
γ 31.0	274.6	320.5	209.1	308.7
γ 32.0	242.4	281.0	179.0	267.2
γ 33.0	214.4	246.4	154.3	231.4
γ 34.0	190.4	218.1	134.3	201.1
γ 35.0	170.5	192.2	118.3	175.4
γ 36.0	153.8	171.4	105.6	153.6
γ 37.0	139.7	153.3	95.5	134.3
γ 38.0	127.5	138.2	87.3	116.8
γ 39.0	116.8	125.3	80.3	102.0
γ 40.0	107.2	114.3	74.8	90.6
γ 41.0	98.5	104.4	70.4	82.3
γ 42.0	90.8	95.6	67.0	76.3
γ 43.0	84.1	87.7	63.9	71.2
γ 44.0	78.5	80.9	60.7	64.9
γ 45.0	73.7	75.2	56.1	57.9
γ 46.0	69.3	70.4	50.1	52.1

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	65.1	65.9	46.1	48.2
γ 48.0	60.1	61.4	43.7	45.4
γ 49.0	54.2	56.0	41.7	43.0
γ 50.0	49.7	50.8	39.9	41.2
γ 51.0	46.4	47.0	38.5	39.8
γ 52.0	43.8	44.1	37.4	38.6
γ 53.0	41.5	41.6	36.3	37.4
γ 54.0	39.4	39.5	35.2	36.4
γ 55.0	37.8	37.7	34.2	35.3
γ 56.0	36.2	36.2	33.2	34.2
γ 57.0	34.8	34.8	32.1	33.1
γ 58.0	33.5	33.5	31.1	32.1
γ 59.0	32.3	32.3	29.9	31.0
γ 60.0	31.1	31.0	28.9	29.9
γ 61.0	29.9	29.9	27.8	28.9
γ 62.0	28.8	28.7	26.8	27.8
γ 63.0	27.7	27.7	25.8	26.7
γ 64.0	26.7	26.5	24.7	25.6
γ 65.0	25.8	25.5	23.6	24.5
γ 66.0	24.6	24.5	22.6	23.6
γ 67.0	23.7	23.5	21.7	22.6
γ 68.0	22.8	22.5	20.7	21.7
γ 69.0	21.9	21.6	19.8	20.8
γ 70.0	21.0	20.7	19.0	19.9
γ 71.0	20.1	19.9	18.1	19.0
γ 72.0	19.4	19.0	17.5	18.4
γ 73.0	18.6	18.3	16.7	17.6
γ 74.0	17.9	17.5	15.9	16.9
γ 75.0	17.2	16.9	15.3	16.2
γ 76.0	16.5	16.2	14.6	15.5
γ 77.0	15.9	15.6	14.1	15.0
γ 78.0	15.3	15.0	13.6	14.3
γ 79.0	14.7	14.4	13.0	13.7
γ 80.0	14.1	13.8	12.4	13.2
γ 81.0	13.5	13.2	12.0	12.6
γ 82.0	13.0	12.6	11.4	12.0
γ 83.0	12.5	12.2	10.9	11.6
γ 84.0	12.1	11.6	10.4	11.0
γ 85.0	11.5	11.2	9.9	10.6
γ 86.0	11.0	10.7	9.5	9.9
γ 87.0	10.5	10.2	9.0	9.4
γ 88.0	10.1	9.8	8.6	9.2
γ 89.0	9.7	9.3	8.4	8.9
γ 90.0	9.3	8.9	8.2	8.6
γ 91.0	9.0	8.4	8.0	8.3
γ 92.0	8.7	8.1	7.8	8.2
γ 93.0	8.6	8.0	7.6	8.0

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	8.4	7.8	7.5	7.8
γ 95.0	8.2	7.7	7.2	7.6
γ 96.0	8.1	7.6	7.0	7.4
γ 97.0	8.0	7.4	6.9	7.3
γ 98.0	7.8	7.3	6.8	7.1
γ 99.0	7.7	7.2	6.7	7.0
γ 100.0	7.5	7.2	6.6	6.9
γ 101.0	7.5	7.0	6.5	6.8
γ 102.0	7.3	6.9	6.4	6.7
γ 103.0	7.3	6.9	6.3	6.6
γ 104.0	7.1	6.8	6.3	6.6
γ 105.0	7.1	6.7	6.2	6.6
γ 106.0	7.0	6.6	6.2	6.4
γ 107.0	6.9	6.6	6.2	6.4
γ 108.0	6.9	6.6	6.1	6.4
γ 109.0	6.8	6.5	6.1	6.3
γ 110.0	6.7	6.4	6.0	6.3
γ 111.0	6.6	6.4	6.1	6.3
γ 112.0	6.5	6.4	6.1	6.4
γ 113.0	6.4	6.3	6.1	6.2
γ 114.0	6.4	6.3	6.0	6.3
γ 115.0	6.3	6.2	6.1	6.4
γ 116.0	6.3	6.2	6.2	6.4
γ 117.0	6.1	6.1	6.2	6.4
γ 118.0	6.1	6.1	6.2	6.4
γ 119.0	6.0	6.1	6.3	6.5
γ 120.0	6.0	5.9	6.4	6.5
γ 121.0	5.9	6.0	6.5	6.5
γ 122.0	6.0	6.0	6.6	6.6
γ 123.0	6.0	5.9	6.7	6.7
γ 124.0	6.0	6.0	6.8	6.8
γ 125.0	6.0	6.1	6.9	7.0
γ 126.0	6.1	6.1	7.1	7.1
γ 127.0	6.3	6.3	7.3	7.3
γ 128.0	6.4	6.4	7.6	7.6
γ 129.0	6.5	6.6	7.8	7.8
γ 130.0	6.7	6.8	8.0	8.1
γ 131.0	7.0	7.0	8.4	8.4
γ 132.0	7.2	7.2	8.8	8.8
γ 133.0	7.5	7.5	9.2	9.2
γ 134.0	7.8	7.8	9.6	9.7
γ 135.0	8.2	8.3	10.1	10.3
γ 136.0	8.6	8.6	10.6	10.9
γ 137.0	9.1	9.1	11.2	11.5
γ 138.0	9.5	9.5	11.8	12.0
γ 139.0	10.0	10.0	12.4	12.6
γ 140.0	10.5	10.5	13.0	13.1

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	11.0	11.1	13.6	13.8
γ 142.0	11.7	11.6	14.2	14.3
γ 143.0	12.2	12.2	14.7	14.8
γ 144.0	12.8	12.8	15.3	15.3
γ 145.0	13.4	13.3	15.9	15.9
γ 146.0	14.0	14.0	16.5	16.3
γ 147.0	14.5	14.4	17.0	16.8
γ 148.0	15.1	15.1	17.5	17.1
γ 149.0	15.8	15.7	17.9	17.6
γ 150.0	16.2	16.1	18.3	17.9
γ 151.0	16.7	16.6	18.6	18.3
γ 152.0	17.2	17.1	19.0	18.5
γ 153.0	17.6	17.4	19.3	18.8
γ 154.0	18.1	17.7	19.5	19.0
γ 155.0	18.4	18.0	19.8	19.2
γ 156.0	18.7	18.4	20.0	19.4
γ 157.0	19.0	18.6	20.2	19.6
γ 158.0	19.3	18.8	20.3	19.7
γ 159.0	19.4	18.9	20.5	19.9
γ 160.0	19.6	19.0	20.5	19.9
γ 161.0	19.7	19.2	20.6	20.0
γ 162.0	19.9	19.3	20.6	20.1
γ 163.0	19.9	19.4	20.7	20.1
γ 164.0	19.9	19.6	20.7	20.1
γ 165.0	20.1	19.6	20.7	20.2
γ 166.0	20.2	19.6	20.7	20.1
γ 167.0	20.2	19.7	20.6	20.0
γ 168.0	20.3	19.8	20.6	20.0
γ 169.0	20.2	19.8	20.5	19.7
γ 170.0	20.2	19.8	20.3	19.6
γ 171.0	20.2	19.8	20.2	19.4
γ 172.0	20.0	19.9	20.0	19.3
γ 173.0	20.0	19.7	19.9	19.2
γ 174.0	19.9	19.7	19.8	19.1
γ 175.0	19.9	19.6	19.7	19.1
γ 176.0	19.8	19.7	19.7	19.0
γ 177.0	19.7	19.5	19.6	19.2
γ 178.0	19.7	19.5	19.6	19.3
γ 179.0	19.7	19.5	19.7	19.4
γ 180.0	19.6	19.6	19.6	19.6