

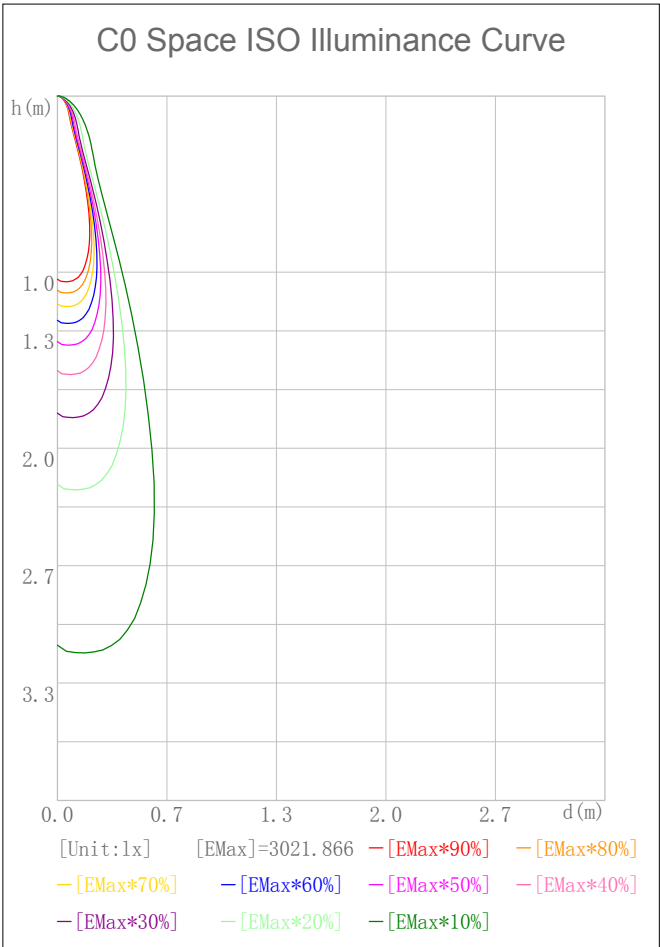
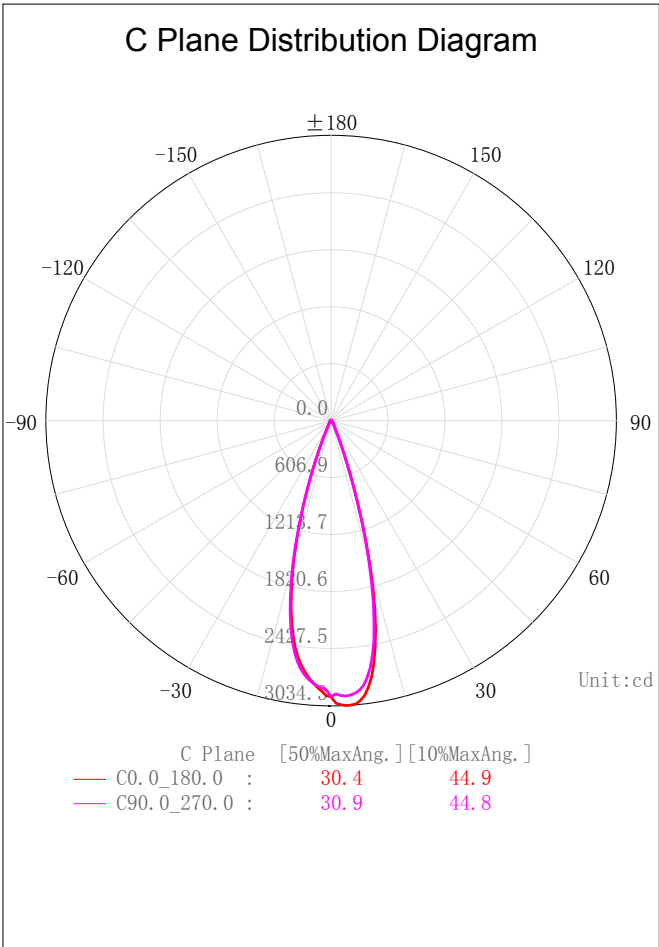
Indoor Luminaire Photometric Data

Description Information

Luminary Name:TR09-09-XX-02 4000K RA90 24D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2021/10/28
Manufacture: Shenzhen Norming Lighting Co., Ltd		Shld.Ang(°):	Test Machine:GON-2000
Test Lab: Quality Department		Frequency (Hz):	Lamp CCT (K): Ra:
Lum. Size (W*L*H):0.038m*-0.038m*0.000m		Lum. Area (m2):0.001	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

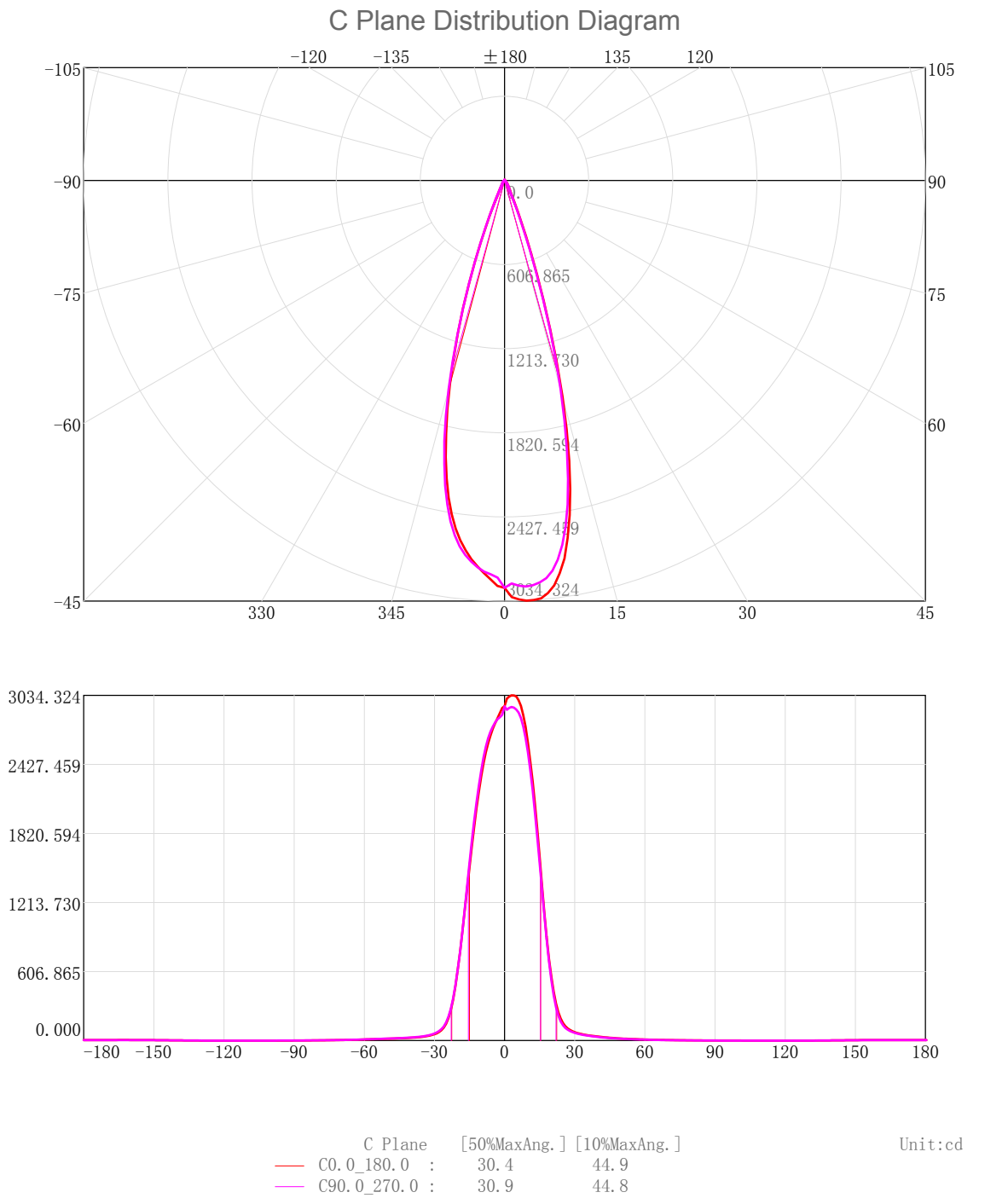
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 836.430	Luminary Flux(lm): 836.434	Field Angle(10%Imax): 44.9(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 828.432lm 99.04%	
Rated Voltage(V):	Luminary EER(lm/W): 94.716	Up Lumens&Percent: 8.002lm 0.96%	
Tested Power(W): 8.831	Max. Candela(cd): 3034.324	S/MH: C0_a180=0.525 C90_270=0.525	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=3.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):241.2, 0.040, 0.898	Beam Angle(50%Imax): 30.4(°)	ErP ϕ use(90°): 791.650lm	
Lamp Size (W*L*H):0.038m*-0.038m*0.000m	Left=-15.0°, Right=15.4°	IRF(%): 766.274	



2D Plane Light Intensity Distribution Curve

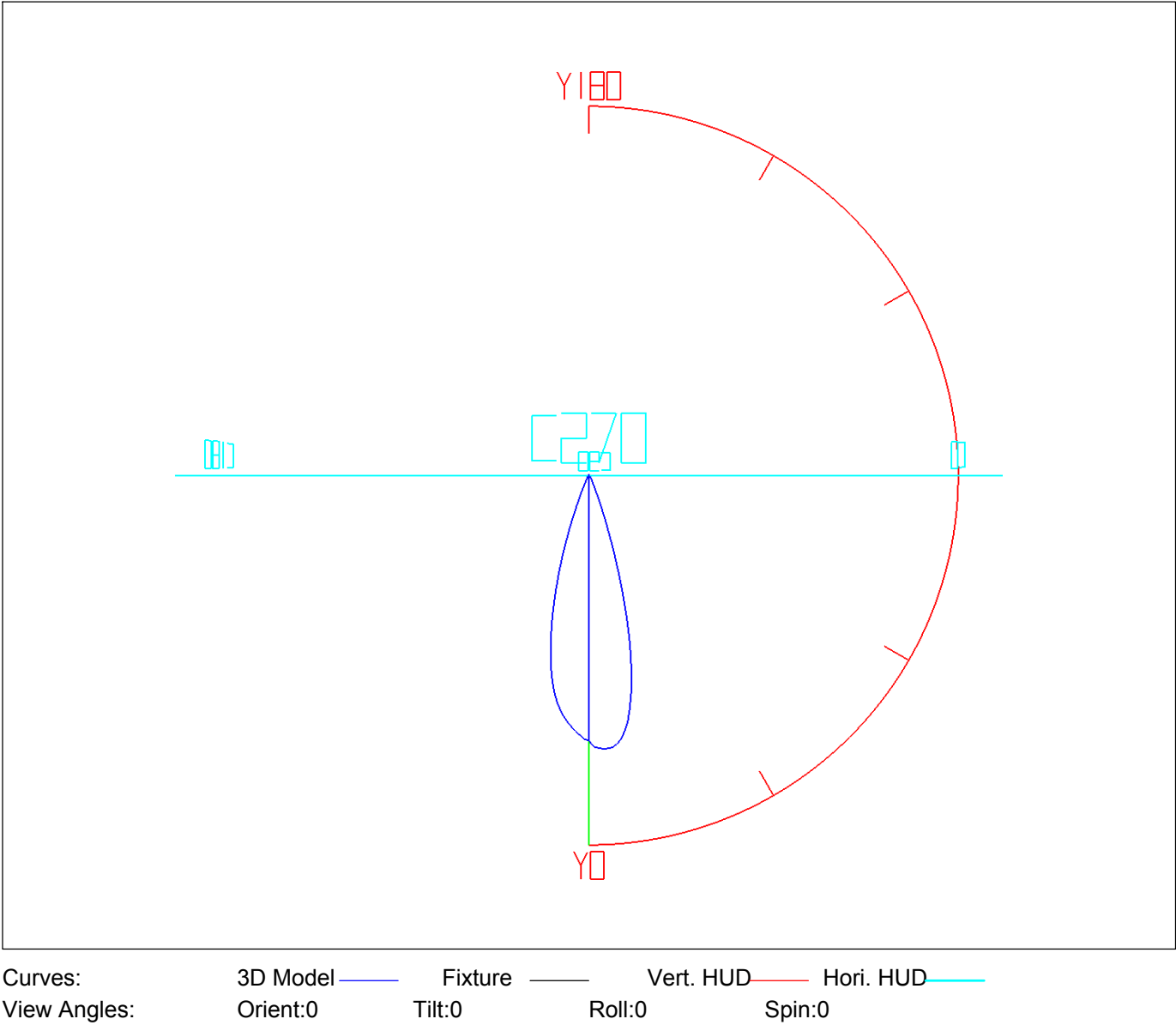
Lum. Name: TR09-09-XX-02 4000K RA90 24D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28



3D Light Intensity Distribution Modal

Lum. Name: TR09-09-XX-02 4000K RA90 24D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28

3D Light Intensity Distribution Modal



IES Indoor Report

Photometric Filename:TR09-09-XX-02 4000K RA90 24D.IES

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	2.81	2.81	0.34	0.34	47.0-48.0	1.60	801.06	0.19	95.77
1.0-2.0	8.39	11.19	1.00	1.34	48.0-49.0	1.54	802.61	0.18	95.96
2.0-3.0	13.93	25.12	1.67	3.00	49.0-50.0	1.48	804.09	0.18	96.13
3.0-4.0	19.39	44.51	2.32	5.32	50.0-51.0	1.43	805.52	0.17	96.30
4.0-5.0	24.72	69.23	2.95	8.28	51.0-52.0	1.38	806.90	0.16	96.47
5.0-6.0	29.83	99.06	3.57	11.84	52.0-53.0	1.32	808.22	0.16	96.63
6.0-7.0	34.64	133.70	4.14	15.98	53.0-54.0	1.27	809.48	0.15	96.78
7.0-8.0	38.99	172.69	4.66	20.65	54.0-55.0	1.21	810.69	0.14	96.92
8.0-9.0	42.72	215.41	5.11	25.75	55.0-56.0	1.16	811.85	0.14	97.06
9.0-10.0	45.69	261.11	5.46	31.22	56.0-57.0	1.10	812.96	0.13	97.19
10.0-11.0	47.77	308.87	5.71	36.93	57.0-58.0	1.05	814.01	0.13	97.32
11.0-12.0	48.86	357.73	5.84	42.77	58.0-59.0	1.00	815.00	0.12	97.44
12.0-13.0	48.90	406.64	5.85	48.62	59.0-60.0	0.94	815.95	0.11	97.55
13.0-14.0	47.90	454.54	5.73	54.34	60.0-61.0	0.89	816.84	0.11	97.66
14.0-15.0	45.82	500.35	5.48	59.82	61.0-62.0	0.85	817.69	0.10	97.76
15.0-16.0	42.70	543.06	5.11	64.93	62.0-63.0	0.80	818.49	0.10	97.85
16.0-17.0	38.75	581.81	4.63	69.56	63.0-64.0	0.76	819.24	0.09	97.94
17.0-18.0	34.21	616.02	4.09	73.65	64.0-65.0	0.71	819.95	0.09	98.03
18.0-19.0	29.32	645.34	3.50	77.15	65.0-66.0	0.67	820.63	0.08	98.11
19.0-20.0	24.43	669.76	2.92	80.07	66.0-67.0	0.63	821.26	0.08	98.19
20.0-21.0	19.84	689.60	2.37	82.45	67.0-68.0	0.60	821.86	0.07	98.26
21.0-22.0	15.76	705.36	1.88	84.33	68.0-69.0	0.56	822.42	0.07	98.32
22.0-23.0	12.40	717.76	1.48	85.81	69.0-70.0	0.53	822.95	0.06	98.39
23.0-24.0	9.76	727.52	1.17	86.98	70.0-71.0	0.50	823.44	0.06	98.45
24.0-25.0	7.79	735.31	0.93	87.91	71.0-72.0	0.46	823.91	0.06	98.50
25.0-26.0	6.36	741.67	0.76	88.67	72.0-73.0	0.44	824.34	0.05	98.55
26.0-27.0	5.34	747.01	0.64	89.31	73.0-74.0	0.41	824.75	0.05	98.60
27.0-28.0	4.62	751.63	0.55	89.86	74.0-75.0	0.38	825.14	0.05	98.65
28.0-29.0	4.11	755.74	0.49	90.35	75.0-76.0	0.36	825.49	0.04	98.69
29.0-30.0	3.74	759.48	0.45	90.80	76.0-77.0	0.34	825.83	0.04	98.73
30.0-31.0	3.45	762.93	0.41	91.21	77.0-78.0	0.31	826.15	0.04	98.77
31.0-32.0	3.21	766.14	0.38	91.60	78.0-79.0	0.29	826.44	0.03	98.81
32.0-33.0	3.01	769.15	0.36	91.96	79.0-80.0	0.27	826.71	0.03	98.84
33.0-34.0	2.84	771.99	0.34	92.30	80.0-81.0	0.25	826.96	0.03	98.87
34.0-35.0	2.70	774.69	0.32	92.62	81.0-82.0	0.23	827.19	0.03	98.90
35.0-36.0	2.57	777.26	0.31	92.93	82.0-83.0	0.21	827.40	0.03	98.92
36.0-37.0	2.45	779.71	0.29	93.22	83.0-84.0	0.19	827.60	0.02	98.94
37.0-38.0	2.35	782.06	0.28	93.50	84.0-85.0	0.18	827.77	0.02	98.97
38.0-39.0	2.25	784.31	0.27	93.77	85.0-86.0	0.16	827.93	0.02	98.98
39.0-40.0	2.17	786.48	0.26	94.03	86.0-87.0	0.14	828.08	0.02	99.00
40.0-41.0	2.08	788.56	0.25	94.28	87.0-88.0	0.13	828.21	0.02	99.02
41.0-42.0	2.00	790.55	0.24	94.52	88.0-89.0	0.12	828.33	0.01	99.03
42.0-43.0	1.92	792.47	0.23	94.74	89.0-90.0	0.11	828.43	0.01	99.04
43.0-44.0	1.85	794.32	0.22	94.97	90.0-91.0	0.10	828.53	0.01	99.06
44.0-45.0	1.78	796.10	0.21	95.18	91.0-92.0	0.09	828.62	0.01	99.07
45.0-46.0	1.72	797.81	0.21	95.38	92.0-93.0	0.08	828.70	0.01	99.08
46.0-47.0	1.66	799.47	0.20	95.58	93.0-94.0	0.07	828.77	0.01	99.08

IES Indoor Report

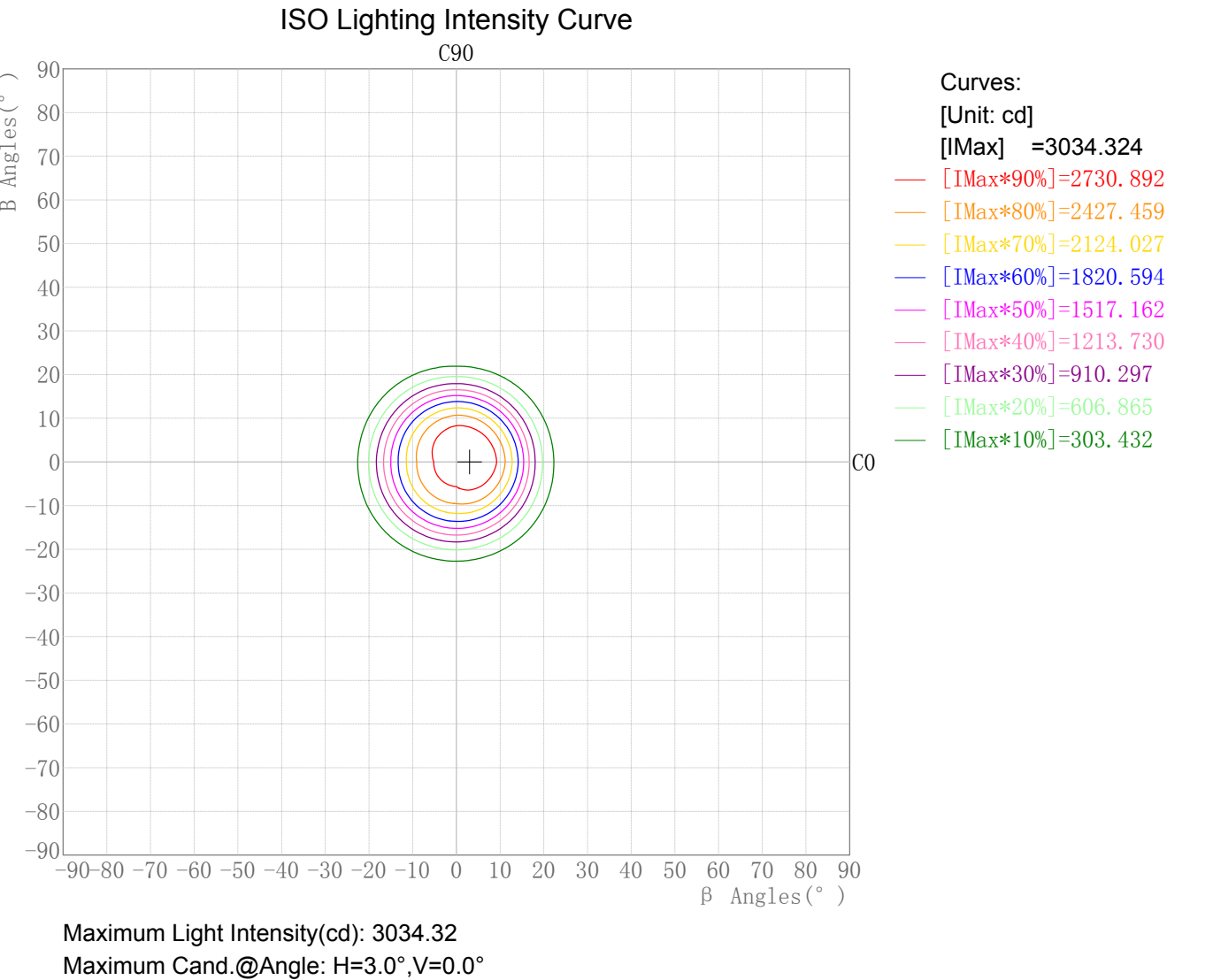
Photometric Filename:TR09-09-XX-02 4000K RA90 24D.IES

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	0.07	828.84	0.01	99.09	141.0-142.0	0.16	830.73	0.02	99.32
95.0-96.0	0.06	828.91	0.01	99.10	142.0-143.0	0.17	830.91	0.02	99.34
96.0-97.0	0.06	828.96	0.01	99.11	143.0-144.0	0.18	831.09	0.02	99.36
97.0-98.0	0.05	829.02	0.01	99.11	144.0-145.0	0.19	831.28	0.02	99.38
98.0-99.0	0.05	829.06	0.01	99.12	145.0-146.0	0.20	831.48	0.02	99.41
99.0-100.0	0.04	829.11	0.01	99.12	146.0-147.0	0.21	831.68	0.02	99.43
100.0-101.0	0.04	829.15	0.00	99.13	147.0-148.0	0.21	831.89	0.03	99.46
101.0-102.0	0.04	829.18	0.00	99.13	148.0-149.0	0.22	832.11	0.03	99.48
102.0-103.0	0.03	829.21	0.00	99.14	149.0-150.0	0.22	832.33	0.03	99.51
103.0-104.0	0.03	829.24	0.00	99.14	150.0-151.0	0.22	832.55	0.03	99.54
104.0-105.0	0.03	829.27	0.00	99.14	151.0-152.0	0.22	832.77	0.03	99.56
105.0-106.0	0.02	829.29	0.00	99.15	152.0-153.0	0.22	833.00	0.03	99.59
106.0-107.0	0.02	829.31	0.00	99.15	153.0-154.0	0.22	833.22	0.03	99.62
107.0-108.0	0.02	829.33	0.00	99.15	154.0-155.0	0.22	833.44	0.03	99.64
108.0-109.0	0.02	829.35	0.00	99.15	155.0-156.0	0.22	833.66	0.03	99.67
109.0-110.0	0.02	829.37	0.00	99.16	156.0-157.0	0.22	833.88	0.03	99.69
110.0-111.0	0.01	829.38	0.00	99.16	157.0-158.0	0.21	834.09	0.03	99.72
111.0-112.0	0.01	829.39	0.00	99.16	158.0-159.0	0.20	834.29	0.02	99.74
112.0-113.0	0.01	829.40	0.00	99.16	159.0-160.0	0.20	834.49	0.02	99.77
113.0-114.0	0.01	829.41	0.00	99.16	160.0-161.0	0.19	834.68	0.02	99.79
114.0-115.0	0.01	829.42	0.00	99.16	161.0-162.0	0.18	834.86	0.02	99.81
115.0-116.0	0.01	829.42	0.00	99.16	162.0-163.0	0.17	835.04	0.02	99.83
116.0-117.0	0.01	829.43	0.00	99.16	163.0-164.0	0.16	835.20	0.02	99.85
117.0-118.0	0.00	829.44	0.00	99.16	164.0-165.0	0.15	835.35	0.02	99.87
118.0-119.0	0.00	829.44	0.00	99.16	165.0-166.0	0.14	835.50	0.02	99.89
119.0-120.0	0.00	829.44	0.00	99.16	166.0-167.0	0.13	835.63	0.02	99.90
120.0-121.0	0.00	829.45	0.00	99.17	167.0-168.0	0.12	835.75	0.01	99.92
121.0-122.0	0.00	829.45	0.00	99.17	168.0-169.0	0.11	835.86	0.01	99.93
122.0-123.0	0.00	829.45	0.00	99.17	169.0-170.0	0.10	835.96	0.01	99.94
123.0-124.0	0.00	829.46	0.00	99.17	170.0-171.0	0.09	836.05	0.01	99.95
124.0-125.0	0.01	829.46	0.00	99.17	171.0-172.0	0.08	836.13	0.01	99.96
125.0-126.0	0.01	829.47	0.00	99.17	172.0-173.0	0.07	836.20	0.01	99.97
126.0-127.0	0.01	829.48	0.00	99.17	173.0-174.0	0.06	836.26	0.01	99.98
127.0-128.0	0.01	829.50	0.00	99.17	174.0-175.0	0.05	836.32	0.01	99.99
128.0-129.0	0.02	829.52	0.00	99.17	175.0-176.0	0.04	836.36	0.01	99.99
129.0-130.0	0.03	829.54	0.00	99.18	176.0-177.0	0.03	836.39	0.00	100.00
130.0-131.0	0.04	829.58	0.00	99.18	177.0-178.0	0.02	836.41	0.00	100.00
131.0-132.0	0.05	829.63	0.01	99.19	178.0-179.0	0.01	836.43	0.00	100.00
132.0-133.0	0.06	829.69	0.01	99.19	179.0-180.0	0.00	836.43	0.00	100.00
133.0-134.0	0.07	829.75	0.01	99.20					
134.0-135.0	0.08	829.83	0.01	99.21					
135.0-136.0	0.09	829.93	0.01	99.22					
136.0-137.0	0.10	830.03	0.01	99.24					
137.0-138.0	0.12	830.15	0.01	99.25					
138.0-139.0	0.13	830.28	0.02	99.26					
139.0-140.0	0.14	830.42	0.02	99.28					
140.0-141.0	0.15	830.57	0.02	99.30					

Rectangle ISO Lighting Intensity Diagram

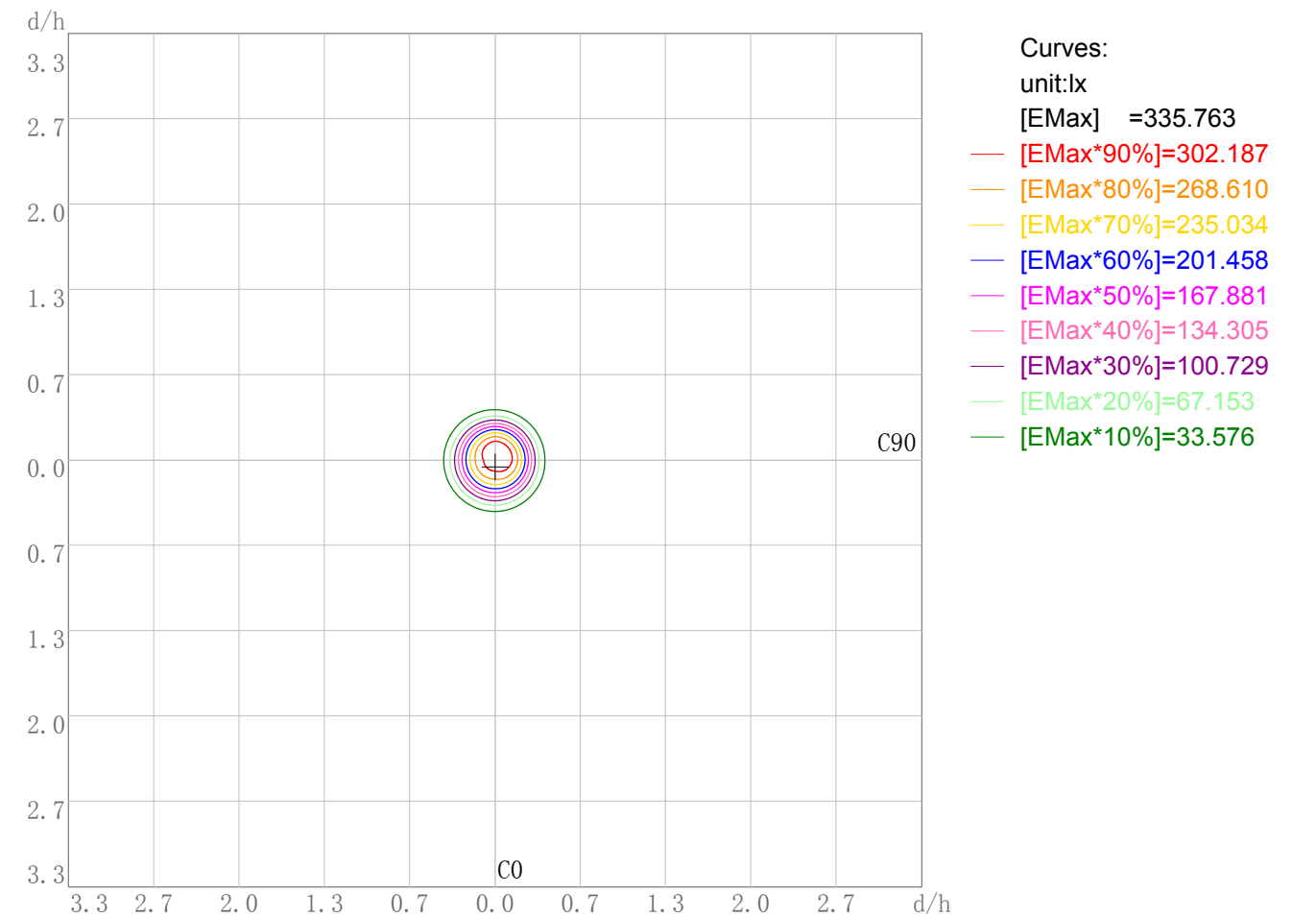
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Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28



Plane ISO-Illuminance Diagram

Lum. Name: TR09-09-XX-02 4000K RA90 24D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 335.76

Working Plane Maximum Illuminance Position(d/h):H0.0 V0.1

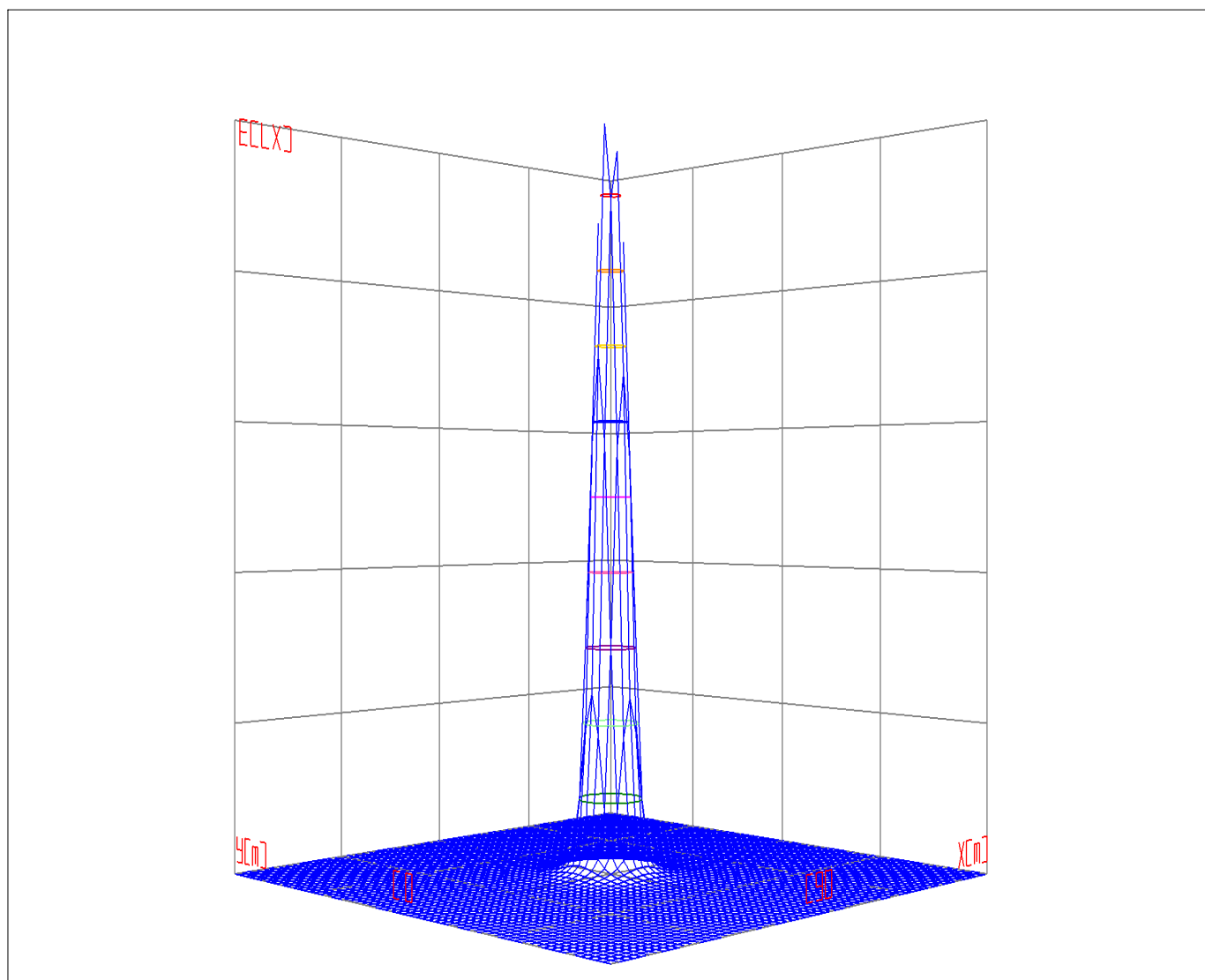
# IES Indoor Report

Photometric Filename:TR09-09-XX-02 4000K RA90 24D.IES

## 3D Plane ISO Illuminance Diagram

Lum. Name: TR09-09-XX-02 4000K RA90 24D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28

## 3D Plane Illuminance Modal



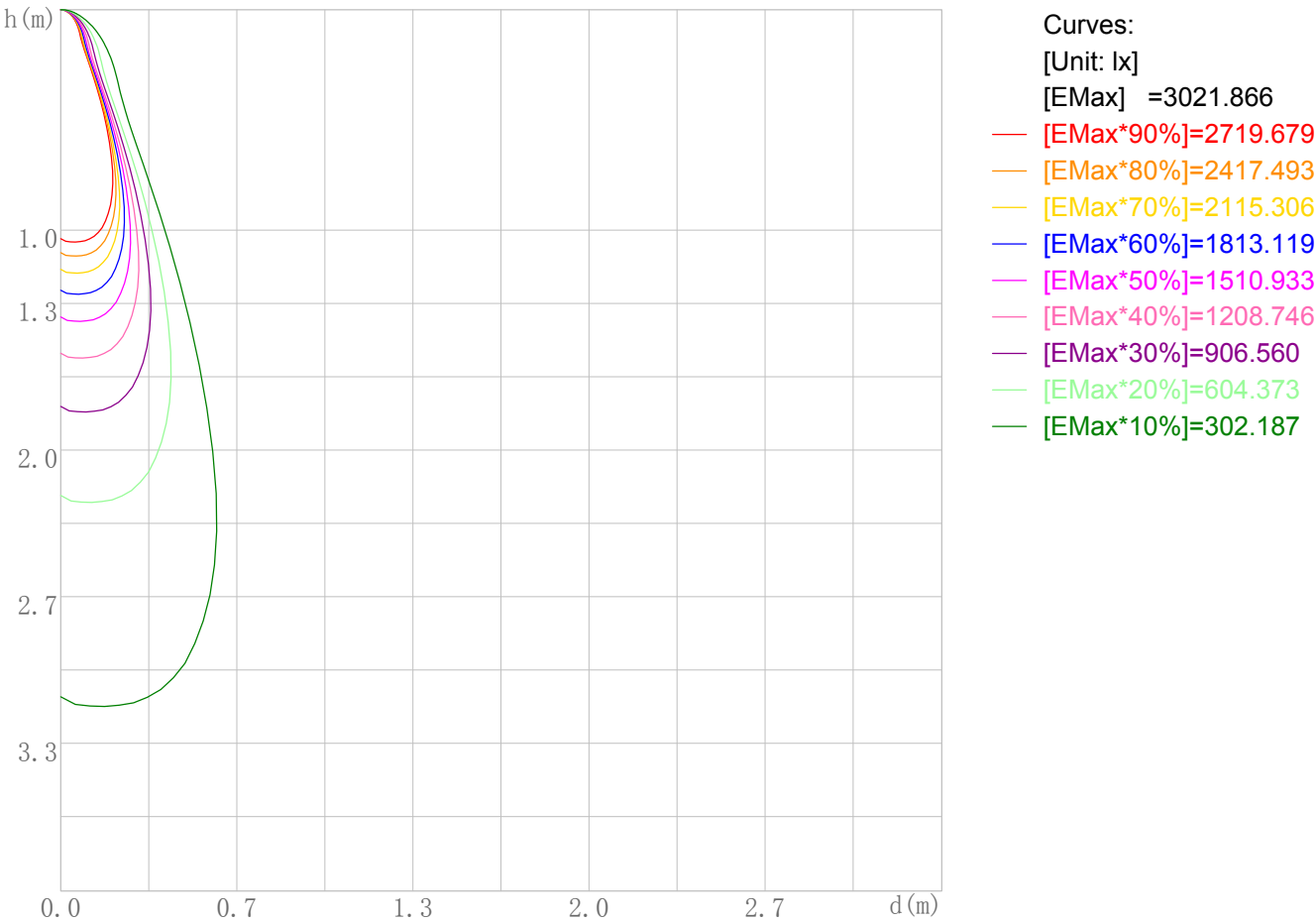
Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0



Space ISO Illuminance Diagram

Lum. Name: TR09-09-XX-02 4000K RA90 24D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28

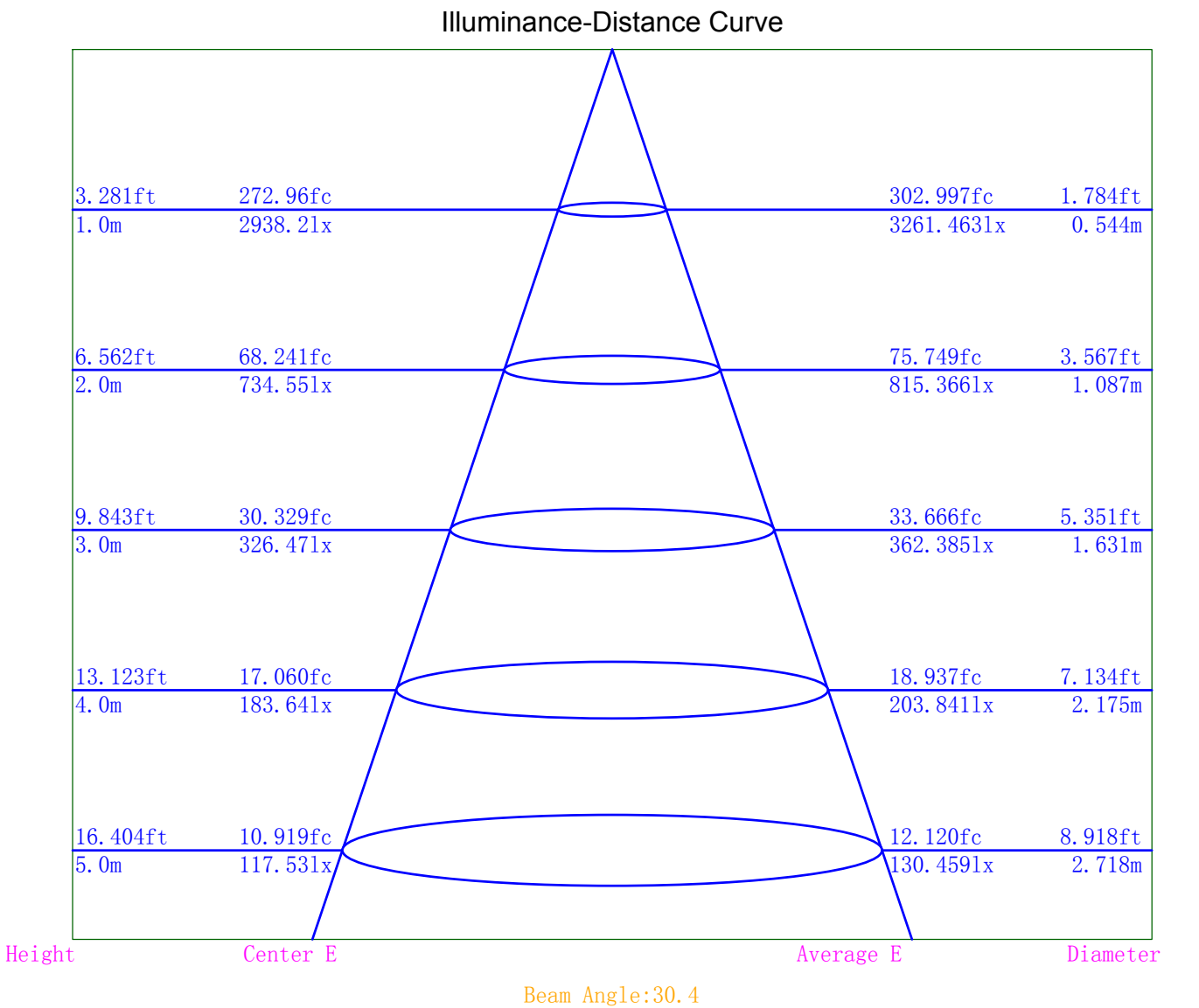
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:3021.87lx,3.0deg  
Plane Maximum Lighting Intensity and @Angle:3034.324cd,0deg

Illuminance-Distance Diagram

Lum. Name:TR09-09-XX-02 4000K RA90 24D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2021/10/28



Indoor Luminance Limiting Curves

Lum. Name: TR09-09-XX-02 4000K RA90 24D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28

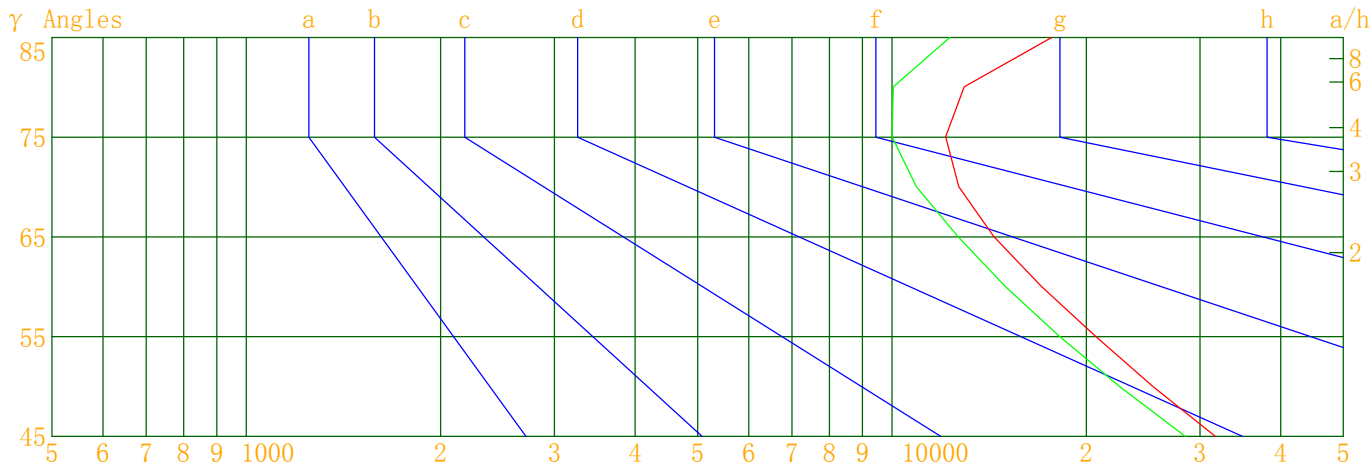
Glare Grade Table

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	31694	25343	20689	17044	14379	12689	12108	12938	17674
C90	28455	22509	18178	14979	12654	10910	10002	10049	12292

Luminance Limiting Curve



Luminous Size:

Length(m)=-0.038

Width(m)=-0.038

Height(m)=0.000

Area(m^2)=0.001134

Luminous Type:

Without Luminous Side

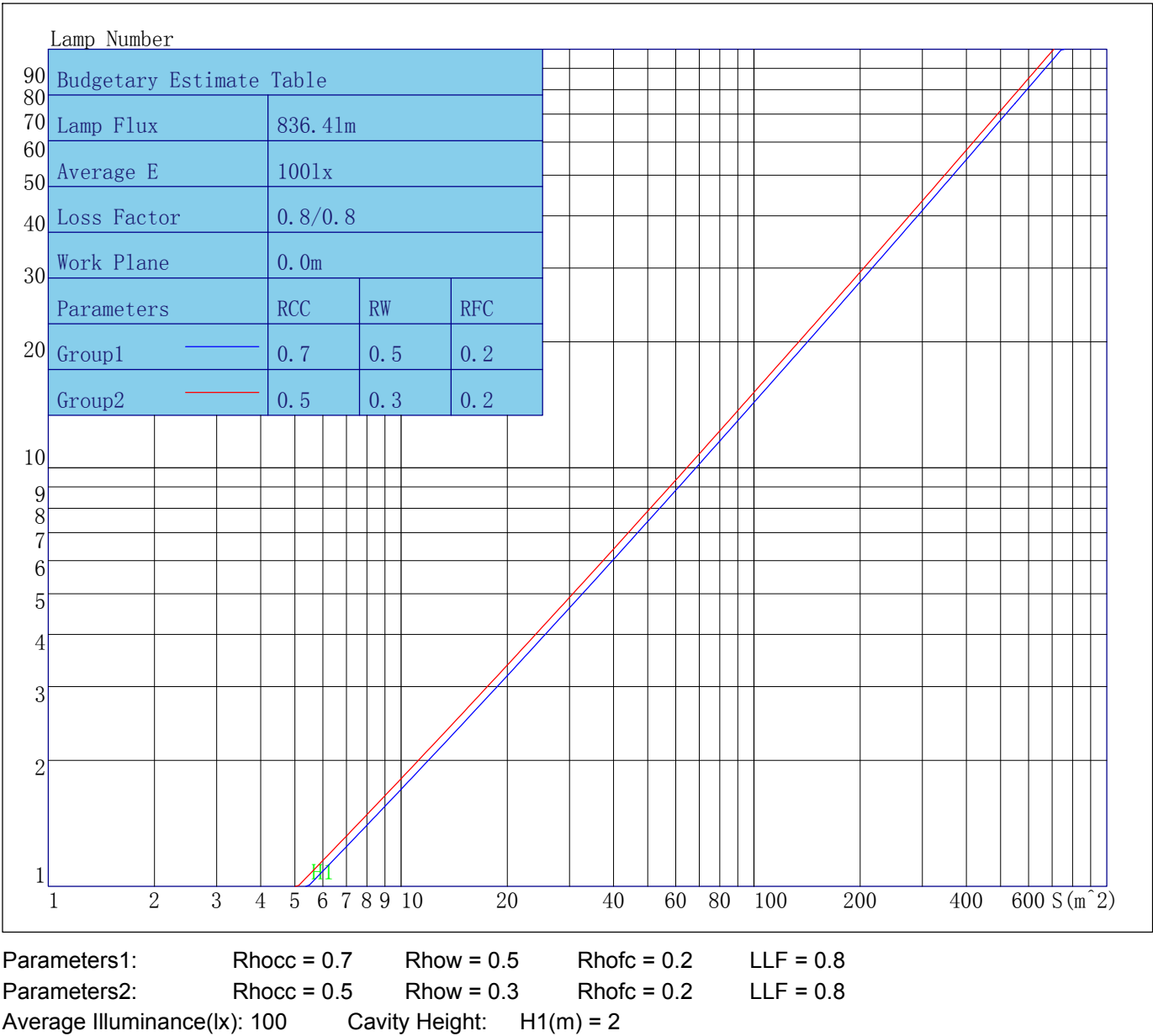
Luminous Curves:

C0-C180 Color: —

C90-C270 Color: —

Indoor Budgetary Estimate Table

Lum. Name: TR09-09-XX-02 4000K RA90 24D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28



Indoor Coefficient of Utilization Table

Lum. Name: TR09-09-XX-02 4000K RA90 24D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	98	97	97	95
2	110	106	103	100	108	105	102	99	101	99	97	98	96	95	95	94	93	91
3	106	101	98	94	104	100	96	94	97	94	92	95	93	91	93	91	89	88
4	103	97	93	90	101	96	92	89	94	91	88	92	89	87	90	88	86	85
5	100	93	89	86	98	92	88	85	91	87	84	89	86	84	87	85	83	82
6	96	90	85	82	95	89	85	82	88	84	81	86	83	81	85	82	80	79
7	94	87	82	79	92	86	82	79	85	81	79	84	81	78	83	80	78	77
8	91	84	80	77	90	83	79	76	82	79	76	81	78	76	81	78	75	74
9	88	81	77	74	87	81	77	74	80	76	74	79	76	74	78	75	73	72
10	86	79	75	72	85	79	75	72	78	74	72	77	74	72	76	73	71	70

Unified Glare Rating Table

Lum. Name: TR09-09-XX-02 4000K RA90 24D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28

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	16.2	17.1	16.6	17.5	17.8	15.6	16.5	16.0	16.9	17.2
	16.8	17.6	17.2	18.0	18.4	16.1	17.0	16.5	17.3	17.7
	17.1	17.8	17.5	18.2	18.6	16.4	17.1	16.8	17.5	17.9
	17.3	18.1	17.8	18.4	18.9	16.6	17.3	17.0	17.7	18.1
	17.5	18.1	17.9	18.6	19.0	16.6	17.3	17.1	17.7	18.2
	17.6	18.3	18.1	18.7	19.1	16.7	17.4	17.2	17.8	18.2
X=4H    Y=2H	16.4	17.2	16.8	17.5	17.9	15.8	16.6	16.2	17.0	17.4
	17.1	17.8	17.6	18.2	18.6	16.5	17.2	17.0	17.6	18.0
	17.5	18.1	18.0	18.5	19.0	16.8	17.4	17.3	17.9	18.3
	18.0	18.4	18.4	18.9	19.4	17.2	17.7	17.7	18.1	18.6
	18.2	18.6	18.7	19.1	19.6	17.3	17.8	17.8	18.2	18.7
	18.4	18.8	18.9	19.3	19.8	17.5	17.9	18.0	18.4	18.9
X=8H    Y=4H	17.6	18.1	18.1	18.6	19.1	16.9	17.4	17.4	17.9	18.4
	18.2	18.6	18.7	19.1	19.6	17.4	17.8	17.9	18.3	18.8
	18.5	18.8	19.1	19.4	19.9	17.6	18.0	18.2	18.5	19.0
	18.9	19.2	19.5	19.7	20.3	17.9	18.2	18.4	18.7	19.3
X=12H    Y=4H	17.6	18.0	18.1	18.5	19.0	16.9	17.3	17.4	17.8	18.3
	18.2	18.6	18.8	19.0	19.6	17.4	17.8	18.0	18.2	18.8
	18.6	18.9	19.2	19.4	20.0	17.7	18.0	18.3	18.5	19.1
Variations with the objerver position at spacings										
S=1.0H	0.2/-0.2					0.4/-0.4				
S=1.5H	0.5/-0.5					0.6/-0.7				
S=2.0H	0.8/-0.8					1.0/-1.0				
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.

IES Indoor Report

Photometric Filename:TR09-09-XX-02 4000K RA90 24D.IES

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Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	2938.19	2938.19	2938.19	2938.19
γ 1.0	3005.45	2906.99	2924.29	2864.18
γ 2.0	3023.09	2924.04	2879.03	2842.42
γ 3.0	3034.32	2931.92	2835.79	2825.06
γ 4.0	3032.98	2926.22	2790.09	2796.43
γ 5.0	3025.19	2909.86	2741.15	2759.22
γ 6.0	2991.48	2883.32	2682.13	2715.92
γ 7.0	2942.49	2835.16	2614.36	2658.57
γ 8.0	2860.27	2761.38	2535.00	2582.93
γ 9.0	2760.00	2660.52	2437.58	2489.29
γ 10.0	2617.98	2535.91	2322.00	2373.27
γ 11.0	2458.47	2381.38	2189.43	2243.31
γ 12.0	2277.09	2200.46	2039.21	2089.34
γ 13.0	2074.78	1999.35	1874.58	1928.24
γ 14.0	1852.46	1785.17	1703.55	1750.77
γ 15.0	1616.31	1561.78	1519.72	1559.97
γ 16.0	1367.72	1334.11	1336.74	1360.91
γ 17.0	1130.36	1109.44	1152.01	1162.95
γ 18.0	914.16	895.12	967.08	968.03
γ 19.0	721.84	699.83	786.02	788.14
γ 20.0	561.89	531.52	623.44	626.13
γ 21.0	429.94	396.48	476.98	485.57
γ 22.0	326.80	294.39	357.30	370.18
γ 23.0	249.36	220.88	265.88	278.63
γ 24.0	193.88	169.07	197.99	210.65
γ 25.0	154.47	134.97	148.79	160.60
γ 26.0	126.62	111.88	115.04	124.72
γ 27.0	107.26	95.62	91.04	100.53
γ 28.0	93.06	83.96	75.15	83.53
γ 29.0	82.44	75.17	64.14	71.53
γ 30.0	74.00	67.89	56.06	62.58
γ 31.0	67.43	62.11	49.91	55.25
γ 32.0	61.97	57.43	44.71	49.34
γ 33.0	57.31	53.21	40.43	44.56
γ 34.0	53.09	49.31	36.97	40.87
γ 35.0	49.36	45.90	34.15	37.67
γ 36.0	46.04	42.79	31.66	34.97
γ 37.0	43.18	39.88	29.61	32.63
γ 38.0	40.43	37.24	27.85	30.71
γ 39.0	37.91	34.76	26.29	29.01
γ 40.0	35.46	32.48	24.91	27.50
γ 41.0	33.15	30.19	23.72	26.15
γ 42.0	30.90	28.11	22.66	24.96
γ 43.0	28.89	26.17	21.66	23.85
γ 44.0	27.04	24.43	20.71	22.84
γ 45.0	25.42	22.82	19.86	21.93
γ 46.0	23.78	21.35	19.15	21.16

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	22.35	19.94	18.42	20.39
γ 48.0	20.94	18.66	17.77	19.63
γ 49.0	19.65	17.49	17.04	18.89
γ 50.0	18.48	16.41	16.38	18.14
γ 51.0	17.32	15.36	15.68	17.46
γ 52.0	16.26	14.40	15.03	16.71
γ 53.0	15.24	13.48	14.36	15.99
γ 54.0	14.30	12.60	13.72	15.20
γ 55.0	13.46	11.82	13.00	14.46
γ 56.0	12.60	11.10	12.32	13.73
γ 57.0	11.77	10.37	11.66	13.00
γ 58.0	11.03	9.70	11.01	12.25
γ 59.0	10.32	9.08	10.34	11.52
γ 60.0	9.66	8.49	9.71	10.81
γ 61.0	9.03	7.95	9.13	10.14
γ 62.0	8.44	7.43	8.56	9.52
γ 63.0	7.89	6.95	8.03	8.93
γ 64.0	7.38	6.49	7.51	8.38
γ 65.0	6.89	6.07	7.05	7.86
γ 66.0	6.45	5.62	6.59	7.38
γ 67.0	6.02	5.24	6.17	6.91
γ 68.0	5.65	4.89	5.73	6.48
γ 69.0	5.29	4.57	5.35	6.08
γ 70.0	4.92	4.23	5.02	5.72
γ 71.0	4.61	3.90	4.68	5.33
γ 72.0	4.32	3.63	4.32	4.96
γ 73.0	4.05	3.39	3.99	4.66
γ 74.0	3.80	3.16	3.72	4.35
γ 75.0	3.55	2.94	3.45	4.07
γ 76.0	3.34	2.72	3.20	3.81
γ 77.0	3.14	2.52	2.96	3.55
γ 78.0	2.94	2.32	2.74	3.31
γ 79.0	2.74	2.14	2.51	3.07
γ 80.0	2.55	1.98	2.29	2.85
γ 81.0	2.37	1.80	2.08	2.62
γ 82.0	2.20	1.65	1.89	2.41
γ 83.0	2.05	1.49	1.71	2.22
γ 84.0	1.90	1.35	1.53	2.03
γ 85.0	1.75	1.22	1.35	1.86
γ 86.0	1.61	1.09	1.19	1.69
γ 87.0	1.48	0.97	1.05	1.52
γ 88.0	1.36	0.84	0.91	1.36
γ 89.0	1.28	0.76	0.76	1.23
γ 90.0	1.20	0.69	0.65	1.13
γ 91.0	1.13	0.64	0.58	1.03
γ 92.0	1.07	0.58	0.51	0.95
γ 93.0	1.00	0.53	0.44	0.88



Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.94	0.49	0.39	0.80
γ 95.0	0.89	0.45	0.33	0.74
γ 96.0	0.84	0.41	0.28	0.68
γ 97.0	0.79	0.39	0.22	0.61
γ 98.0	0.74	0.35	0.18	0.56
γ 99.0	0.69	0.33	0.14	0.52
γ 100.0	0.66	0.31	0.10	0.47
γ 101.0	0.62	0.29	0.07	0.42
γ 102.0	0.58	0.26	0.03	0.39
γ 103.0	0.54	0.24	0.00	0.36
γ 104.0	0.51	0.20	0.00	0.34
γ 105.0	0.46	0.18	0.00	0.30
γ 106.0	0.42	0.16	0.00	0.29
γ 107.0	0.39	0.12	0.00	0.28
γ 108.0	0.35	0.09	0.00	0.25
γ 109.0	0.32	0.07	0.00	0.24
γ 110.0	0.27	0.04	0.00	0.24
γ 111.0	0.25	0.00	0.00	0.23
γ 112.0	0.20	0.00	0.00	0.22
γ 113.0	0.16	0.00	0.00	0.21
γ 114.0	0.14	0.00	0.00	0.20
γ 115.0	0.09	0.00	0.00	0.19
γ 116.0	0.07	0.00	0.00	0.19
γ 117.0	0.03	0.00	0.00	0.18
γ 118.0	0.00	0.00	0.00	0.17
γ 119.0	0.00	0.00	0.00	0.16
γ 120.0	0.00	0.00	0.00	0.16
γ 121.0	0.00	0.00	0.00	0.17
γ 122.0	0.00	0.00	0.00	0.17
γ 123.0	0.00	0.00	0.00	0.18
γ 124.0	0.00	0.00	0.00	0.20
γ 125.0	0.00	0.00	0.05	0.25
γ 126.0	0.00	0.00	0.11	0.29
γ 127.0	0.02	0.00	0.18	0.36
γ 128.0	0.09	0.00	0.27	0.44
γ 129.0	0.16	0.00	0.37	0.53
γ 130.0	0.26	0.10	0.49	0.66
γ 131.0	0.37	0.21	0.63	0.78
γ 132.0	0.49	0.35	0.78	0.92
γ 133.0	0.62	0.50	0.94	1.07
γ 134.0	0.77	0.65	1.12	1.23
γ 135.0	0.94	0.83	1.29	1.41
γ 136.0	1.12	1.01	1.47	1.58
γ 137.0	1.29	1.21	1.67	1.77
γ 138.0	1.47	1.40	1.88	1.95
γ 139.0	1.67	1.60	2.08	2.15
γ 140.0	1.87	1.81	2.28	2.35

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	2.08	2.01	2.48	2.54
γ 142.0	2.28	2.22	2.69	2.75
γ 143.0	2.49	2.42	2.91	2.95
γ 144.0	2.70	2.63	3.11	3.15
γ 145.0	2.91	2.82	3.31	3.35
γ 146.0	3.12	3.01	3.51	3.53
γ 147.0	3.31	3.21	3.70	3.71
γ 148.0	3.50	3.40	3.88	3.89
γ 149.0	3.69	3.57	4.07	4.06
γ 150.0	3.88	3.74	4.24	4.23
γ 151.0	4.05	3.91	4.41	4.38
γ 152.0	4.23	4.08	4.57	4.54
γ 153.0	4.39	4.23	4.72	4.67
γ 154.0	4.54	4.38	4.86	4.79
γ 155.0	4.68	4.49	4.98	4.91
γ 156.0	4.79	4.62	5.09	5.01
γ 157.0	4.91	4.73	5.18	5.09
γ 158.0	4.99	4.82	5.26	5.16
γ 159.0	5.08	4.88	5.32	5.22
γ 160.0	5.14	4.95	5.36	5.27
γ 161.0	5.20	4.98	5.41	5.29
γ 162.0	5.21	5.00	5.43	5.30
γ 163.0	5.22	5.02	5.43	5.31
γ 164.0	5.24	5.00	5.43	5.28
γ 165.0	5.22	4.98	5.41	5.26
γ 166.0	5.19	4.95	5.37	5.22
γ 167.0	5.17	4.91	5.31	5.15
γ 168.0	5.14	4.88	5.27	5.09
γ 169.0	5.11	4.86	5.21	5.03
γ 170.0	5.09	4.84	5.17	4.96
γ 171.0	5.07	4.82	5.10	4.91
γ 172.0	5.05	4.82	5.06	4.87
γ 173.0	5.05	4.86	5.02	4.85
γ 174.0	5.04	4.87	4.99	4.83
γ 175.0	5.04	4.89	4.97	4.83
γ 176.0	5.04	4.93	4.97	4.85
γ 177.0	5.05	4.97	4.95	4.88
γ 178.0	5.04	4.96	4.98	4.90
γ 179.0	5.01	4.95	4.98	4.96
γ 180.0	4.99	4.99	4.99	4.99