

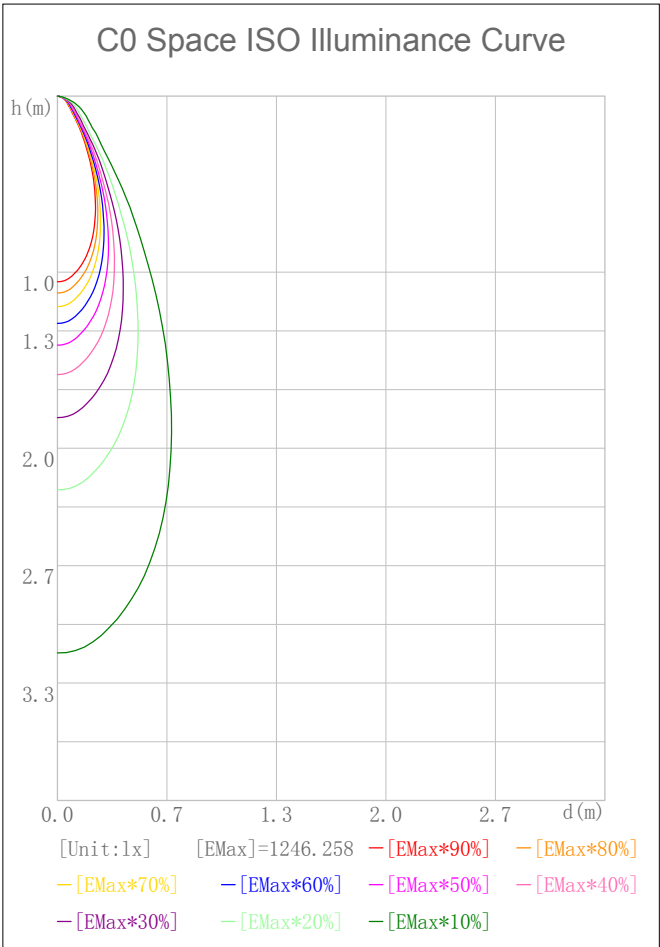
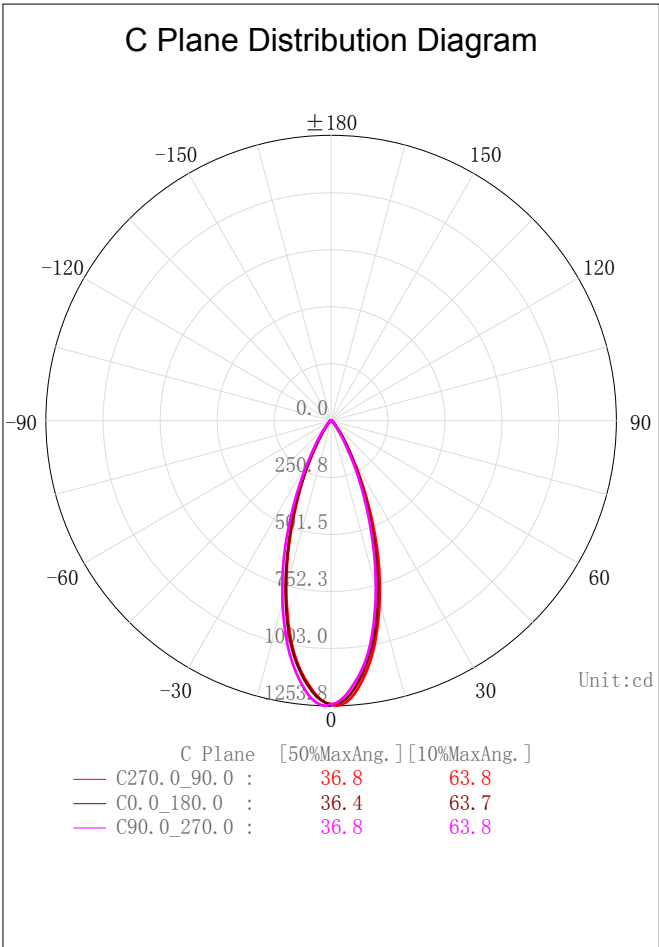
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR04-10-DW-01 1800K-3000K RA95 36D	Lum. Catalog:	Test ID: QIU MEI
Lamp Name:	Lamp Catalog: LED	Test Date: 2019/09/02
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):0.050m*0.050m*0.125m	Lum. Area (m2):0.009	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25
		Humidity(%): 50.0

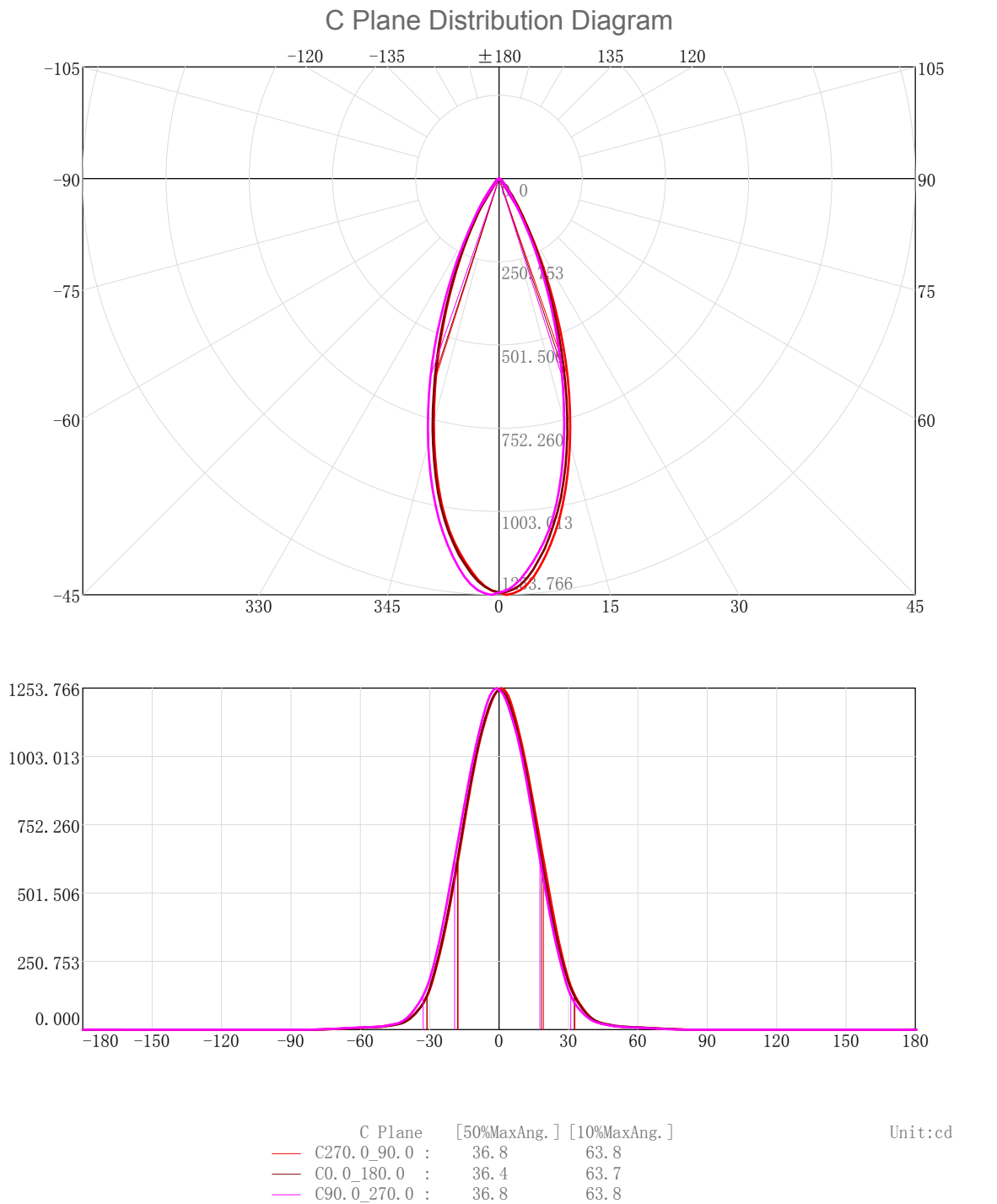
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 559.140	Luminary Flux(lm): 559.139	Field Angle(10%Imax): 63.8(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 559.084lm 99.99%
Rated Voltage(V):	Luminary EER(lm/W): 58.628	Up Lumens&Percent: 0.055lm 0.01%
Tested Power(W): 9.537	Max. Candela(cd): 1253.766	S/MH: C0_a180=0.594 C90_270=0.601
Lamps' Inside: 1	Max Cand@Ang. (°): C=270.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):239.9, 0.043, 0.917	Beam Angle(50%Imax): 36.8(°)	ErP Φ use(90°): 527.997lm
Lamp Size(W*L*H):0.050m*0.050m*0.125m	Left=-17.7°, Right=19.2°	IRF(%): 471.023



2D Plane Light Intensity Distribution Curve

Lum. Name: TR04-10-DW-01 1800K-3000K RA95 36D	Lum. Catalog:	Test ID: QIU MEI
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/09/02



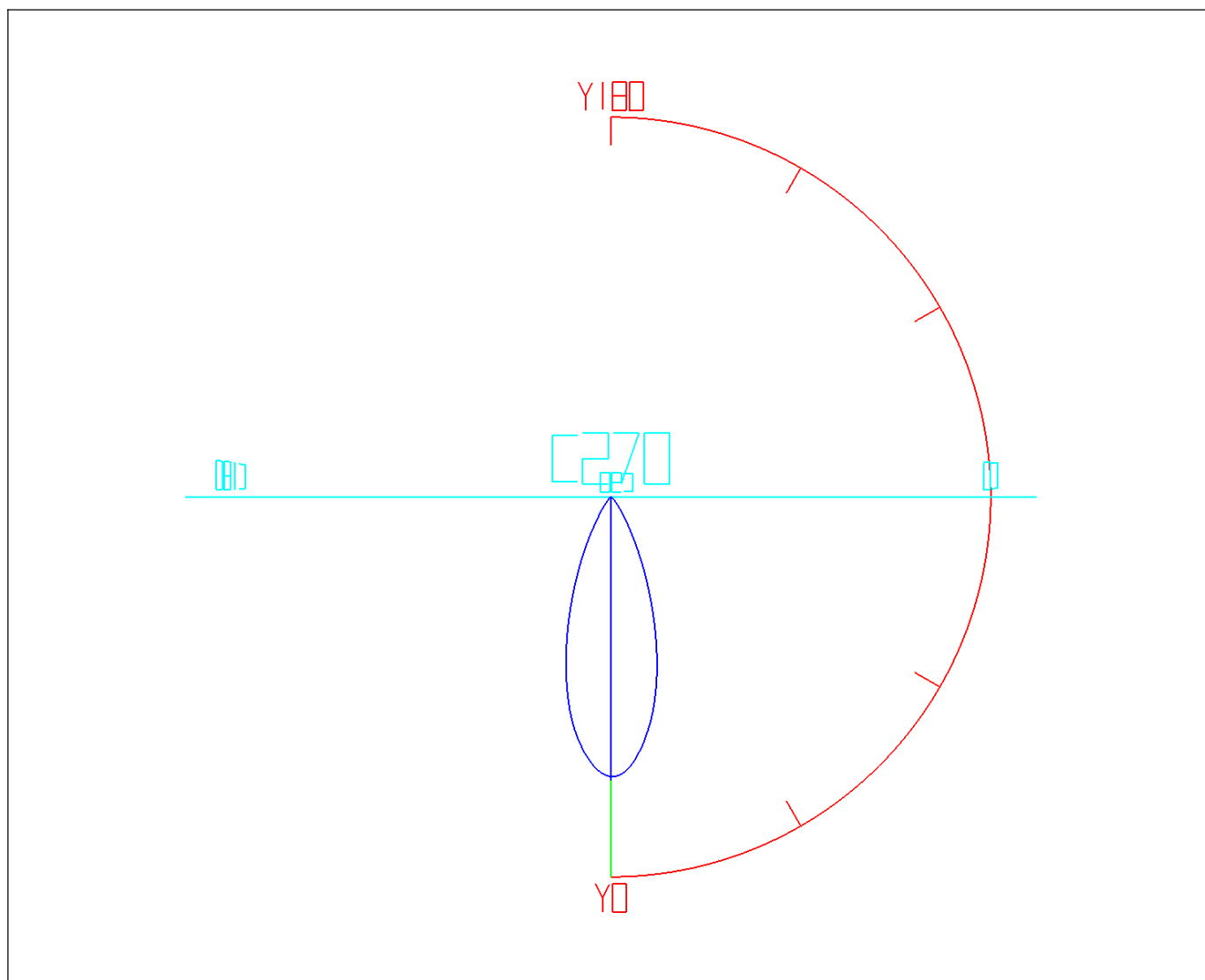
# IES Indoor Report

Photometric Filename:TR04-10-DW-01 1800K-3000K RA95 36D.IES

## 3D Light Intensity Distribution Modal

Lum. Name: TR04-10-DW-01 1800K-3000K RA95 36D	Lum. Catalog:	Test ID: QIU MEI
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/09/02

## 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

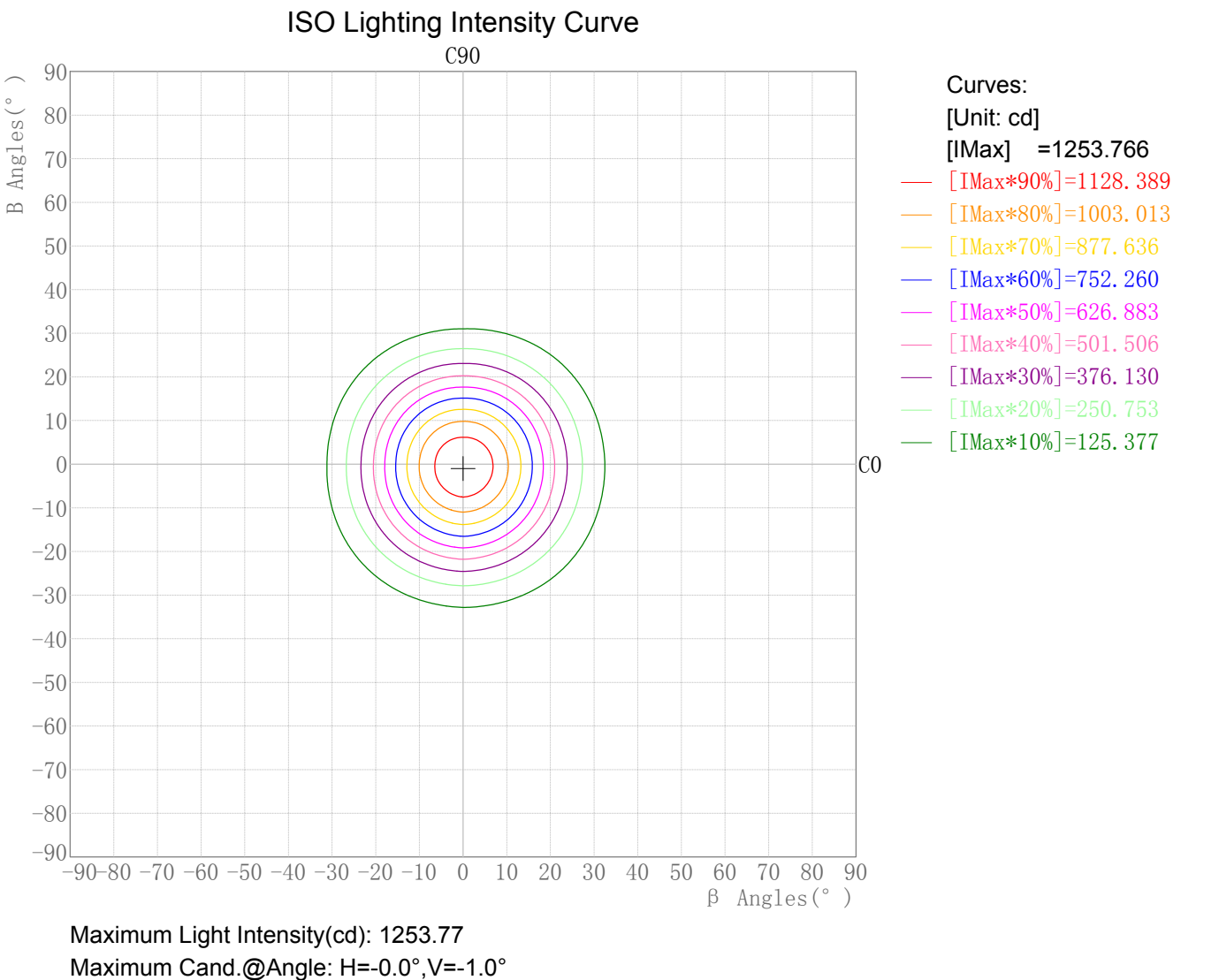
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	1.19	1.19	0.21	0.21	47.0-48.0	1.36	540.11	0.24	96.60
1.0-2.0	3.56	4.75	0.64	0.85	48.0-49.0	1.25	541.36	0.22	96.82
2.0-3.0	5.88	10.63	1.05	1.90	49.0-50.0	1.14	542.50	0.20	97.02
3.0-4.0	8.12	18.75	1.45	3.35	50.0-51.0	1.06	543.55	0.19	97.21
4.0-5.0	10.24	28.99	1.83	5.19	51.0-52.0	1.00	544.56	0.18	97.39
5.0-6.0	12.24	41.23	2.19	7.37	52.0-53.0	0.96	545.52	0.17	97.56
6.0-7.0	14.10	55.33	2.52	9.90	53.0-54.0	0.93	546.44	0.17	97.73
7.0-8.0	15.81	71.14	2.83	12.72	54.0-55.0	0.89	547.33	0.16	97.89
8.0-9.0	17.35	88.49	3.10	15.83	55.0-56.0	0.86	548.19	0.15	98.04
9.0-10.0	18.71	107.20	3.35	19.17	56.0-57.0	0.83	549.03	0.15	98.19
10.0-11.0	19.87	127.07	3.55	22.73	57.0-58.0	0.81	549.83	0.14	98.34
11.0-12.0	20.80	147.87	3.72	26.45	58.0-59.0	0.78	550.61	0.14	98.47
12.0-13.0	21.50	169.37	3.85	30.29	59.0-60.0	0.75	551.36	0.13	98.61
13.0-14.0	22.00	191.37	3.93	34.23	60.0-61.0	0.73	552.09	0.13	98.74
14.0-15.0	22.29	213.66	3.99	38.21	61.0-62.0	0.70	552.78	0.12	98.86
15.0-16.0	22.37	236.03	4.00	42.21	62.0-63.0	0.66	553.45	0.12	98.98
16.0-17.0	22.24	258.26	3.98	46.19	63.0-64.0	0.63	554.08	0.11	99.09
17.0-18.0	21.93	280.19	3.92	50.11	64.0-65.0	0.60	554.68	0.11	99.20
18.0-19.0	21.44	301.63	3.83	53.94	65.0-66.0	0.57	555.25	0.10	99.30
19.0-20.0	20.78	322.40	3.72	57.66	66.0-67.0	0.53	555.77	0.09	99.40
20.0-21.0	19.96	342.36	3.57	61.23	67.0-68.0	0.48	556.25	0.09	99.48
21.0-22.0	19.02	361.38	3.40	64.63	68.0-69.0	0.44	556.69	0.08	99.56
22.0-23.0	17.98	379.36	3.22	67.85	69.0-70.0	0.40	557.09	0.07	99.63
23.0-24.0	16.88	396.24	3.02	70.87	70.0-71.0	0.36	557.45	0.06	99.70
24.0-25.0	15.72	411.96	2.81	73.68	71.0-72.0	0.32	557.77	0.06	99.76
25.0-26.0	14.51	426.47	2.60	76.27	72.0-73.0	0.28	558.06	0.05	99.81
26.0-27.0	13.29	439.76	2.38	78.65	73.0-74.0	0.25	558.31	0.04	99.85
27.0-28.0	12.04	451.80	2.15	80.80	74.0-75.0	0.21	558.52	0.04	99.89
28.0-29.0	10.80	462.60	1.93	82.73	75.0-76.0	0.18	558.69	0.03	99.92
29.0-30.0	9.59	472.20	1.72	84.45	76.0-77.0	0.14	558.83	0.03	99.95
30.0-31.0	8.51	480.70	1.52	85.97	77.0-78.0	0.11	558.94	0.02	99.96
31.0-32.0	7.59	488.29	1.36	87.33	78.0-79.0	0.07	559.01	0.01	99.98
32.0-33.0	6.78	495.07	1.21	88.54	79.0-80.0	0.04	559.06	0.01	99.98
33.0-34.0	6.06	501.13	1.08	89.63	80.0-81.0	0.02	559.08	0.00	99.99
34.0-35.0	5.43	506.56	0.97	90.60	81.0-82.0	0.01	559.08	0.00	99.99
35.0-36.0	4.83	511.39	0.86	91.46	82.0-83.0	0.00	559.08	0.00	99.99
36.0-37.0	4.27	515.66	0.76	92.22	83.0-84.0	0.00	559.08	0.00	99.99
37.0-38.0	3.76	519.41	0.67	92.90	84.0-85.0	0.00	559.08	0.00	99.99
38.0-39.0	3.28	522.69	0.59	93.48	85.0-86.0	0.00	559.08	0.00	99.99
39.0-40.0	2.88	525.57	0.51	94.00	86.0-87.0	0.00	559.08	0.00	99.99
40.0-41.0	2.52	528.09	0.45	94.45	87.0-88.0	0.00	559.08	0.00	99.99
41.0-42.0	2.22	530.32	0.40	94.84	88.0-89.0	0.00	559.08	0.00	99.99
42.0-43.0	1.98	532.30	0.35	95.20	89.0-90.0	0.00	559.08	0.00	99.99
43.0-44.0	1.80	534.10	0.32	95.52	90.0-91.0	0.00	559.08	0.00	99.99
44.0-45.0	1.66	535.75	0.30	95.82	91.0-92.0	0.00	559.08	0.00	99.99
45.0-46.0	1.55	537.30	0.28	96.09	92.0-93.0	0.00	559.08	0.00	99.99
46.0-47.0	1.45	538.75	0.26	96.35	93.0-94.0	0.00	559.08	0.00	99.99

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	0.00	559.08	0.00	99.99	141.0-142.0	0.00	559.08	0.00	99.99
95.0-96.0	0.00	559.08	0.00	99.99	142.0-143.0	0.00	559.08	0.00	99.99
96.0-97.0	0.00	559.08	0.00	99.99	143.0-144.0	0.00	559.08	0.00	99.99
97.0-98.0	0.00	559.08	0.00	99.99	144.0-145.0	0.00	559.08	0.00	99.99
98.0-99.0	0.00	559.08	0.00	99.99	145.0-146.0	0.00	559.08	0.00	99.99
99.0-100.0	0.00	559.08	0.00	99.99	146.0-147.0	0.00	559.08	0.00	99.99
100.0-101.0	0.00	559.08	0.00	99.99	147.0-148.0	0.00	559.08	0.00	99.99
101.0-102.0	0.00	559.08	0.00	99.99	148.0-149.0	0.00	559.08	0.00	99.99
102.0-103.0	0.00	559.08	0.00	99.99	149.0-150.0	0.00	559.08	0.00	99.99
103.0-104.0	0.00	559.08	0.00	99.99	150.0-151.0	0.00	559.08	0.00	99.99
104.0-105.0	0.00	559.08	0.00	99.99	151.0-152.0	0.00	559.08	0.00	99.99
105.0-106.0	0.00	559.08	0.00	99.99	152.0-153.0	0.00	559.08	0.00	99.99
106.0-107.0	0.00	559.08	0.00	99.99	153.0-154.0	0.00	559.08	0.00	99.99
107.0-108.0	0.00	559.08	0.00	99.99	154.0-155.0	0.00	559.08	0.00	99.99
108.0-109.0	0.00	559.08	0.00	99.99	155.0-156.0	0.00	559.08	0.00	99.99
109.0-110.0	0.00	559.08	0.00	99.99	156.0-157.0	0.00	559.08	0.00	99.99
110.0-111.0	0.00	559.08	0.00	99.99	157.0-158.0	0.00	559.08	0.00	99.99
111.0-112.0	0.00	559.08	0.00	99.99	158.0-159.0	0.00	559.09	0.00	99.99
112.0-113.0	0.00	559.08	0.00	99.99	159.0-160.0	0.00	559.09	0.00	99.99
113.0-114.0	0.00	559.08	0.00	99.99	160.0-161.0	0.00	559.09	0.00	99.99
114.0-115.0	0.00	559.08	0.00	99.99	161.0-162.0	0.00	559.09	0.00	99.99
115.0-116.0	0.00	559.08	0.00	99.99	162.0-163.0	0.00	559.09	0.00	99.99
116.0-117.0	0.00	559.08	0.00	99.99	163.0-164.0	0.00	559.10	0.00	99.99
117.0-118.0	0.00	559.08	0.00	99.99	164.0-165.0	0.00	559.10	0.00	99.99
118.0-119.0	0.00	559.08	0.00	99.99	165.0-166.0	0.00	559.10	0.00	99.99
119.0-120.0	0.00	559.08	0.00	99.99	166.0-167.0	0.00	559.11	0.00	99.99
120.0-121.0	0.00	559.08	0.00	99.99	167.0-168.0	0.00	559.11	0.00	99.99
121.0-122.0	0.00	559.08	0.00	99.99	168.0-169.0	0.00	559.11	0.00	100.00
122.0-123.0	0.00	559.08	0.00	99.99	169.0-170.0	0.00	559.12	0.00	100.00
123.0-124.0	0.00	559.08	0.00	99.99	170.0-171.0	0.00	559.12	0.00	100.00
124.0-125.0	0.00	559.08	0.00	99.99	171.0-172.0	0.00	559.12	0.00	100.00
125.0-126.0	0.00	559.08	0.00	99.99	172.0-173.0	0.00	559.13	0.00	100.00
126.0-127.0	0.00	559.08	0.00	99.99	173.0-174.0	0.00	559.13	0.00	100.00
127.0-128.0	0.00	559.08	0.00	99.99	174.0-175.0	0.00	559.13	0.00	100.00
128.0-129.0	0.00	559.08	0.00	99.99	175.0-176.0	0.00	559.14	0.00	100.00
129.0-130.0	0.00	559.08	0.00	99.99	176.0-177.0	0.00	559.14	0.00	100.00
130.0-131.0	0.00	559.08	0.00	99.99	177.0-178.0	0.00	559.14	0.00	100.00
131.0-132.0	0.00	559.08	0.00	99.99	178.0-179.0	0.00	559.14	0.00	100.00
132.0-133.0	0.00	559.08	0.00	99.99	179.0-180.0	0.00	559.14	0.00	100.00
133.0-134.0	0.00	559.08	0.00	99.99					
134.0-135.0	0.00	559.08	0.00	99.99					
135.0-136.0	0.00	559.08	0.00	99.99					
136.0-137.0	0.00	559.08	0.00	99.99					
137.0-138.0	0.00	559.08	0.00	99.99					
138.0-139.0	0.00	559.08	0.00	99.99					
139.0-140.0	0.00	559.08	0.00	99.99					
140.0-141.0	0.00	559.08	0.00	99.99					

Rectangle ISO Lighting Intensity Diagram

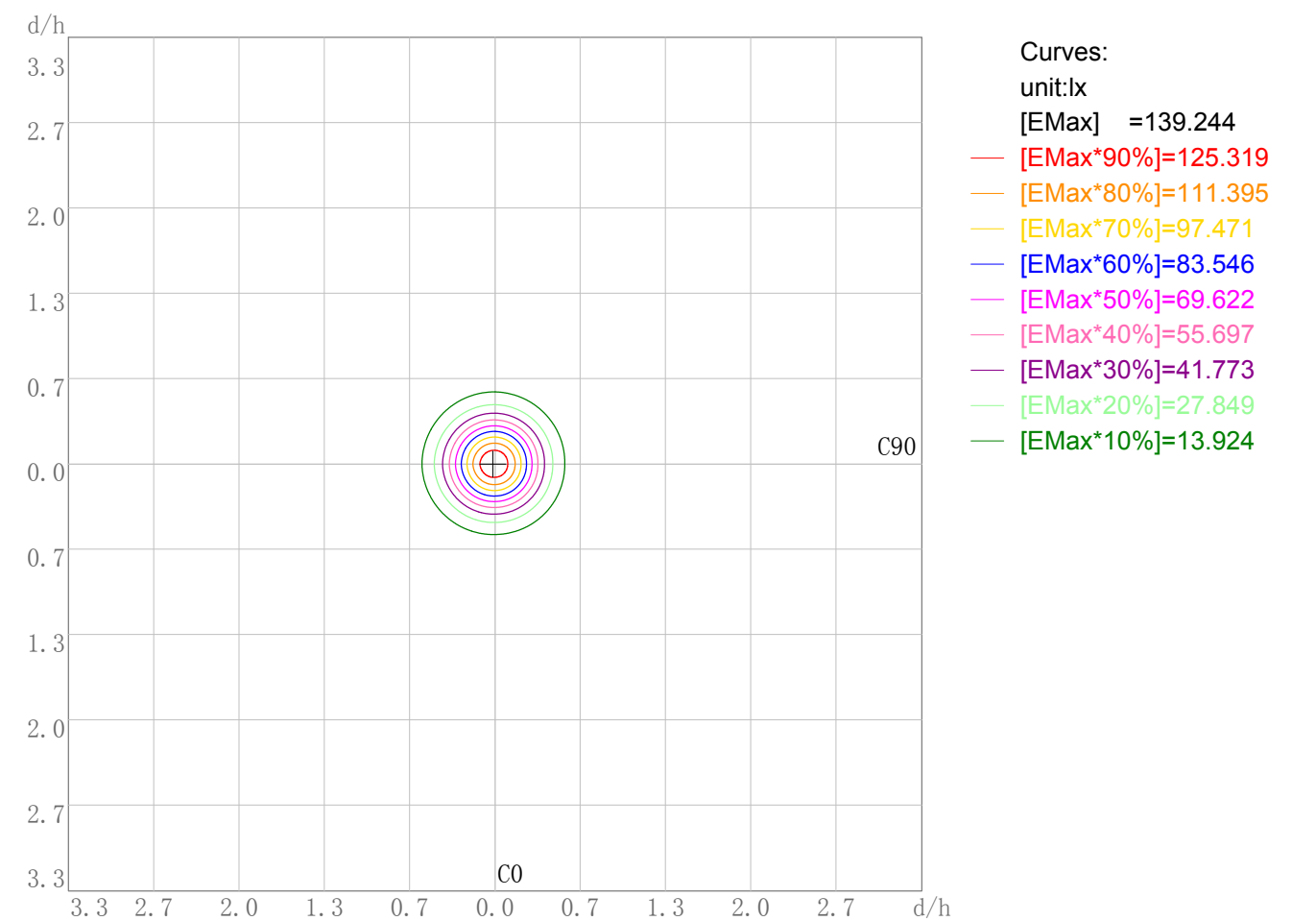
Lum. Name:TR04-10-DW-01 1800K-3000K RA95 36D	Lum. Catalog:	Test ID:QIU MEI
Lamp Name:	Lamp Catalog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/02



Plane ISO-Illuminance Diagram

Lum. Name:TR04-10-DW-01 1800K-3000K RA95 36D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/02

Plane ISO-Illuminance Curve



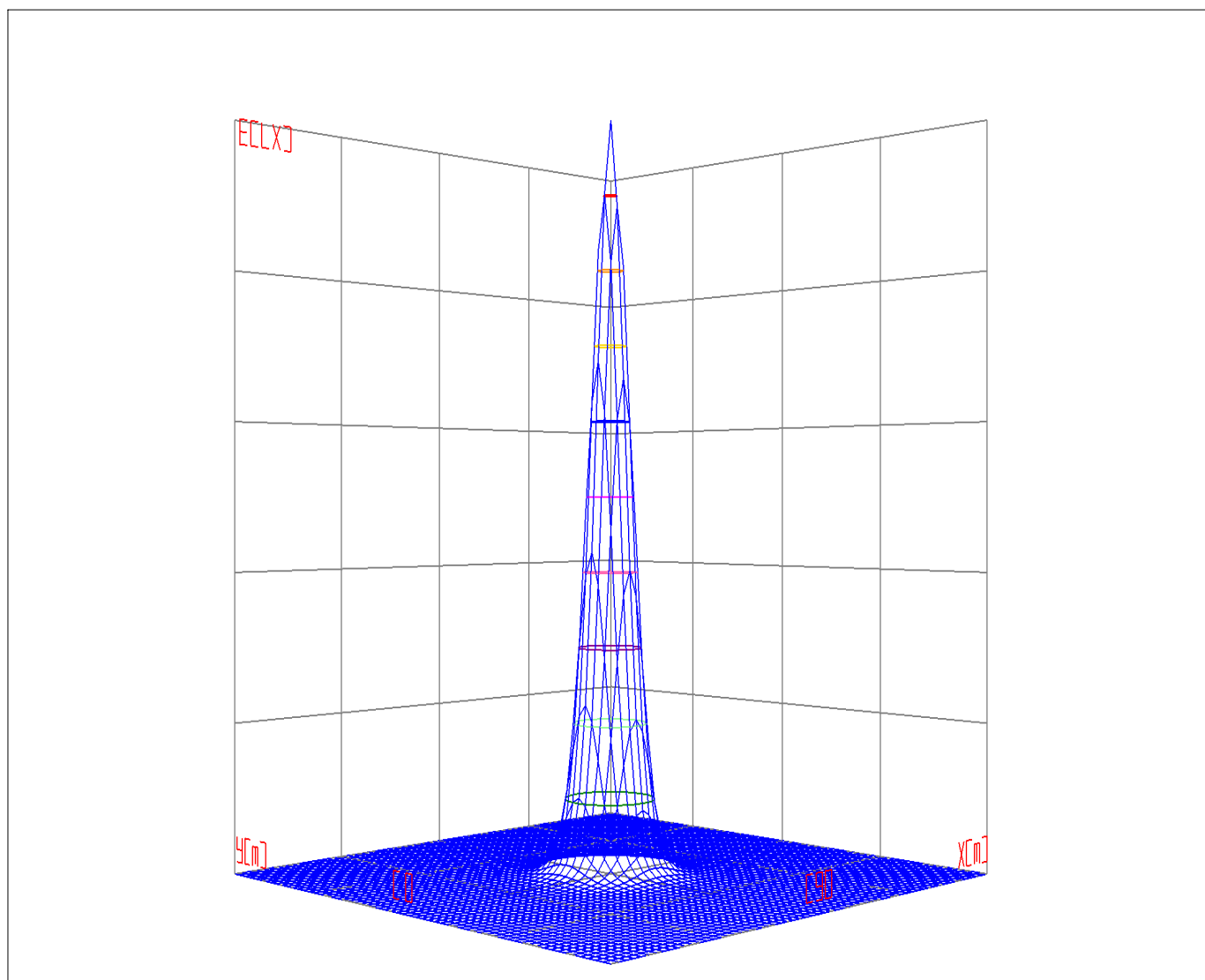
# IES Indoor Report

Photometric Filename:TR04-10-DW-01 1800K-3000K RA95 36D.IES

## 3D Plane ISO Illuminance Diagram

Lum. Name: TR04-10-DW-01 1800K-3000K RA95 36D	Lum. Catalog:	Test ID: QIU MEI
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/09/02

## 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



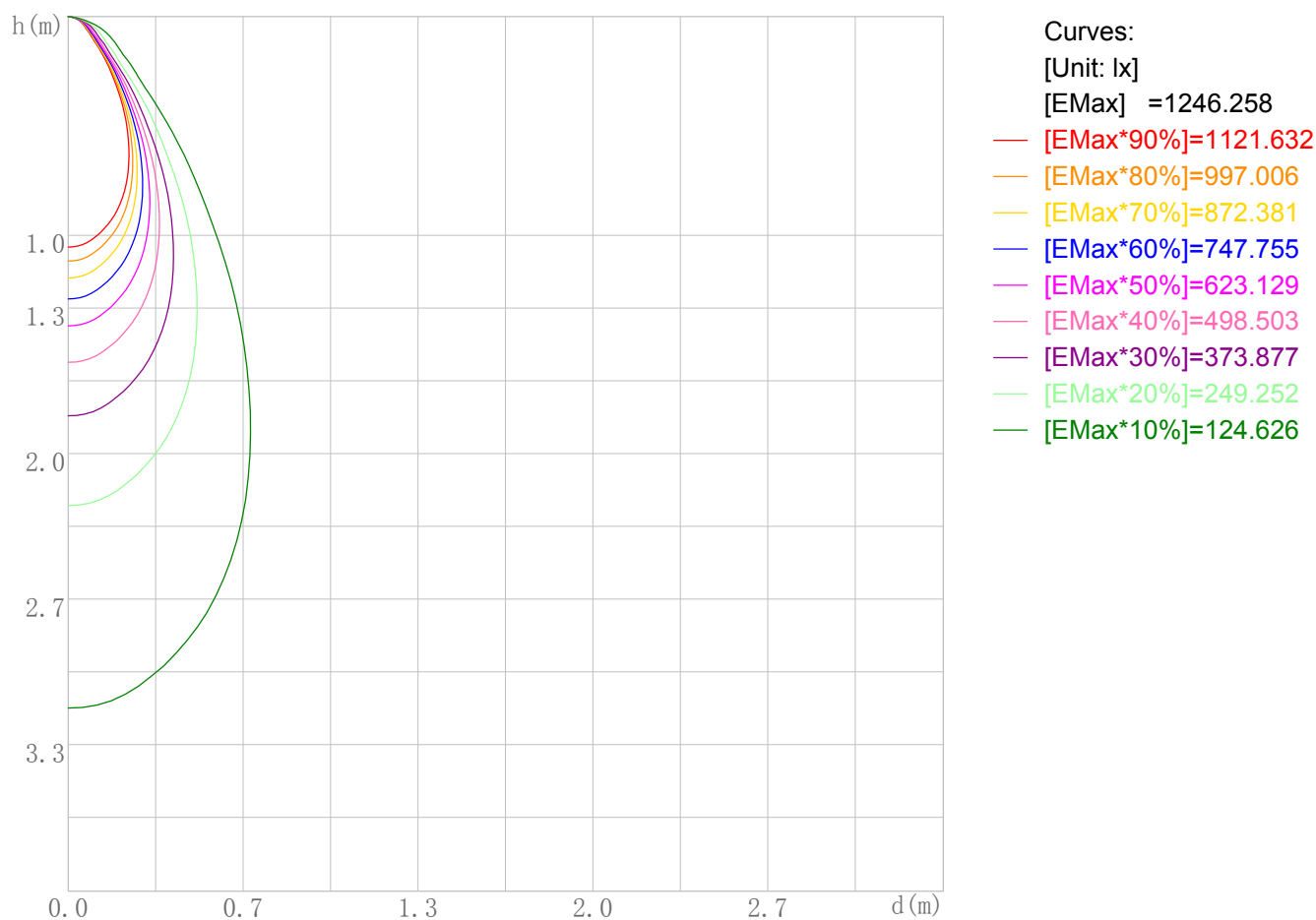
# IES Indoor Report

Photometric Filename:TR04-10-DW-01 1800K-3000K RA95 36D.IES

## Space ISO Illuminance Diagram

Lum. Name: TR04-10-DW-01 1800K-3000K RA95 36D	Lum. Catalog:	Test ID: QIU MEI
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/09/02

### Space ISO Illuminance Curve

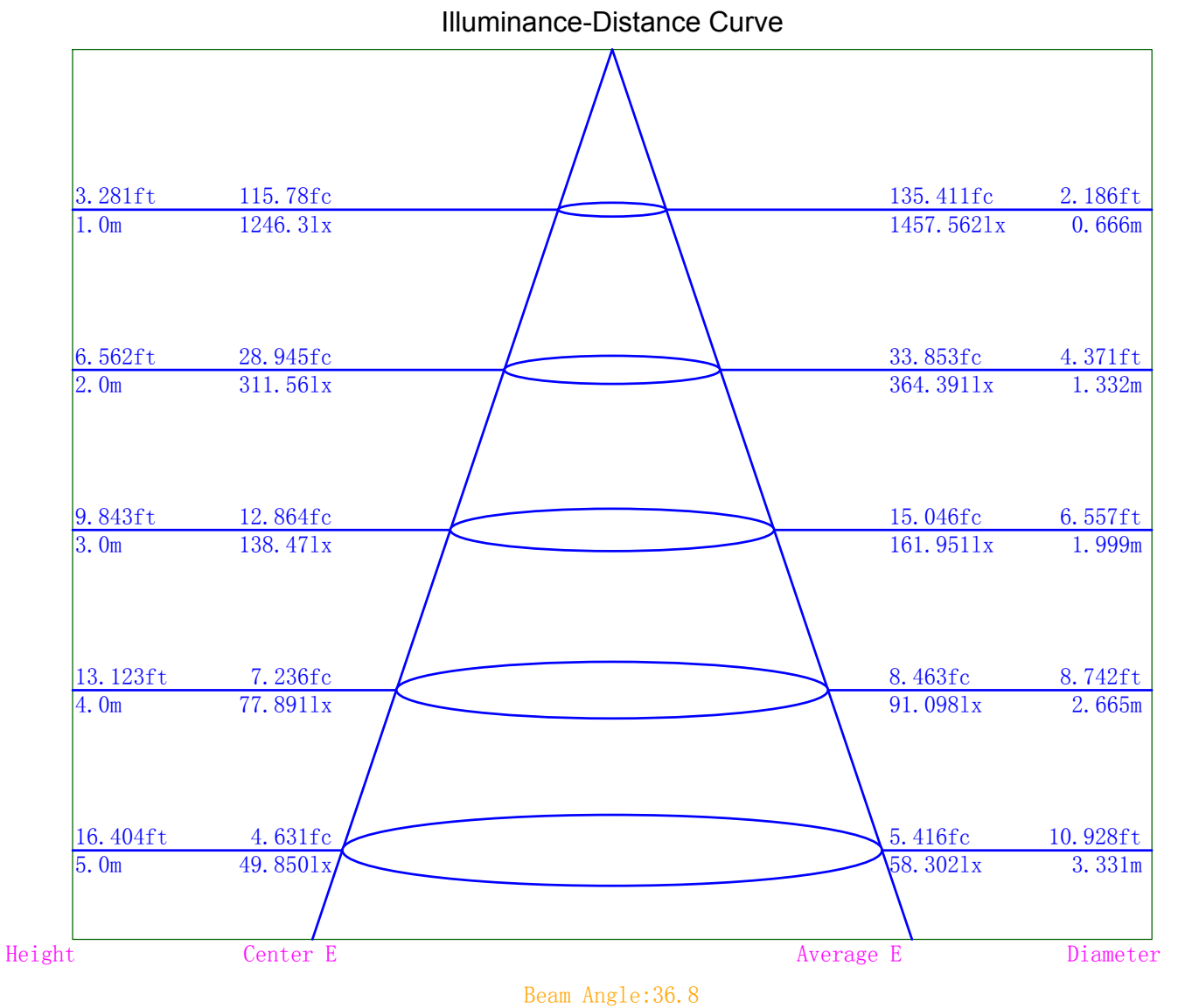


Space Plane Maximum Illuminance and @Angle:1246.26lx,0.0deg

Plane Maximum Lighting Intensity and @Angle:1246.258cd,0deg

Illuminance-Distance Diagram

Lum. Name: TR04-10-DW-01 1800K-3000K RA95 36D	Lum. Catalog:	Test ID: QIU MEI
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/09/02



Indoor Luminance Limiting Curves

Lum. Name: TR04-10-DW-01 1800K-3000K RA95 36D	Lum. Catelog:	Test ID: QIU MEI
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/09/02

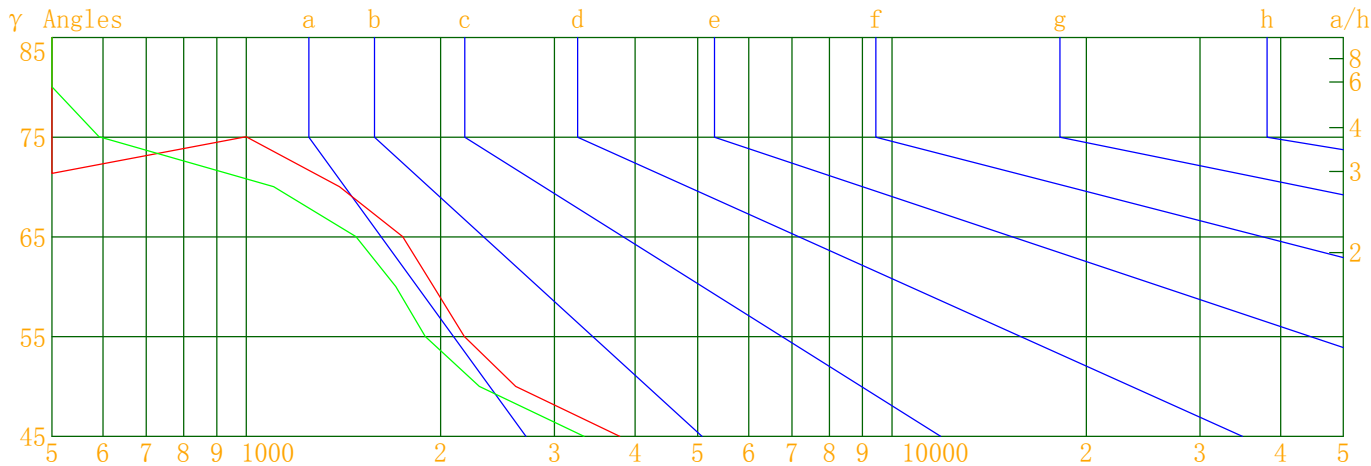
Glare Grade Table

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	3788	2613	2176	1950	1746	1394	999	390	0
C90	3334	2295	1893	1704	1479	1103	591	0	0

Luminance Limiting Curve



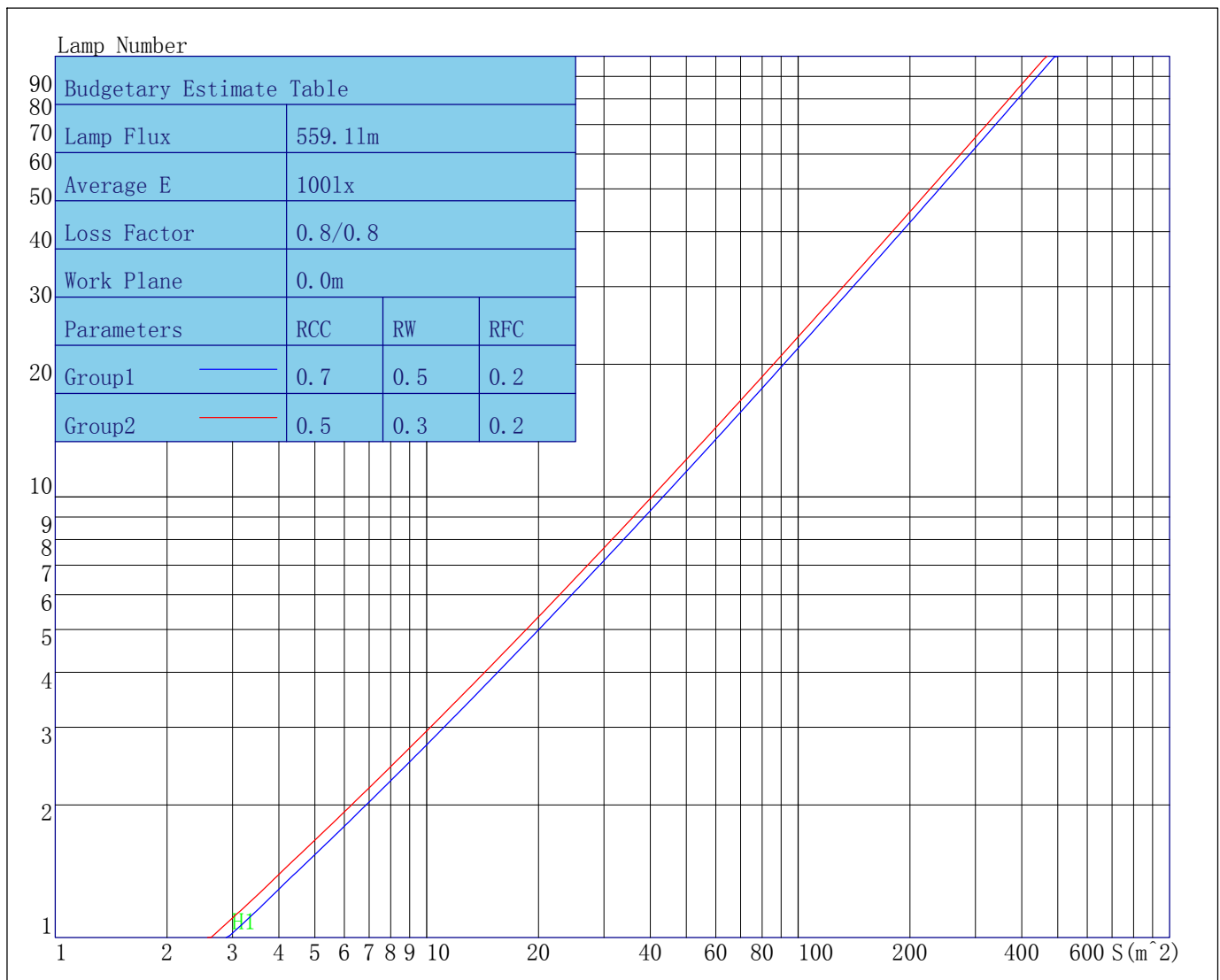
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.125 Area(m^2)=0.008750  
Luminous Type: Without Luminous Side  
Luminous Curves: C0-C180 Color: C90-C270 Color:

# IES Indoor Report

Photometric Filename:TR04-10-DW-01 1800K-3000K RA95 36D.IES

## Indoor Budgetary Estimate Table

Lum. Name: TR04-10-DW-01 1800K-3000K RA95 36D	Lum. Catalog:	Test ID: QIU MEI
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/09/02



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

Lum. Name:TR04-10-DW-01 1800K-3000K RA95 36D	Lum. Catelog:	Test ID: QIU MEI
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/09/02

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	102	102	102	100
1	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89
3	104	99	94	91	103	97	93	90	95	91	89	92	90	87	90	88	86	84
4	100	93	89	85	98	92	88	84	90	86	83	88	85	82	86	84	81	80
5	96	89	83	80	94	88	83	79	86	82	79	84	81	78	83	80	77	76
6	92	84	79	75	91	84	79	75	82	78	75	81	77	74	80	76	74	72
7	88	80	75	71	87	80	75	71	79	74	71	77	73	71	76	73	70	69
8	85	77	72	68	84	76	71	68	75	71	68	74	70	67	73	70	67	66
9	82	74	68	65	81	73	68	65	72	68	65	71	67	64	71	67	64	63
10	79	70	65	62	78	70	65	62	69	65	62	69	65	62	68	64	62	60

Unified Glare Rating Table

Lum. Name:TR04-10-DW-01 1800K-3000K RA95 36D	Lum. Catelog:	Test ID: QIU MEI
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/09/02

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	11.5	12.5	11.9	12.8	13.2	10.5	11.5	10.9	11.8	12.2
	11.8	12.7	12.2	13.0	13.4	10.8	11.6	11.2	12.0	12.4
	11.8	12.7	12.3	13.0	13.4	10.8	11.6	11.2	11.9	12.3
	11.8	12.5	12.2	12.9	13.3	10.7	11.4	11.1	11.8	12.2
	11.7	12.4	12.2	12.8	13.2	10.6	11.3	11.0	11.7	12.1
	11.7	12.3	12.1	12.7	13.1	10.5	11.2	11.0	11.6	12.0
X=4H    Y=2H	11.5	12.3	11.9	12.7	13.1	10.5	11.4	11.0	11.7	12.1
	11.9	12.5	12.3	13.0	13.4	10.9	11.5	11.3	12.0	12.4
	11.9	12.5	12.4	13.0	13.4	10.9	11.5	11.3	11.9	12.4
	11.9	12.4	12.4	12.9	13.3	10.8	11.3	11.3	11.8	12.2
	11.8	12.3	12.3	12.8	13.2	10.7	11.2	11.2	11.6	12.1
	11.8	12.2	12.3	12.7	13.1	10.6	11.1	11.1	11.6	12.0
X=8H    Y=4H	11.8	12.3	12.3	12.8	13.3	10.8	11.3	11.3	11.7	12.2
	11.8	12.2	12.3	12.7	13.2	10.7	11.1	11.2	11.6	12.1
	11.7	12.1	12.3	12.6	13.1	10.6	10.9	11.1	11.5	12.0
	11.7	12.0	12.2	12.5	13.0	10.5	10.8	11.1	11.3	11.9
X=12H    Y=4H	11.8	12.2	12.3	12.7	13.2	10.7	11.1	11.2	11.6	12.1
	11.7	12.1	12.3	12.5	13.1	10.6	10.9	11.1	11.4	12.0
	11.7	12.0	12.2	12.5	13.0	10.5	10.8	11.1	11.3	11.9
Variations with the objerver position at spacings										
S=1.0H	1.6/-2.3					2.7/-6.4				
S=1.5H	2.1/-3.2					2.9/-5.8				
S=2.0H	2.6/-3.9					3.1/-6.0				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	0.6					0.5				

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	1246.26	1246.26	1246.26	1246.26
γ 1.0	1244.88	1241.35	1240.65	1253.77
γ 2.0	1237.67	1228.11	1229.87	1249.74
γ 3.0	1225.33	1209.62	1214.35	1240.53
γ 4.0	1206.19	1186.05	1192.91	1224.55
γ 5.0	1182.24	1160.04	1167.65	1202.60
γ 6.0	1152.66	1132.92	1141.96	1175.44
γ 7.0	1123.84	1103.29	1110.74	1146.05
γ 8.0	1089.35	1071.20	1079.02	1113.45
γ 9.0	1053.41	1034.30	1043.60	1079.06
γ 10.0	1016.98	995.38	1004.34	1043.27
γ 11.0	977.32	950.65	963.22	1002.49
γ 12.0	933.55	905.08	917.26	960.13
γ 13.0	888.62	856.19	870.22	915.83
γ 14.0	842.48	808.55	822.08	870.41
γ 15.0	794.34	759.06	773.40	824.76
γ 16.0	745.28	708.55	722.90	777.69
γ 17.0	695.68	659.11	672.40	730.40
γ 18.0	645.12	610.54	623.16	682.71
γ 19.0	595.76	561.17	574.36	635.71
γ 20.0	546.94	513.33	526.69	586.85
γ 21.0	500.04	466.58	478.78	538.92
γ 22.0	454.02	421.77	433.97	491.56
γ 23.0	410.90	379.47	391.24	444.93
γ 24.0	369.84	339.13	351.08	400.89
γ 25.0	331.88	301.83	312.05	358.10
γ 26.0	295.24	266.38	275.49	318.42
γ 27.0	261.70	232.72	241.70	280.92
γ 28.0	229.92	200.97	208.88	245.89
γ 29.0	200.88	170.91	180.05	213.89
γ 30.0	174.50	145.72	150.68	184.74
γ 31.0	152.40	125.59	128.51	160.51
γ 32.0	133.41	108.82	110.32	140.05
γ 33.0	116.74	94.36	94.56	122.27
γ 34.0	101.82	82.34	81.64	107.10
γ 35.0	89.62	71.79	71.49	93.33
γ 36.0	76.97	62.30	60.11	81.11
γ 37.0	67.24	54.14	51.98	69.73
γ 38.0	57.33	46.92	43.82	58.93
γ 39.0	49.16	40.72	37.30	50.08
γ 40.0	42.72	35.42	31.98	42.37
γ 41.0	36.89	30.95	27.29	35.93
γ 42.0	32.05	27.47	23.83	30.44
γ 43.0	28.48	24.53	21.18	26.15
γ 44.0	25.64	22.31	19.20	23.01
γ 45.0	23.43	20.63	17.60	20.81
γ 46.0	21.53	19.00	16.27	19.13

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	19.91	17.52	14.98	17.64
γ 48.0	18.22	15.94	13.81	16.13
γ 49.0	16.32	14.33	12.45	14.40
γ 50.0	14.70	12.91	11.31	12.70
γ 51.0	13.71	12.07	10.65	11.79
γ 52.0	12.91	11.28	10.04	11.18
γ 53.0	12.09	10.68	9.58	10.65
γ 54.0	11.52	10.08	9.15	10.22
γ 55.0	10.92	9.50	8.73	9.73
γ 56.0	10.46	9.06	8.33	9.34
γ 57.0	9.96	8.56	8.03	9.05
γ 58.0	9.38	8.26	7.74	8.72
γ 59.0	8.93	7.88	7.39	8.29
γ 60.0	8.53	7.45	7.13	8.00
γ 61.0	8.12	7.09	6.76	7.73
γ 62.0	7.69	6.65	6.35	7.33
γ 63.0	7.28	6.26	6.08	6.96
γ 64.0	6.79	5.90	5.72	6.58
γ 65.0	6.46	5.47	5.39	6.25
γ 66.0	6.00	5.05	5.01	5.80
γ 67.0	5.52	4.55	4.53	5.32
γ 68.0	5.02	4.05	4.18	4.86
γ 69.0	4.60	3.62	3.69	4.41
γ 70.0	4.17	3.30	3.25	4.05
γ 71.0	3.74	2.85	2.93	3.68
γ 72.0	3.26	2.44	2.59	3.27
γ 73.0	2.92	2.07	2.23	2.93
γ 74.0	2.52	1.73	1.87	2.56
γ 75.0	2.26	1.34	1.51	2.24
γ 76.0	1.82	1.04	1.16	1.91
γ 77.0	1.49	0.66	0.88	1.60
γ 78.0	1.16	0.41	0.56	1.25
γ 79.0	0.82	0.00	0.25	0.89
γ 80.0	0.59	0.00	0.00	0.58
γ 81.0	0.22	0.00	0.00	0.27
γ 82.0	0.00	0.00	0.00	0.00
γ 83.0	0.00	0.00	0.00	0.00
γ 84.0	0.00	0.00	0.00	0.00
γ 85.0	0.00	0.00	0.00	0.00
γ 86.0	0.00	0.00	0.00	0.00
γ 87.0	0.00	0.00	0.00	0.00
γ 88.0	0.00	0.00	0.00	0.00
γ 89.0	0.00	0.00	0.00	0.00
γ 90.0	0.00	0.00	0.00	0.00
γ 91.0	0.00	0.00	0.00	0.00
γ 92.0	0.00	0.00	0.00	0.00
γ 93.0	0.00	0.00	0.00	0.00



Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.00	0.00	0.00	0.00
γ 95.0	0.00	0.00	0.00	0.00
γ 96.0	0.00	0.00	0.00	0.00
γ 97.0	0.00	0.00	0.00	0.00
γ 98.0	0.00	0.00	0.00	0.00
γ 99.0	0.00	0.00	0.00	0.00
γ 100.0	0.00	0.00	0.00	0.00
γ 101.0	0.00	0.00	0.00	0.00
γ 102.0	0.00	0.00	0.00	0.00
γ 103.0	0.00	0.00	0.00	0.00
γ 104.0	0.00	0.00	0.00	0.00
γ 105.0	0.00	0.00	0.00	0.00
γ 106.0	0.00	0.00	0.00	0.00
γ 107.0	0.00	0.00	0.00	0.00
γ 108.0	0.00	0.00	0.00	0.00
γ 109.0	0.00	0.00	0.00	0.00
γ 110.0	0.00	0.00	0.00	0.00
γ 111.0	0.00	0.00	0.00	0.00
γ 112.0	0.00	0.00	0.00	0.00
γ 113.0	0.00	0.00	0.00	0.00
γ 114.0	0.00	0.00	0.00	0.00
γ 115.0	0.00	0.00	0.00	0.00
γ 116.0	0.00	0.00	0.00	0.00
γ 117.0	0.00	0.00	0.00	0.00
γ 118.0	0.00	0.00	0.00	0.00
γ 119.0	0.00	0.00	0.00	0.00
γ 120.0	0.00	0.00	0.00	0.00
γ 121.0	0.00	0.00	0.00	0.00
γ 122.0	0.00	0.00	0.00	0.00
γ 123.0	0.00	0.00	0.00	0.00
γ 124.0	0.00	0.00	0.00	0.00
γ 125.0	0.00	0.00	0.00	0.00
γ 126.0	0.00	0.00	0.00	0.00
γ 127.0	0.00	0.00	0.00	0.00
γ 128.0	0.00	0.00	0.00	0.00
γ 129.0	0.00	0.00	0.00	0.00
γ 130.0	0.00	0.00	0.00	0.00
γ 131.0	0.00	0.00	0.00	0.00
γ 132.0	0.00	0.00	0.00	0.00
γ 133.0	0.00	0.00	0.00	0.00
γ 134.0	0.00	0.00	0.00	0.00
γ 135.0	0.00	0.00	0.00	0.00
γ 136.0	0.00	0.00	0.00	0.00
γ 137.0	0.00	0.00	0.00	0.00
γ 138.0	0.00	0.00	0.00	0.00
γ 139.0	0.00	0.00	0.00	0.00
γ 140.0	0.00	0.00	0.00	0.00

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	0.00	0.00	0.00	0.00
γ 142.0	0.00	0.00	0.00	0.00
γ 143.0	0.00	0.00	0.00	0.00
γ 144.0	0.00	0.00	0.00	0.00
γ 145.0	0.00	0.00	0.00	0.00
γ 146.0	0.00	0.00	0.00	0.00
γ 147.0	0.00	0.00	0.00	0.00
γ 148.0	0.00	0.00	0.00	0.00
γ 149.0	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00
γ 151.0	0.00	0.00	0.00	0.00
γ 152.0	0.00	0.00	0.00	0.00
γ 153.0	0.00	0.00	0.00	0.00
γ 154.0	0.00	0.00	0.00	0.00
γ 155.0	0.00	0.00	0.00	0.00
γ 156.0	0.00	0.00	0.00	0.00
γ 157.0	0.00	0.00	0.01	0.00
γ 158.0	0.00	0.00	0.08	0.00
γ 159.0	0.00	0.00	0.08	0.00
γ 160.0	0.00	0.00	0.12	0.07
γ 161.0	0.02	0.00	0.17	0.00
γ 162.0	0.00	0.00	0.17	0.04
γ 163.0	0.02	0.00	0.25	0.07
γ 164.0	0.11	0.00	0.28	0.11
γ 165.0	0.07	0.00	0.26	0.12
γ 166.0	0.13	0.00	0.30	0.19
γ 167.0	0.06	0.00	0.27	0.16
γ 168.0	0.16	0.03	0.30	0.14
γ 169.0	0.19	0.00	0.30	0.17
γ 170.0	0.22	0.06	0.33	0.25
γ 171.0	0.20	0.06	0.34	0.24
γ 172.0	0.21	0.07	0.32	0.24
γ 173.0	0.22	0.13	0.39	0.17
γ 174.0	0.22	0.16	0.32	0.25
γ 175.0	0.28	0.10	0.40	0.25
γ 176.0	0.20	0.16	0.37	0.28
γ 177.0	0.20	0.19	0.49	0.31
γ 178.0	0.33	0.17	0.31	0.34
γ 179.0	0.34	0.17	0.32	0.28
γ 180.0	0.30	0.30	0.30	0.30