

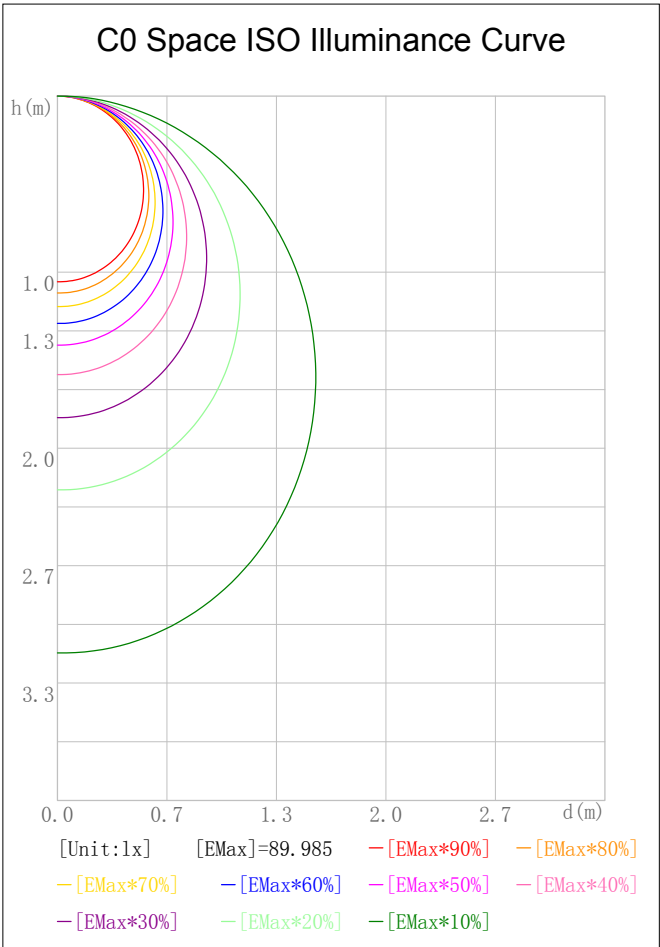
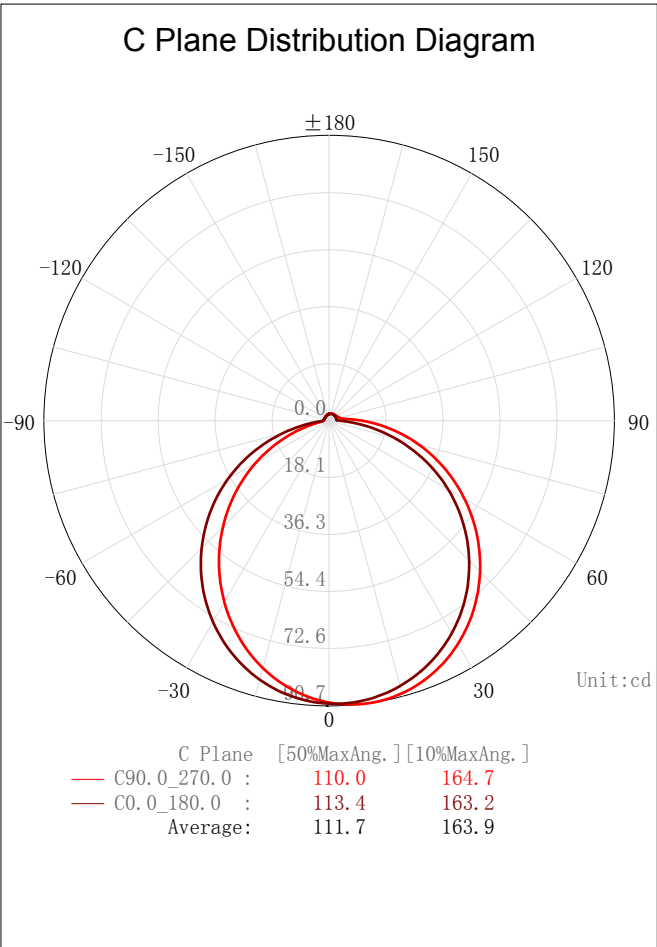
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 测试		Lum. Catelog: 测试	Test ID:
Lamp Name: SE0306F		Lamp Catelog:	Test Date: 2024/05/10
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency (Hz):	Lamp CCT(K): 3500K Ra:
Lum. Size (W*L*H): 30mm*1000mm*60mm		Lum. Area (m2): 0.090	Lum. W (kg): 1.000
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp. (°C): 25	Humidity(%): 40

Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 273.729	Luminary Flux(lm): 273.729	Field Angle(10%Imax): 164.7(°)	
Rated Power(W): 8	Luminary Efficiency: 100.00%	Down Lumens&Percent: 259.677lm 94.87%	
Rated Voltage(V): DC24V	Luminary EER(lm/W): 20.927	Up Lumens&Percent: 14.053lm 5.13%	
Tested Power(W): 13.080	Max. Candela(cd): 90.696	S/MH: C0_a180=1.255 C90_270=1.230	
Lamps' Inside: 1	Max Cand@Ang. (°): C=90.0 γ=8.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf): 23.9, 0.547	Beam Angle(50%Imax): 110.0(°)	ErP ϕ use(120°): 200.378lm	
Lamp Size (W*L*H): 30mm*1000mm*60mm	Left=-46.7°, Right=63.3°	IRF(%): 109.740	



IES Indoor Report

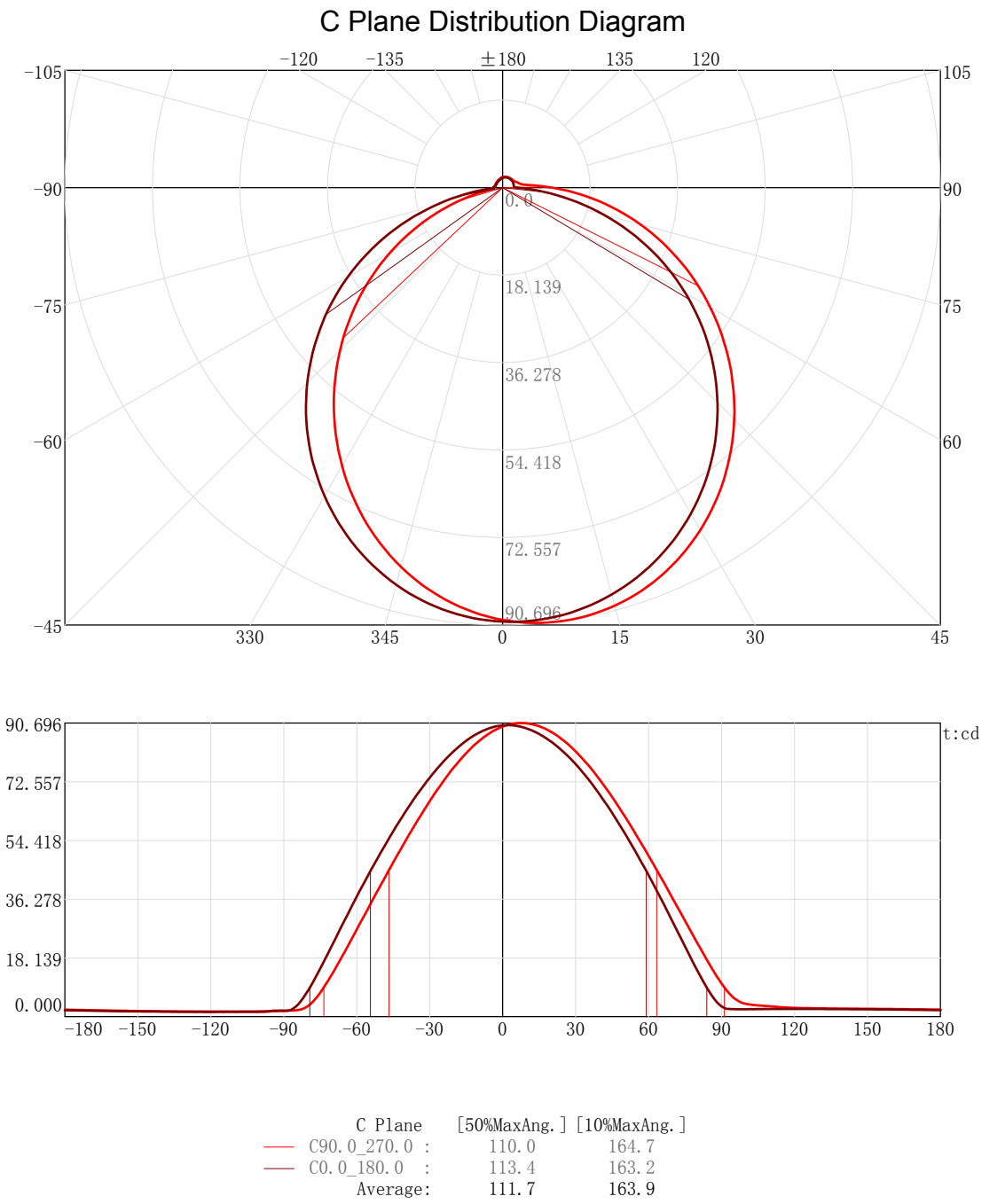
Photometric Filename:SE0306F.IES

Average brightness table(cd/m2)

Angle value	Average	Average	Average
Y(°)	L0	L45	L90
45	989	905	1066
55	979	864	1086
65	963	808	1134
75	932	707	1270
85	984	641	2070

2D Plane Light Intensity Distribution Curve

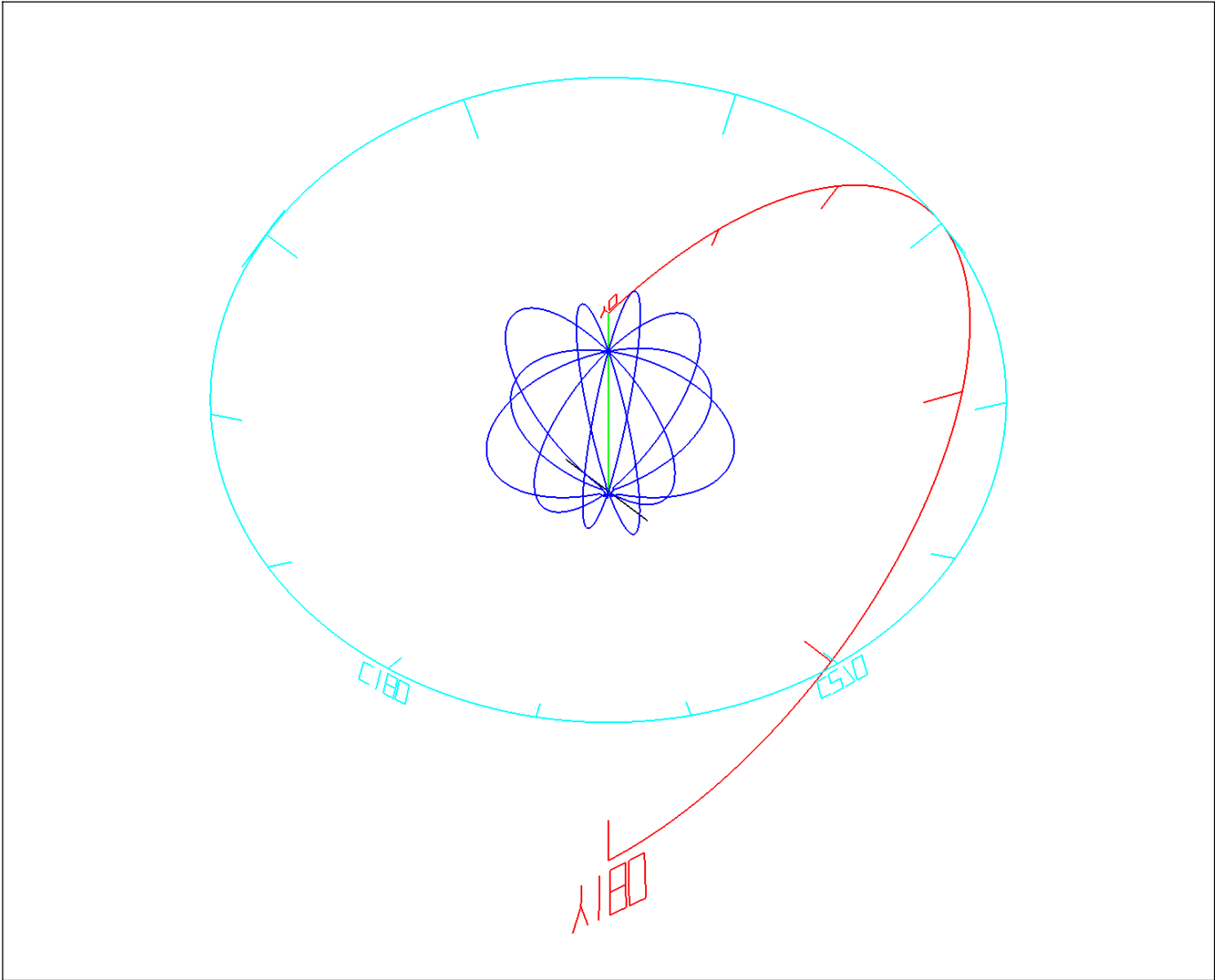
Lum. Name: 测试	Lum. Catalog: 测试	Test ID:
Lamp Name: SE0306F	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/05/10



3D Light Intensity Distribution Modal

Lum. Name: 测试	Lum. Catelog: 测试	Test ID:
Lamp Name: SE0306F	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/05/10

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

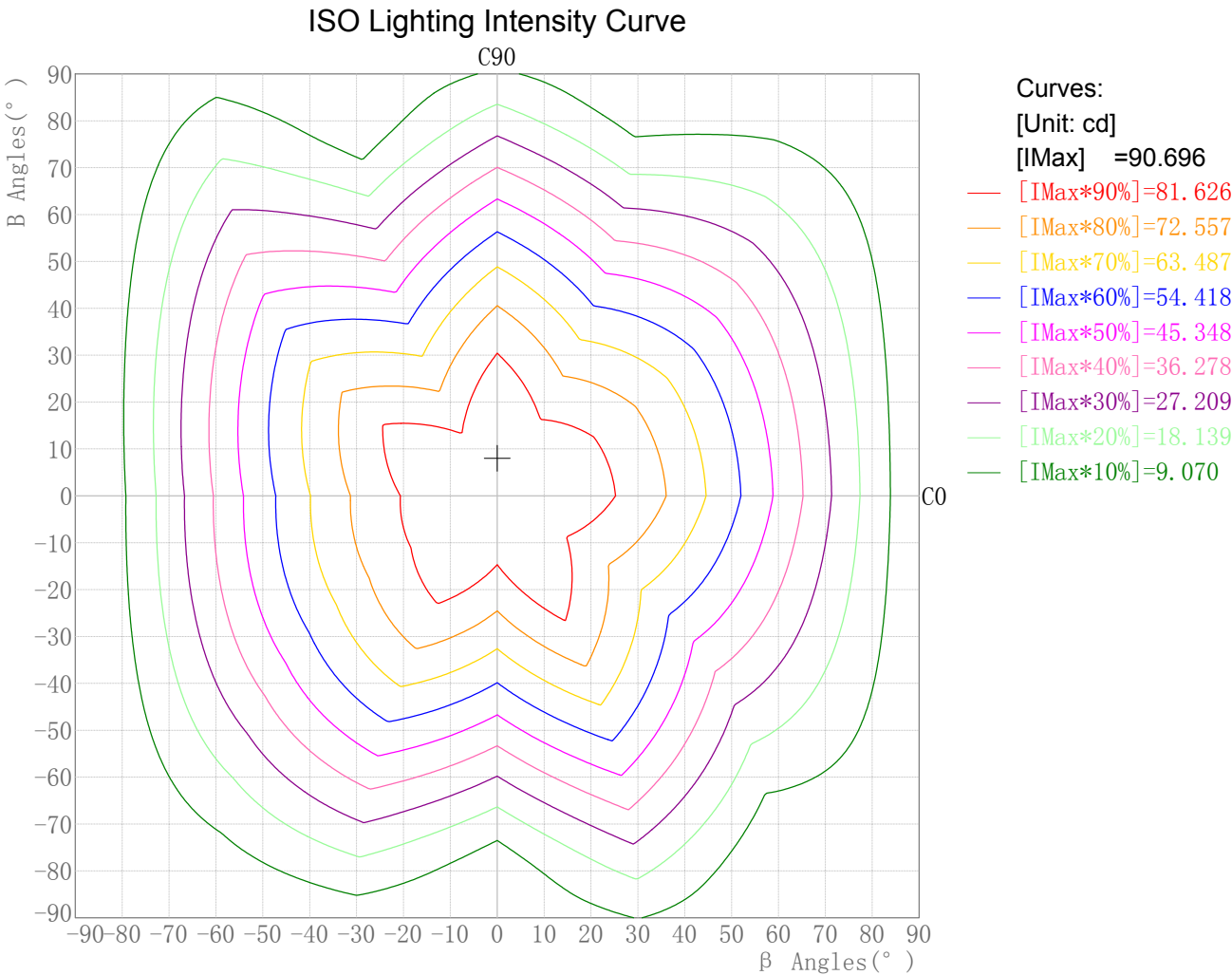
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.09	0.09	0.03	0.03	47.0-48.0	4.52	149.82	1.65	54.73
1.0-2.0	0.26	0.34	0.09	0.13	48.0-49.0	4.49	154.31	1.64	56.37
2.0-3.0	0.43	0.77	0.16	0.28	49.0-50.0	4.45	158.76	1.63	58.00
3.0-4.0	0.60	1.37	0.22	0.50	50.0-51.0	4.41	163.17	1.61	59.61
4.0-5.0	0.77	2.14	0.28	0.78	51.0-52.0	4.36	167.53	1.59	61.20
5.0-6.0	0.94	3.08	0.34	1.13	52.0-53.0	4.31	171.84	1.57	62.78
6.0-7.0	1.11	4.19	0.40	1.53	53.0-54.0	4.25	176.08	1.55	64.33
7.0-8.0	1.27	5.46	0.46	1.99	54.0-55.0	4.18	180.27	1.53	65.86
8.0-9.0	1.44	6.89	0.52	2.52	55.0-56.0	4.11	184.38	1.50	67.36
9.0-10.0	1.60	8.49	0.58	3.10	56.0-57.0	4.04	188.42	1.48	68.83
10.0-11.0	1.76	10.24	0.64	3.74	57.0-58.0	3.96	192.38	1.45	70.28
11.0-12.0	1.91	12.16	0.70	4.44	58.0-59.0	3.88	196.26	1.42	71.70
12.0-13.0	2.07	14.22	0.76	5.20	59.0-60.0	3.79	200.04	1.38	73.08
13.0-14.0	2.22	16.44	0.81	6.01	60.0-61.0	3.69	203.74	1.35	74.43
14.0-15.0	2.37	18.81	0.86	6.87	61.0-62.0	3.59	207.33	1.31	75.74
15.0-16.0	2.51	21.32	0.92	7.79	62.0-63.0	3.49	210.82	1.28	77.02
16.0-17.0	2.65	23.97	0.97	8.76	63.0-64.0	3.38	214.21	1.24	78.26
17.0-18.0	2.79	26.76	1.02	9.78	64.0-65.0	3.28	217.48	1.20	79.45
18.0-19.0	2.92	29.68	1.07	10.84	65.0-66.0	3.16	220.64	1.16	80.61
19.0-20.0	3.05	32.74	1.11	11.96	66.0-67.0	3.04	223.69	1.11	81.72
20.0-21.0	3.18	35.91	1.16	13.12	67.0-68.0	2.92	226.61	1.07	82.79
21.0-22.0	3.30	39.21	1.20	14.32	68.0-69.0	2.80	229.41	1.02	83.81
22.0-23.0	3.41	42.62	1.25	15.57	69.0-70.0	2.67	232.08	0.98	84.78
23.0-24.0	3.52	46.15	1.29	16.86	70.0-71.0	2.54	234.62	0.93	85.71
24.0-25.0	3.63	49.78	1.33	18.18	71.0-72.0	2.41	237.03	0.88	86.59
25.0-26.0	3.73	53.51	1.36	19.55	72.0-73.0	2.28	239.31	0.83	87.43
26.0-27.0	3.83	57.33	1.40	20.94	73.0-74.0	2.15	241.46	0.78	88.21
27.0-28.0	3.92	61.25	1.43	22.38	74.0-75.0	2.01	243.47	0.74	88.95
28.0-29.0	4.00	65.25	1.46	23.84	75.0-76.0	1.88	245.35	0.69	89.63
29.0-30.0	4.08	69.33	1.49	25.33	76.0-77.0	1.75	247.10	0.64	90.27
30.0-31.0	4.16	73.49	1.52	26.85	77.0-78.0	1.62	248.72	0.59	90.86
31.0-32.0	4.22	77.71	1.54	28.39	78.0-79.0	1.49	250.20	0.54	91.41
32.0-33.0	4.29	82.00	1.57	29.96	79.0-80.0	1.36	251.56	0.50	91.90
33.0-34.0	4.34	86.34	1.59	31.54	80.0-81.0	1.24	252.81	0.45	92.36
34.0-35.0	4.40	90.74	1.61	33.15	81.0-82.0	1.13	253.93	0.41	92.77
35.0-36.0	4.44	95.18	1.62	34.77	82.0-83.0	1.02	254.95	0.37	93.14
36.0-37.0	4.48	99.66	1.64	36.41	83.0-84.0	0.91	255.87	0.33	93.47
37.0-38.0	4.51	104.17	1.65	38.06	84.0-85.0	0.82	256.69	0.30	93.77
38.0-39.0	4.54	108.71	1.66	39.71	85.0-86.0	0.74	257.42	0.27	94.04
39.0-40.0	4.56	113.27	1.67	41.38	86.0-87.0	0.66	258.08	0.24	94.28
40.0-41.0	4.58	117.85	1.67	43.05	87.0-88.0	0.59	258.67	0.22	94.50
41.0-42.0	4.59	122.44	1.68	44.73	88.0-89.0	0.53	259.20	0.19	94.69
42.0-43.0	4.59	127.03	1.68	46.41	89.0-90.0	0.48	259.68	0.17	94.87
43.0-44.0	4.59	131.61	1.68	48.08	90.0-91.0	0.43	260.11	0.16	95.02
44.0-45.0	4.58	136.19	1.67	49.75	91.0-92.0	0.39	260.50	0.14	95.17
45.0-46.0	4.56	140.76	1.67	51.42	92.0-93.0	0.36	260.86	0.13	95.30
46.0-47.0	4.55	145.30	1.66	53.08	93.0-94.0	0.34	261.20	0.12	95.42

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	0.31	261.51	0.11	95.54	141.0-142.0	0.14	271.03	0.05	99.01
95.0-96.0	0.30	261.81	0.11	95.65	142.0-143.0	0.13	271.16	0.05	99.06
96.0-97.0	0.28	262.09	0.10	95.75	143.0-144.0	0.13	271.29	0.05	99.11
97.0-98.0	0.27	262.36	0.10	95.85	144.0-145.0	0.13	271.42	0.05	99.16
98.0-99.0	0.26	262.63	0.10	95.94	145.0-146.0	0.13	271.55	0.05	99.20
99.0-100.0	0.26	262.89	0.09	96.04	146.0-147.0	0.12	271.67	0.04	99.25
100.0-101.0	0.25	263.14	0.09	96.13	147.0-148.0	0.12	271.79	0.04	99.29
101.0-102.0	0.25	263.39	0.09	96.22	148.0-149.0	0.12	271.90	0.04	99.33
102.0-103.0	0.25	263.64	0.09	96.31	149.0-150.0	0.11	272.01	0.04	99.37
103.0-104.0	0.24	263.88	0.09	96.40	150.0-151.0	0.11	272.12	0.04	99.41
104.0-105.0	0.24	264.12	0.09	96.49	151.0-152.0	0.11	272.23	0.04	99.45
105.0-106.0	0.24	264.35	0.09	96.57	152.0-153.0	0.10	272.33	0.04	99.49
106.0-107.0	0.23	264.59	0.08	96.66	153.0-154.0	0.10	272.43	0.04	99.53
107.0-108.0	0.23	264.81	0.08	96.74	154.0-155.0	0.10	272.53	0.03	99.56
108.0-109.0	0.23	265.04	0.08	96.83	155.0-156.0	0.09	272.62	0.03	99.59
109.0-110.0	0.22	265.26	0.08	96.91	156.0-157.0	0.09	272.71	0.03	99.63
110.0-111.0	0.22	265.48	0.08	96.99	157.0-158.0	0.09	272.79	0.03	99.66
111.0-112.0	0.22	265.70	0.08	97.07	158.0-159.0	0.08	272.88	0.03	99.69
112.0-113.0	0.21	265.92	0.08	97.15	159.0-160.0	0.08	272.95	0.03	99.72
113.0-114.0	0.21	266.13	0.08	97.22	160.0-161.0	0.07	273.03	0.03	99.74
114.0-115.0	0.21	266.34	0.08	97.30	161.0-162.0	0.07	273.10	0.03	99.77
115.0-116.0	0.21	266.54	0.08	97.38	162.0-163.0	0.07	273.17	0.02	99.79
116.0-117.0	0.20	266.75	0.07	97.45	163.0-164.0	0.06	273.23	0.02	99.82
117.0-118.0	0.20	266.95	0.07	97.52	164.0-165.0	0.06	273.29	0.02	99.84
118.0-119.0	0.20	267.15	0.07	97.60	165.0-166.0	0.06	273.35	0.02	99.86
119.0-120.0	0.20	267.35	0.07	97.67	166.0-167.0	0.05	273.40	0.02	99.88
120.0-121.0	0.19	267.54	0.07	97.74	167.0-168.0	0.05	273.45	0.02	99.90
121.0-122.0	0.19	267.73	0.07	97.81	168.0-169.0	0.04	273.49	0.02	99.91
122.0-123.0	0.19	267.92	0.07	97.88	169.0-170.0	0.04	273.53	0.01	99.93
123.0-124.0	0.19	268.11	0.07	97.95	170.0-171.0	0.04	273.57	0.01	99.94
124.0-125.0	0.18	268.30	0.07	98.02	171.0-172.0	0.03	273.60	0.01	99.95
125.0-126.0	0.18	268.48	0.07	98.08	172.0-173.0	0.03	273.63	0.01	99.96
126.0-127.0	0.18	268.66	0.07	98.15	173.0-174.0	0.03	273.66	0.01	99.97
127.0-128.0	0.18	268.83	0.06	98.21	174.0-175.0	0.02	273.68	0.01	99.98
128.0-129.0	0.17	269.01	0.06	98.28	175.0-176.0	0.02	273.70	0.01	99.99
129.0-130.0	0.17	269.18	0.06	98.34	176.0-177.0	0.01	273.71	0.01	99.99
130.0-131.0	0.17	269.35	0.06	98.40	177.0-178.0	0.01	273.72	0.00	100.00
131.0-132.0	0.17	269.52	0.06	98.46	178.0-179.0	0.01	273.73	0.00	100.00
132.0-133.0	0.16	269.68	0.06	98.52	179.0-180.0	0.00	273.73	0.00	100.00
133.0-134.0	0.16	269.84	0.06	98.58	Conical surface Flux(90deg):136.193 %lm = 49.75 %lamp = 49.75				
134.0-135.0	0.16	270.00	0.06	98.64					
135.0-136.0	0.16	270.15	0.06	98.69					
136.0-137.0	0.15	270.31	0.06	98.75					
137.0-138.0	0.15	270.46	0.05	98.80	Conical surface Flux(120deg):200.042 %lm = 73.08 %lamp = 73.08				
138.0-139.0	0.15	270.60	0.05	98.86					
139.0-140.0	0.14	270.75	0.05	98.91					
140.0-141.0	0.14	270.89	0.05	98.96					

Rectangle ISO Lighting Intensity Diagram

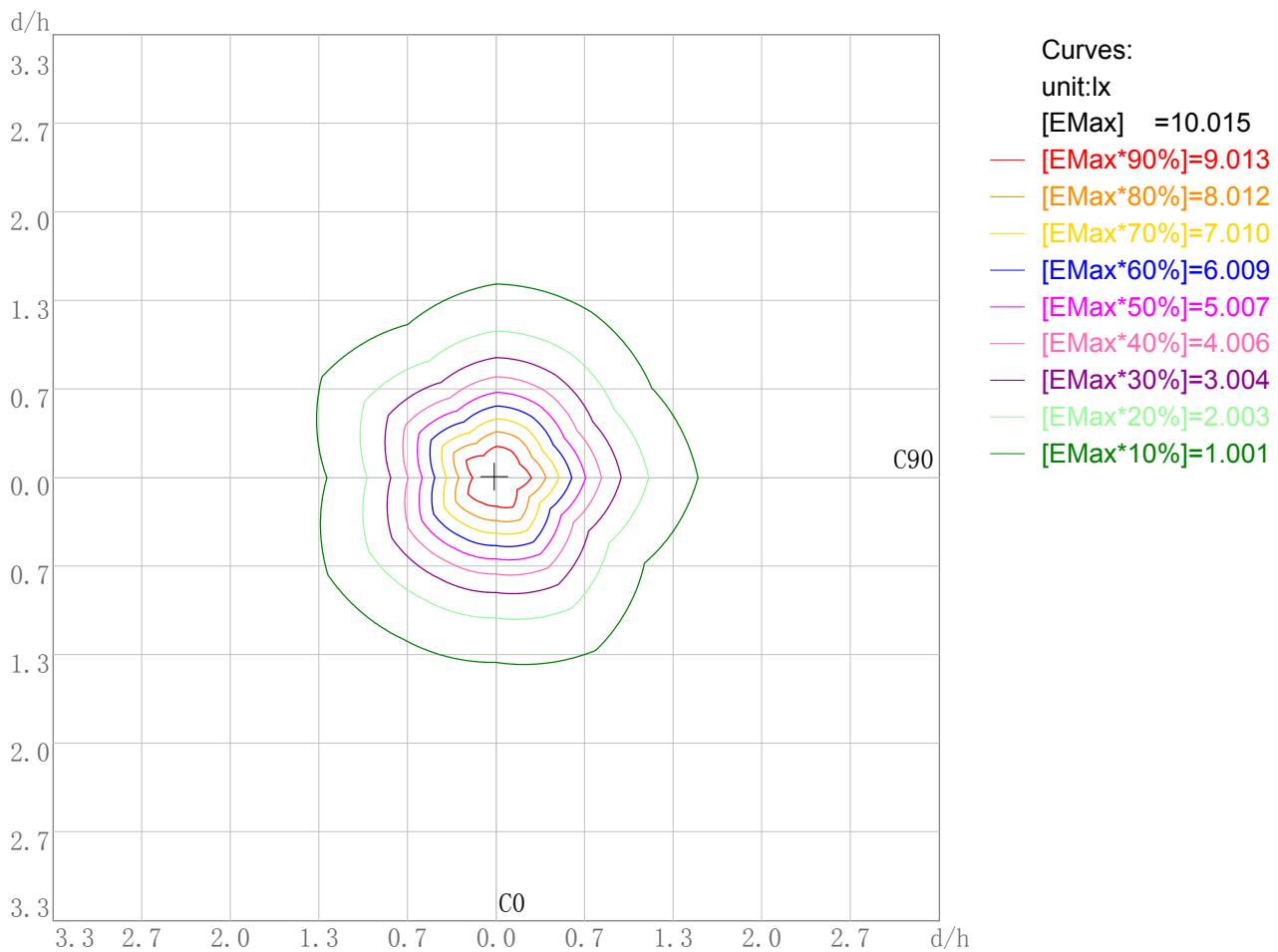
Lum. Name: 测试	Lum. Catalog: 测试	Test ID:
Lamp Name: SE0306F	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/05/10



Plane ISO-Illuminance Diagram

Lum. Name: 测试	Lum. Catalog: 测试	Test ID:
Lamp Name: SE0306F	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/05/10

Plane ISO-Illuminance Curve

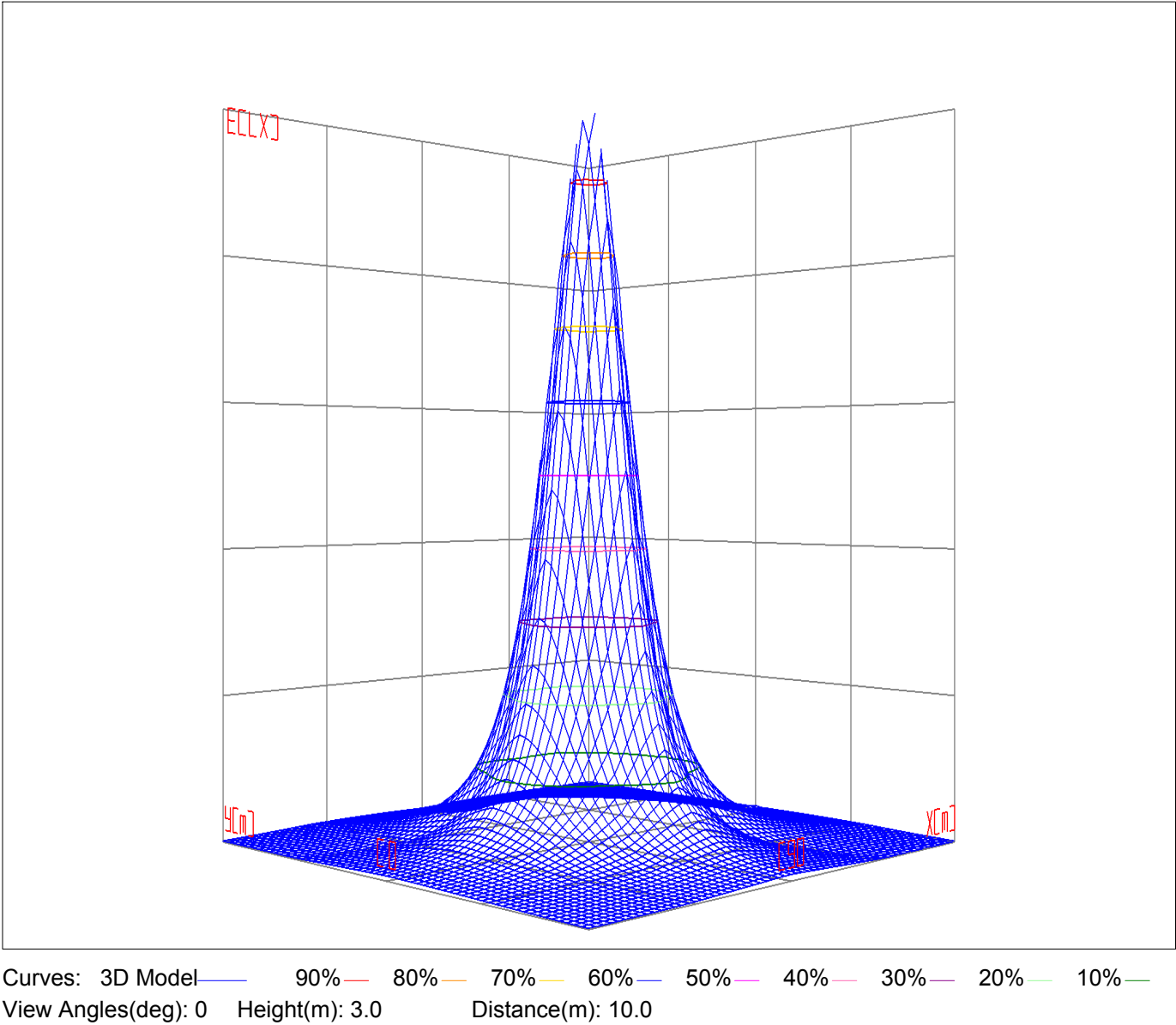


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 10.01
Working Plane Maximum Illuminance Position(d/h):H-0.0 V-0.0

3D Plane ISO Illuminance Diagram

Lum. Name: 测试	Lum. Catelog: 测试	Test ID:
Lamp Name: SE0306F	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/05/10

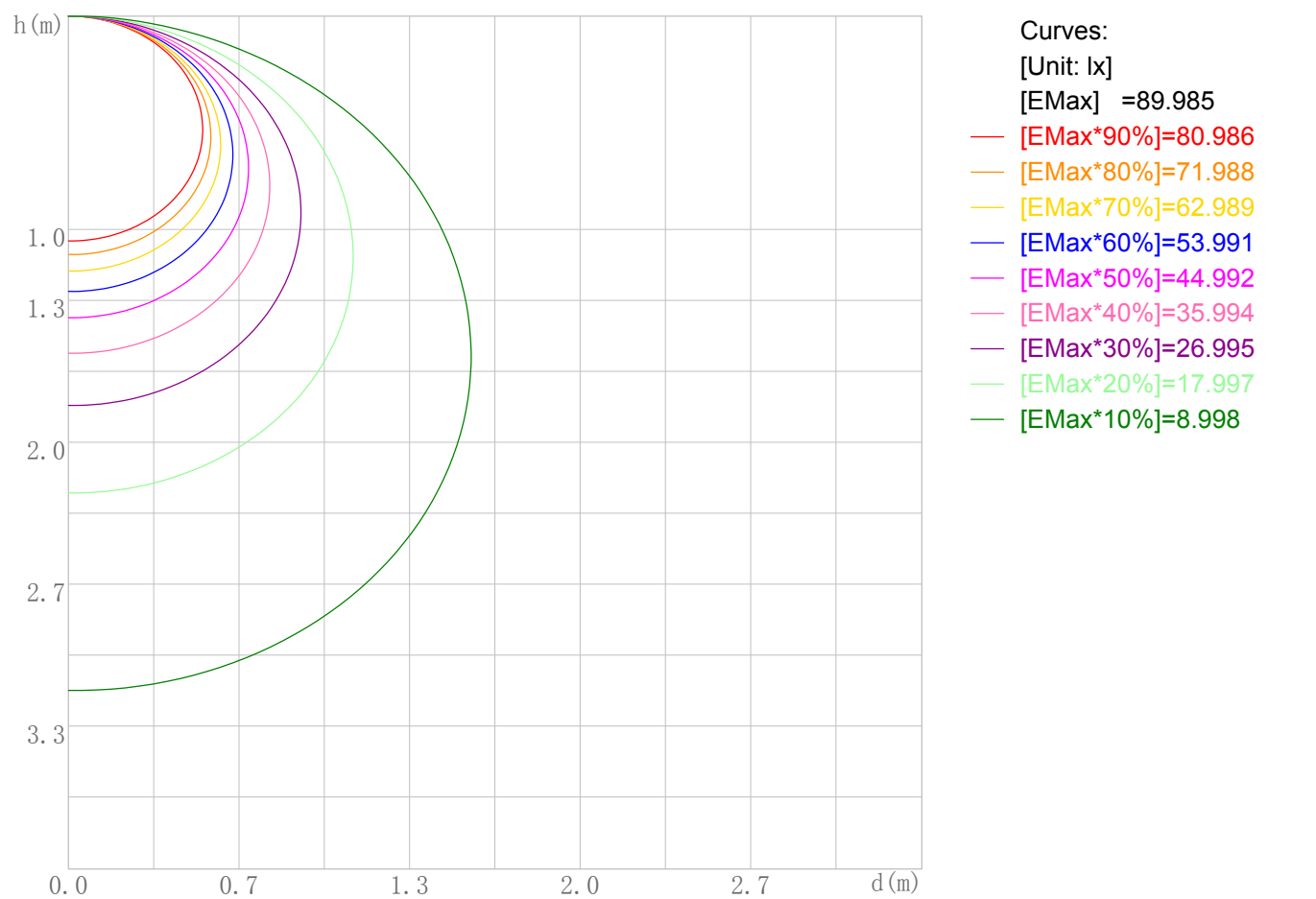
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

Lum. Name: 测试	Lum. Catalog: 测试	Test ID:
Lamp Name: SE0306F	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/05/10

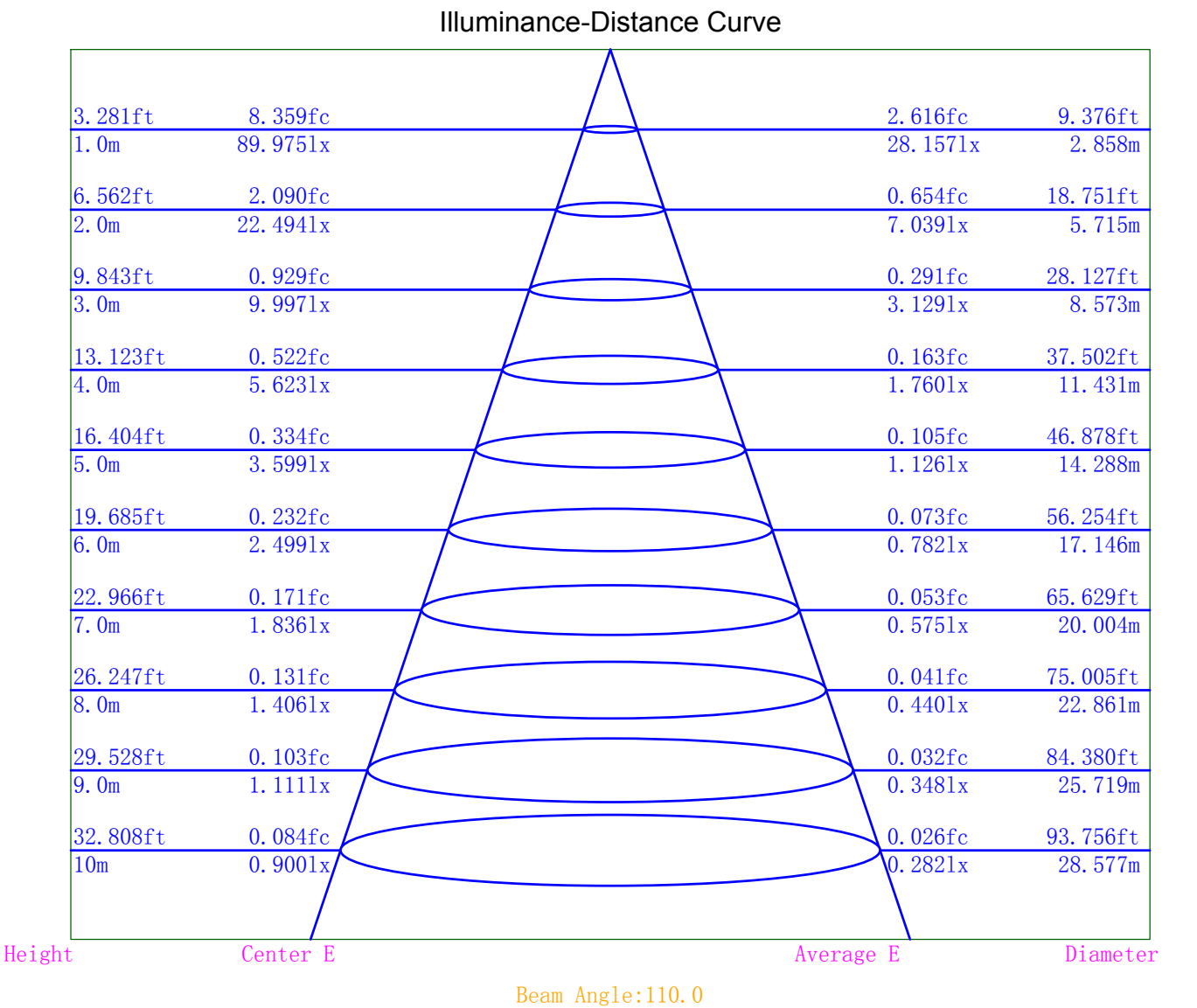
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:89.98lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:90.052cd,0deg

Illuminance-Distance Diagram

Lum. Name: 测试	Lum. Catelog: 测试	Test ID:
Lamp Name: SE0306F	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/05/10



Indoor Luminance Limiting Curves

Lum. Name: 测试	Lum. Catalog: 测试	Test ID:
Lamp Name: SE0306F	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/05/10

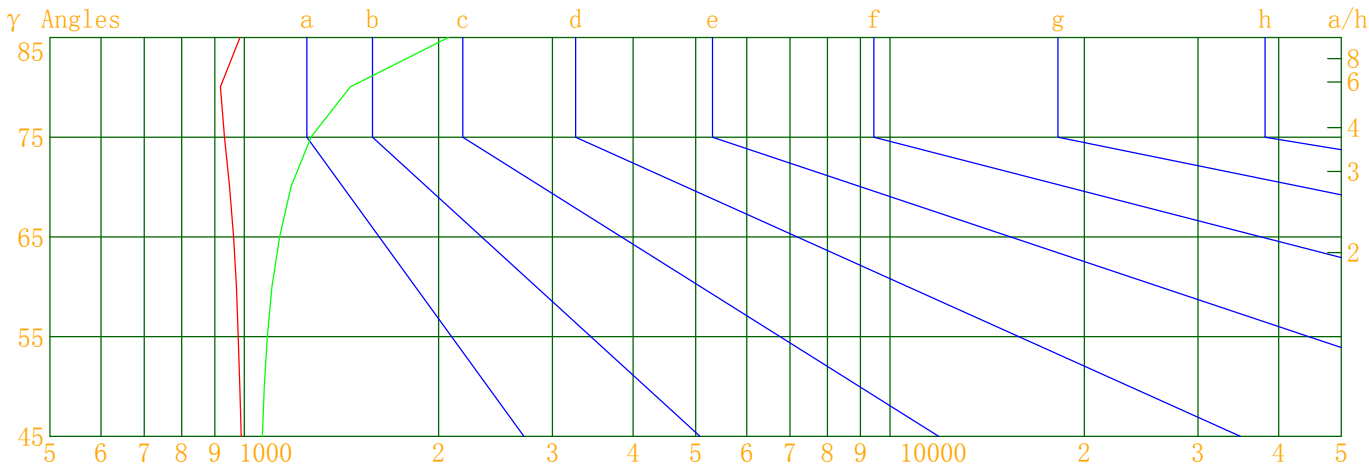
Glare Grade Table

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	989	984	979	972	963	949	932	918	984
C90	1066	1074	1086	1104	1134	1181	1270	1460	2070

Luminance Limiting Curve



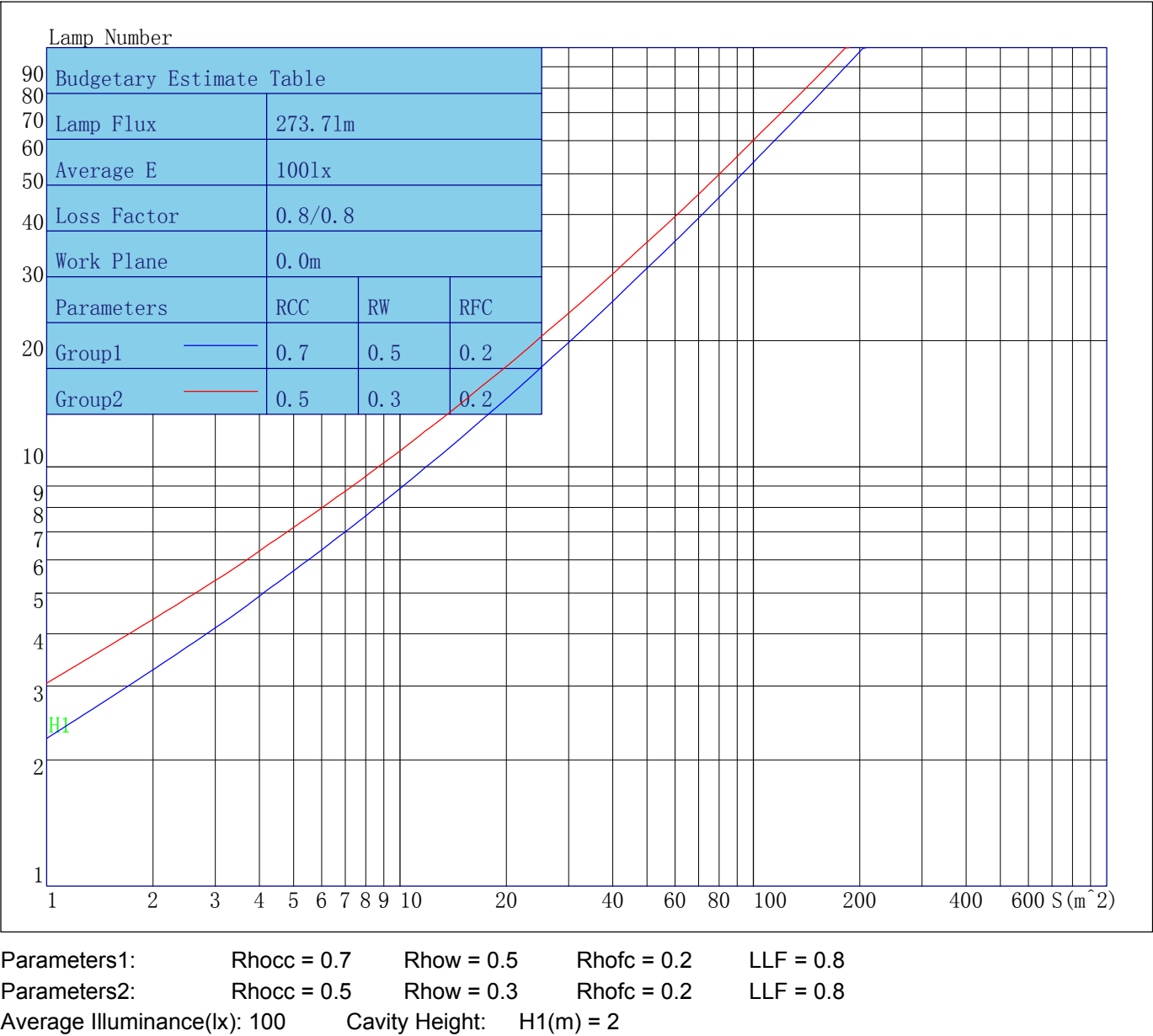
Luminous Size: Length(m)=1.000 Width(m)=0.030 Height(m)=0.060 Area(m^2)=0.090000

Luminous Type: Without Luminous Side

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

Indoor Budgetary Estimate Table

Lum. Name: 测试	Lum. Catelog: 测试	Test ID:
Lamp Name: SE0306F	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/05/10



Indoor Coefficient of Utilization Table

Lum. Name: 测试	Lum. Catelog: 测试	Test ID:
Lamp Name: SE0306F	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/05/10

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	114	114	114	114	108	108	108	103	103	103	97	97	97	95
1	107	102	98	94	104	99	95	92	94	91	88	89	87	84	85	83	81	78
2	97	89	82	76	94	86	80	74	82	77	72	78	73	70	74	70	67	65
3	88	78	69	63	85	76	68	62	72	65	60	69	63	58	65	61	57	54
4	81	69	60	53	78	67	59	52	64	57	51	61	55	50	58	53	49	46
5	74	61	52	46	72	60	51	45	57	50	44	55	48	43	52	47	42	40
6	69	55	46	40	66	54	45	39	52	44	39	49	43	38	47	42	37	35
7	64	50	41	35	62	49	41	35	47	40	34	45	38	34	43	37	33	31
8	59	46	37	31	57	45	37	31	43	36	30	41	35	30	40	34	29	27
9	55	42	34	28	54	41	33	28	39	32	27	38	32	27	37	31	27	25
10	52	39	31	25	50	38	30	25	37	30	25	35	29	24	34	28	24	22

Unified Glare Rating Table

Lum. Name: 测试	Lum. Catalog: 测试	Test ID:
Lamp Name: SE0306F	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/05/10

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	11.7	13.3	12.2	13.7	14.1	11.7	13.2	12.1	13.6	14.1
	13.5	14.9	14.0	15.3	15.8	13.8	15.1	14.2	15.6	16.1
	14.3	15.6	14.8	16.1	16.6	14.8	16.1	15.3	16.6	17.1
	15.0	16.2	15.5	16.6	17.2	15.9	17.1	16.4	17.6	18.1
	15.2	16.4	15.7	16.9	17.4	16.4	17.6	16.9	18.1	18.6
	15.5	16.6	16.0	17.1	17.6	17.0	18.1	17.5	18.6	19.2
X=4H Y=2H	12.4	13.8	12.9	14.2	14.7	12.3	13.6	12.8	14.1	14.6
	14.3	15.4	14.8	15.9	16.5	14.3	15.4	14.8	15.9	16.5
	15.2	16.2	15.7	16.7	17.3	15.4	16.4	15.9	16.9	17.5
	16.0	16.8	16.5	17.4	17.9	16.6	17.5	17.1	18.0	18.6
	16.3	17.1	16.8	17.6	18.2	17.2	18.0	17.8	18.6	19.2
	16.6	17.3	17.1	17.9	18.5	18.0	18.7	18.5	19.3	19.8
X=8H Y=4H	15.5	16.4	16.1	16.9	17.5	15.7	16.5	16.2	17.0	17.6
	16.4	17.1	17.0	17.6	18.3	16.8	17.5	17.4	18.1	18.8
	16.8	17.4	17.3	18.0	18.6	17.5	18.1	18.1	18.7	19.3
	17.1	17.7	17.7	18.2	18.9	18.3	18.9	18.9	19.5	20.1
X=12H Y=4H	15.6	16.4	16.2	16.9	17.5	15.8	16.5	16.3	17.1	17.6
	16.5	17.1	17.1	17.7	18.3	16.9	17.5	17.5	18.1	18.7
	16.9	17.4	17.5	18.0	18.7	17.6	18.1	18.2	18.7	19.4
Variations with the objverver position at spacings										
S=1.0H	0.4/-0.4					0.2/-0.2				
S=1.5H	0.7/-0.7					0.4/-0.4				
S=2.0H	1.0/-1.0					0.9/-0.6				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	3.1					3.7				

Calculation is according to the CIE Pub.117,data has been corrected,refers to the lamp’s lumen

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Candela Tabulation

V/H	C0. 0	C30. 0	C60. 0	C90. 0	C120. 0	C150. 0	C180. 0	C210. 0	C240. 0	C270. 0	C300. 0	C330. 0
γ 0. 0	89. 97	89. 86	90. 04	89. 61	89. 60	89. 62	89. 97	89. 86	90. 04	89. 61	89. 60	89. 62
γ 1. 0	90. 03	89. 89	89. 91	89. 87	89. 31	89. 80	89. 88	89. 80	90. 17	89. 33	89. 85	89. 43
γ 2. 0	90. 05	89. 91	89. 73	90. 10	89. 00	89. 94	89. 76	89. 71	90. 26	88. 96	90. 04	89. 17
γ 3. 0	90. 03	89. 86	89. 51	90. 31	88. 66	90. 06	89. 62	89. 58	90. 29	88. 61	90. 20	88. 89
γ 4. 0	89. 98	89. 79	89. 25	90. 46	88. 27	90. 14	89. 43	89. 41	90. 30	88. 18	90. 35	88. 58
γ 5. 0	89. 89	89. 70	88. 94	90. 57	87. 84	90. 18	89. 20	89. 22	90. 27	87. 72	90. 44	88. 24
γ 6. 0	89. 78	89. 57	88. 62	90. 64	87. 37	90. 20	88. 93	88. 99	90. 21	87. 25	90. 50	87. 86
γ 7. 0	89. 63	89. 40	88. 26	90. 68	86. 88	90. 18	88. 65	88. 73	90. 11	86. 72	90. 53	87. 45
γ 8. 0	89. 46	89. 20	87. 88	90. 70	86. 38	90. 13	88. 35	88. 44	89. 99	86. 18	90. 51	87. 01
γ 9. 0	89. 25	88. 94	87. 44	90. 65	85. 81	90. 03	87. 98	88. 11	89. 81	85. 58	90. 47	86. 53
γ 10. 0	89. 00	88. 69	86. 96	90. 61	85. 23	89. 91	87. 61	87. 77	89. 61	84. 96	90. 37	86. 04
γ 11. 0	88. 70	88. 39	86. 47	90. 50	84. 60	89. 76	87. 19	87. 38	89. 37	84. 33	90. 27	85. 53
γ 12. 0	88. 41	88. 05	85. 93	90. 34	83. 93	89. 57	86. 73	86. 96	89. 09	83. 63	90. 11	84. 95
γ 13. 0	88. 08	87. 69	85. 39	90. 16	83. 23	89. 33	86. 27	86. 52	88. 78	82. 90	89. 93	84. 35
γ 14. 0	87. 72	87. 29	84. 80	89. 95	82. 53	89. 05	85. 76	86. 04	88. 44	82. 16	89. 72	83. 73
γ 15. 0	87. 31	86. 85	84. 17	89. 72	81. 78	88. 77	85. 23	85. 55	88. 06	81. 37	89. 47	83. 06
γ 16. 0	86. 87	86. 41	83. 50	89. 44	81. 01	88. 45	84. 65	85. 01	87. 64	80. 57	89. 17	82. 40
γ 17. 0	86. 43	85. 92	82. 80	89. 11	80. 21	88. 07	84. 06	84. 46	87. 18	79. 75	88. 84	81. 70
γ 18. 0	85. 95	85. 39	82. 09	88. 76	79. 36	87. 67	83. 40	83. 85	86. 72	78. 86	88. 51	80. 96
γ 19. 0	85. 45	84. 82	81. 37	88. 38	78. 51	87. 22	82. 75	83. 21	86. 21	77. 97	88. 11	80. 21
γ 20. 0	84. 91	84. 25	80. 57	87. 95	77. 63	86. 78	82. 07	82. 57	85. 67	77. 05	87. 68	79. 42
γ 21. 0	84. 35	83. 65	79. 77	87. 50	76. 71	86. 28	81. 37	81. 89	85. 08	76. 14	87. 22	78. 62
γ 22. 0	83. 75	82. 99	78. 93	87. 00	75. 79	85. 74	80. 62	81. 18	84. 47	75. 15	86. 73	77. 77
γ 23. 0	83. 13	82. 32	78. 08	86. 48	74. 81	85. 20	79. 86	80. 43	83. 86	74. 15	86. 22	76. 92
γ 24. 0	82. 48	81. 61	77. 21	85. 90	73. 85	84. 61	79. 08	79. 66	83. 17	73. 11	85. 67	76. 01
γ 25. 0	81. 80	80. 88	76. 32	85. 34	72. 84	84. 02	78. 24	78. 89	82. 48	72. 07	85. 10	75. 08
γ 26. 0	81. 10	80. 15	75. 38	84. 72	71. 79	83. 37	77. 41	78. 07	81. 75	71. 00	84. 49	74. 16
γ 27. 0	80. 37	79. 37	74. 41	84. 07	70. 72	82. 70	76. 53	77. 21	81. 00	69. 95	83. 83	73. 19
γ 28. 0	79. 60	78. 55	73. 43	83. 37	69. 64	82. 00	75. 64	76. 34	80. 24	68. 84	83. 17	72. 21
γ 29. 0	78. 83	77. 72	72. 46	82. 66	68. 58	81. 28	74. 74	75. 42	79. 43	67. 70	82. 46	71. 20
γ 30. 0	78. 02	76. 84	71. 44	81. 95	67. 43	80. 54	73. 80	74. 53	78. 57	66. 54	81. 73	70. 16
γ 31. 0	77. 18	75. 98	70. 38	81. 18	66. 28	79. 77	72. 85	73. 59	77. 71	65. 35	80. 98	69. 15
γ 32. 0	76. 31	75. 06	69. 32	80. 37	65. 11	78. 96	71. 86	72. 62	76. 84	64. 21	80. 20	68. 08
γ 33. 0	75. 42	74. 12	68. 23	79. 56	63. 94	78. 14	70. 84	71. 62	75. 91	63. 00	79. 37	66. 97
γ 34. 0	74. 52	73. 18	67. 14	78. 70	62. 77	77. 29	69. 84	70. 61	75. 01	61. 79	78. 54	65. 86
γ 35. 0	73. 57	72. 20	66. 01	77. 86	61. 57	76. 43	68. 81	69. 59	74. 04	60. 57	77. 68	64. 74
γ 36. 0	72. 61	71. 20	64. 88	76. 96	60. 32	75. 52	67. 74	68. 58	73. 03	59. 31	76. 78	63. 60
γ 37. 0	71. 63	70. 18	63. 73	76. 04	59. 07	74. 59	66. 64	67. 51	72. 03	58. 07	75. 86	62. 42
γ 38. 0	70. 60	69. 13	62. 53	75. 08	57. 80	73. 65	65. 52	66. 40	70. 99	56. 81	74. 90	61. 24
γ 39. 0	69. 60	68. 06	61. 36	74. 09	56. 57	72. 66	64. 42	65. 30	69. 97	55. 54	73. 97	60. 04
γ 40. 0	68. 54	66. 96	60. 15	73. 11	55. 28	71. 71	63. 26	64. 16	68. 90	54. 23	72. 99	58. 81
γ 41. 0	67. 45	65. 87	58. 94	72. 12	53. 96	70. 66	62. 09	63. 05	67. 81	52. 92	71. 99	57. 61
γ 42. 0	66. 34	64. 76	57. 69	71. 08	52. 64	69. 63	60. 89	61. 88	66. 67	51. 63	70. 95	56. 33
γ 43. 0	65. 23	63. 60	56. 45	70. 02	51. 31	68. 57	59. 68	60. 71	65. 55	50. 29	69. 90	55. 07
γ 44. 0	64. 13	62. 43	55. 21	68. 95	50. 02	67. 48	58. 48	59. 51	64. 43	48. 96	68. 86	53. 76
γ 45. 0	62. 96	61. 25	53. 92	67. 86	48. 67	66. 35	57. 23	58. 27	63. 27	47. 62	67. 77	52. 48
γ 46. 0	61. 77	60. 06	52. 64	66. 77	47. 34	65. 26	55. 98	57. 06	62. 09	46. 28	66. 64	51. 21

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Candela Tabulation - (Cont.)

V/H	C0. 0	C30. 0	C60. 0	C90. 0	C120. 0	C150. 0	C180. 0	C210. 0	C240. 0	C270. 0	C300. 0	C330. 0
γ 47. 0	60. 58	58. 88	51. 34	65. 62	46. 00	64. 13	54. 72	55. 82	60. 92	44. 96	65. 50	49. 88
γ 48. 0	59. 37	57. 63	50. 01	64. 48	44. 64	62. 97	53. 41	54. 54	59. 70	43. 58	64. 36	48. 54
γ 49. 0	58. 17	56. 38	48. 72	63. 31	43. 28	61. 78	52. 15	53. 26	58. 49	42. 19	63. 24	47. 17
γ 50. 0	56. 93	55. 10	47. 39	62. 12	41. 94	60. 58	50. 83	51. 97	57. 26	40. 81	62. 04	45. 82
γ 51. 0	55. 67	53. 80	46. 08	60. 97	40. 56	59. 41	49. 48	50. 68	56. 01	39. 43	60. 87	44. 46
γ 52. 0	54. 39	52. 56	44. 73	59. 77	39. 17	58. 14	48. 16	49. 35	54. 74	38. 10	59. 66	43. 14
γ 53. 0	53. 11	51. 25	43. 39	58. 53	37. 76	56. 90	46. 83	48. 02	53. 48	36. 71	58. 42	41. 74
γ 54. 0	51. 84	49. 90	42. 06	57. 29	36. 36	55. 63	45. 52	46. 67	52. 22	35. 30	57. 22	40. 33
γ 55. 0	50. 52	48. 56	40. 68	56. 04	34. 98	54. 35	44. 13	45. 33	50. 92	33. 89	55. 97	38. 92
γ 56. 0	49. 17	47. 21	39. 31	54. 82	33. 56	53. 09	42. 74	44. 00	49. 59	32. 49	54. 69	37. 48
γ 57. 0	47. 82	45. 89	37. 92	53. 56	32. 15	51. 78	41. 31	42. 61	48. 26	31. 13	53. 40	36. 10
γ 58. 0	46. 46	44. 53	36. 56	52. 28	30. 76	50. 44	39. 91	41. 19	46. 92	29. 73	52. 12	34. 67
γ 59. 0	45. 12	43. 13	35. 21	50. 99	29. 34	49. 10	38. 49	39. 81	45. 65	28. 33	50. 84	33. 20
γ 60. 0	43. 75	41. 73	33. 81	49. 67	27. 96	47. 77	37. 07	38. 40	44. 29	26. 92	49. 53	31. 75
γ 61. 0	42. 33	40. 32	32. 41	48. 41	26. 56	46. 45	35. 62	37. 01	42. 92	25. 51	48. 21	30. 28
γ 62. 0	40. 90	38. 93	31. 01	47. 09	25. 12	45. 08	34. 16	35. 58	41. 53	24. 15	46. 85	28. 85
γ 63. 0	39. 48	37. 47	29. 59	45. 77	23. 71	43. 71	32. 67	34. 14	40. 14	22. 76	45. 52	27. 39
γ 64. 0	38. 01	36. 04	28. 20	44. 46	22. 30	42. 31	31. 20	32. 69	38. 76	21. 36	44. 22	25. 91
γ 65. 0	36. 61	34. 59	26. 85	43. 14	20. 94	40. 90	29. 78	31. 23	37. 41	19. 98	42. 87	24. 45
γ 66. 0	35. 15	33. 10	25. 44	41. 81	19. 53	39. 53	28. 26	29. 83	36. 00	18. 60	41. 49	22. 94
γ 67. 0	33. 67	31. 68	24. 03	40. 47	18. 14	38. 10	26. 76	28. 33	34. 60	17. 26	40. 12	21. 51
γ 68. 0	32. 18	30. 21	22. 62	39. 10	16. 75	36. 66	25. 24	26. 86	33. 19	15. 94	38. 74	20. 06
γ 69. 0	30. 66	28. 71	21. 21	37. 72	15. 40	35. 24	23. 72	25. 39	31. 78	14. 61	37. 38	18. 60
γ 70. 0	29. 20	27. 23	19. 86	36. 37	14. 12	33. 77	22. 27	23. 92	30. 42	13. 32	36. 00	17. 16
γ 71. 0	27. 70	25. 75	18. 48	35. 05	12. 81	32. 35	20. 76	22. 50	29. 00	12. 08	34. 61	15. 75
γ 72. 0	26. 19	24. 29	17. 08	33. 68	11. 52	30. 90	19. 26	21. 04	27. 58	10. 86	33. 21	14. 35
γ 73. 0	24. 68	22. 82	15. 73	32. 33	10. 27	29. 44	17. 76	19. 58	26. 17	9. 66	31. 82	12. 98
γ 74. 0	23. 17	21. 32	14. 38	30. 96	9. 07	27. 97	16. 29	18. 13	24. 75	8. 50	30. 43	11. 63
γ 75. 0	21. 70	19. 83	13. 11	29. 57	7. 94	26. 49	14. 86	16. 68	23. 39	7. 41	29. 06	10. 32
γ 76. 0	20. 20	18. 39	11. 84	28. 26	6. 87	25. 07	13. 44	15. 32	21. 97	6. 41	27. 65	9. 05
γ 77. 0	18. 70	16. 98	10. 61	26. 90	5. 87	23. 60	12. 04	13. 96	20. 57	5. 52	26. 27	7. 89
γ 78. 0	17. 23	15. 52	9. 43	25. 54	4. 93	22. 13	10. 66	12. 60	19. 17	4. 65	24. 87	6. 73
γ 79. 0	15. 76	14. 11	8. 30	24. 19	4. 11	20. 64	9. 33	11. 28	17. 78	3. 94	23. 47	5. 67
γ 80. 0	14. 35	12. 73	7. 28	22. 82	3. 44	19. 18	8. 09	9. 99	16. 45	3. 33	22. 12	4. 70
γ 81. 0	12. 93	11. 38	6. 32	21. 51	2. 90	17. 75	6. 90	8. 79	15. 11	2. 86	20. 71	3. 85
γ 82. 0	11. 54	10. 12	5. 42	20. 16	2. 49	16. 33	5. 79	7. 64	13. 79	2. 51	19. 34	3. 15
γ 83. 0	10. 20	8. 86	4. 65	18. 83	2. 18	14. 92	4. 76	6. 57	12. 51	2. 25	17. 99	2. 60
γ 84. 0	8. 90	7. 65	4. 02	17. 52	1. 99	13. 54	3. 87	5. 60	11. 26	2. 09	16. 63	2. 18
γ 85. 0	7. 72	6. 54	3. 52	16. 23	1. 88	12. 20	3. 16	4. 71	10. 08	2. 00	15. 36	1. 93
γ 86. 0	6. 58	5. 54	3. 15	15. 01	1. 83	10. 94	2. 59	4. 00	8. 91	1. 95	14. 07	1. 81
γ 87. 0	5. 54	4. 65	2. 91	13. 76	1. 80	9. 69	2. 15	3. 40	7. 83	1. 91	12. 79	1. 76
γ 88. 0	4. 61	3. 88	2. 78	12. 54	1. 77	8. 48	1. 93	2. 97	6. 83	1. 88	11. 56	1. 74
γ 89. 0	3. 82	3. 24	2. 72	11. 38	1. 75	7. 38	1. 89	2. 72	5. 93	1. 84	10. 40	1. 72
γ 90. 0	3. 20	2. 77	2. 68	10. 27	1. 73	6. 37	1. 90	2. 60	5. 12	1. 82	9. 30	1. 70
γ 91. 0	2. 75	2. 47	2. 62	9. 25	1. 71	5. 50	1. 91	2. 57	4. 43	1. 80	8. 26	1. 69
γ 92. 0	2. 44	2. 30	2. 61	8. 25	1. 68	4. 70	1. 90	2. 55	3. 89	1. 78	7. 30	1. 68
γ 93. 0	2. 41	2. 18	2. 59	7. 36	1. 67	4. 05	1. 90	2. 54	3. 47	1. 77	6. 44	1. 67

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Candela Tabulation - (Cont.)

V/H	C0. 0	C30. 0	C60. 0	C90. 0	C120. 0	C150. 0	C180. 0	C210. 0	C240. 0	C270. 0	C300. 0	C330. 0
γ 94. 0	2. 38	2. 10	2. 58	6. 55	1. 66	3. 58	1. 90	2. 54	3. 17	1. 76	5. 68	1. 66
γ 95. 0	2. 36	2. 03	2. 56	5. 84	1. 65	3. 26	1. 82	2. 53	2. 97	1. 74	5. 05	1. 66
γ 96. 0	2. 33	1. 97	2. 56	5. 28	1. 64	3. 07	1. 64	2. 52	2. 82	1. 72	4. 55	1. 66
γ 97. 0	2. 31	1. 92	2. 55	4. 81	1. 64	2. 97	1. 56	2. 52	2. 69	1. 71	4. 17	1. 66
γ 98. 0	2. 31	1. 86	2. 55	4. 45	1. 63	2. 88	1. 52	2. 53	2. 58	1. 69	3. 91	1. 65
γ 99. 0	2. 32	1. 80	2. 54	4. 18	1. 62	2. 85	1. 51	2. 53	2. 50	1. 67	3. 73	1. 65
γ 100. 0	2. 33	1. 75	2. 53	4. 01	1. 63	2. 81	1. 52	2. 54	2. 44	1. 65	3. 61	1. 65
γ 101. 0	2. 34	1. 72	2. 52	3. 87	1. 62	2. 77	1. 51	2. 52	2. 38	1. 65	3. 51	1. 65
γ 102. 0	2. 36	1. 70	2. 53	3. 79	1. 61	2. 72	1. 52	2. 53	2. 32	1. 64	3. 40	1. 65
γ 103. 0	2. 34	1. 68	2. 53	3. 65	1. 61	2. 66	1. 52	2. 52	2. 20	1. 63	3. 33	1. 64
γ 104. 0	2. 36	1. 66	2. 51	3. 58	1. 60	2. 62	1. 51	2. 53	2. 15	1. 63	3. 28	1. 65
γ 105. 0	2. 38	1. 65	2. 52	3. 52	1. 61	2. 59	1. 52	2. 52	2. 08	1. 63	3. 23	1. 63
γ 106. 0	2. 37	1. 64	2. 52	3. 47	1. 60	2. 55	1. 51	2. 52	2. 01	1. 63	3. 17	1. 63
γ 107. 0	2. 38	1. 63	2. 51	3. 40	1. 60	2. 53	1. 51	2. 52	1. 95	1. 62	3. 10	1. 63
γ 108. 0	2. 39	1. 61	2. 51	3. 35	1. 59	2. 53	1. 51	2. 51	1. 89	1. 61	3. 04	1. 63
γ 109. 0	2. 38	1. 61	2. 51	3. 28	1. 59	2. 54	1. 51	2. 52	1. 84	1. 61	2. 97	1. 63
γ 110. 0	2. 39	1. 61	2. 52	3. 22	1. 59	2. 52	1. 51	2. 52	1. 80	1. 61	2. 93	1. 63
γ 111. 0	2. 40	1. 60	2. 51	3. 17	1. 58	2. 51	1. 52	2. 52	1. 77	1. 60	2. 87	1. 63
γ 112. 0	2. 39	1. 60	2. 52	3. 11	1. 58	2. 50	1. 51	2. 52	1. 74	1. 60	2. 82	1. 61
γ 113. 0	2. 39	1. 60	2. 53	3. 06	1. 58	2. 50	1. 51	2. 51	1. 73	1. 60	2. 78	1. 62
γ 114. 0	2. 40	1. 59	2. 52	2. 98	1. 58	2. 49	1. 52	2. 51	1. 71	1. 60	2. 72	1. 60
γ 115. 0	2. 42	1. 59	2. 52	2. 92	1. 58	2. 50	1. 51	2. 50	1. 68	1. 61	2. 70	1. 60
γ 116. 0	2. 40	1. 58	2. 52	2. 87	1. 58	2. 50	1. 51	2. 51	1. 67	1. 60	2. 67	1. 61
γ 117. 0	2. 41	1. 58	2. 52	2. 83	1. 57	2. 50	1. 52	2. 50	1. 66	1. 60	2. 66	1. 61
γ 118. 0	2. 42	1. 58	2. 51	2. 80	1. 58	2. 49	1. 50	2. 49	1. 64	1. 61	2. 64	1. 61
γ 119. 0	2. 42	1. 57	2. 51	2. 77	1. 58	2. 49	1. 51	2. 49	1. 63	1. 61	2. 63	1. 62
γ 120. 0	2. 42	1. 58	2. 50	2. 74	1. 58	2. 49	1. 50	2. 47	1. 62	1. 61	2. 61	1. 61
γ 121. 0	2. 42	1. 57	2. 50	2. 73	1. 58	2. 49	1. 50	2. 47	1. 62	1. 61	2. 60	1. 61
γ 122. 0	2. 42	1. 56	2. 49	2. 70	1. 59	2. 49	1. 51	2. 47	1. 61	1. 61	2. 59	1. 61
γ 123. 0	2. 42	1. 57	2. 49	2. 68	1. 57	2. 49	1. 51	2. 47	1. 61	1. 61	2. 58	1. 60
γ 124. 0	2. 42	1. 58	2. 47	2. 66	1. 58	2. 50	1. 51	2. 46	1. 60	1. 60	2. 57	1. 60
γ 125. 0	2. 41	1. 57	2. 45	2. 65	1. 58	2. 50	1. 51	2. 46	1. 59	1. 61	2. 57	1. 61
γ 126. 0	2. 40	1. 57	2. 44	2. 65	1. 59	2. 48	1. 51	2. 45	1. 57	1. 62	2. 56	1. 60
γ 127. 0	2. 40	1. 58	2. 42	2. 64	1. 58	2. 49	1. 52	2. 45	1. 57	1. 61	2. 56	1. 60
γ 128. 0	2. 41	1. 58	2. 42	2. 62	1. 58	2. 49	1. 51	2. 44	1. 58	1. 62	2. 55	1. 60
γ 129. 0	2. 40	1. 57	2. 41	2. 62	1. 59	2. 49	1. 52	2. 43	1. 57	1. 62	2. 54	1. 60
γ 130. 0	2. 40	1. 58	2. 40	2. 61	1. 60	2. 49	1. 51	2. 41	1. 58	1. 62	2. 54	1. 60
γ 131. 0	2. 39	1. 59	2. 40	2. 59	1. 60	2. 49	1. 52	2. 41	1. 57	1. 64	2. 54	1. 59
γ 132. 0	2. 40	1. 58	2. 40	2. 58	1. 61	2. 48	1. 53	2. 40	1. 57	1. 64	2. 52	1. 60
γ 133. 0	2. 38	1. 59	2. 38	2. 57	1. 61	2. 47	1. 54	2. 39	1. 58	1. 64	2. 53	1. 61
γ 134. 0	2. 38	1. 60	2. 37	2. 56	1. 61	2. 47	1. 54	2. 39	1. 58	1. 64	2. 51	1. 61
γ 135. 0	2. 37	1. 60	2. 37	2. 55	1. 61	2. 46	1. 55	2. 38	1. 59	1. 65	2. 51	1. 60
γ 136. 0	2. 38	1. 60	2. 36	2. 53	1. 62	2. 47	1. 55	2. 39	1. 58	1. 66	2. 49	1. 62
γ 137. 0	2. 37	1. 60	2. 36	2. 53	1. 62	2. 47	1. 57	2. 37	1. 58	1. 66	2. 49	1. 62
γ 138. 0	2. 37	1. 60	2. 35	2. 52	1. 64	2. 45	1. 58	2. 36	1. 58	1. 66	2. 47	1. 62
γ 139. 0	2. 37	1. 60	2. 34	2. 51	1. 64	2. 45	1. 59	2. 35	1. 59	1. 67	2. 48	1. 62
γ 140. 0	2. 36	1. 61	2. 34	2. 51	1. 64	2. 45	1. 59	2. 35	1. 60	1. 68	2. 48	1. 62

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Candela Tabulation - (Cont.)

V/H	C0. 0	C30. 0	C60. 0	C90. 0	C120. 0	C150. 0	C180. 0	C210. 0	C240. 0	C270. 0	C300. 0	C330. 0
γ 141. 0	2. 36	1. 62	2. 33	2. 51	1. 65	2. 44	1. 60	2. 32	1. 60	1. 70	2. 46	1. 63
γ 142. 0	2. 35	1. 60	2. 32	2. 51	1. 67	2. 44	1. 60	2. 33	1. 61	1. 71	2. 46	1. 63
γ 143. 0	2. 34	1. 60	2. 32	2. 50	1. 67	2. 42	1. 62	2. 32	1. 62	1. 70	2. 45	1. 64
γ 144. 0	2. 34	1. 61	2. 31	2. 50	1. 69	2. 43	1. 62	2. 30	1. 62	1. 71	2. 44	1. 65
γ 145. 0	2. 34	1. 61	2. 30	2. 49	1. 69	2. 42	1. 62	2. 29	1. 61	1. 74	2. 43	1. 65
γ 146. 0	2. 33	1. 63	2. 29	2. 48	1. 70	2. 41	1. 63	2. 29	1. 62	1. 74	2. 45	1. 65
γ 147. 0	2. 33	1. 64	2. 29	2. 47	1. 70	2. 40	1. 63	2. 29	1. 62	1. 74	2. 44	1. 67
γ 148. 0	2. 33	1. 63	2. 28	2. 47	1. 72	2. 41	1. 63	2. 29	1. 63	1. 74	2. 44	1. 66
γ 149. 0	2. 32	1. 65	2. 28	2. 45	1. 72	2. 39	1. 65	2. 27	1. 64	1. 77	2. 44	1. 67
γ 150. 0	2. 31	1. 64	2. 27	2. 45	1. 74	2. 39	1. 65	2. 26	1. 64	1. 78	2. 42	1. 67
γ 151. 0	2. 31	1. 66	2. 26	2. 45	1. 75	2. 39	1. 66	2. 26	1. 67	1. 79	2. 41	1. 70
γ 152. 0	2. 30	1. 66	2. 26	2. 44	1. 77	2. 38	1. 66	2. 25	1. 66	1. 80	2. 41	1. 70
γ 153. 0	2. 29	1. 67	2. 25	2. 45	1. 78	2. 38	1. 69	2. 24	1. 68	1. 81	2. 40	1. 70
γ 154. 0	2. 29	1. 69	2. 23	2. 43	1. 79	2. 37	1. 68	2. 22	1. 67	1. 82	2. 39	1. 71
γ 155. 0	2. 27	1. 71	2. 21	2. 43	1. 81	2. 35	1. 70	2. 22	1. 69	1. 83	2. 39	1. 73
γ 156. 0	2. 28	1. 71	2. 20	2. 42	1. 82	2. 35	1. 71	2. 20	1. 70	1. 84	2. 38	1. 73
γ 157. 0	2. 27	1. 71	2. 19	2. 40	1. 84	2. 34	1. 72	2. 20	1. 72	1. 86	2. 37	1. 73
γ 158. 0	2. 26	1. 72	2. 18	2. 40	1. 85	2. 33	1. 73	2. 17	1. 73	1. 87	2. 36	1. 75
γ 159. 0	2. 26	1. 73	2. 18	2. 40	1. 86	2. 32	1. 75	2. 17	1. 73	1. 89	2. 36	1. 77
γ 160. 0	2. 24	1. 75	2. 17	2. 39	1. 87	2. 32	1. 76	2. 17	1. 74	1. 90	2. 35	1. 77
γ 161. 0	2. 24	1. 76	2. 15	2. 37	1. 89	2. 32	1. 76	2. 16	1. 76	1. 91	2. 34	1. 79
γ 162. 0	2. 23	1. 77	2. 16	2. 36	1. 89	2. 31	1. 79	2. 14	1. 76	1. 92	2. 34	1. 81
γ 163. 0	2. 21	1. 77	2. 14	2. 36	1. 91	2. 29	1. 79	2. 14	1. 79	1. 93	2. 33	1. 82
γ 164. 0	2. 22	1. 78	2. 14	2. 35	1. 91	2. 28	1. 81	2. 13	1. 79	1. 96	2. 33	1. 83
γ 165. 0	2. 19	1. 80	2. 13	2. 35	1. 93	2. 26	1. 82	2. 13	1. 79	1. 96	2. 32	1. 86
γ 166. 0	2. 19	1. 82	2. 12	2. 33	1. 96	2. 26	1. 83	2. 11	1. 82	1. 98	2. 30	1. 87
γ 167. 0	2. 18	1. 82	2. 10	2. 32	1. 98	2. 24	1. 86	2. 10	1. 82	1. 99	2. 29	1. 88
γ 168. 0	2. 17	1. 84	2. 10	2. 31	1. 98	2. 23	1. 86	2. 09	1. 84	2. 00	2. 29	1. 89
γ 169. 0	2. 16	1. 85	2. 08	2. 30	2. 00	2. 22	1. 87	2. 09	1. 84	2. 02	2. 29	1. 92
γ 170. 0	2. 14	1. 87	2. 07	2. 31	2. 01	2. 21	1. 88	2. 07	1. 85	2. 04	2. 27	1. 93
γ 171. 0	2. 14	1. 88	2. 07	2. 28	2. 02	2. 20	1. 90	2. 07	1. 88	2. 06	2. 25	1. 94
γ 172. 0	2. 13	1. 88	2. 06	2. 29	2. 04	2. 18	1. 92	2. 06	1. 88	2. 07	2. 25	1. 95
γ 173. 0	2. 12	1. 90	2. 05	2. 27	2. 05	2. 18	1. 93	2. 04	1. 88	2. 09	2. 23	1. 98
γ 174. 0	2. 11	1. 91	2. 04	2. 26	2. 07	2. 16	1. 94	2. 03	1. 89	2. 10	2. 22	1. 99
γ 175. 0	2. 09	1. 93	2. 02	2. 25	2. 09	2. 15	1. 95	2. 03	1. 91	2. 12	2. 22	2. 01
γ 176. 0	2. 08	1. 93	2. 00	2. 24	2. 10	2. 14	1. 97	2. 01	1. 93	2. 14	2. 20	2. 03
γ 177. 0	2. 07	1. 93	2. 01	2. 22	2. 12	2. 12	1. 98	2. 00	1. 94	2. 17	2. 19	2. 04
γ 178. 0	2. 06	1. 96	1. 99	2. 22	2. 14	2. 11	2. 00	2. 00	1. 95	2. 16	2. 18	2. 06
γ 179. 0	2. 05	1. 97	1. 98	2. 21	2. 15	2. 11	2. 02	1. 99	1. 95	2. 18	2. 17	2. 09
γ 180. 0	2. 04	1. 98	1. 97	2. 20	2. 17	2. 09	2. 02	1. 97	1. 95	2. 19	2. 14	2. 09
