

IES Indoor Report

Photometric Filename:OJL103(4 lado) 3W.IES

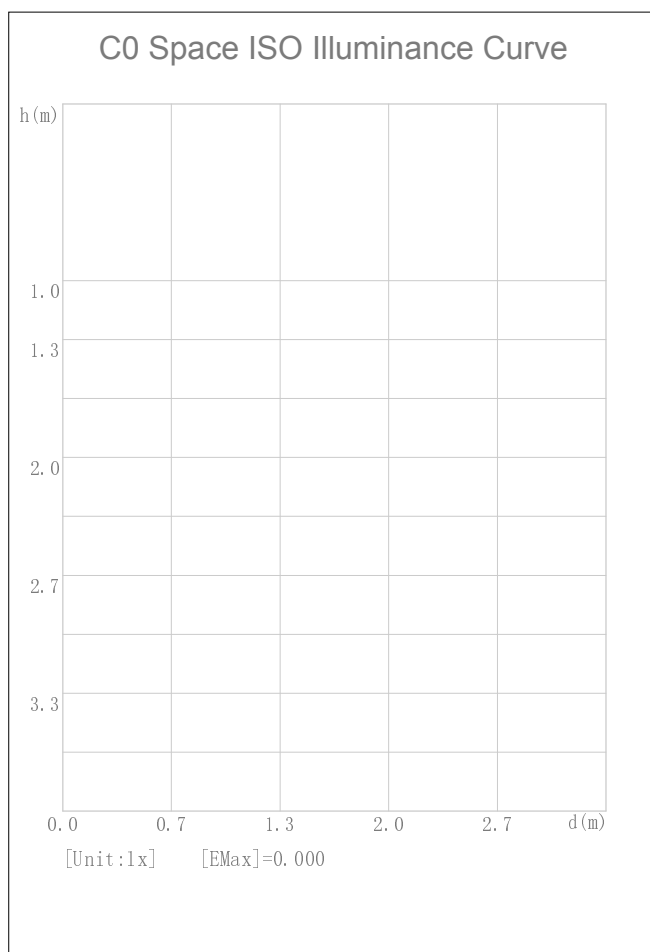
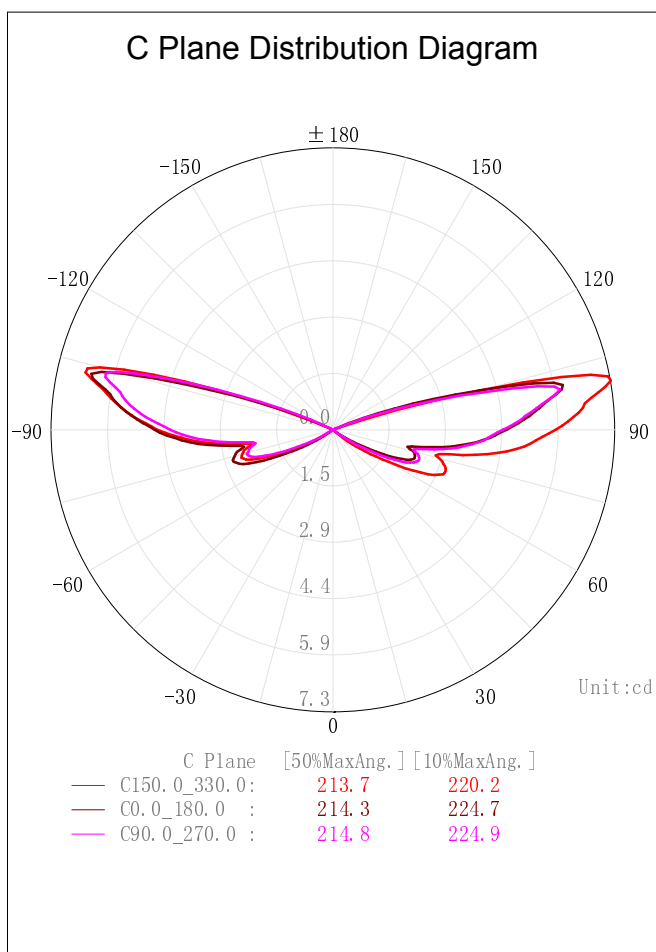
Indoor Luminaire Photometric Data

Description Information

Luminaire Name: 55252		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2023/09/26
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency (Hz):	Lamp CCT(K): 3000 Ra: 80
Lum. Size(W*L*H):0.050m*-0.050m*0.000m		Lum. Area(m2):0.002	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 15.510	Luminaire Flux(lm): 15.512	Field Angle(10%Imax): 220.2(°)	
Rated Power(W): 3	Luminaire Efficiency: 100.02%	Down Lumens&Percent: 6.949lm 44.80%	
Rated Voltage(V): 120	Luminaire EER(lm/W): 5.481	Up Lumens&Percent: 8.563lm 55.20%	
Tested Power(W): 2.830	Max. Candela(cd): 7.313	S/MH: C0_a180=0.035 C90_270=0.035	
Lamps' Inside: 1	Max Cand@Ang. (°): C=150.0 γ=100.0	CIE Type: Semi-Indirect	
Tested Electrics(V, A, pf): 120.5, 0.044, 0.531	Beam Angle(50%Imax): 213.7(°)	ErP Φ use(90°): 0.0001m	
Lamp Size(W*L*H):0.050m*-0.050m*0.000m	Left=-108.4°, Right=105.2°	IRF(%): 3208.615	



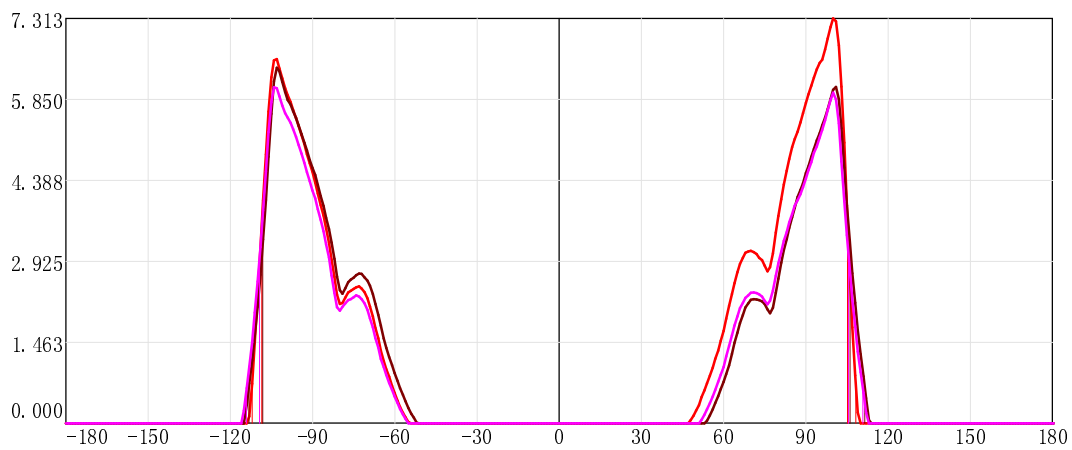
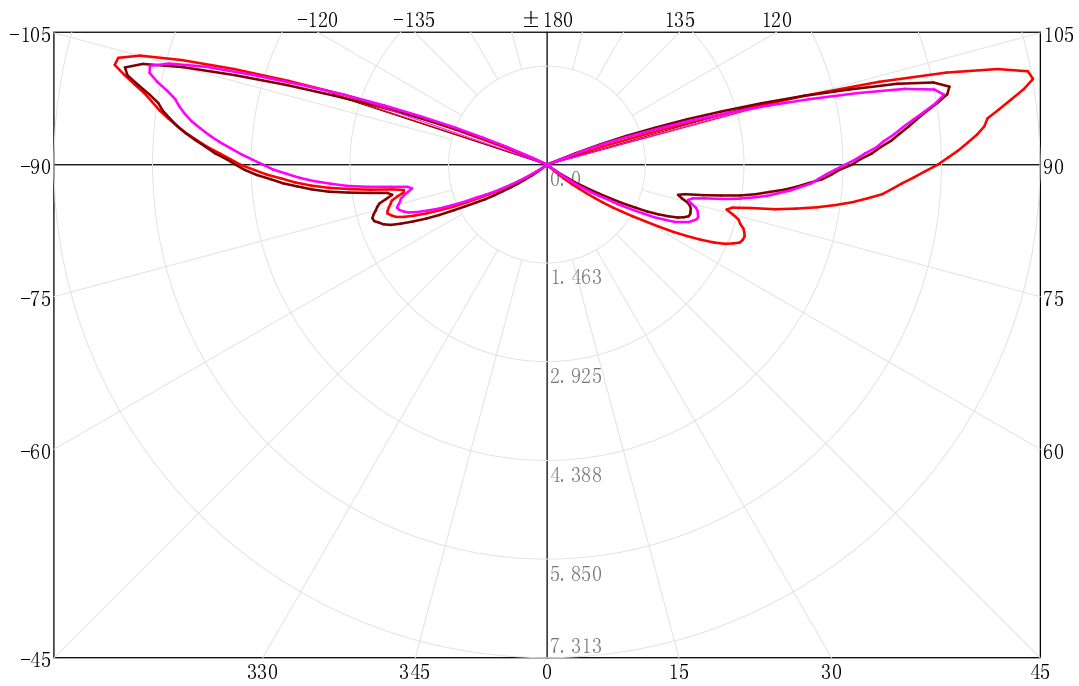
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2D Plane Light Intensity Distribution Curve

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2023/09/26

C Plane Distribution Diagram



	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
—	C150.0_330.0 :	213.7	220.2	
—	C0.0_180.0 :	214.3	224.7	
—	C90.0_270.0 :	214.8	224.9	

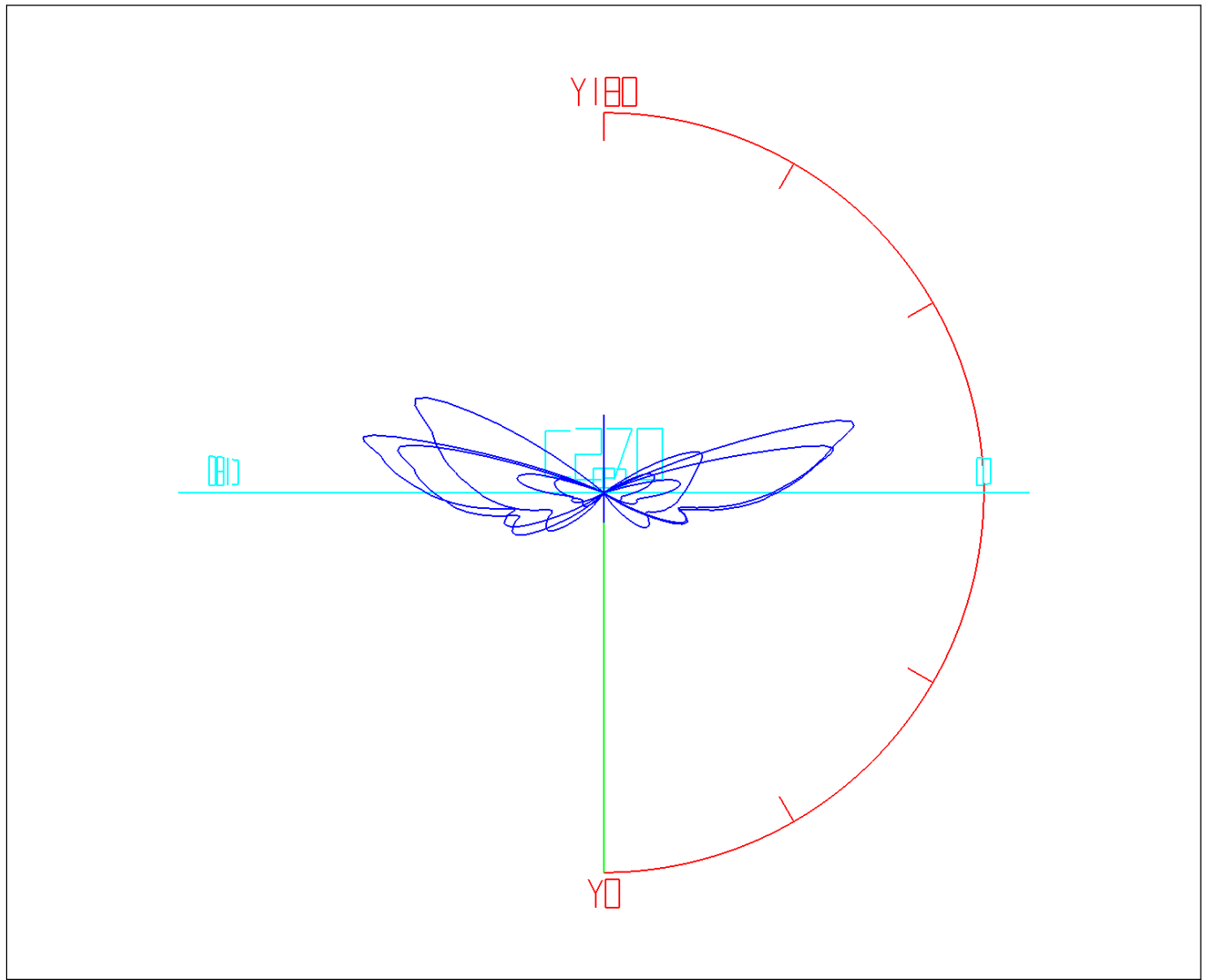
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3D Light Intensity Distribution Modal

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/09/26

3D Light Intensity Distribution Modal



Curves: 3D Model ——— Fixture ——— Vert. HUD ——— Hori. HUD ———
View Angles: Orient:0 Tilt:0 Roll:0 Spin:0

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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	0.00	0.00	0.00	0.00	47.0-48.0	0.00	0.00	0.00	0.00
1.0-2.0	0.00	0.00	0.00	0.00	48.0-49.0	0.00	0.00	0.00	0.01
2.0-3.0	0.00	0.00	0.00	0.00	49.0-50.0	0.00	0.00	0.01	0.01
3.0-4.0	0.00	0.00	0.00	0.00	50.0-51.0	0.00	0.00	0.02	0.03
4.0-5.0	0.00	0.00	0.00	0.00	51.0-52.0	0.00	0.01	0.03	0.06
5.0-6.0	0.00	0.00	0.00	0.00	52.0-53.0	0.01	0.02	0.05	0.11
6.0-7.0	0.00	0.00	0.00	0.00	53.0-54.0	0.01	0.03	0.07	0.18
7.0-8.0	0.00	0.00	0.00	0.00	54.0-55.0	0.02	0.04	0.10	0.29
8.0-9.0	0.00	0.00	0.00	0.00	55.0-56.0	0.02	0.07	0.14	0.43
9.0-10.0	0.00	0.00	0.00	0.00	56.0-57.0	0.03	0.10	0.19	0.63
10.0-11.0	0.00	0.00	0.00	0.00	57.0-58.0	0.04	0.14	0.25	0.87
11.0-12.0	0.00	0.00	0.00	0.00	58.0-59.0	0.05	0.18	0.31	1.18
12.0-13.0	0.00	0.00	0.00	0.00	59.0-60.0	0.06	0.24	0.37	1.55
13.0-14.0	0.00	0.00	0.00	0.00	60.0-61.0	0.07	0.31	0.45	2.00
14.0-15.0	0.00	0.00	0.00	0.00	61.0-62.0	0.08	0.39	0.53	2.54
15.0-16.0	0.00	0.00	0.00	0.00	62.0-63.0	0.10	0.49	0.62	3.16
16.0-17.0	0.00	0.00	0.00	0.00	63.0-64.0	0.11	0.60	0.72	3.87
17.0-18.0	0.00	0.00	0.00	0.00	64.0-65.0	0.13	0.73	0.82	4.69
18.0-19.0	0.00	0.00	0.00	0.00	65.0-66.0	0.14	0.87	0.92	5.61
19.0-20.0	0.00	0.00	0.00	0.00	66.0-67.0	0.16	1.03	1.01	6.62
20.0-21.0	0.00	0.00	0.00	0.00	67.0-68.0	0.17	1.20	1.10	7.72
21.0-22.0	0.00	0.00	0.00	0.00	68.0-69.0	0.18	1.38	1.18	8.91
22.0-23.0	0.00	0.00	0.00	0.00	69.0-70.0	0.19	1.58	1.25	10.16
23.0-24.0	0.00	0.00	0.00	0.00	70.0-71.0	0.20	1.78	1.30	11.46
24.0-25.0	0.00	0.00	0.00	0.00	71.0-72.0	0.21	1.98	1.34	12.80
25.0-26.0	0.00	0.00	0.00	0.00	72.0-73.0	0.21	2.20	1.36	14.16
26.0-27.0	0.00	0.00	0.00	0.00	73.0-74.0	0.21	2.41	1.37	15.52
27.0-28.0	0.00	0.00	0.00	0.00	74.0-75.0	0.21	2.62	1.36	16.89
28.0-29.0	0.00	0.00	0.00	0.00	75.0-76.0	0.21	2.83	1.35	18.23
29.0-30.0	0.00	0.00	0.00	0.00	76.0-77.0	0.21	3.04	1.34	19.57
30.0-31.0	0.00	0.00	0.00	0.00	77.0-78.0	0.21	3.25	1.35	20.92
31.0-32.0	0.00	0.00	0.00	0.00	78.0-79.0	0.22	3.46	1.39	22.32
32.0-33.0	0.00	0.00	0.00	0.00	79.0-80.0	0.22	3.69	1.45	23.77
33.0-34.0	0.00	0.00	0.00	0.00	80.0-81.0	0.24	3.92	1.53	25.30
34.0-35.0	0.00	0.00	0.00	0.00	81.0-82.0	0.26	4.18	1.65	26.95
35.0-36.0	0.00	0.00	0.00	0.00	82.0-83.0	0.28	4.46	1.79	28.74
36.0-37.0	0.00	0.00	0.00	0.00	83.0-84.0	0.30	4.76	1.93	30.67
37.0-38.0	0.00	0.00	0.00	0.00	84.0-85.0	0.32	5.08	2.06	32.73
38.0-39.0	0.00	0.00	0.00	0.00	85.0-86.0	0.34	5.42	2.19	34.92
39.0-40.0	0.00	0.00	0.00	0.00	86.0-87.0	0.36	5.77	2.30	37.22
40.0-41.0	0.00	0.00	0.00	0.00	87.0-88.0	0.37	6.15	2.42	39.64
41.0-42.0	0.00	0.00	0.00	0.00	88.0-89.0	0.39	6.54	2.53	42.16
42.0-43.0	0.00	0.00	0.00	0.00	89.0-90.0	0.41	6.95	2.64	44.80
43.0-44.0	0.00	0.00	0.00	0.00	90.0-91.0	0.43	7.38	2.75	47.55
44.0-45.0	0.00	0.00	0.00	0.00	91.0-92.0	0.44	7.82	2.85	50.40
45.0-46.0	0.00	0.00	0.00	0.00	92.0-93.0	0.46	8.28	2.96	53.36
46.0-47.0	0.00	0.00	0.00	0.00	93.0-94.0	0.47	8.75	3.05	56.42

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Zonal Flux Tabulation - (Cont.)

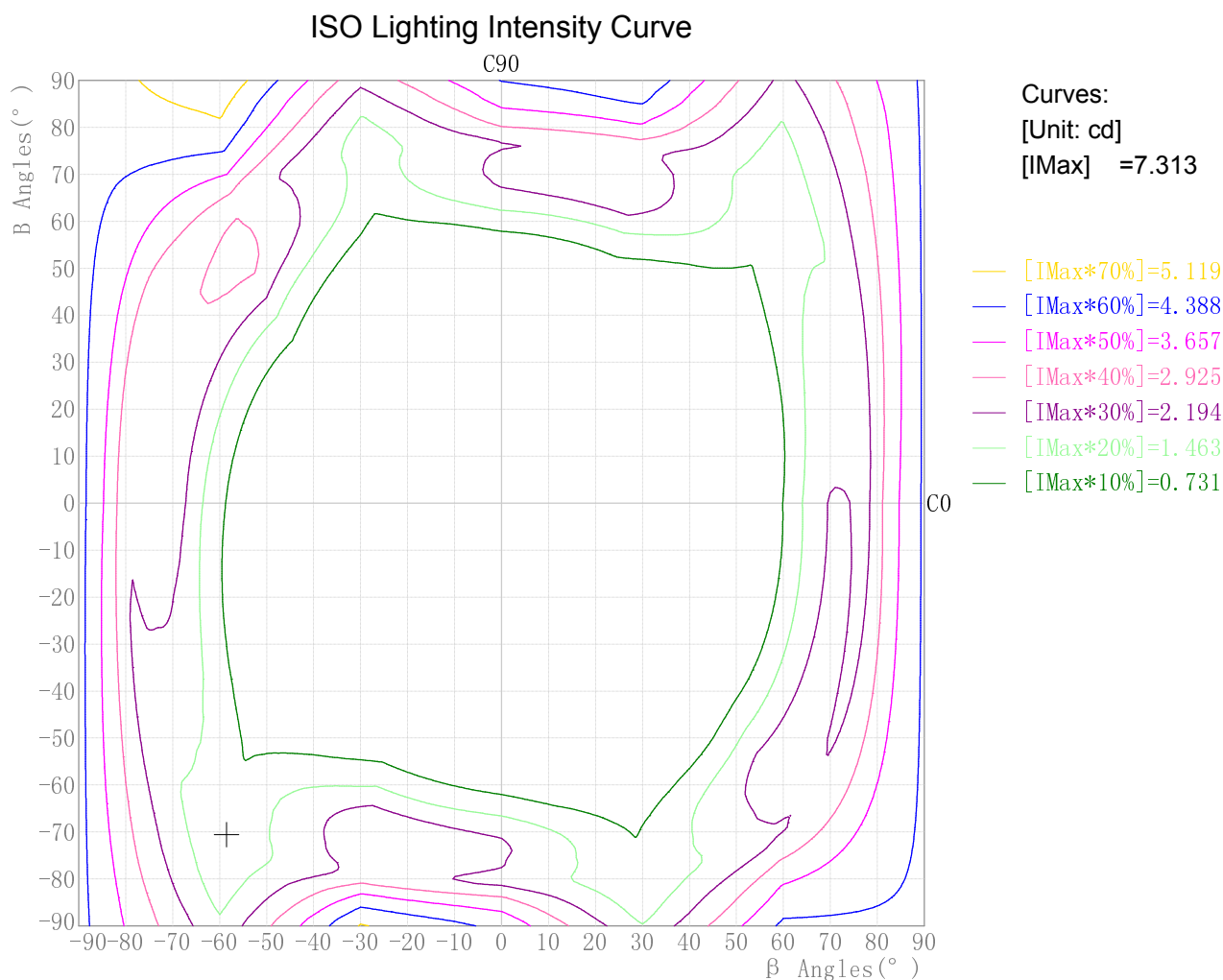
Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.49	9.24	3.14	59.56	141.0-142.0	0.00	15.51	0.00	100.02
95.0-96.0	0.50	9.74	3.22	62.78	142.0-143.0	0.00	15.51	0.00	100.02
96.0-97.0	0.51	10.25	3.29	66.07	143.0-144.0	0.00	15.51	0.00	100.02
97.0-98.0	0.52	10.77	3.35	69.41	144.0-145.0	0.00	15.51	0.00	100.02
98.0-99.0	0.53	11.29	3.39	72.81	145.0-146.0	0.00	15.51	0.00	100.02
99.0-100.0	0.53	11.82	3.42	76.23	146.0-147.0	0.00	15.51	0.00	100.02
100.0-101.0	0.53	12.35	3.41	79.63	147.0-148.0	0.00	15.51	0.00	100.02
101.0-102.0	0.52	12.87	3.32	82.96	148.0-149.0	0.00	15.51	0.00	100.02
102.0-103.0	0.49	13.36	3.16	86.12	149.0-150.0	0.00	15.51	0.00	100.02
103.0-104.0	0.45	13.81	2.90	89.02	150.0-151.0	0.00	15.51	0.00	100.02
104.0-105.0	0.40	14.21	2.57	91.59	151.0-152.0	0.00	15.51	0.00	100.02
105.0-106.0	0.34	14.55	2.20	93.78	152.0-153.0	0.00	15.51	0.00	100.02
106.0-107.0	0.28	14.82	1.79	95.57	153.0-154.0	0.00	15.51	0.00	100.02
107.0-108.0	0.22	15.04	1.41	96.98	154.0-155.0	0.00	15.51	0.00	100.02
108.0-109.0	0.17	15.21	1.07	98.05	155.0-156.0	0.00	15.51	0.00	100.02
109.0-110.0	0.12	15.33	0.78	98.83	156.0-157.0	0.00	15.51	0.00	100.02
110.0-111.0	0.08	15.41	0.55	99.38	157.0-158.0	0.00	15.51	0.00	100.02
111.0-112.0	0.05	15.47	0.34	99.72	158.0-159.0	0.00	15.51	0.00	100.02
112.0-113.0	0.03	15.49	0.18	99.90	159.0-160.0	0.00	15.51	0.00	100.02
113.0-114.0	0.01	15.51	0.08	99.98	160.0-161.0	0.00	15.51	0.00	100.02
114.0-115.0	0.00	15.51	0.03	100.01	161.0-162.0	0.00	15.51	0.00	100.02
115.0-116.0	0.00	15.51	0.01	100.02	162.0-163.0	0.00	15.51	0.00	100.02
116.0-117.0	0.00	15.51	0.00	100.02	163.0-164.0	0.00	15.51	0.00	100.02
117.0-118.0	0.00	15.51	0.00	100.02	164.0-165.0	0.00	15.51	0.00	100.02
118.0-119.0	0.00	15.51	0.00	100.02	165.0-166.0	0.00	15.51	0.00	100.02
119.0-120.0	0.00	15.51	0.00	100.02	166.0-167.0	0.00	15.51	0.00	100.02
120.0-121.0	0.00	15.51	0.00	100.02	167.0-168.0	0.00	15.51	0.00	100.02
121.0-122.0	0.00	15.51	0.00	100.02	168.0-169.0	0.00	15.51	0.00	100.02
122.0-123.0	0.00	15.51	0.00	100.02	169.0-170.0	0.00	15.51	0.00	100.02
123.0-124.0	0.00	15.51	0.00	100.02	170.0-171.0	0.00	15.51	0.00	100.02
124.0-125.0	0.00	15.51	0.00	100.02	171.0-172.0	0.00	15.51	0.00	100.02
125.0-126.0	0.00	15.51	0.00	100.02	172.0-173.0	0.00	15.51	0.00	100.02
126.0-127.0	0.00	15.51	0.00	100.02	173.0-174.0	0.00	15.51	0.00	100.02
127.0-128.0	0.00	15.51	0.00	100.02	174.0-175.0	0.00	15.51	0.00	100.02
128.0-129.0	0.00	15.51	0.00	100.02	175.0-176.0	0.00	15.51	0.00	100.02
129.0-130.0	0.00	15.51	0.00	100.02	176.0-177.0	0.00	15.51	0.00	100.02
130.0-131.0	0.00	15.51	0.00	100.02	177.0-178.0	0.00	15.51	0.00	100.02
131.0-132.0	0.00	15.51	0.00	100.02	178.0-179.0	0.00	15.51	0.00	100.02
132.0-133.0	0.00	15.51	0.00	100.02	179.0-180.0	0.00	15.51	0.00	100.02
133.0-134.0	0.00	15.51	0.00	100.02					
134.0-135.0	0.00	15.51	0.00	100.02					
135.0-136.0	0.00	15.51	0.00	100.02					
136.0-137.0	0.00	15.51	0.00	100.02					
137.0-138.0	0.00	15.51	0.00	100.02					
138.0-139.0	0.00	15.51	0.00	100.02					
139.0-140.0	0.00	15.51	0.00	100.02					
140.0-141.0	0.00	15.51	0.00	100.02					

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Rectangle ISO Lighting Intensity Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/09/26



Maximum Light Intensity(cd): 7.31

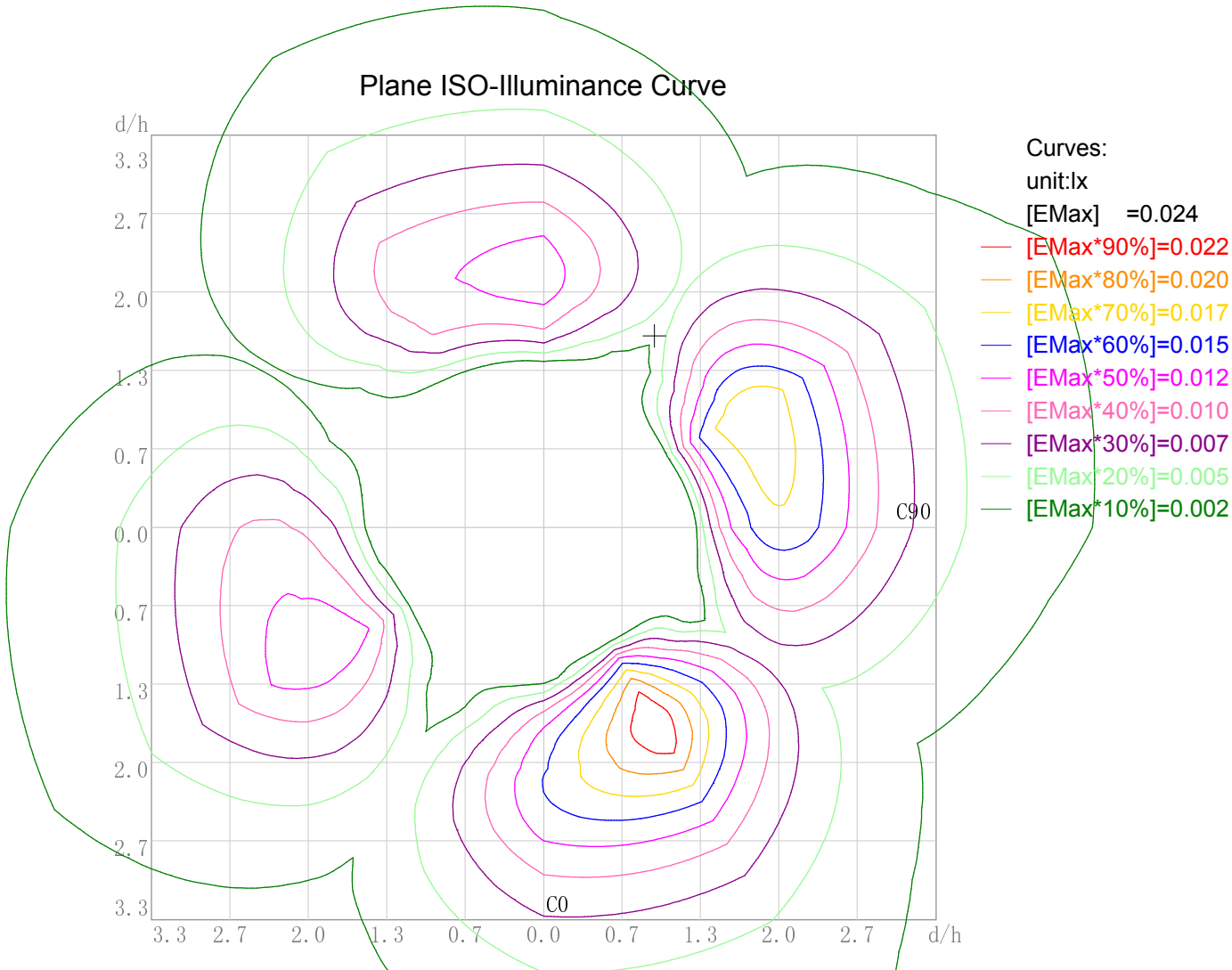
Maximum Cand.@Angle: H=-58.5°,V=-70.6°

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Plane ISO-Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/09/26



Working Plane Luminaire Mounting Height(m): 3.00
 Working Plane Maximum Illuminance(lx): 0.02
 Working Plane Maximum Illuminance Position(d/h):H0.9 V-1.6

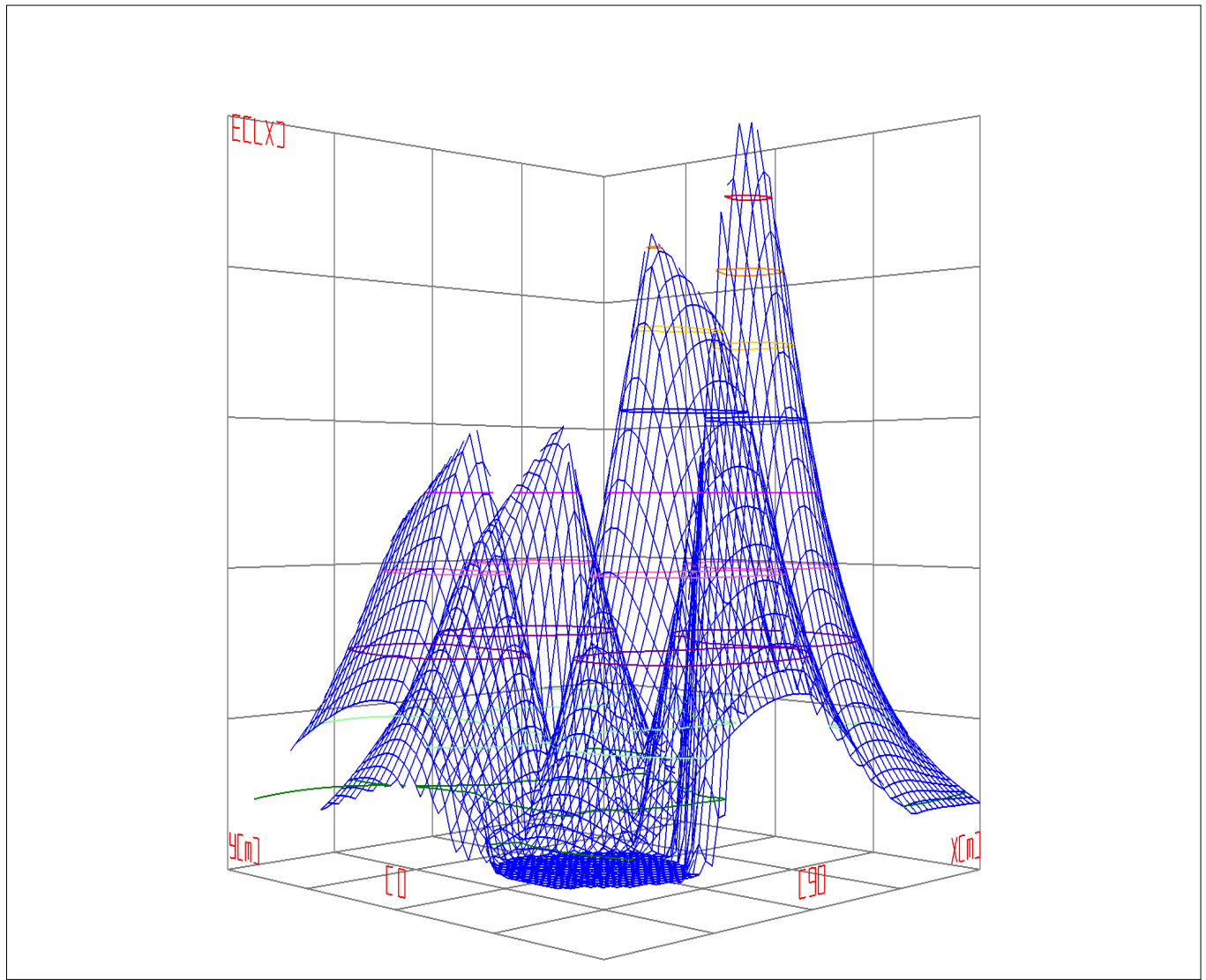
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3D Plane ISO Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/09/26

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

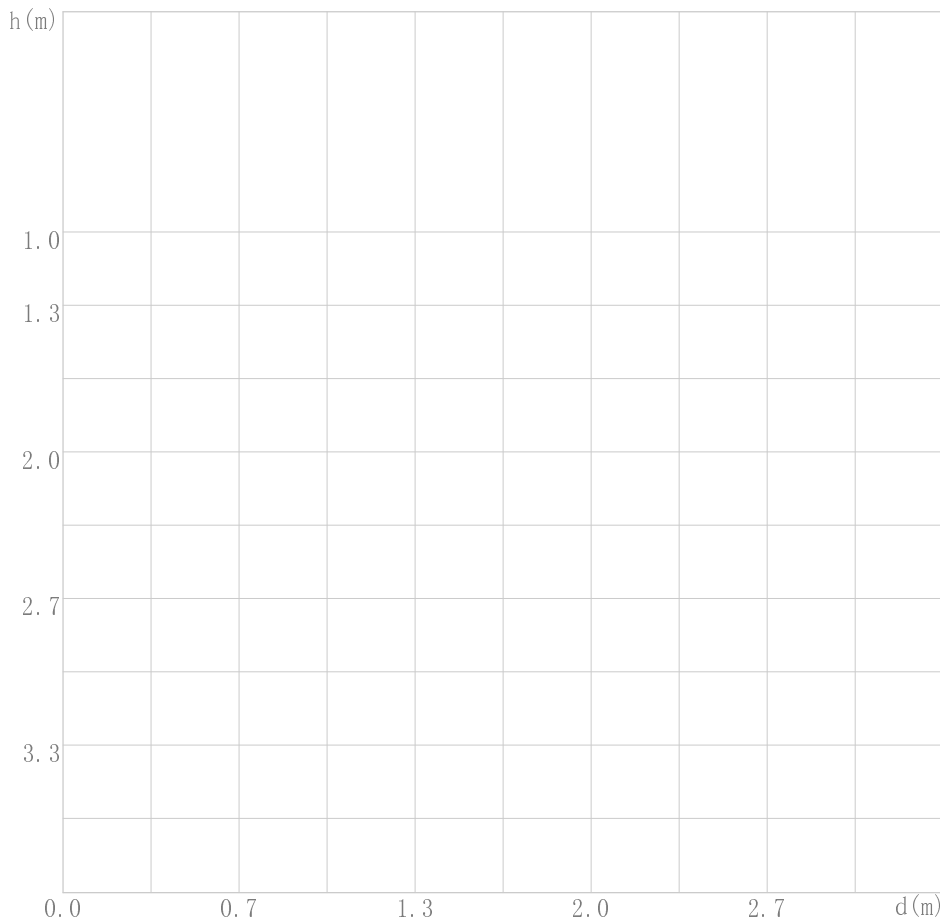
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Space ISO Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/09/26

Space ISO Illuminance Curve



Curves:
[Unit: lx]
[EMax] =0.000

Space Plane Maximum Illuminance and @Angle:0.00lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:0.000cd,0deg

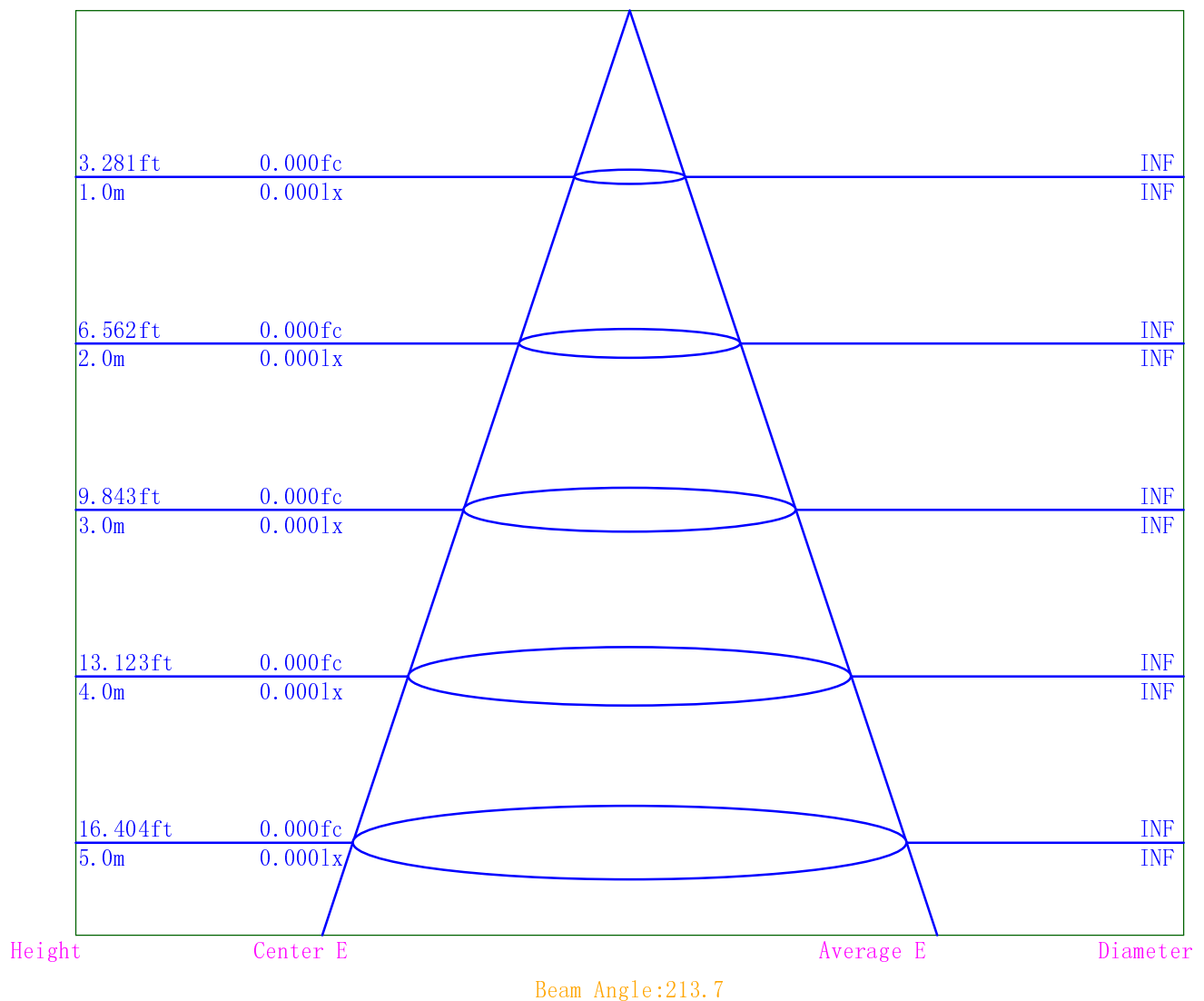
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Illuminance-Distance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2023/09/26

Illuminance-Distance Curve



Indoor Luminance Limiting Curves

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2023/09/26

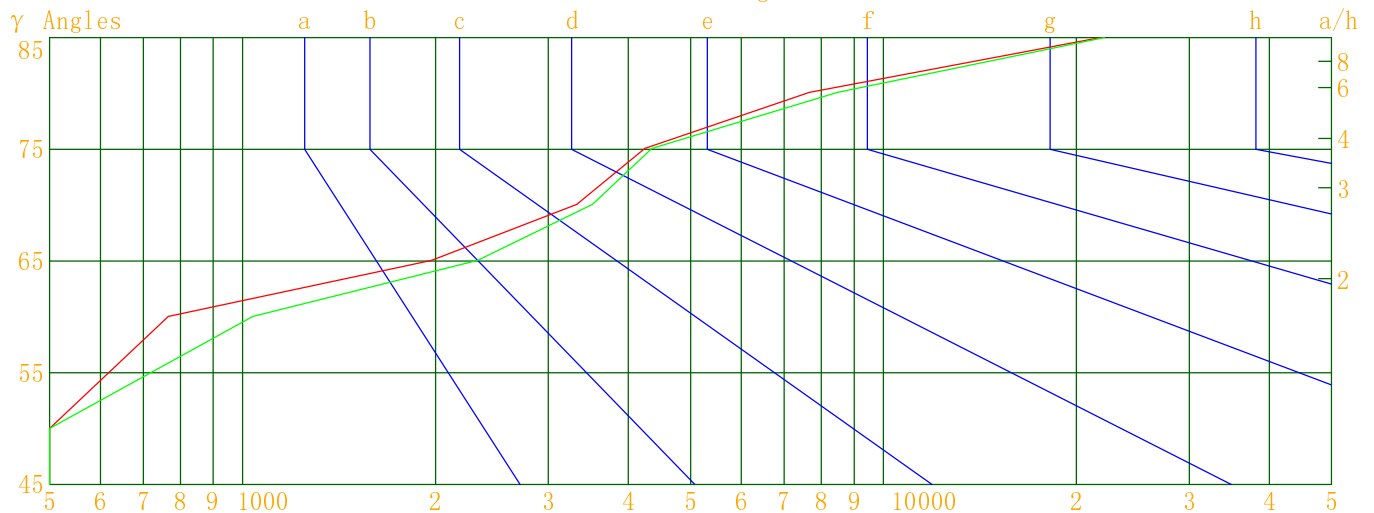
Glare Grade Table

GI	Quality	Using Illuminance							
		a	b	c	d	e	f	g	h
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	0	0	131	766	1972	3321	4244	7664	21767
C90	0	0	326	1038	2327	3516	4355	8482	22088

Luminance Limiting Curve



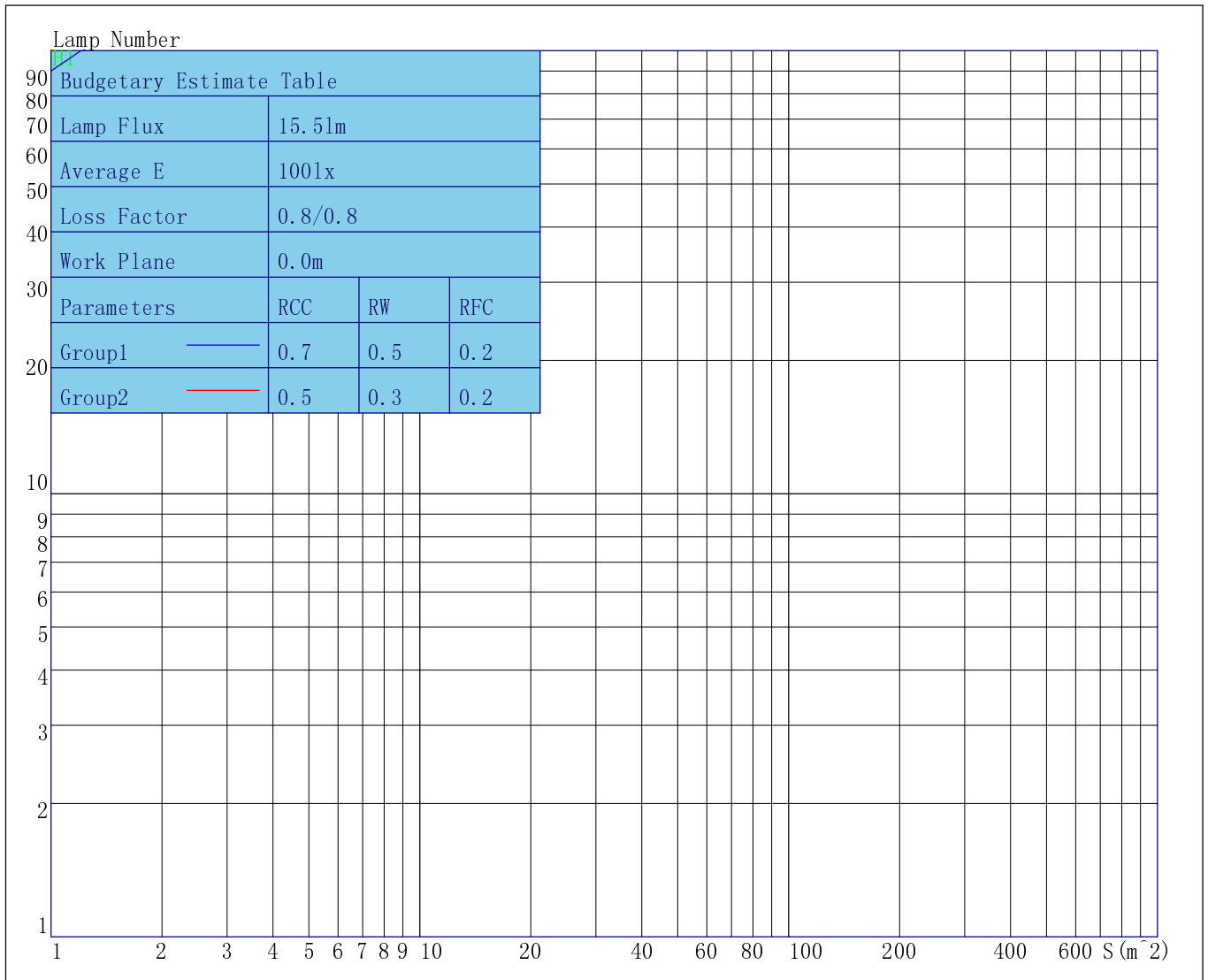
Luminous Size: Length(m)=-0.050 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

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Indoor Budgetary Estimate Table

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/09/26



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

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Indoor Coefficient of Utilization Table

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/09/26

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	50	30	10	0
RCR	Coefficient of Utilization(%)																				
0	106	106	106	106	97	97	97	97	80	80	80	65	65	65	51	51	51	45			
1	87	78	71	64	78	70	64	57	56	50	45	42	38	34	30	27	24	17			
2	76	64	54	46	68	57	48	41	44	38	32	33	27	23	22	18	14	9			
3	68	54	44	35	60	48	39	31	37	30	24	27	21	16	17	13	9	4			
4	61	47	36	28	54	42	32	25	32	25	19	23	17	13	15	10	7	2			
5	56	41	31	23	50	37	27	21	28	21	15	20	15	10	13	9	5	1			
6	51	37	27	20	46	33	24	17	25	18	13	18	13	8	12	7	4	1			
7	47	33	23	17	42	29	21	15	23	16	11	17	11	7	11	7	3	0			
8	44	30	21	14	39	27	18	13	21	14	9	15	10	6	10	6	3	0			
9	41	27	18	13	36	24	16	11	19	13	8	14	9	5	9	5	3	0			
10	38	25	17	11	34	22	15	10	17	11	7	13	8	5	9	5	2	0			

IES Indoor Report

Photometric Filename:OJL103(4 lado) 3W.IES

Unified Glare Rating Table

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/09/26

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	3.6	4.7	4.6	5.7	7.0	6.9	7.9	7.8	8.9	10.2
Y=3H	13.3	14.3	14.3	15.3	16.6	14.4	15.4	15.4	16.4	17.8
Y=4H	16.3	17.2	17.2	18.2	19.6	16.9	17.9	17.9	18.9	20.3
Y=6H	19.1	20.0	20.1	21.1	22.4	19.9	20.8	20.9	21.8	23.2
Y=8H	21.3	22.2	22.3	23.2	24.6	22.0	22.9	23.0	23.9	25.3
Y=12H	23.9	24.7	24.8	25.7	27.1	24.3	25.2	25.3	26.2	27.6
X=4H Y=2H	6.9	7.8	7.9	8.9	10.2	9.6	10.5	10.5	11.5	12.9
Y=3H	14.7	15.6	15.7	16.6	18.0	15.9	16.8	16.9	17.8	19.2
Y=4H	17.7	18.5	18.6	19.5	20.9	18.4	19.2	19.4	20.3	21.6
Y=6H	20.6	21.4	21.6	22.4	23.8	21.5	22.3	22.5	23.3	24.7
Y=8H	22.9	23.6	23.9	24.6	26.0	23.7	24.4	24.7	25.4	26.8
Y=12H	25.5	26.2	26.6	27.3	28.7	26.1	26.8	27.1	27.8	29.2
X=8H Y=4H	18.5	19.2	19.5	20.3	21.7	19.3	20.0	20.3	21.0	22.4
Y=6H	21.6	22.2	22.6	23.3	24.8	22.7	23.3	23.7	24.4	25.9
Y=8H	24.0	24.6	25.0	25.6	27.0	25.0	25.6	26.0	26.6	28.0
Y=12H	26.9	27.4	27.9	28.5	29.9	27.6	28.2	28.6	29.2	30.6
X=12H Y=4H	18.9	19.6	19.9	20.6	22.0	19.7	20.4	20.7	21.5	22.9
Y=6H	22.0	22.6	23.1	23.7	25.1	23.2	23.8	24.2	24.8	26.2
Y=8H	24.5	25.0	25.5	26.1	27.5	25.5	26.1	26.6	27.1	28.6
Variations with the objerver position at spacings										
S=1.0H	0.3/-0.3					0.4/-0.4				
S=1.5H	0.4/-0.5					0.4/-0.5				
S=2.0H	0.6/-0.8					0.6/-0.7				
Reduced UGR Table:										
Nordic Standard Table:	BKO					BKO				
Correction Value	12.4					11.2				

o the CIE Pub.117, data has been corrected, refers to the lamp's lumens 8.2flm.

IES Indoor Report

Photometric Filename:OJL103(4 lado) 3W.IES

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 48.0	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
γ 49.0	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00
γ 50.0	0.00	0.00	0.05	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
γ 51.0	0.00	0.00	0.13	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00
γ 52.0	0.00	0.00	0.22	0.06	0.00	0.47	0.01	0.00	0.02	0.00	0.00	0.00
γ 53.0	0.00	0.00	0.32	0.15	0.00	0.60	0.10	0.00	0.11	0.00	0.00	0.00
γ 54.0	0.05	0.00	0.44	0.26	0.00	0.72	0.18	0.00	0.19	0.00	0.00	0.00
γ 55.0	0.15	0.00	0.56	0.37	0.00	0.86	0.28	0.00	0.29	0.00	0.00	0.02
γ 56.0	0.25	0.00	0.69	0.49	0.03	1.01	0.40	0.00	0.39	0.08	0.00	0.11
γ 57.0	0.37	0.00	0.83	0.61	0.09	1.17	0.51	0.00	0.49	0.16	0.00	0.19
γ 58.0	0.49	0.00	0.96	0.75	0.17	1.32	0.64	0.00	0.63	0.26	0.00	0.29
γ 59.0	0.62	0.08	1.11	0.88	0.24	1.49	0.77	0.00	0.75	0.37	0.00	0.41
γ 60.0	0.75	0.13	1.27	1.02	0.32	1.67	0.91	0.03	0.89	0.49	0.00	0.55
γ 61.0	0.89	0.20	1.43	1.21	0.40	1.89	1.05	0.08	1.03	0.61	0.00	0.68
γ 62.0	1.05	0.27	1.67	1.40	0.49	2.12	1.19	0.15	1.18	0.73	0.00	0.84
γ 63.0	1.25	0.36	1.86	1.59	0.55	2.33	1.36	0.22	1.34	0.88	0.00	0.98
γ 64.0	1.46	0.42	2.07	1.77	0.64	2.53	1.53	0.28	1.52	1.02	0.08	1.13
γ 65.0	1.64	0.51	2.26	1.93	0.73	2.73	1.76	0.34	1.70	1.16	0.14	1.31
γ 66.0	1.81	0.59	2.42	2.08	0.82	2.88	1.96	0.40	1.92	1.37	0.21	1.54
γ 67.0	1.95	0.67	2.56	2.17	0.90	2.99	2.15	0.48	2.12	1.54	0.28	1.73
γ 68.0	2.09	0.74	2.65	2.27	0.98	3.08	2.34	0.55	2.30	1.73	0.36	1.93
γ 69.0	2.17	0.80	2.70	2.31	1.04	3.11	2.49	0.63	2.49	1.89	0.43	2.11
γ 70.0	2.23	0.87	2.75	2.36	1.09	3.11	2.58	0.69	2.63	2.06	0.50	2.26
γ 71.0	2.24	0.92	2.74	2.37	1.13	3.09	2.64	0.75	2.73	2.17	0.58	2.37
γ 72.0	2.24	0.98	2.71	2.35	1.16	3.06	2.70	0.83	2.79	2.24	0.65	2.43
γ 73.0	2.23	1.00	2.68	2.33	1.18	2.99	2.71	0.86	2.81	2.29	0.70	2.47
γ 74.0	2.20	1.02	2.64	2.29	1.20	2.95	2.67	0.92	2.80	2.31	0.75	2.46
γ 75.0	2.16	1.04	2.54	2.21	1.21	2.85	2.63	0.92	2.77	2.28	0.79	2.43
γ 76.0	2.06	1.05	2.44	2.15	1.20	2.74	2.60	0.95	2.72	2.24	0.81	2.39
γ 77.0	1.99	1.05	2.45	2.21	1.18	2.82	2.55	0.95	2.68	2.23	0.85	2.36
γ 78.0	2.09	1.03	2.63	2.40	1.16	3.07	2.44	0.96	2.61	2.17	0.88	2.27
γ 79.0	2.36	1.02	2.92	2.66	1.14	3.44	2.34	0.96	2.48	2.10	0.88	2.17
γ 80.0	2.61	1.04	3.21	2.89	1.17	3.75	2.40	0.95	2.45	2.03	0.89	2.16
γ 81.0	2.90	1.07	3.44	3.10	1.23	4.05	2.66	0.92	2.57	2.10	0.88	2.33
γ 82.0	3.13	1.13	3.69	3.30	1.31	4.31	2.97	0.88	2.89	2.35	0.87	2.64
γ 83.0	3.32	1.20	3.85	3.45	1.41	4.56	3.26	0.90	3.27	2.67	0.88	2.96
γ 84.0	3.54	1.28	4.07	3.63	1.53	4.78	3.51	0.95	3.65	2.99	0.91	3.26
γ 85.0	3.72	1.39	4.25	3.78	1.66	4.99	3.71	1.02	3.94	3.23	0.98	3.52
γ 86.0	3.89	1.48	4.46	3.93	1.80	5.13	3.92	1.11	4.25	3.47	1.06	3.75
γ 87.0	4.09	1.61	4.58	4.03	1.94	5.27	4.11	1.22	4.51	3.67	1.15	3.94
γ 88.0	4.22	1.73	4.68	4.14	2.08	5.43	4.31	1.34	4.75	3.87	1.24	4.15
γ 89.0	4.33	1.86	4.84	4.27	2.24	5.60	4.49	1.49	5.01	4.06	1.36	4.35
γ 90.0	4.52	1.97	4.97	4.42	2.39	5.79	4.62	1.63	5.17	4.21	1.51	4.55
γ 91.0	4.64	2.09	5.13	4.57	2.53	5.94	4.75	1.78	5.38	4.37	1.65	4.69
γ 92.0	4.82	2.20	5.27	4.72	2.64	6.10	4.93	1.92	5.56	4.54	1.80	4.86
γ 93.0	4.95	2.29	5.42	4.88	2.74	6.24	5.07	2.05	5.78	4.71	1.95	5.05

