

# IES Indoor Report

Photometric Filename:OJL106 (WIDE) 9W.IES

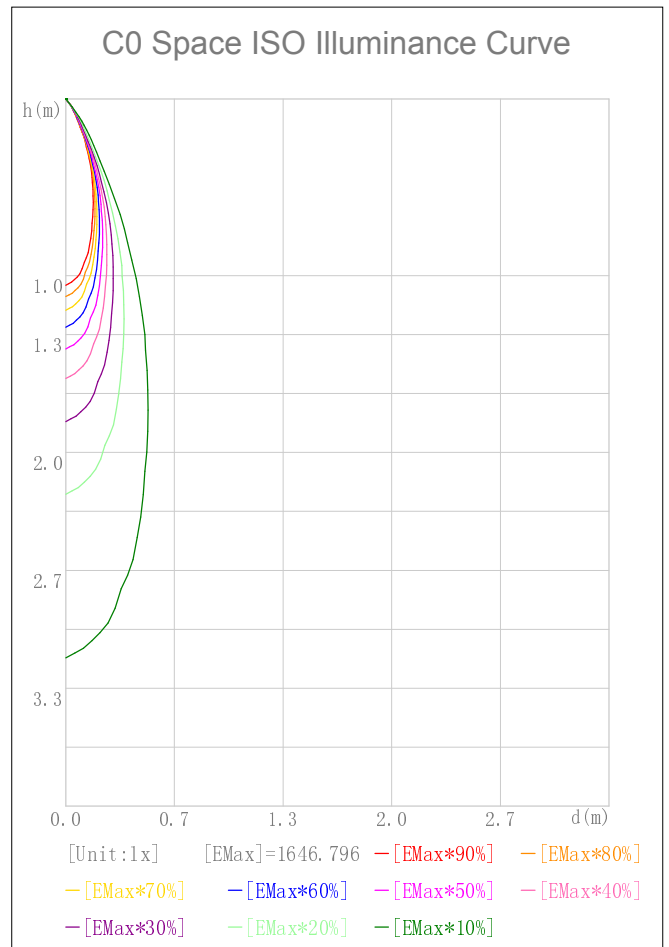
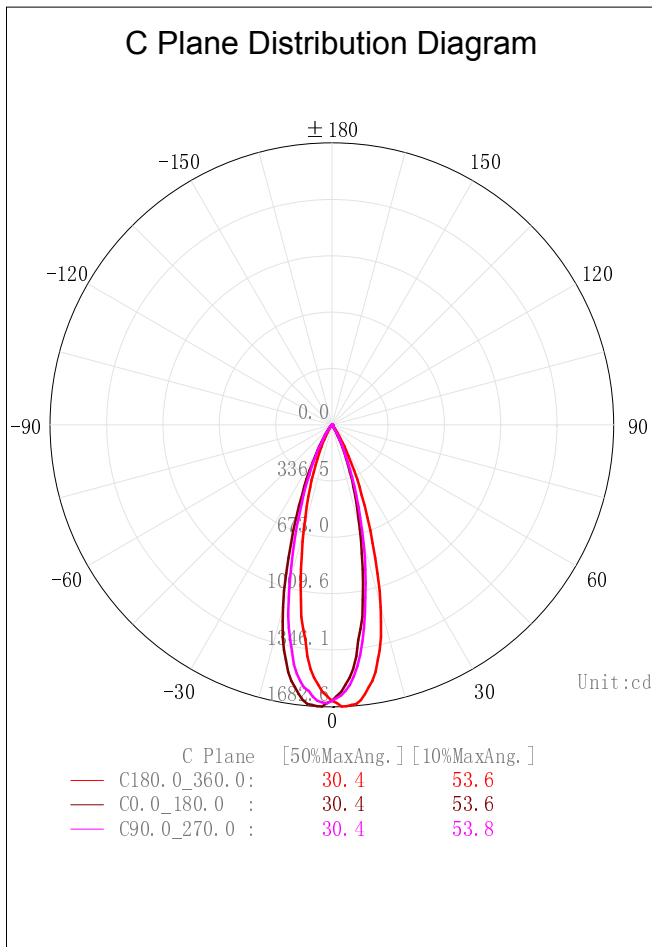
## Indoor Luminaire Photometric Data

### Description Information

Luminaire Name: 55252		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2023/09/23
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): 510.270	Luminaire Flux(lm): 510.269	Field Angle(10%Imax): 53.6(°)	
Rated Power(W): 8	Luminaire Efficiency: 100.00%	Down Lumens&Percent: 510.269lm 100.00%	
Rated Voltage(V): 120	Luminaire EER(lm/W): 60.986	Up Lumens&Percent: 0.000lm 0.00%	
Tested Power(W): 8.367	Max. Candela(cd): 1682.615	S/MH: C0_a180=0.516 C90_270=0.508	
Lamps' Inside: 1	Max Cand@Ang.(°): C=180.0 γ=2.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf): 120.5, 0.122, 0.568	Beam Angle(50%Imax): 30.4(°)	ErP Φ use(90°): 515.1501m	
Lamp Size(W*L*H):0.050m*-0.050m*0.000m	Left=-12.4°, Right=17.9°	IRF(%): 745.859	



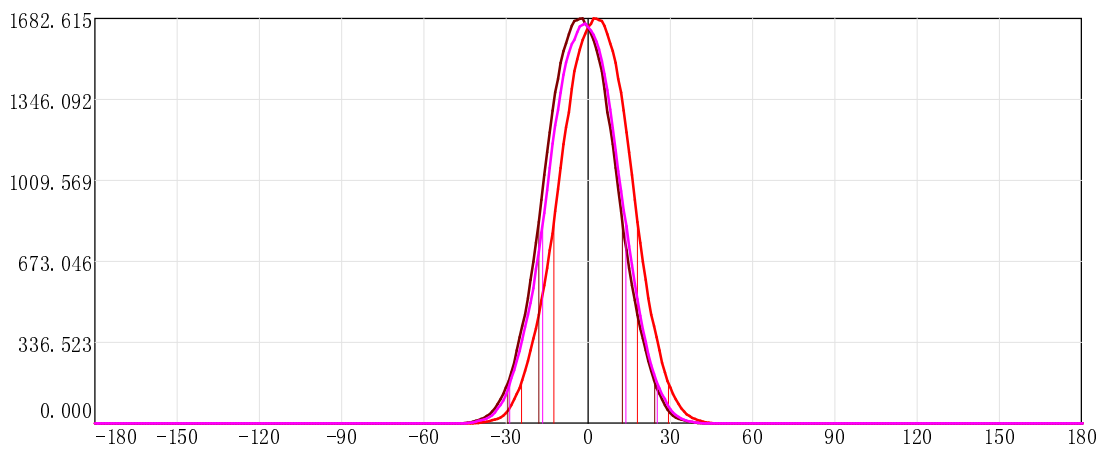
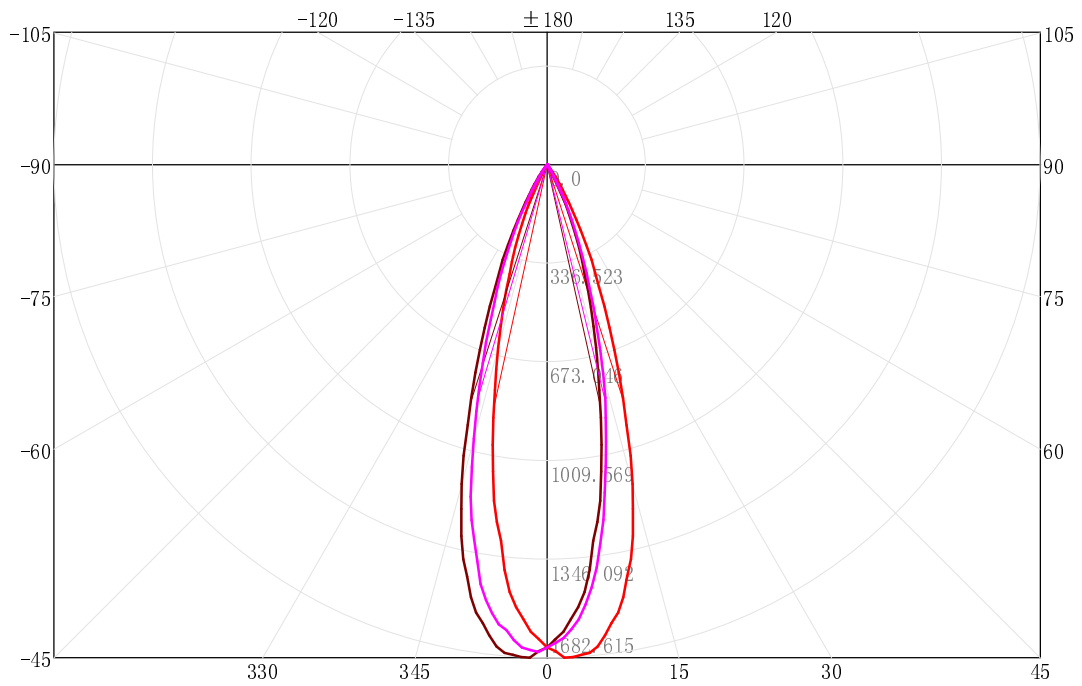
# IES Indoor Report

Photometric Filename: OJL106 (WIDE) 9W.IES

## 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: 2023/09/23

C Plane Distribution Diagram



	C Plane	[50%MaxAng. ]	[10%MaxAng. ]	Unit:cd
—	C180.0_360.0 :	30.4	53.6	
—	C0.0_180.0 :	30.4	53.6	
—	C90.0_270.0 :	30.4	53.8	

# IES Indoor Report

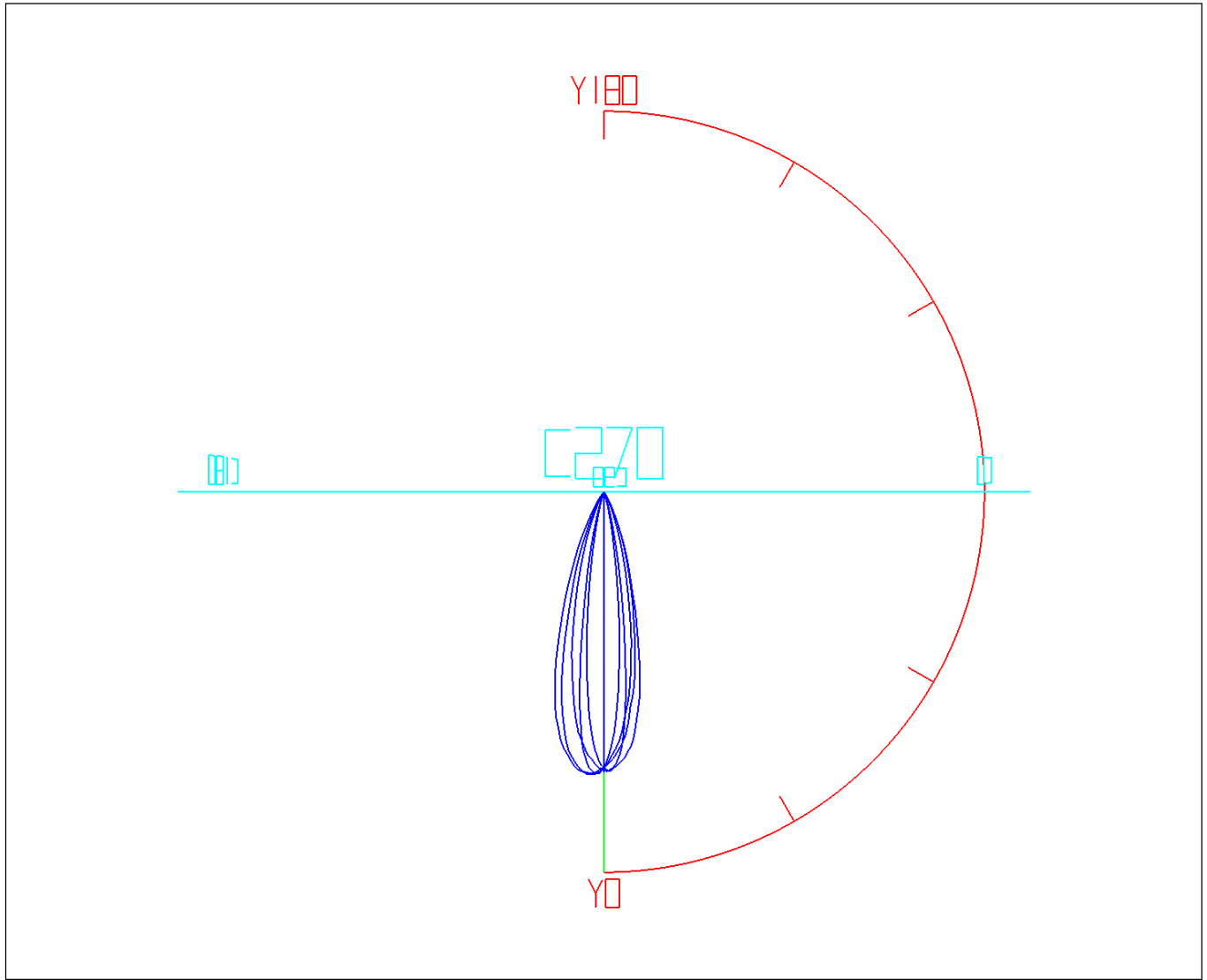
Photometric Filename:OJL106 (WIDE) 9W.IES

---

## 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: 2023/09/23

## 3D Light Intensity Distribution Modal



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

---

# IES Indoor Report

Photometric Filename:OJL106 (WIDE) 9W.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	1.58	1.58	0.31	0.31	47.0-48.0	0.00	510.27	0.00	100.00
1.0-2.0	4.71	6.29	0.92	1.23	48.0-49.0	0.00	510.27	0.00	100.00
2.0-3.0	7.78	14.06	1.52	2.76	49.0-50.0	0.00	510.27	0.00	100.00
3.0-4.0	10.73	24.80	2.10	4.86	50.0-51.0	0.00	510.27	0.00	100.00
4.0-5.0	13.54	38.34	2.65	7.51	51.0-52.0	0.00	510.27	0.00	100.00
5.0-6.0	16.14	54.49	3.16	10.68	52.0-53.0	0.00	510.27	0.00	100.00
6.0-7.0	18.49	72.97	3.62	14.30	53.0-54.0	0.00	510.27	0.00	100.00
7.0-8.0	20.57	93.54	4.03	18.33	54.0-55.0	0.00	510.27	0.00	100.00
8.0-9.0	22.32	115.87	4.37	22.71	55.0-56.0	0.00	510.27	0.00	100.00
9.0-10.0	23.66	139.53	4.64	27.34	56.0-57.0	0.00	510.27	0.00	100.00
10.0-11.0	24.61	164.14	4.82	32.17	57.0-58.0	0.00	510.27	0.00	100.00
11.0-12.0	25.27	189.41	4.95	37.12	58.0-59.0	0.00	510.27	0.00	100.00
12.0-13.0	25.56	214.96	5.01	42.13	59.0-60.0	0.00	510.27	0.00	100.00
13.0-14.0	25.40	240.36	4.98	47.10	60.0-61.0	0.00	510.27	0.00	100.00
14.0-15.0	24.84	265.20	4.87	51.97	61.0-62.0	0.00	510.27	0.00	100.00
15.0-16.0	24.02	289.22	4.71	56.68	62.0-63.0	0.00	510.27	0.00	100.00
16.0-17.0	23.05	312.27	4.52	61.20	63.0-64.0	0.00	510.27	0.00	100.00
17.0-18.0	21.84	334.11	4.28	65.48	64.0-65.0	0.00	510.27	0.00	100.00
18.0-19.0	20.46	354.57	4.01	69.49	65.0-66.0	0.00	510.27	0.00	100.00
19.0-20.0	19.11	373.68	3.75	73.23	66.0-67.0	0.00	510.27	0.00	100.00
20.0-21.0	17.78	391.46	3.48	76.72	67.0-68.0	0.00	510.27	0.00	100.00
21.0-22.0	16.40	407.86	3.21	79.93	68.0-69.0	0.00	510.27	0.00	100.00
22.0-23.0	15.02	422.88	2.94	82.87	69.0-70.0	0.00	510.27	0.00	100.00
23.0-24.0	13.61	436.49	2.67	85.54	70.0-71.0	0.00	510.27	0.00	100.00
24.0-25.0	12.14	448.63	2.38	87.92	71.0-72.0	0.00	510.27	0.00	100.00
25.0-26.0	10.68	459.31	2.09	90.01	72.0-73.0	0.00	510.27	0.00	100.00
26.0-27.0	9.27	468.57	1.82	91.83	73.0-74.0	0.00	510.27	0.00	100.00
27.0-28.0	7.95	476.53	1.56	93.39	74.0-75.0	0.00	510.27	0.00	100.00
28.0-29.0	6.74	483.27	1.32	94.71	75.0-76.0	0.00	510.27	0.00	100.00
29.0-30.0	5.59	488.86	1.09	95.80	76.0-77.0	0.00	510.27	0.00	100.00
30.0-31.0	4.56	493.42	0.89	96.70	77.0-78.0	0.00	510.27	0.00	100.00
31.0-32.0	3.71	497.12	0.73	97.42	78.0-79.0	0.00	510.27	0.00	100.00
32.0-33.0	2.99	500.12	0.59	98.01	79.0-80.0	0.00	510.27	0.00	100.00
33.0-34.0	2.39	502.51	0.47	98.48	80.0-81.0	0.00	510.27	0.00	100.00
34.0-35.0	1.90	504.41	0.37	98.85	81.0-82.0	0.00	510.27	0.00	100.00
35.0-36.0	1.49	505.91	0.29	99.14	82.0-83.0	0.00	510.27	0.00	100.00
36.0-37.0	1.18	507.09	0.23	99.38	83.0-84.0	0.00	510.27	0.00	100.00
37.0-38.0	0.94	508.02	0.18	99.56	84.0-85.0	0.00	510.27	0.00	100.00
38.0-39.0	0.73	508.76	0.14	99.70	85.0-86.0	0.00	510.27	0.00	100.00
39.0-40.0	0.56	509.31	0.11	99.81	86.0-87.0	0.00	510.27	0.00	100.00
40.0-41.0	0.40	509.71	0.08	99.89	87.0-88.0	0.00	510.27	0.00	100.00
41.0-42.0	0.26	509.98	0.05	99.94	88.0-89.0	0.00	510.27	0.00	100.00
42.0-43.0	0.16	510.14	0.03	99.97	89.0-90.0	0.00	510.27	0.00	100.00
43.0-44.0	0.09	510.22	0.02	99.99	90.0-91.0	0.00	510.27	0.00	100.00
44.0-45.0	0.04	510.26	0.01	100.00	91.0-92.0	0.00	510.27	0.00	100.00
45.0-46.0	0.01	510.27	0.00	100.00	92.0-93.0	0.00	510.27	0.00	100.00
46.0-47.0	0.00	510.27	0.00	100.00	93.0-94.0	0.00	510.27	0.00	100.00

# IES Indoor Report

Photometric Filename:OJL106 (WIDE) 9W.IES

## Zonal Flux Tabulation - (Cont.)

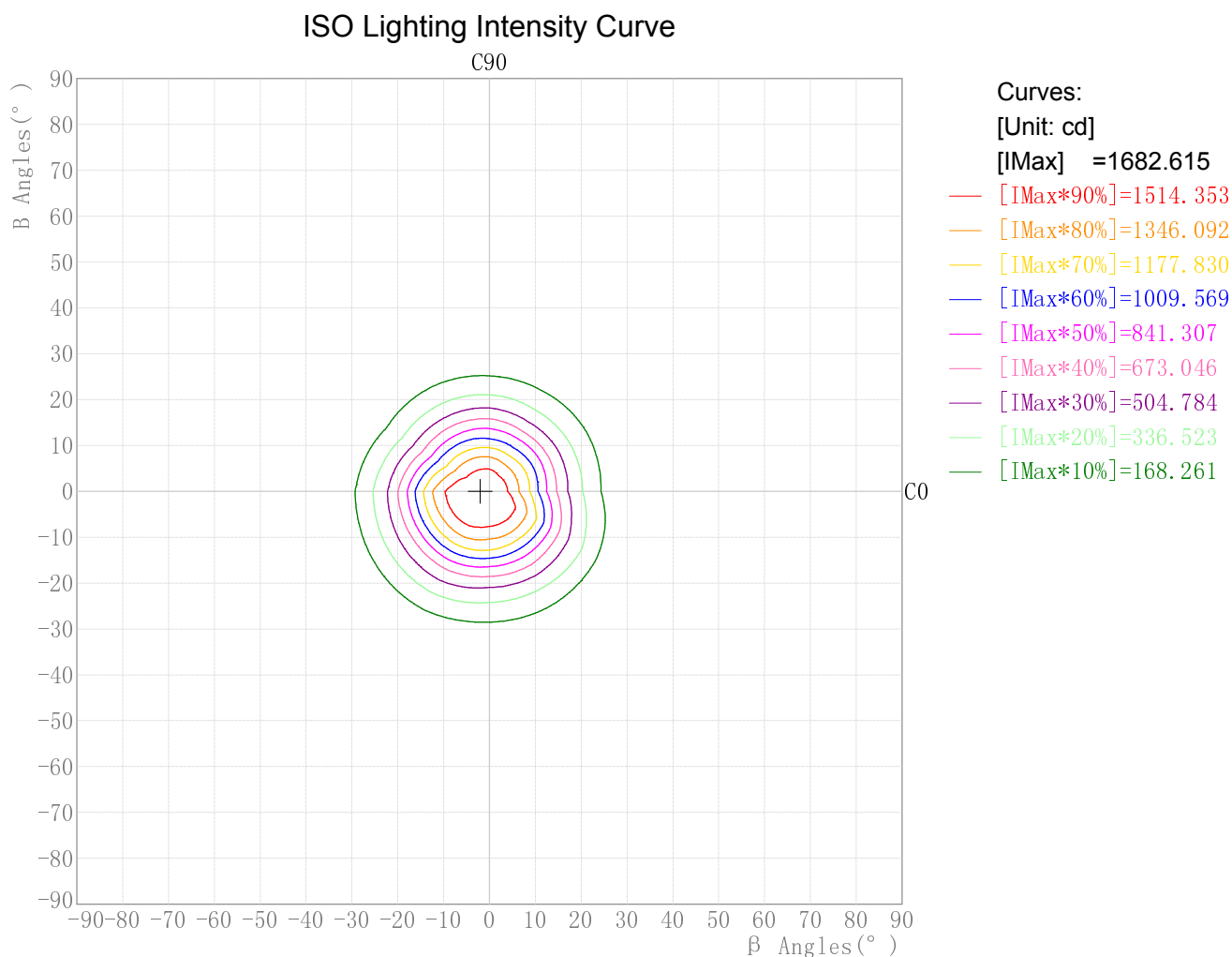
Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.00	510.27	0.00	100.00	141.0-142.0	0.00	510.27	0.00	100.00
95.0-96.0	0.00	510.27	0.00	100.00	142.0-143.0	0.00	510.27	0.00	100.00
96.0-97.0	0.00	510.27	0.00	100.00	143.0-144.0	0.00	510.27	0.00	100.00
97.0-98.0	0.00	510.27	0.00	100.00	144.0-145.0	0.00	510.27	0.00	100.00
98.0-99.0	0.00	510.27	0.00	100.00	145.0-146.0	0.00	510.27	0.00	100.00
99.0-100.0	0.00	510.27	0.00	100.00	146.0-147.0	0.00	510.27	0.00	100.00
100.0-101.0	0.00	510.27	0.00	100.00	147.0-148.0	0.00	510.27	0.00	100.00
101.0-102.0	0.00	510.27	0.00	100.00	148.0-149.0	0.00	510.27	0.00	100.00
102.0-103.0	0.00	510.27	0.00	100.00	149.0-150.0	0.00	510.27	0.00	100.00
103.0-104.0	0.00	510.27	0.00	100.00	150.0-151.0	0.00	510.27	0.00	100.00
104.0-105.0	0.00	510.27	0.00	100.00	151.0-152.0	0.00	510.27	0.00	100.00
105.0-106.0	0.00	510.27	0.00	100.00	152.0-153.0	0.00	510.27	0.00	100.00
106.0-107.0	0.00	510.27	0.00	100.00	153.0-154.0	0.00	510.27	0.00	100.00
107.0-108.0	0.00	510.27	0.00	100.00	154.0-155.0	0.00	510.27	0.00	100.00
108.0-109.0	0.00	510.27	0.00	100.00	155.0-156.0	0.00	510.27	0.00	100.00
109.0-110.0	0.00	510.27	0.00	100.00	156.0-157.0	0.00	510.27	0.00	100.00
110.0-111.0	0.00	510.27	0.00	100.00	157.0-158.0	0.00	510.27	0.00	100.00
111.0-112.0	0.00	510.27	0.00	100.00	158.0-159.0	0.00	510.27	0.00	100.00
112.0-113.0	0.00	510.27	0.00	100.00	159.0-160.0	0.00	510.27	0.00	100.00
113.0-114.0	0.00	510.27	0.00	100.00	160.0-161.0	0.00	510.27	0.00	100.00
114.0-115.0	0.00	510.27	0.00	100.00	161.0-162.0	0.00	510.27	0.00	100.00
115.0-116.0	0.00	510.27	0.00	100.00	162.0-163.0	0.00	510.27	0.00	100.00
116.0-117.0	0.00	510.27	0.00	100.00	163.0-164.0	0.00	510.27	0.00	100.00
117.0-118.0	0.00	510.27	0.00	100.00	164.0-165.0	0.00	510.27	0.00	100.00
118.0-119.0	0.00	510.27	0.00	100.00	165.0-166.0	0.00	510.27	0.00	100.00
119.0-120.0	0.00	510.27	0.00	100.00	166.0-167.0	0.00	510.27	0.00	100.00
120.0-121.0	0.00	510.27	0.00	100.00	167.0-168.0	0.00	510.27	0.00	100.00
121.0-122.0	0.00	510.27	0.00	100.00	168.0-169.0	0.00	510.27	0.00	100.00
122.0-123.0	0.00	510.27	0.00	100.00	169.0-170.0	0.00	510.27	0.00	100.00
123.0-124.0	0.00	510.27	0.00	100.00	170.0-171.0	0.00	510.27	0.00	100.00
124.0-125.0	0.00	510.27	0.00	100.00	171.0-172.0	0.00	510.27	0.00	100.00
125.0-126.0	0.00	510.27	0.00	100.00	172.0-173.0	0.00	510.27	0.00	100.00
126.0-127.0	0.00	510.27	0.00	100.00	173.0-174.0	0.00	510.27	0.00	100.00
127.0-128.0	0.00	510.27	0.00	100.00	174.0-175.0	0.00	510.27	0.00	100.00
128.0-129.0	0.00	510.27	0.00	100.00	175.0-176.0	0.00	510.27	0.00	100.00
129.0-130.0	0.00	510.27	0.00	100.00	176.0-177.0	0.00	510.27	0.00	100.00
130.0-131.0	0.00	510.27	0.00	100.00	177.0-178.0	0.00	510.27	0.00	100.00
131.0-132.0	0.00	510.27	0.00	100.00	178.0-179.0	0.00	510.27	0.00	100.00
132.0-133.0	0.00	510.27	0.00	100.00	179.0-180.0	0.00	510.27	0.00	100.00
133.0-134.0	0.00	510.27	0.00	100.00					
134.0-135.0	0.00	510.27	0.00	100.00					
135.0-136.0	0.00	510.27	0.00	100.00					
136.0-137.0	0.00	510.27	0.00	100.00					
137.0-138.0	0.00	510.27	0.00	100.00					
138.0-139.0	0.00	510.27	0.00	100.00					
139.0-140.0	0.00	510.27	0.00	100.00					
140.0-141.0	0.00	510.27	0.00	100.00					

# IES Indoor Report

Photometric Filename: OJL106 (WIDE) 9W.IES

## 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: 2023/09/23



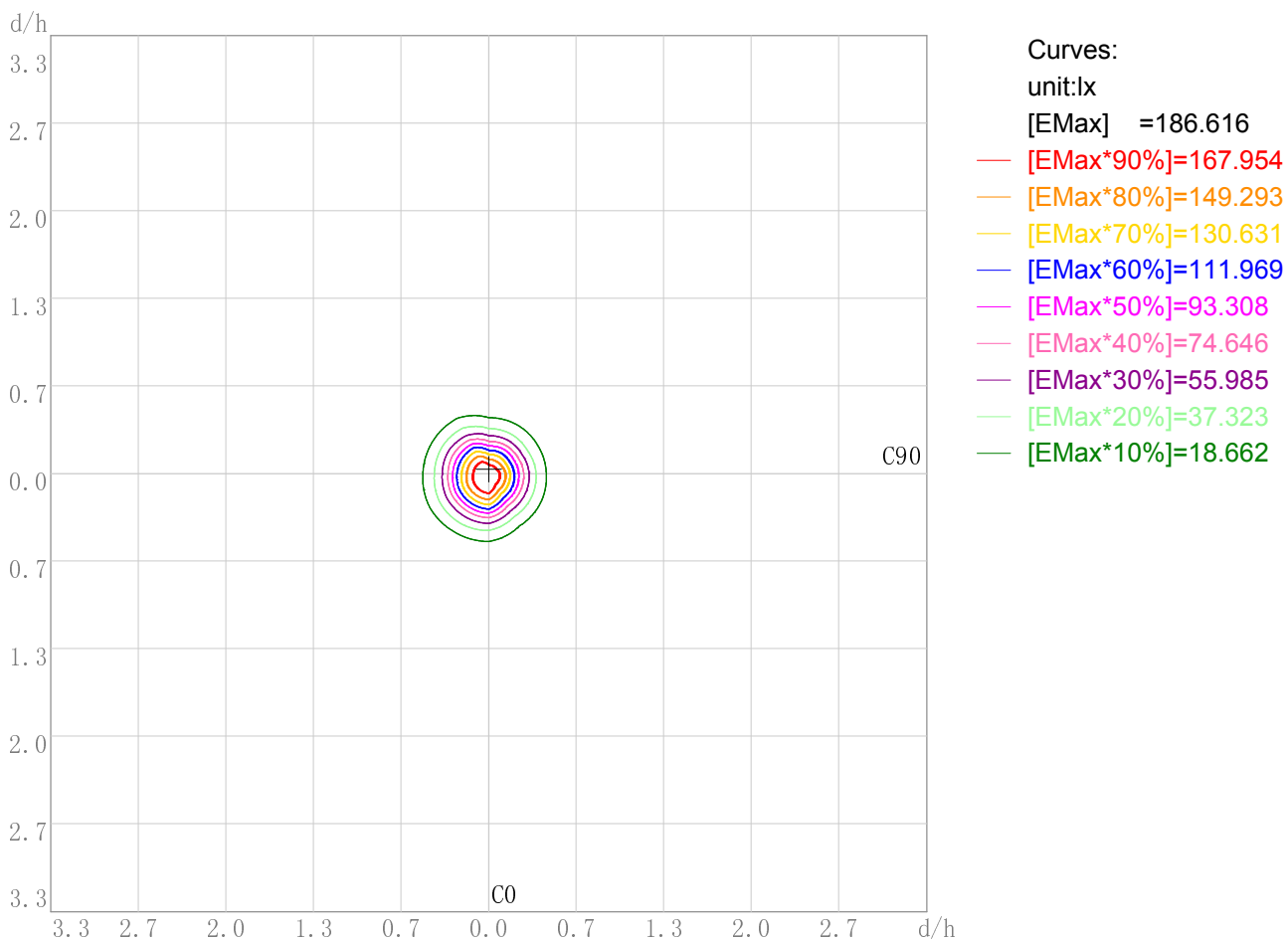
# IES Indoor Report

Photometric Filename:OJL106 (WIDE) 9W.IES

## Plane ISO-Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/09/23

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 186.62  
Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

# IES Indoor Report

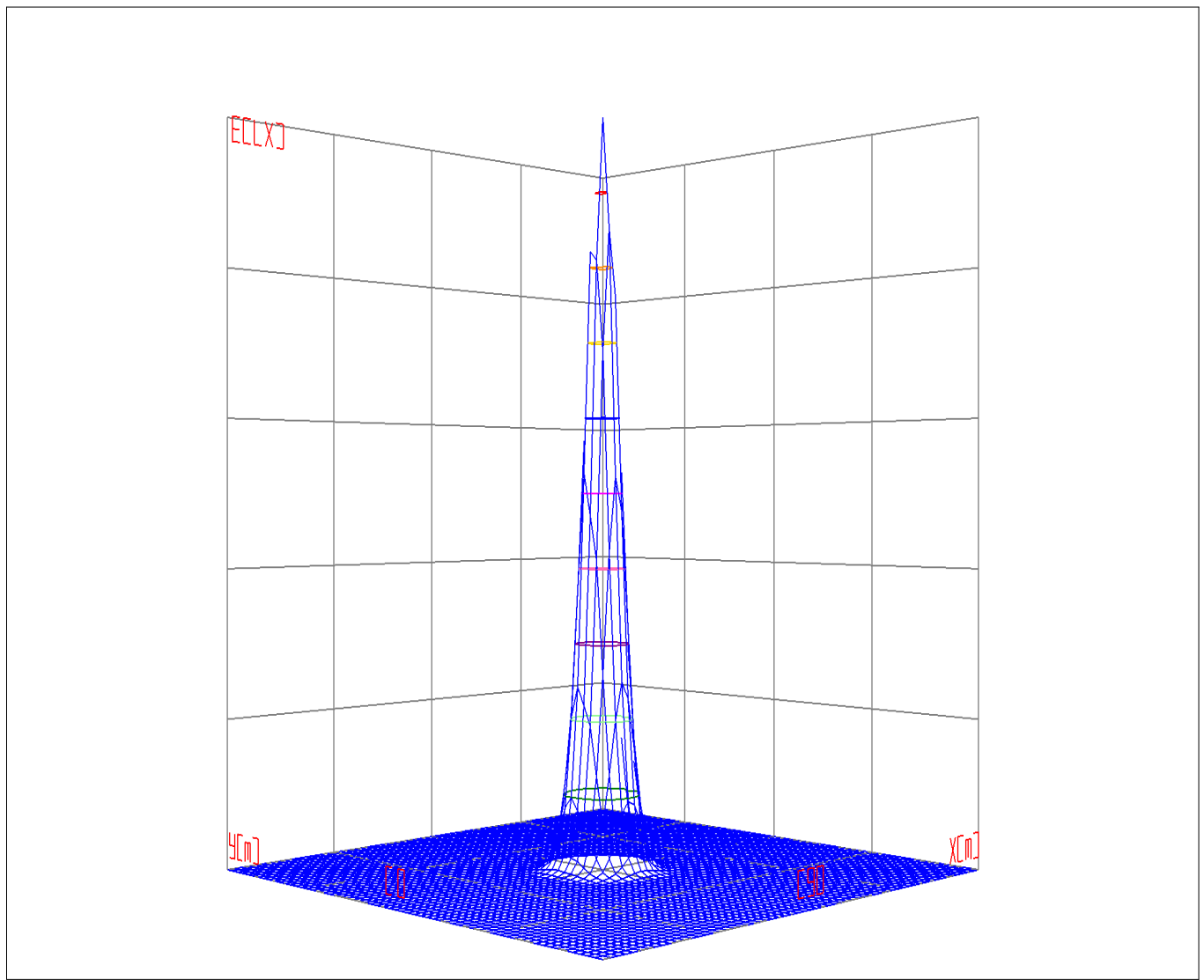
Photometric Filename:OJL106 (WIDE) 9W.IES

---

## 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: 2023/09/23

### 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

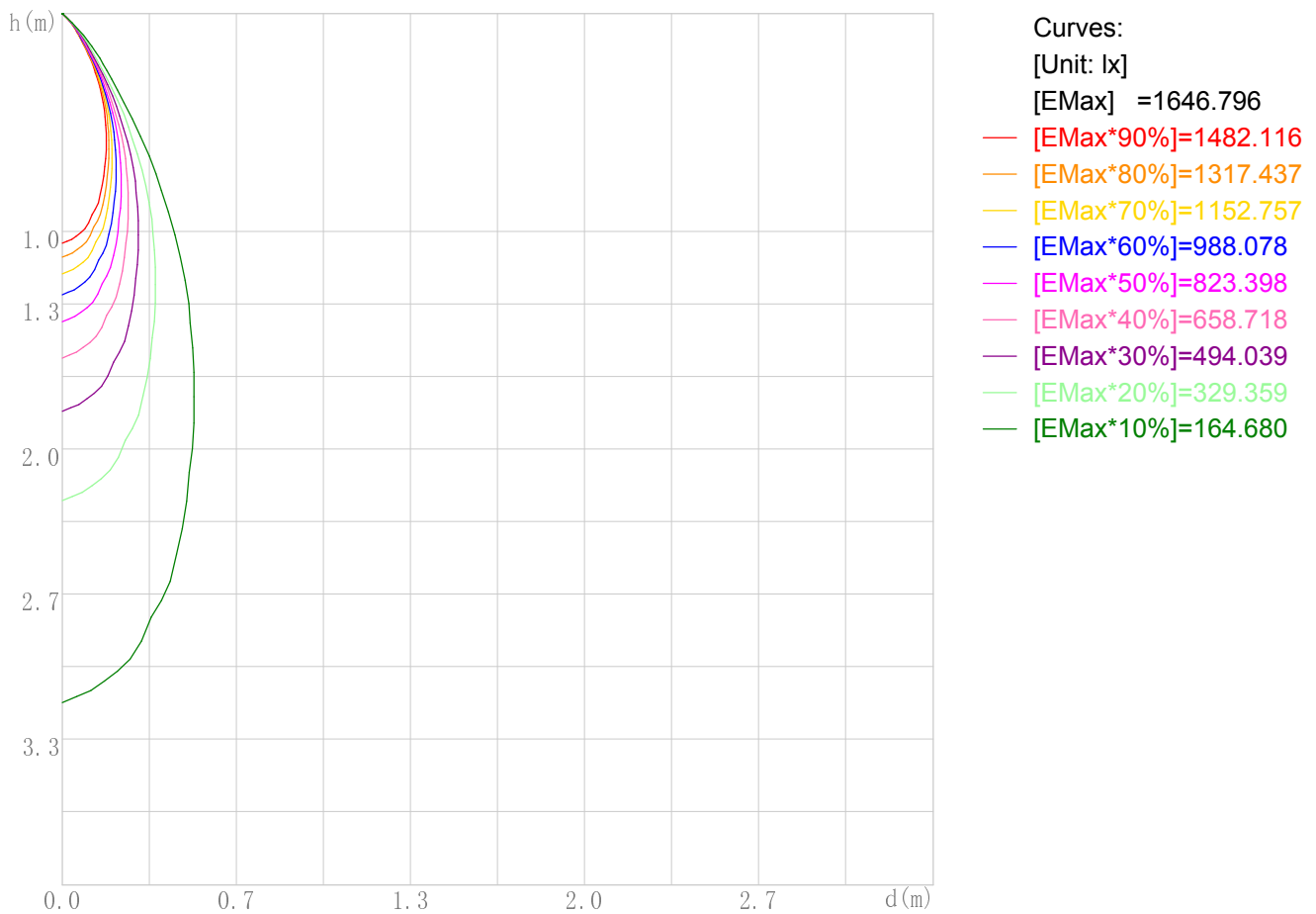
Photometric Filename: OJL106 (WIDE) 9W.IES

---

## Space ISO Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2023/09/23

Space ISO Illuminance Curve



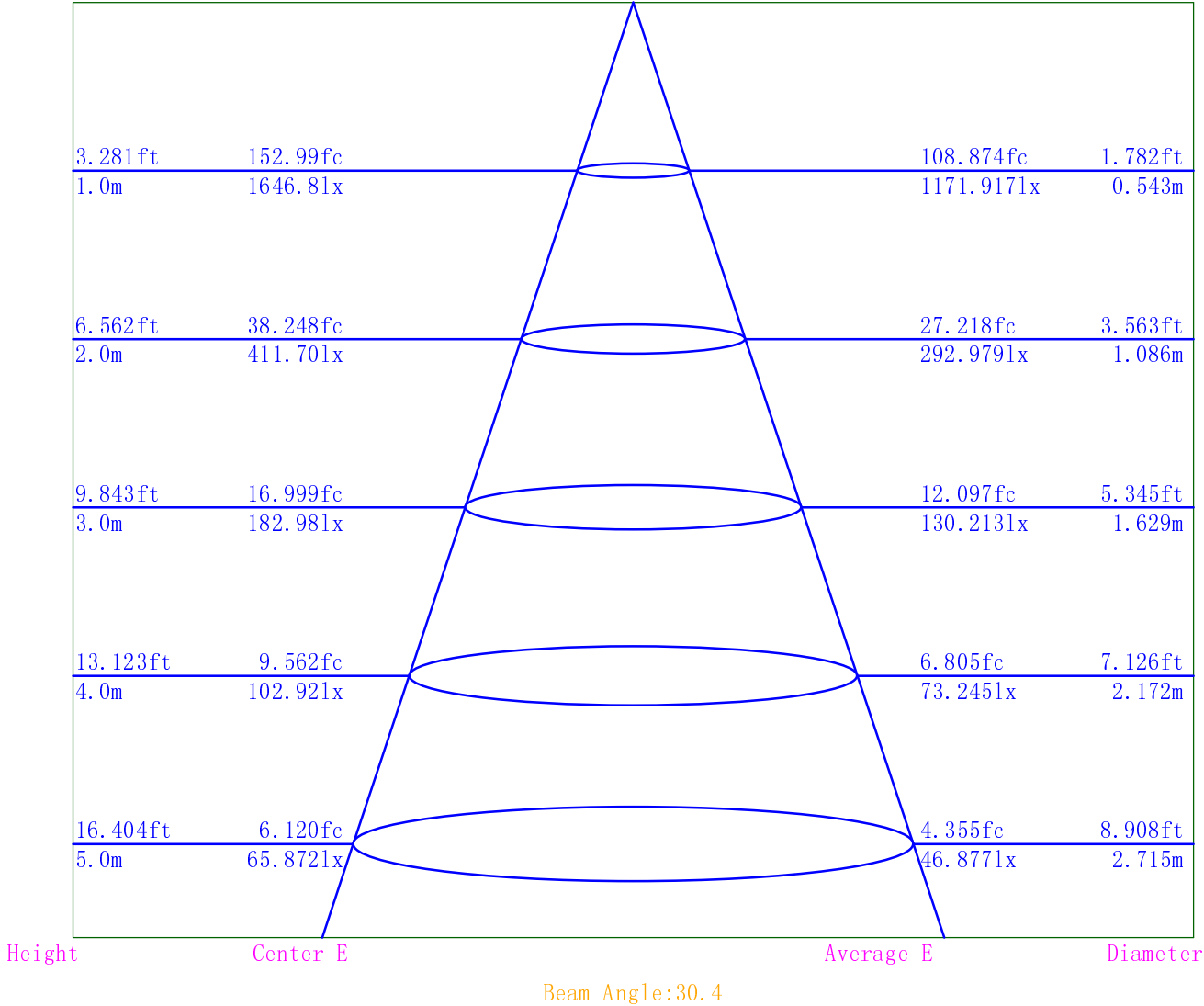
Space Plane Maximum Illuminance and @Angle: 1646.80lx, 0.0deg  
Plane Maximum Lighting Intensity and @Angle: 1646.796cd, 0deg

---

**Illuminance-Distance Diagram**

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/09/23

Illuminance-Distance Curve



# IES Indoor Report

Photometric Filename:OJL106 (WIDE) 9W.IES

## Indoor Luminance Limiting Curves

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/09/23

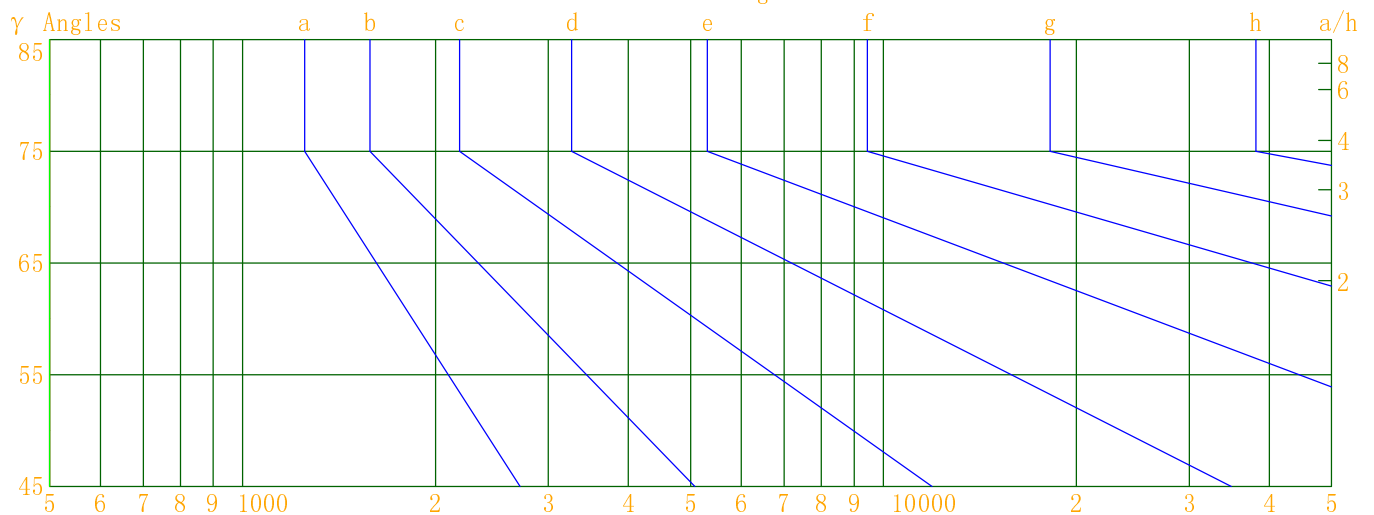
Glare Grade Table

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	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

Luminance Limiting Curve



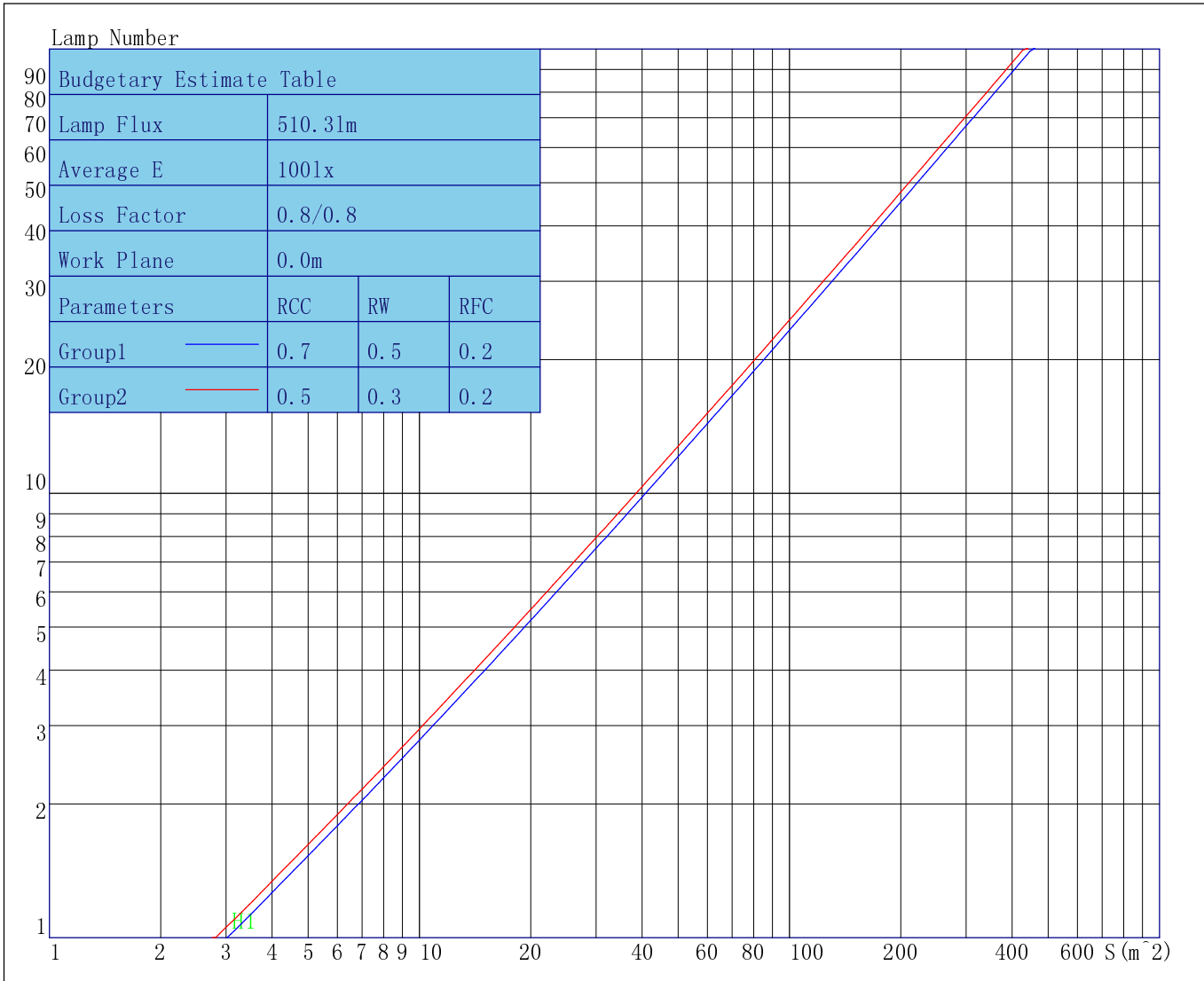
Luminous Size: Length(m)=-0.050 Width(m)=-0.050 Height(m)=0.000 Area(m<sup>2</sup>)=0.001963  
 Luminous Type: Without Luminous Side  
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

# IES Indoor Report

Photometric Filename: OJL106 (WIDE) 9W.IES

## Indoor Budgetary Estimate Table

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2023/09/23



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

# IES Indoor Report

Photometric Filename:OJL106 (WIDE) 9W.IES

## 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: 2023/09/23

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	115	113	111	109	112	111	109	107	107	105	104	103	102	101	99	99	98	96			
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	93			
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	89			
4	103	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	86			
5	100	94	90	86	99	93	89	86	91	88	85	90	87	85	88	86	84	83			
6	97	90	86	83	96	90	85	82	88	85	82	87	84	81	86	83	81	80			
7	94	87	83	79	93	86	82	79	85	82	79	84	81	78	83	80	78	77			
8	91	84	80	76	90	83	79	76	82	79	76	82	78	76	81	78	75	74			
9	88	81	77	74	87	81	77	74	80	76	73	79	76	73	78	75	73	72			
10	86	78	74	71	85	78	74	71	77	74	71	77	73	71	76	73	71	70			

# IES Indoor Report

Photometric Filename:OJL106 (WIDE) 9W.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: 2023/09/23

## 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	4.6	5.4	4.9	5.7	6.1	4.3	5.2	4.7	5.5	5.8
Y=3H	4.4	5.1	4.7	5.4	5.8	4.1	4.8	4.5	5.2	5.6
Y=4H	4.2	4.9	4.6	5.3	5.7	4.0	4.7	4.4	5.0	5.4
Y=6H	4.1	4.7	4.5	5.1	5.5	3.9	4.5	4.3	4.9	5.3
Y=8H	4.1	4.6	4.5	5.0	5.4	3.8	4.4	4.2	4.8	5.2
Y=12H	4.0	4.5	4.4	4.9	5.4	3.7	4.3	4.2	4.7	5.1
X=4H Y=2H	4.2	4.9	4.6	5.3	5.7	4.0	4.7	4.4	5.0	5.4
Y=3H	4.0	4.6	4.4	5.0	5.4	3.8	4.3	4.2	4.7	5.1
Y=4H	3.9	4.4	4.3	4.8	5.2	3.6	4.1	4.1	4.5	5.0
Y=6H	3.8	4.2	4.2	4.6	5.1	3.5	3.9	4.0	4.4	4.8
Y=8H	3.7	4.1	4.2	4.5	5.0	3.4	3.8	3.9	4.3	4.7
Y=12H	3.6	3.9	4.1	4.4	4.9	3.4	3.7	3.8	4.2	4.6
X=8H Y=4H	3.7	4.1	4.2	4.5	5.0	3.4	3.8	3.9	4.3	4.7
Y=6H	3.5	3.8	4.1	4.3	4.8	3.3	3.6	3.8	4.1	4.6
Y=8H	3.5	3.7	4.0	4.3	4.8	3.2	3.5	3.8	4.0	4.5
Y=12H	3.4	3.6	3.9	4.1	4.7	3.2	3.4	3.7	3.9	4.5
X=12H Y=4H	3.6	3.9	4.1	4.4	4.9	3.4	3.7	3.8	4.2	4.6
Y=6H	3.5	3.7	4.0	4.2	4.8	3.2	3.5	3.8	4.0	4.5
Y=8H	3.4	3.6	3.9	4.1	4.7	3.2	3.4	3.7	3.9	4.5
Variations with the objerver position at spacings										
S=1.0H	0.0/0.0					0.0/0.0				
S=1.5H	0.0/0.0					0.0/0.0				
S=2.0H	0.0/0.0					0.0/0.0				
Reduced UGR Table:										
Nordic Standard Table:	BKO					BKO				
Correction Value	0.0					0.0				

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

# IES Indoor Report

Photometric Filename:OJL106 (WIDE) 9W.IES

## 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	1646.80	1646.80	1646.80	1646.80	1646.80	1646.80	1646.80	1646.80	1646.80	1646.80	1646.80	1646.80
γ 1.0	1618.97	1620.44	1624.53	1632.09	1642.69	1657.14	1659.64	1663.30	1659.23	1661.59	1661.41	1660.20
γ 2.0	1593.61	1582.85	1591.16	1614.42	1629.31	1641.61	1682.61	1677.06	1666.28	1656.47	1650.85	1641.53
γ 3.0	1552.95	1549.11	1557.38	1586.98	1598.23	1611.10	1681.50	1674.91	1660.41	1648.89	1645.26	1628.59
γ 4.0	1512.23	1509.39	1512.73	1554.49	1572.31	1595.30	1675.84	1669.22	1647.71	1625.34	1614.25	1600.13
γ 5.0	1462.96	1452.80	1468.30	1506.28	1529.08	1554.57	1672.02	1652.13	1629.99	1593.47	1594.32	1577.03
γ 6.0	1389.56	1376.37	1398.26	1450.82	1475.65	1511.39	1651.90	1628.78	1611.83	1576.14	1558.46	1537.02
γ 7.0	1292.96	1317.13	1323.32	1384.42	1419.44	1473.21	1617.66	1595.47	1581.97	1540.94	1527.11	1502.20
γ 8.0	1231.02	1255.14	1254.38	1305.42	1352.24	1405.43	1579.06	1561.44	1539.02	1499.64	1480.83	1450.53
γ 9.0	1160.46	1175.19	1162.66	1225.85	1262.90	1330.15	1546.46	1525.33	1502.34	1448.59	1420.09	1376.46
γ 10.0	1061.81	1083.11	1078.37	1134.98	1188.98	1244.41	1497.88	1467.08	1450.53	1373.41	1349.53	1307.60
γ 11.0	973.49	1000.28	995.39	1048.28	1113.67	1161.89	1430.97	1400.55	1373.07	1302.02	1279.05	1243.60
γ 12.0	881.66	925.04	917.22	966.24	1032.67	1085.16	1375.70	1327.21	1301.31	1238.75	1192.66	1171.18
γ 13.0	789.34	833.65	841.90	886.25	936.74	1009.71	1299.77	1255.82	1230.30	1162.14	1103.67	1078.61
γ 14.0	718.94	739.71	749.16	819.69	860.96	913.39	1209.47	1178.05	1141.46	1061.89	1016.73	974.28
γ 15.0	645.48	661.48	663.12	736.84	765.52	823.59	1127.14	1081.87	1043.15	967.86	929.36	881.67
γ 16.0	573.78	590.29	588.45	657.76	701.00	739.74	1032.16	986.29	961.24	874.17	843.02	796.30
γ 17.0	510.33	527.58	523.40	579.97	627.45	667.32	927.88	893.38	868.14	793.01	774.34	725.75
γ 18.0	451.00	461.02	457.35	515.52	551.27	597.39	836.02	795.30	773.76	711.59	695.77	629.62
γ 19.0	394.04	401.30	393.98	447.19	482.94	526.58	750.04	711.37	700.24	640.96	623.60	561.12
γ 20.0	352.11	352.52	347.72	391.35	427.77	461.22	671.59	642.55	627.34	561.98	555.88	506.34
γ 21.0	303.27	301.29	304.12	338.54	373.02	402.00	595.25	581.31	563.39	500.40	492.84	457.04
γ 22.0	258.74	259.86	264.86	287.18	320.22	346.12	520.44	515.17	510.76	451.02	439.06	407.72
γ 23.0	218.14	224.90	227.92	242.55	278.21	304.28	452.79	465.15	451.35	399.90	382.11	360.61
γ 24.0	179.10	189.15	187.31	205.38	235.36	257.87	403.77	408.61	398.94	346.78	329.27	319.39
γ 25.0	146.23	156.43	155.70	173.17	196.66	215.00	358.11	353.45	347.59	300.47	276.79	266.98
γ 26.0	122.53	126.59	128.53	144.96	163.14	174.34	303.47	294.95	298.60	258.76	241.05	225.53
γ 27.0	99.66	101.03	106.36	119.73	135.24	141.89	251.68	247.13	256.25	220.76	202.32	180.29
γ 28.0	75.92	79.51	89.91	100.79	107.39	115.62	211.29	214.59	209.28	187.18	170.48	145.96
γ 29.0	57.47	60.76	63.72	77.61	87.85	98.68	176.23	175.40	177.00	149.75	143.32	117.64
γ 30.0	42.51	46.52	45.37	58.90	66.59	80.33	149.10	139.39	142.26	117.43	114.78	94.16
γ 31.0	32.12	34.04	32.81	45.56	49.02	60.96	121.78	113.14	116.75	94.76	94.27	73.37
γ 32.0	24.54	25.04	25.17	35.12	35.48	46.99	99.63	91.23	91.39	76.16	74.58	59.72
γ 33.0	19.19	19.90	19.53	27.24	26.00	36.19	79.61	70.43	71.30	61.02	60.86	43.47
γ 34.0	15.57	16.00	15.44	20.03	20.14	26.76	63.12	52.30	57.19	45.16	49.23	33.99
γ 35.0	12.64	12.59	12.34	14.79	15.82	20.02	48.59	40.11	44.20	33.83	37.62	25.48
γ 36.0	9.56	9.93	9.66	11.14	12.95	15.38	37.20	30.58	33.08	26.07	29.14	20.38
γ 37.0	7.21	7.84	7.61	8.64	10.26	12.41	30.30	23.51	24.92	19.58	21.07	16.75
γ 38.0	5.32	6.39	4.99	6.30	8.65	9.55	23.05	18.92	18.96	15.55	15.40	13.56
γ 39.0	3.48	4.24	2.84	4.59	6.63	6.64	18.16	15.11	14.13	12.92	11.37	10.71
γ 40.0	1.99	2.23	1.18	3.11	4.35	4.79	13.93	12.10	10.46	9.99	8.18	8.24
γ 41.0	0.70	0.39	0.00	1.36	2.38	3.13	10.45	9.11	8.27	7.14	5.95	5.64
γ 42.0	0.00	0.00	0.00	0.36	0.62	1.73	6.24	6.23	5.62	4.34	4.30	3.18
γ 43.0	0.00	0.00	0.00	0.00	0.00	0.00	4.05	4.08	3.59	2.49	2.83	1.46
γ 44.0	0.00	0.00	0.00	0.00	0.00	0.00	2.34	2.49	2.11	0.99	1.24	0.04
γ 45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.71	1.01	0.73	0.00	0.00	0.00
γ 46.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00







