

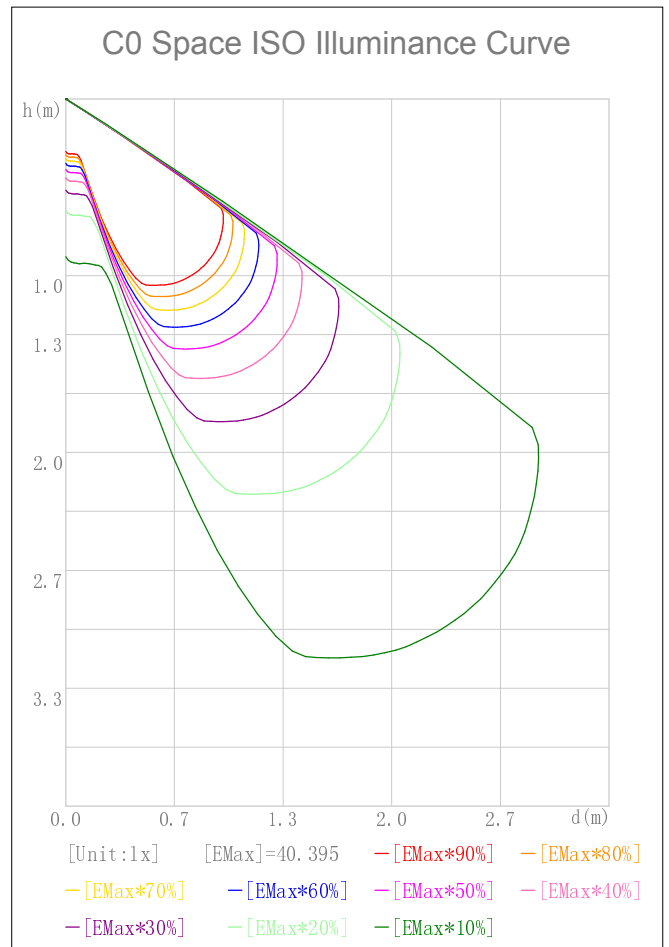
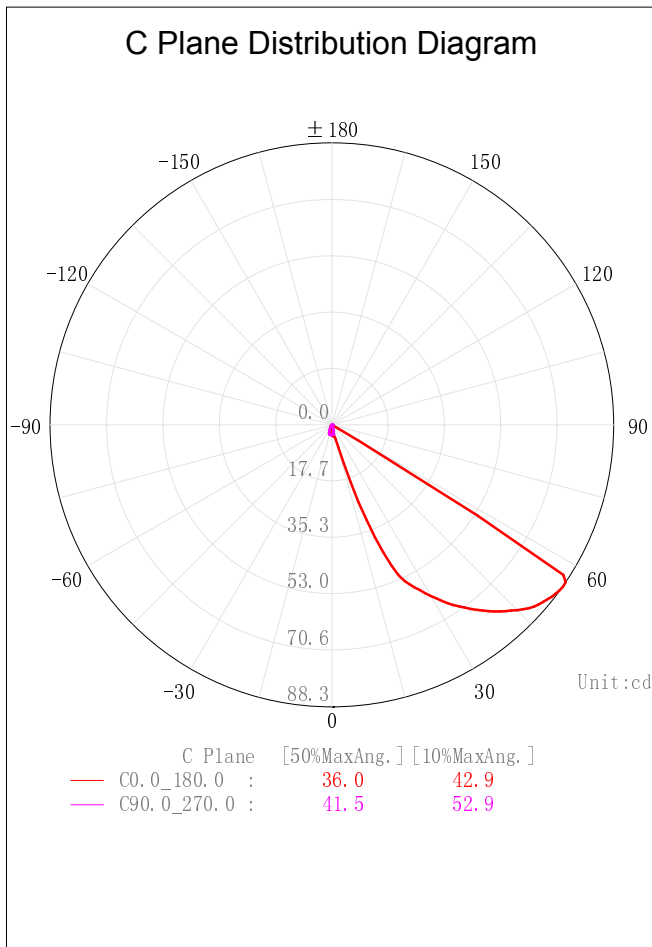
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 55252		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2023/09/25
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency (Hz):	Lamp CCT(K): Ra:
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): 42.520	Luminary Flux(lm): 42.524	Field Angle(10%Imax): 42.9(°)	
Rated Power(W):	Luminary Efficiency: 100.01%	Down Lumens&Percent: 42.524lm 100.00%	
Rated Voltage(V):	Luminary EER(lm/W): 20.632	Up Lumens&Percent: 0.000lm 0.00%	
Tested Power(W): 2.061	Max. Candela(cd): 88.291	S/MH: C0_a180=1.939 C90_270=0.709	
Lamps' Inside: 1	Max Cand@Ang.(°): C=0.0 γ=55.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf): 120.5, 0.033, 0.517	Beam Angle(50%Imax): 36.0(°)	ErP Φ use(90°): 15.933lm	
Lamp Size(W*L*H):0.050m*-0.050m*0.000m	Left=22.2°, Right=58.2°	IRF(%): 158.062	

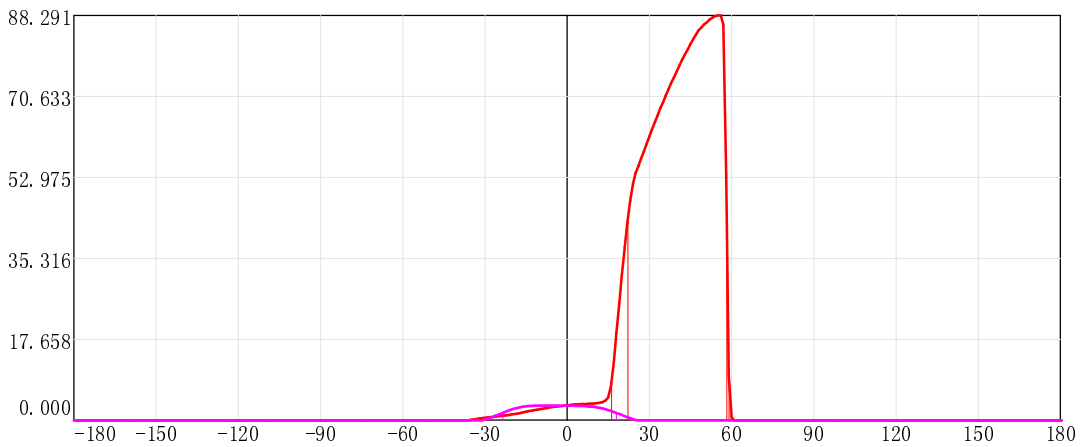
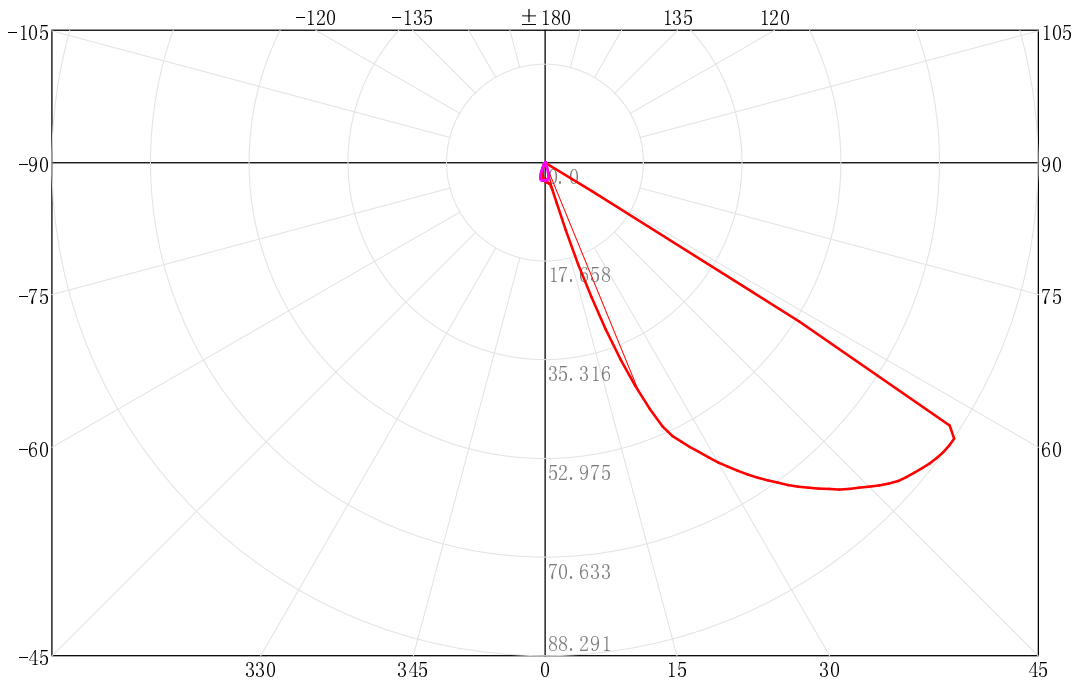


IES Indoor Report
Photometric Filename:LPA101 (SQ) 2W.IES

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: 2023/09/25

C Plane Distribution Diagram



	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
—	C0_0_180.0 :	36.0	42.9	
—	C90_0_270.0 :	41.5	52.9	

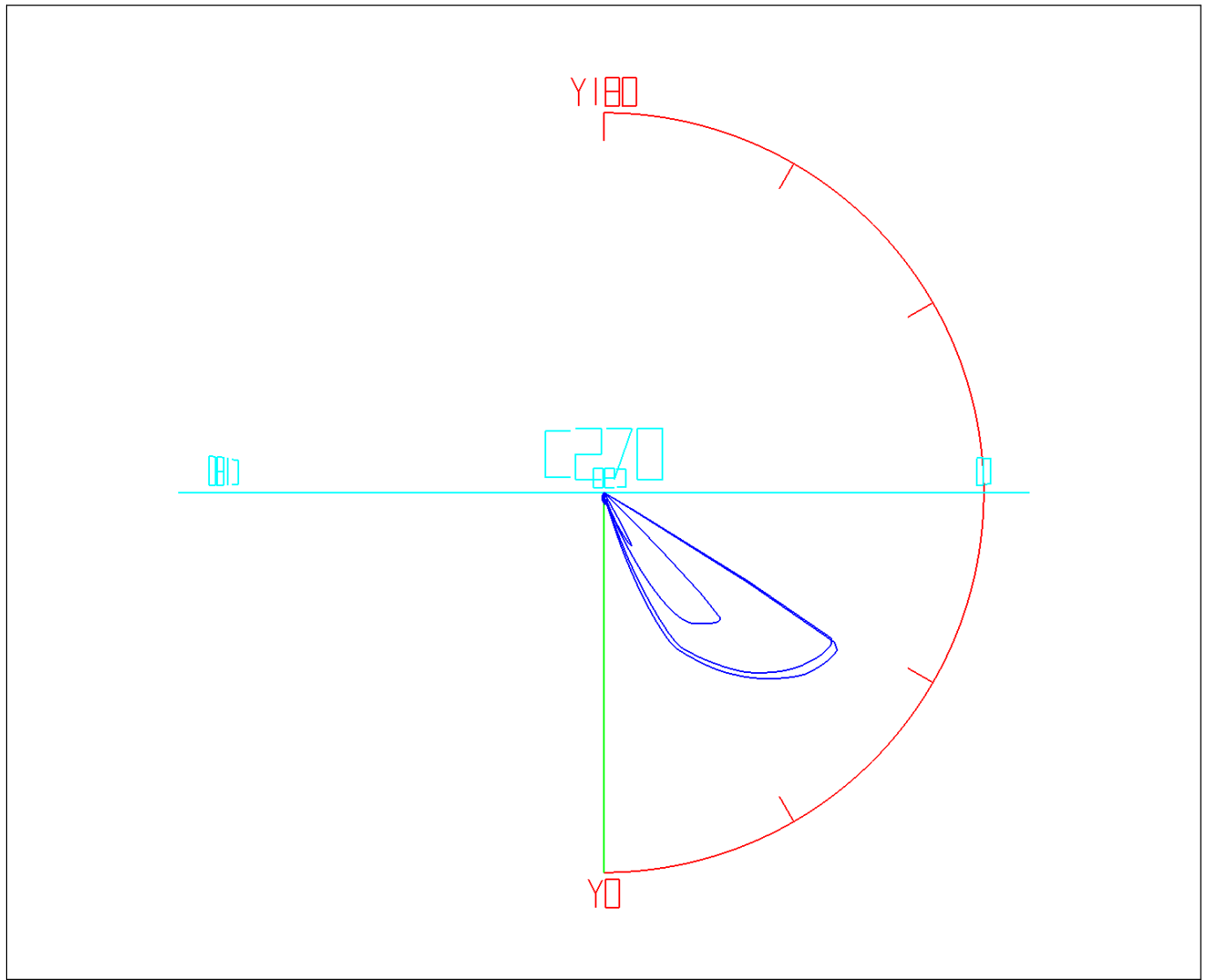
IES Indoor Report

Photometric Filename:LPA101 (SQ) 2W.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: 2023/09/25

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:LPA101 (SQ) 2W.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	0.00	0.00	0.01	0.01	47.0-48.0	1.57	26.90	3.69	63.26
1.0-2.0	0.01	0.01	0.02	0.03	48.0-49.0	1.43	28.32	3.35	66.61
2.0-3.0	0.02	0.03	0.04	0.06	49.0-50.0	1.27	29.59	2.99	69.60
3.0-4.0	0.02	0.05	0.05	0.11	50.0-51.0	1.20	30.79	2.82	72.42
4.0-5.0	0.03	0.08	0.06	0.18	51.0-52.0	1.19	31.99	2.81	75.23
5.0-6.0	0.03	0.11	0.08	0.26	52.0-53.0	1.21	33.20	2.85	78.08
6.0-7.0	0.04	0.15	0.09	0.35	53.0-54.0	1.24	34.44	2.91	80.99
7.0-8.0	0.04	0.19	0.10	0.45	54.0-55.0	1.26	35.69	2.96	83.94
8.0-9.0	0.05	0.24	0.12	0.57	55.0-56.0	1.28	36.97	3.00	86.94
9.0-10.0	0.06	0.30	0.13	0.70	56.0-57.0	1.29	38.26	3.03	89.97
10.0-11.0	0.06	0.36	0.14	0.84	57.0-58.0	1.17	39.43	2.75	92.72
11.0-12.0	0.06	0.42	0.15	0.99	58.0-59.0	0.89	40.31	2.09	94.81
12.0-13.0	0.07	0.49	0.16	1.16	59.0-60.0	0.69	41.00	1.62	96.43
13.0-14.0	0.07	0.56	0.17	1.33	60.0-61.0	0.65	41.66	1.54	97.97
14.0-15.0	0.08	0.64	0.18	1.51	61.0-62.0	0.54	42.20	1.28	99.25
15.0-16.0	0.08	0.73	0.20	1.71	62.0-63.0	0.27	42.47	0.63	99.88
16.0-17.0	0.10	0.82	0.23	1.94	63.0-64.0	0.05	42.52	0.12	100.00
17.0-18.0	0.12	0.94	0.27	2.21	64.0-65.0	0.00	42.52	0.01	100.01
18.0-19.0	0.14	1.08	0.33	2.54	65.0-66.0	0.00	42.52	0.00	100.01
19.0-20.0	0.16	1.24	0.39	2.93	66.0-67.0	0.00	42.52	0.00	100.01
20.0-21.0	0.20	1.44	0.47	3.40	67.0-68.0	0.00	42.52	0.00	100.01
21.0-22.0	0.24	1.69	0.57	3.97	68.0-69.0	0.00	42.52	0.00	100.01
22.0-23.0	0.29	1.98	0.69	4.65	69.0-70.0	0.00	42.52	0.00	100.01
23.0-24.0	0.34	2.32	0.81	5.46	70.0-71.0	0.00	42.52	0.00	100.01
24.0-25.0	0.39	2.72	0.93	6.39	71.0-72.0	0.00	42.52	0.00	100.01
25.0-26.0	0.45	3.16	1.05	7.44	72.0-73.0	0.00	42.52	0.00	100.01
26.0-27.0	0.50	3.66	1.18	8.61	73.0-74.0	0.00	42.52	0.00	100.01
27.0-28.0	0.56	4.22	1.31	9.92	74.0-75.0	0.00	42.52	0.00	100.01
28.0-29.0	0.62	4.84	1.45	11.37	75.0-76.0	0.00	42.52	0.00	100.01
29.0-30.0	0.67	5.51	1.58	12.95	76.0-77.0	0.00	42.52	0.00	100.01
30.0-31.0	0.72	6.23	1.70	14.65	77.0-78.0	0.00	42.52	0.00	100.01
31.0-32.0	0.77	7.00	1.82	16.47	78.0-79.0	0.00	42.52	0.00	100.01
32.0-33.0	0.83	7.83	1.94	18.41	79.0-80.0	0.00	42.52	0.00	100.01
33.0-34.0	0.88	8.71	2.07	20.48	80.0-81.0	0.00	42.52	0.00	100.01
34.0-35.0	0.94	9.64	2.20	22.68	81.0-82.0	0.00	42.52	0.00	100.01
35.0-36.0	0.99	10.64	2.33	25.01	82.0-83.0	0.00	42.52	0.00	100.01
36.0-37.0	1.05	11.68	2.47	27.48	83.0-84.0	0.00	42.52	0.00	100.01
37.0-38.0	1.11	12.79	2.60	30.08	84.0-85.0	0.00	42.52	0.00	100.01
38.0-39.0	1.16	13.96	2.74	32.82	85.0-86.0	0.00	42.52	0.00	100.01
39.0-40.0	1.22	15.18	2.87	35.69	86.0-87.0	0.00	42.52	0.00	100.01
40.0-41.0	1.28	16.46	3.01	38.70	87.0-88.0	0.00	42.52	0.00	100.01
41.0-42.0	1.34	17.79	3.15	41.85	88.0-89.0	0.00	42.52	0.00	100.01
42.0-43.0	1.40	19.19	3.29	45.14	89.0-90.0	0.00	42.52	0.00	100.01
43.0-44.0	1.45	20.65	3.42	48.56	90.0-91.0	0.00	42.52	0.00	100.01
44.0-45.0	1.51	22.16	3.56	52.11	91.0-92.0	0.00	42.52	0.00	100.01
45.0-46.0	1.57	23.73	3.68	55.80	92.0-93.0	0.00	42.52	0.00	100.01
46.0-47.0	1.60	25.33	3.77	59.57	93.0-94.0	0.00	42.52	0.00	100.01

IES Indoor Report

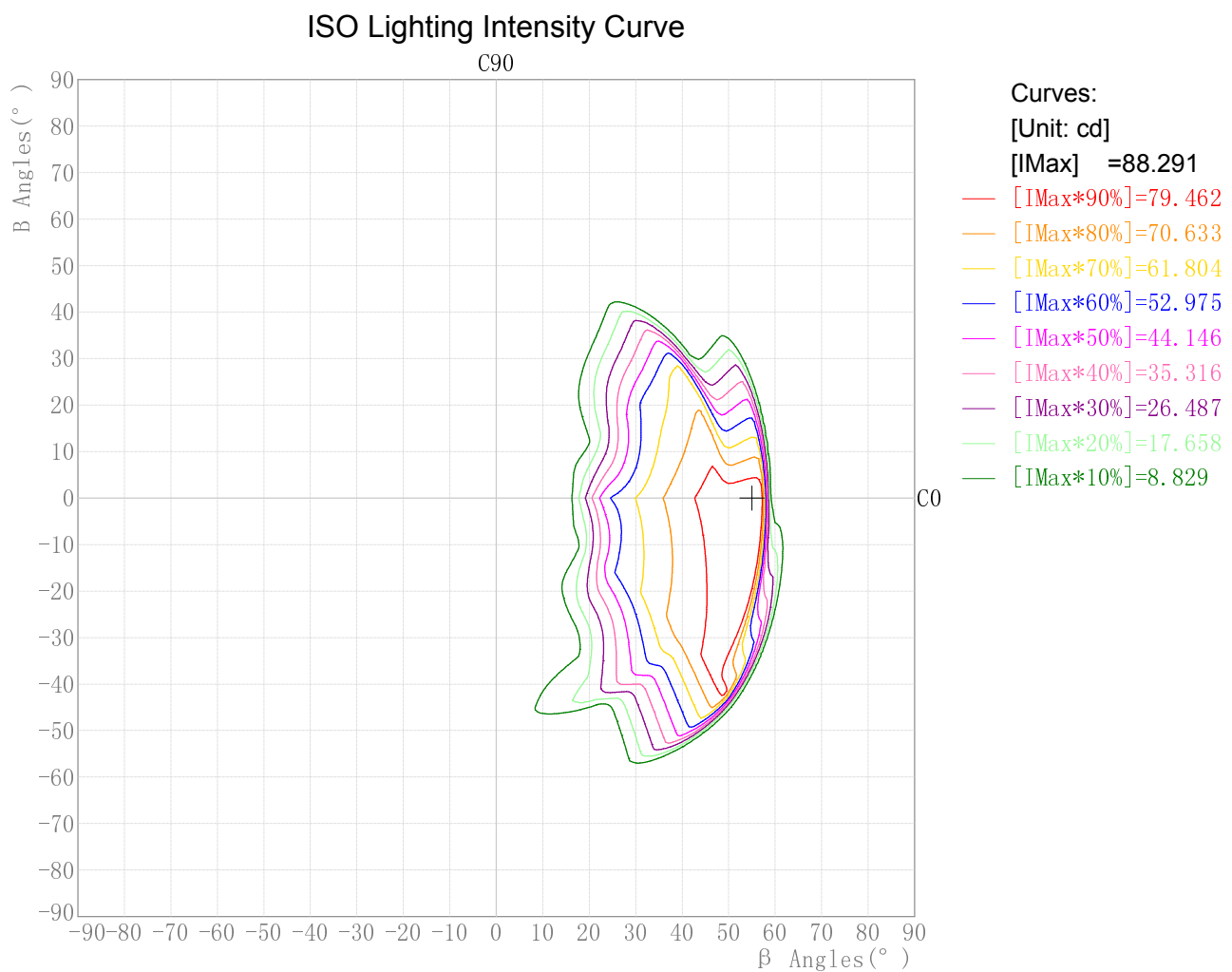
Photometric Filename:LPA101 (SQ) 2W.IES

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	42.52	0.00	100.01	141.0-142.0	0.00	42.52	0.00	100.01
95.0-96.0	0.00	42.52	0.00	100.01	142.0-143.0	0.00	42.52	0.00	100.01
96.0-97.0	0.00	42.52	0.00	100.01	143.0-144.0	0.00	42.52	0.00	100.01
97.0-98.0	0.00	42.52	0.00	100.01	144.0-145.0	0.00	42.52	0.00	100.01
98.0-99.0	0.00	42.52	0.00	100.01	145.0-146.0	0.00	42.52	0.00	100.01
99.0-100.0	0.00	42.52	0.00	100.01	146.0-147.0	0.00	42.52	0.00	100.01
100.0-101.0	0.00	42.52	0.00	100.01	147.0-148.0	0.00	42.52	0.00	100.01
101.0-102.0	0.00	42.52	0.00	100.01	148.0-149.0	0.00	42.52	0.00	100.01
102.0-103.0	0.00	42.52	0.00	100.01	149.0-150.0	0.00	42.52	0.00	100.01
103.0-104.0	0.00	42.52	0.00	100.01	150.0-151.0	0.00	42.52	0.00	100.01
104.0-105.0	0.00	42.52	0.00	100.01	151.0-152.0	0.00	42.52	0.00	100.01
105.0-106.0	0.00	42.52	0.00	100.01	152.0-153.0	0.00	42.52	0.00	100.01
106.0-107.0	0.00	42.52	0.00	100.01	153.0-154.0	0.00	42.52	0.00	100.01
107.0-108.0	0.00	42.52	0.00	100.01	154.0-155.0	0.00	42.52	0.00	100.01
108.0-109.0	0.00	42.52	0.00	100.01	155.0-156.0	0.00	42.52	0.00	100.01
109.0-110.0	0.00	42.52	0.00	100.01	156.0-157.0	0.00	42.52	0.00	100.01
110.0-111.0	0.00	42.52	0.00	100.01	157.0-158.0	0.00	42.52	0.00	100.01
111.0-112.0	0.00	42.52	0.00	100.01	158.0-159.0	0.00	42.52	0.00	100.01
112.0-113.0	0.00	42.52	0.00	100.01	159.0-160.0	0.00	42.52	0.00	100.01
113.0-114.0	0.00	42.52	0.00	100.01	160.0-161.0	0.00	42.52	0.00	100.01
114.0-115.0	0.00	42.52	0.00	100.01	161.0-162.0	0.00	42.52	0.00	100.01
115.0-116.0	0.00	42.52	0.00	100.01	162.0-163.0	0.00	42.52	0.00	100.01
116.0-117.0	0.00	42.52	0.00	100.01	163.0-164.0	0.00	42.52	0.00	100.01
117.0-118.0	0.00	42.52	0.00	100.01	164.0-165.0	0.00	42.52	0.00	100.01
118.0-119.0	0.00	42.52	0.00	100.01	165.0-166.0	0.00	42.52	0.00	100.01
119.0-120.0	0.00	42.52	0.00	100.01	166.0-167.0	0.00	42.52	0.00	100.01
120.0-121.0	0.00	42.52	0.00	100.01	167.0-168.0	0.00	42.52	0.00	100.01
121.0-122.0	0.00	42.52	0.00	100.01	168.0-169.0	0.00	42.52	0.00	100.01
122.0-123.0	0.00	42.52	0.00	100.01	169.0-170.0	0.00	42.52	0.00	100.01
123.0-124.0	0.00	42.52	0.00	100.01	170.0-171.0	0.00	42.52	0.00	100.01
124.0-125.0	0.00	42.52	0.00	100.01	171.0-172.0	0.00	42.52	0.00	100.01
125.0-126.0	0.00	42.52	0.00	100.01	172.0-173.0	0.00	42.52	0.00	100.01
126.0-127.0	0.00	42.52	0.00	100.01	173.0-174.0	0.00	42.52	0.00	100.01
127.0-128.0	0.00	42.52	0.00	100.01	174.0-175.0	0.00	42.52	0.00	100.01
128.0-129.0	0.00	42.52	0.00	100.01	175.0-176.0	0.00	42.52	0.00	100.01
129.0-130.0	0.00	42.52	0.00	100.01	176.0-177.0	0.00	42.52	0.00	100.01
130.0-131.0	0.00	42.52	0.00	100.01	177.0-178.0	0.00	42.52	0.00	100.01
131.0-132.0	0.00	42.52	0.00	100.01	178.0-179.0	0.00	42.52	0.00	100.01
132.0-133.0	0.00	42.52	0.00	100.01	179.0-180.0	0.00	42.52	0.00	100.01
133.0-134.0	0.00	42.52	0.00	100.01					
134.0-135.0	0.00	42.52	0.00	100.01					
135.0-136.0	0.00	42.52	0.00	100.01					
136.0-137.0	0.00	42.52	0.00	100.01					
137.0-138.0	0.00	42.52	0.00	100.01					
138.0-139.0	0.00	42.52	0.00	100.01					
139.0-140.0	0.00	42.52	0.00	100.01					
140.0-141.0	0.00	42.52	0.00	100.01					

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: 2023/09/25

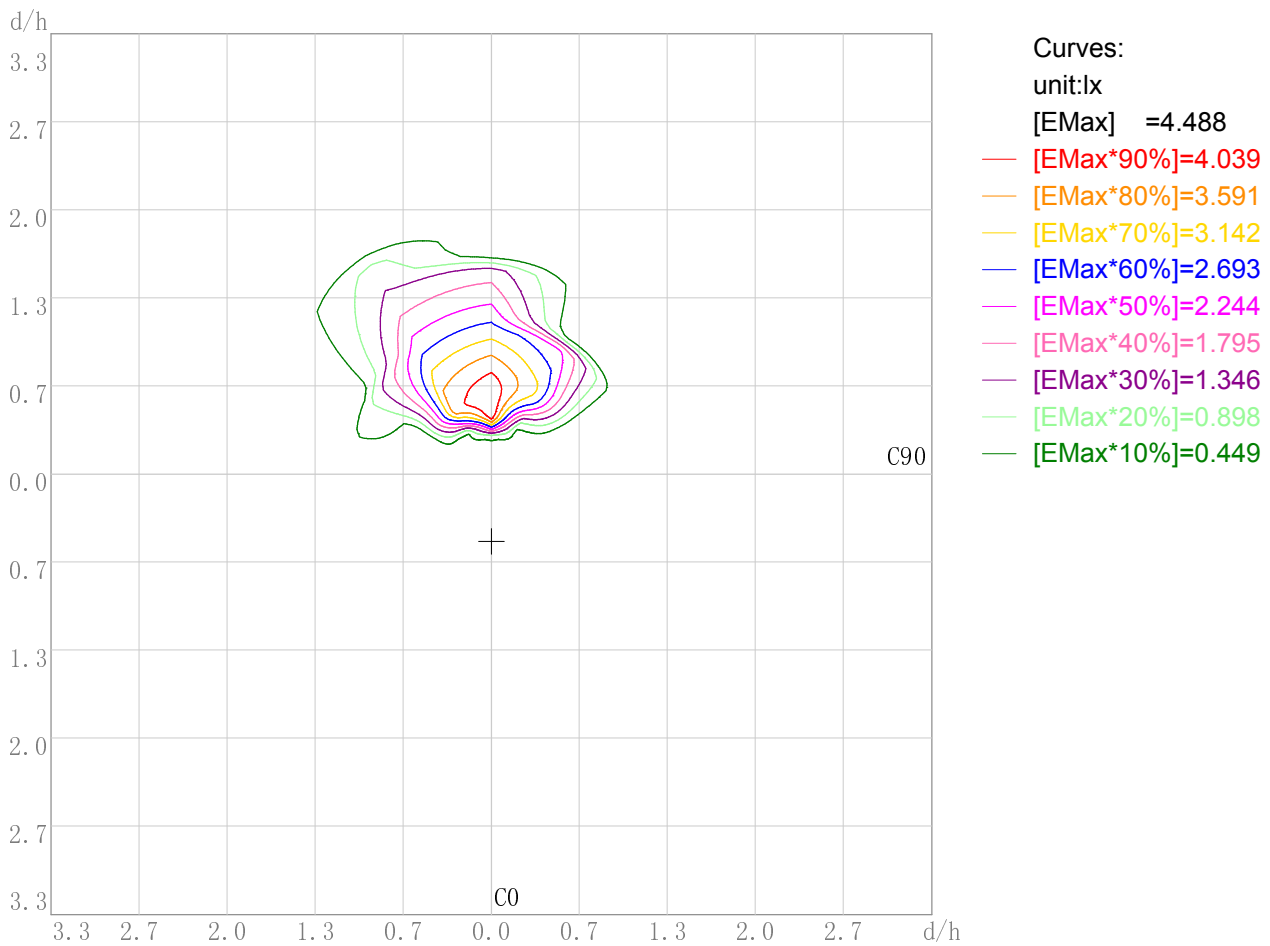


Maximum Light Intensity(cd): 88.29
Maximum Cand.@Angle: H=55.0°,V=0.0°

Plane ISO-Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/09/25

Plane ISO-Illuminance Curve

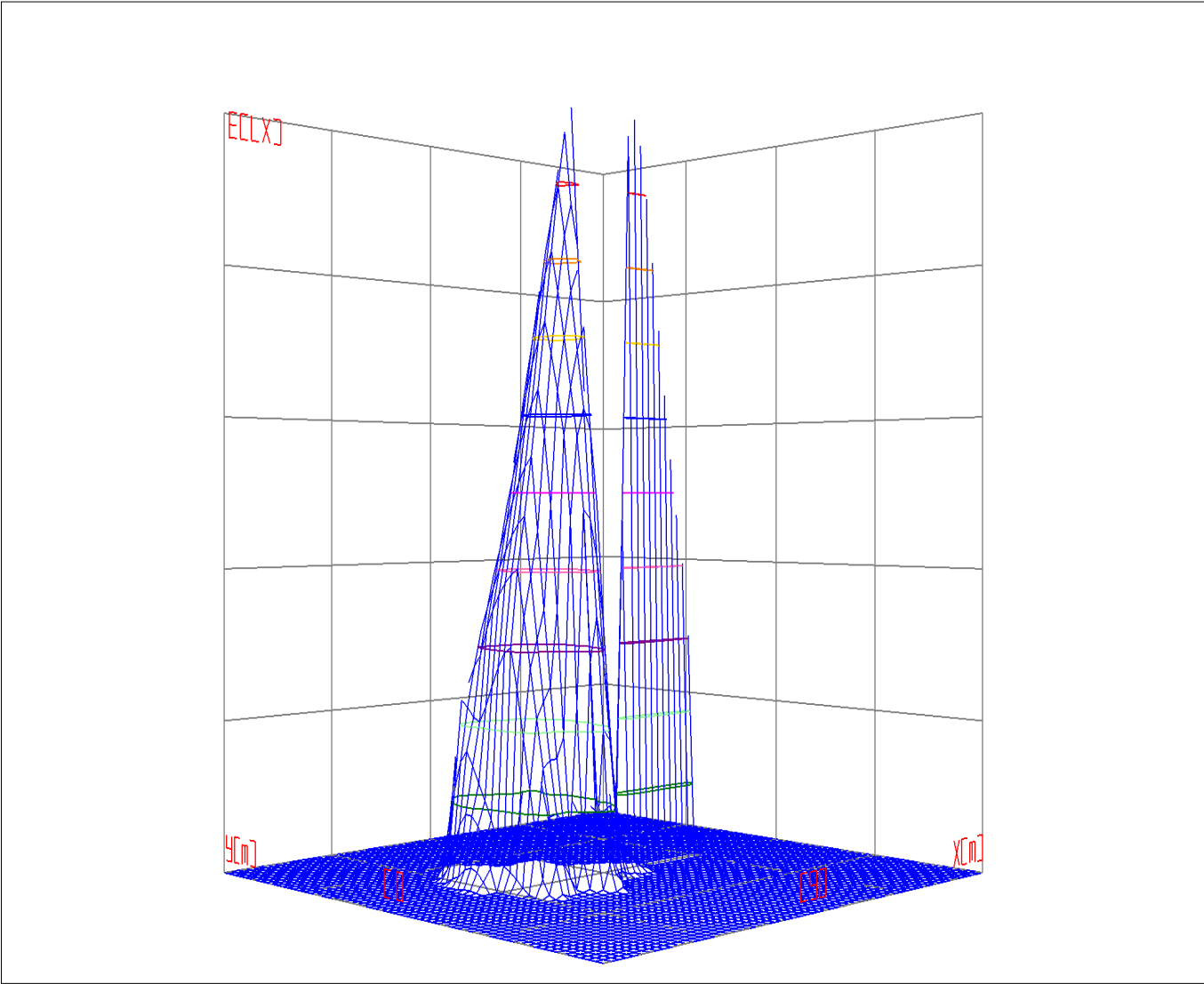


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 4.49
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.5

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: 2023/09/25

3D Plane Illuminance Modal

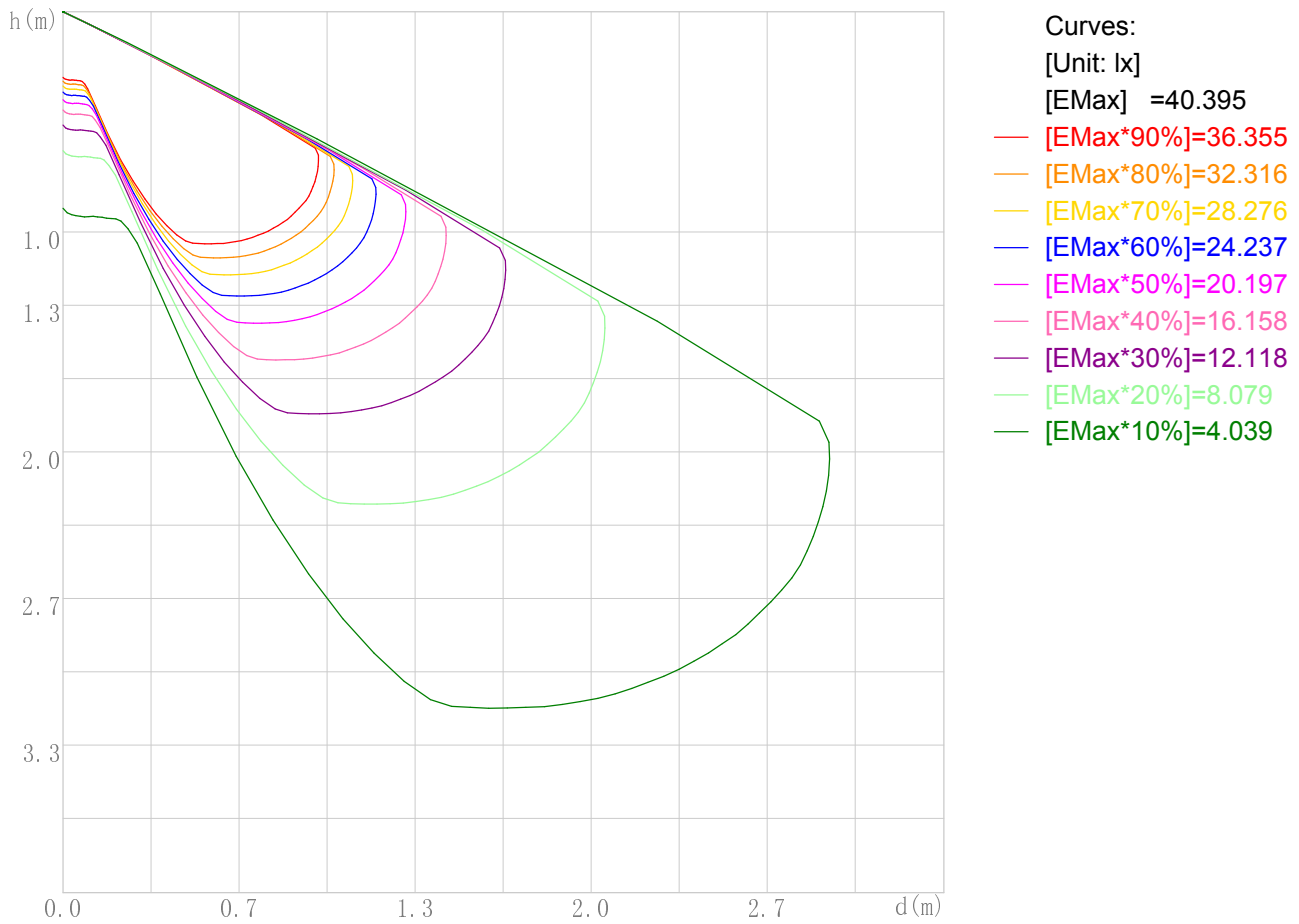


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/09/25

Space ISO Illuminance Curve

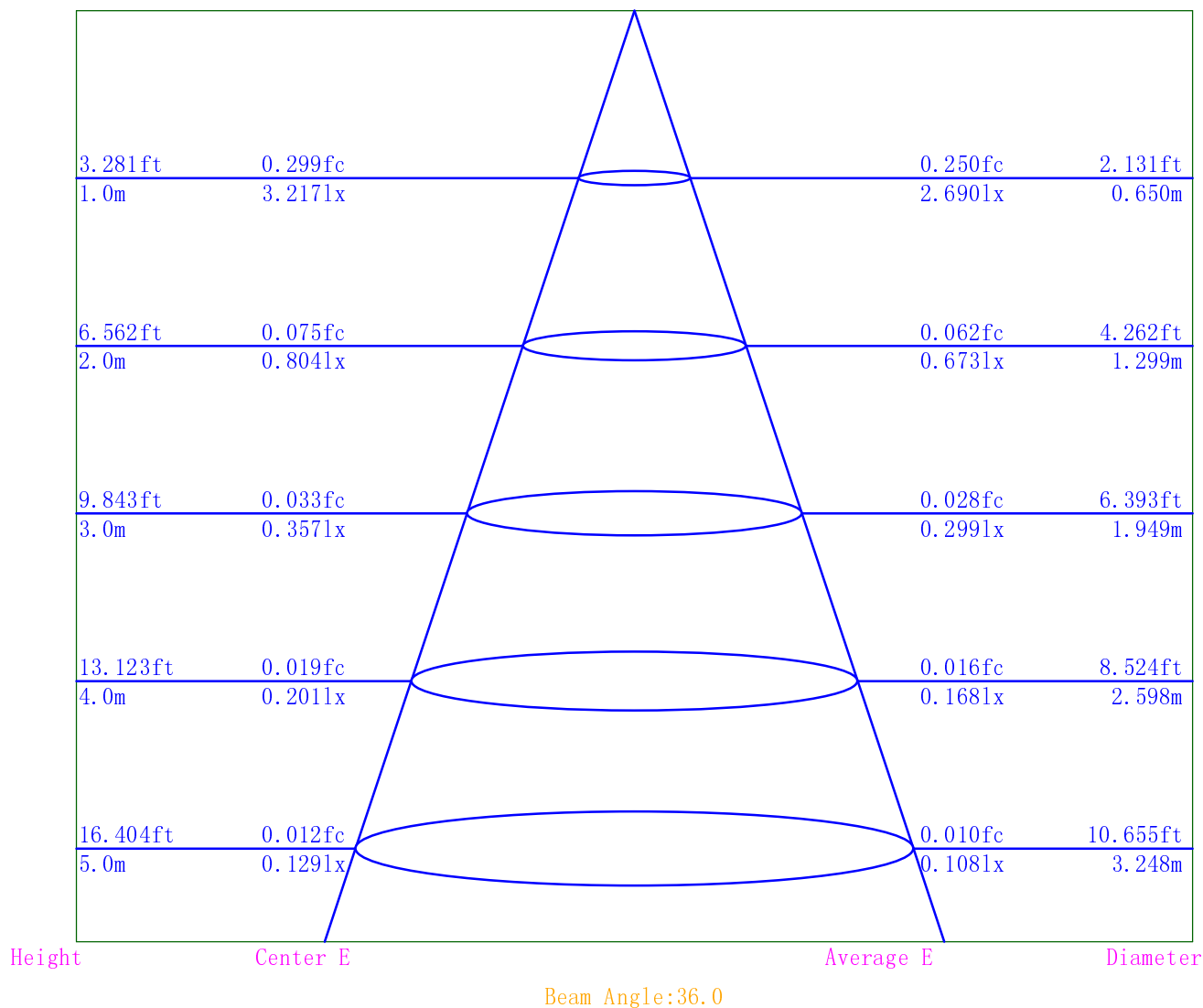


Space Plane Maximum Illuminance and @Angle:40.39lx,27.0deg
 Plane Maximum Lighting Intensity and @Angle:88.291cd,0deg

Illuminance-Distance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/09/25

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: 2023/09/25

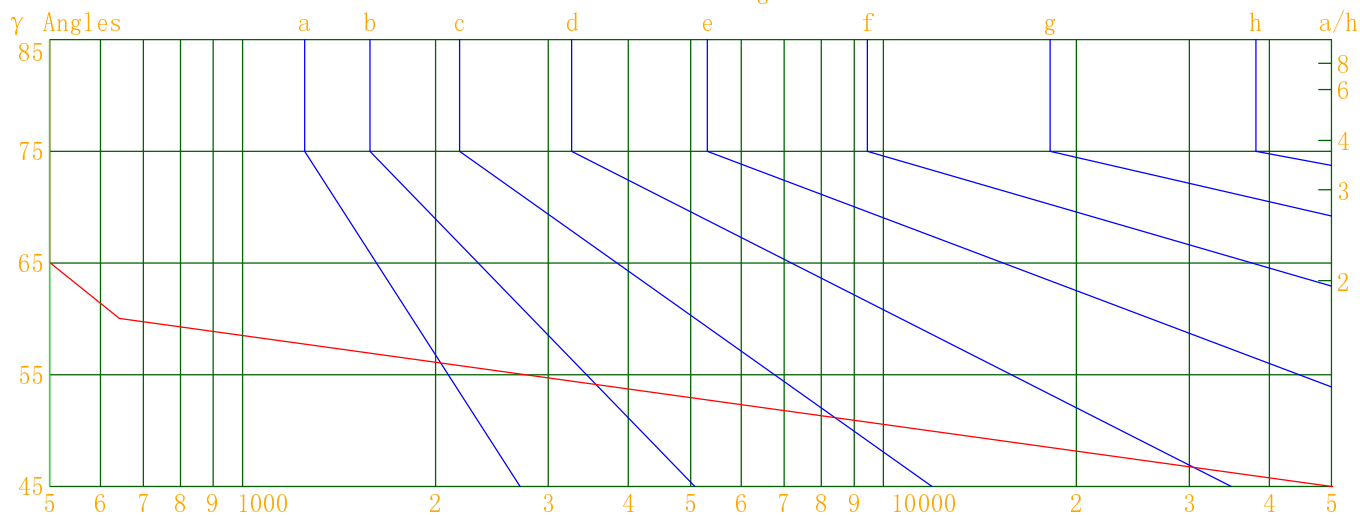
Glare Grade Table

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	59073	68388	78396	643	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

Luminance Limiting Curve



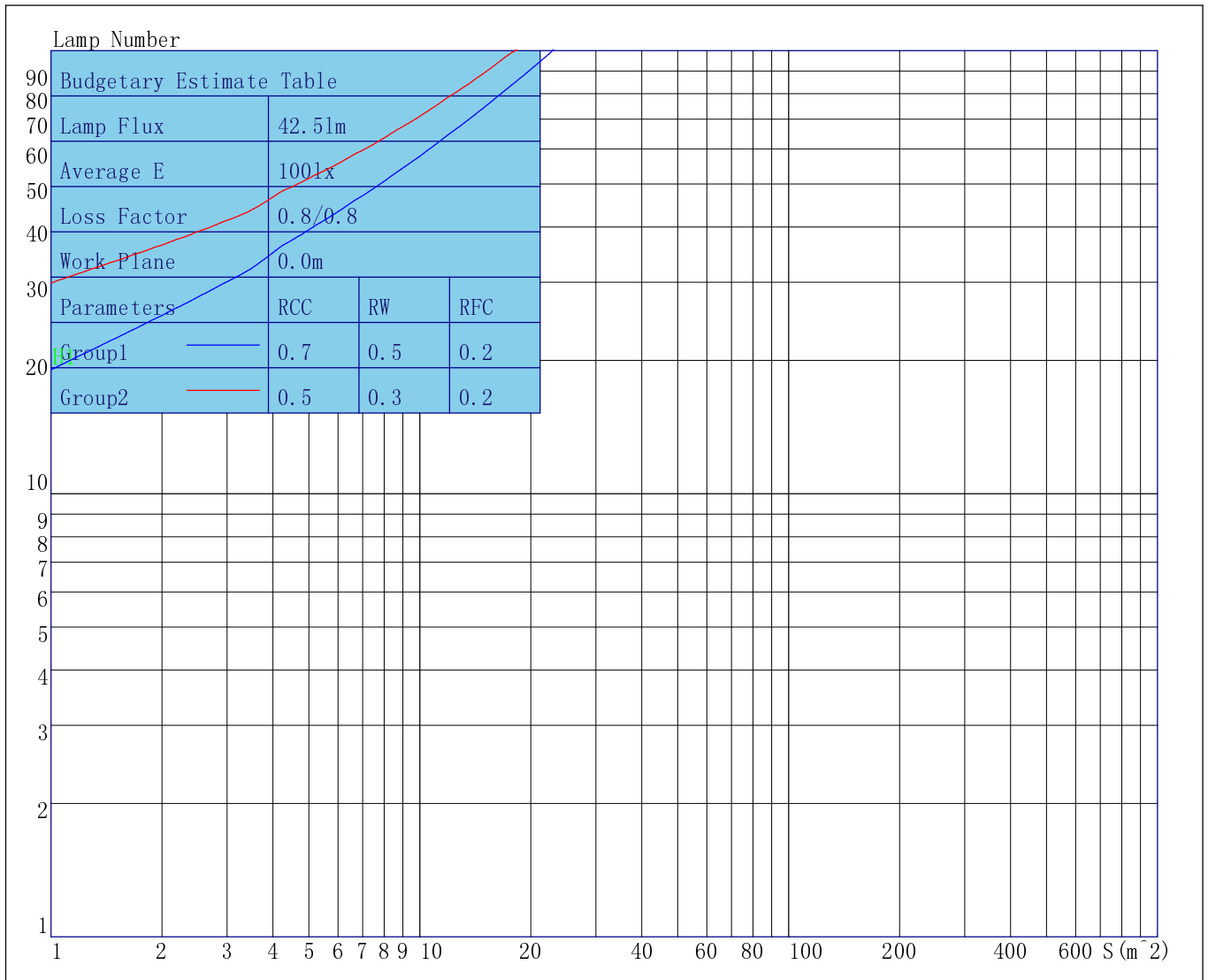
Luminous Size: Length(m)=-0.050 Width(m)=-0.050 Height(m)=0.000 Area(m²)=0.001963
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:LPA101 (SQ) 2W.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: 2023/09/25



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:LPA101 (SQ) 2W.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: 2023/09/25

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	110	106	103	99	108	104	101	98	100	97	95	96	94	92	93	91	89	87			
2	101	93	87	82	98	91	86	81	88	83	79	85	81	77	82	79	76	74			
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	61			
4	83	71	63	56	81	70	62	56	67	60	55	65	59	54	63	58	53	51			
5	75	62	53	47	73	61	53	46	59	52	46	57	51	45	55	49	45	43			
6	69	55	46	39	67	54	45	39	52	44	39	50	43	38	49	43	38	36			
7	63	49	39	33	61	48	39	33	46	38	33	45	38	32	43	37	32	30			
8	57	43	34	28	56	42	34	28	41	33	28	40	33	28	39	32	27	25			
9	53	39	30	24	51	38	30	24	37	29	24	36	29	24	35	28	24	22			
10	49	35	26	21	47	34	26	21	33	26	21	32	25	21	31	25	20	19			

IES Indoor Report

Photometric Filename:LPA101 (SQ) 2W.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: 2023/09/25

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	31.5	33.4	31.8	33.7	34.0	13.5	15.5	13.9	15.8	16.1
Y=3H	31.3	33.1	31.7	33.4	33.8	13.4	15.2	13.8	15.5	15.9
Y=4H	31.3	33.0	31.6	33.3	33.7	13.3	15.0	13.7	15.4	15.7
Y=6H	31.2	32.8	31.6	33.1	33.5	13.3	14.9	13.7	15.2	15.6
Y=8H	31.1	32.7	31.6	33.1	33.5	13.2	14.8	13.6	15.2	15.6
Y=12H	31.1	32.6	31.5	33.0	33.4	13.2	14.7	13.6	15.1	15.5
X=4H Y=2H	31.4	33.1	31.8	33.4	33.8	13.5	15.2	13.9	15.6	15.9
Y=3H	31.2	32.7	31.6	33.1	33.5	13.4	14.9	13.8	15.3	15.7
Y=4H	31.1	32.6	31.6	33.0	33.4	13.3	14.7	13.7	15.1	15.5
Y=6H	31.1	32.4	31.5	32.8	33.2	13.2	14.5	13.6	14.9	15.4
Y=8H	31.0	32.3	31.4	32.7	33.2	13.1	14.4	13.6	14.8	15.3
Y=12H	31.0	32.2	31.4	32.6	33.1	13.1	14.3	13.6	14.8	15.2
X=8H Y=4H	31.0	32.3	31.4	32.7	33.2	13.1	14.4	13.6	14.8	15.3
Y=6H	30.9	32.1	31.3	32.5	33.2	13.0	14.2	13.5	14.6	15.3
Y=8H	30.8	31.9	31.3	32.4	32.9	12.9	14.0	13.4	14.5	15.0
Y=12H	30.8	31.8	31.2	32.3	32.8	12.9	13.9	13.4	14.4	14.9
X=12H Y=4H	31.0	32.2	31.4	32.6	33.1	13.1	14.3	13.6	14.8	15.2
Y=6H	30.8	32.0	31.3	32.4	32.9	13.0	14.1	13.5	14.5	15.0
Y=8H	30.8	31.8	31.2	32.3	32.8	12.9	13.9	13.4	14.4	14.9
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	14.4/0.0					0.0/0.0				
Reduced UGR Table:										
Nordic Standard Table:	BKO					BKO				
Correction Value	0.1					0.1				

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

IES Indoor Report

Photometric Filename:LPA101 (SQ) 2W.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	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22
γ 1.0	3.37	3.35	3.27	3.18	3.09	3.02	3.24	3.22	3.20	3.18	3.16	3.15
γ 2.0	3.44	3.39	3.30	3.18	3.06	2.95	3.16	3.15	3.16	3.16	3.19	3.21
γ 3.0	3.48	3.42	3.33	3.17	3.00	2.86	3.09	3.09	3.16	3.19	3.24	3.27
γ 4.0	3.51	3.47	3.35	3.16	2.94	2.77	3.01	3.04	3.12	3.21	3.29	3.33
γ 5.0	3.55	3.50	3.38	3.14	2.88	2.68	2.93	2.98	3.09	3.22	3.31	3.38
γ 6.0	3.56	3.52	3.39	3.12	2.81	2.58	2.83	2.90	3.06	3.22	3.34	3.43
γ 7.0	3.57	3.54	3.39	3.07	2.72	2.48	2.74	2.83	3.02	3.24	3.35	3.46
γ 8.0	3.61	3.55	3.40	3.02	2.64	2.40	2.65	2.75	2.99	3.23	3.38	3.48
γ 9.0	3.65	3.56	3.40	2.97	2.56	2.29	2.55	2.66	2.93	3.23	3.41	3.50
γ 10.0	3.71	3.58	3.37	2.90	2.47	2.19	2.44	2.58	2.90	3.21	3.41	3.51
γ 11.0	3.77	3.60	3.36	2.81	2.37	2.05	2.32	2.51	2.83	3.20	3.42	3.50
γ 12.0	3.82	3.61	3.31	2.70	2.27	1.96	2.21	2.40	2.79	3.18	3.42	3.54
γ 13.0	3.95	3.62	3.24	2.57	2.14	1.81	2.10	2.31	2.70	3.15	3.40	3.58
γ 14.0	4.30	3.63	3.15	2.43	2.03	1.69	2.01	2.19	2.61	3.11	3.39	3.62
γ 15.0	4.95	3.65	3.05	2.26	1.87	1.57	1.86	2.09	2.51	3.06	3.38	3.68
γ 16.0	7.48	3.65	2.91	2.07	1.72	1.44	1.74	1.96	2.39	2.97	3.37	3.76
γ 17.0	12.69	3.65	2.73	1.85	1.60	1.36	1.60	1.85	2.23	2.88	3.35	3.88
γ 18.0	19.13	3.69	2.54	1.61	1.43	1.27	1.45	1.73	2.09	2.76	3.33	4.06
γ 19.0	25.45	3.83	2.32	1.37	1.26	1.19	1.37	1.60	1.94	2.60	3.33	4.38
γ 20.0	31.73	4.06	2.07	1.15	1.10	1.11	1.30	1.46	1.75	2.42	3.33	6.02
γ 21.0	37.72	4.63	1.79	0.91	0.92	1.02	1.21	1.33	1.58	2.21	3.32	10.32
γ 22.0	43.01	5.77	1.52	0.69	0.74	0.96	1.13	1.18	1.38	2.00	3.27	16.05
γ 23.0	47.89	7.67	1.26	0.47	0.57	0.87	1.05	1.06	1.17	1.75	3.21	22.06
γ 24.0	51.68	10.13	1.01	0.27	0.41	0.78	0.97	0.92	0.97	1.50	3.14	27.65
γ 25.0	53.98	13.24	0.77	0.10	0.28	0.71	0.91	0.82	0.76	1.25	3.06	32.90
γ 26.0	55.52	16.89	0.55	0.00	0.13	0.62	0.83	0.72	0.57	1.01	2.95	38.19
γ 27.0	57.11	20.92	0.34	0.00	0.00	0.56	0.76	0.61	0.38	0.77	2.84	43.23
γ 28.0	58.63	25.26	0.17	0.00	0.00	0.48	0.70	0.51	0.20	0.56	2.73	47.68
γ 29.0	60.24	29.44	0.03	0.00	0.00	0.41	0.62	0.38	0.03	0.35	2.61	51.19
γ 30.0	61.90	33.48	0.00	0.00	0.00	0.32	0.55	0.29	0.00	0.17	2.50	53.34
γ 31.0	63.44	37.45	0.00	0.00	0.00	0.23	0.49	0.19	0.00	0.01	2.43	54.61
γ 32.0	64.98	41.29	0.00	0.00	0.00	0.13	0.41	0.09	0.00	0.00	2.44	55.80
γ 33.0	66.54	44.78	0.00	0.00	0.00	0.03	0.31	0.00	0.00	0.00	2.62	57.25
γ 34.0	68.04	47.82	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	3.16	58.57
γ 35.0	69.40	50.24	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	4.15	59.87
γ 36.0	70.75	52.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.53	61.15
γ 37.0	72.21	54.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.26	62.49
γ 38.0	73.55	55.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.13	63.80
γ 39.0	74.84	56.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.12	65.16
γ 40.0	76.15	57.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.03	66.46
γ 41.0	77.39	58.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.94	67.71
γ 42.0	78.70	59.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.80	69.05
γ 43.0	79.81	60.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.52	70.18
γ 44.0	80.87	61.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.16	71.22
γ 45.0	82.02	62.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.69	72.23
γ 46.0	83.13	63.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.97	73.23

