

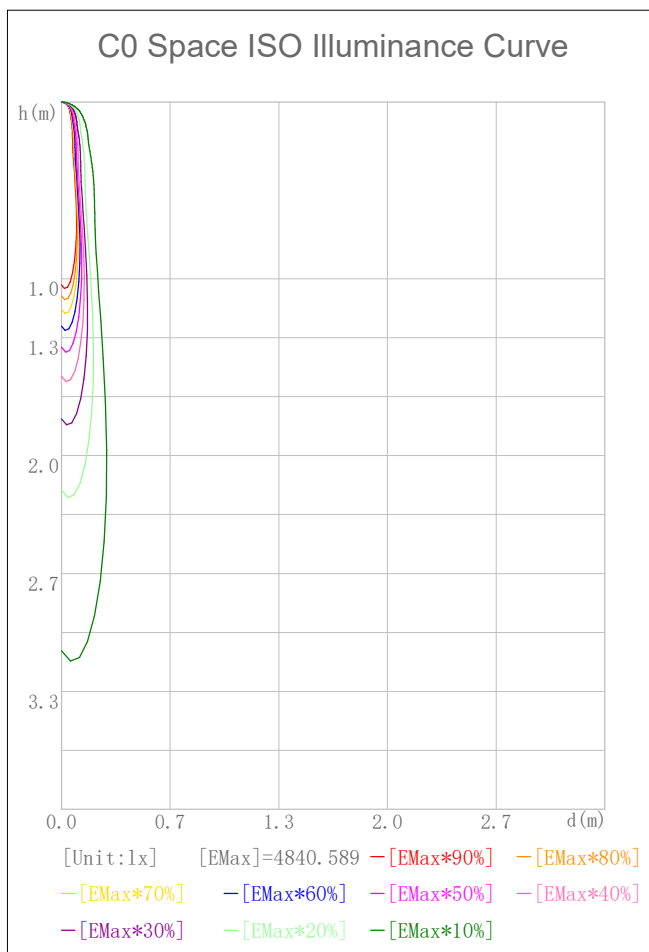
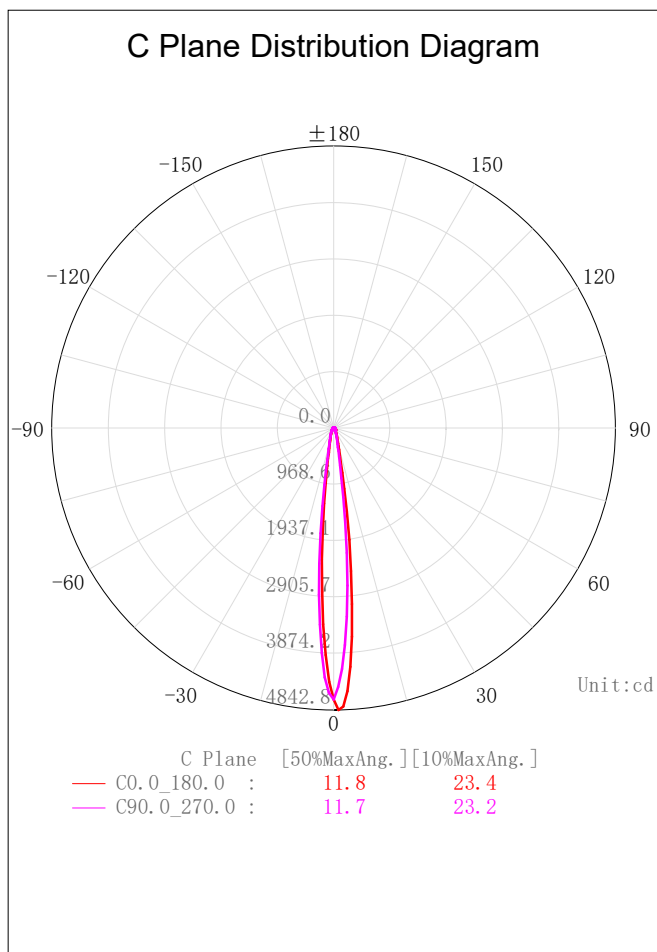
**Indoor Luminaire Photometric Data**

**Description Information**

Luminary Name: LED Lamp	Lum. Catalog:	Test ID: t001
Lamp Name: led	Lamp Catalog: LED	Test Date: 2023/12/30
Manufacture:	Shld. Ang(°):	Test Machine:GON-2000
Test Lab: volnic	Frequency(Hz):	Lamp CCT(K): Ra:
Lum. Size (W*L*H):0.044m*0.044m*0.000m	Lum. Area (m2):0.002	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25
		Humidity(%): 60.0

**Character Parameter**

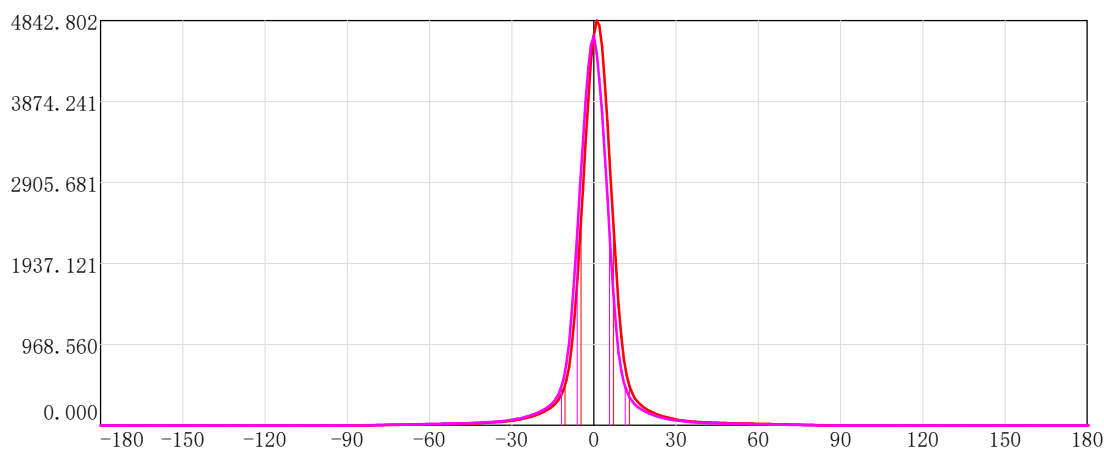
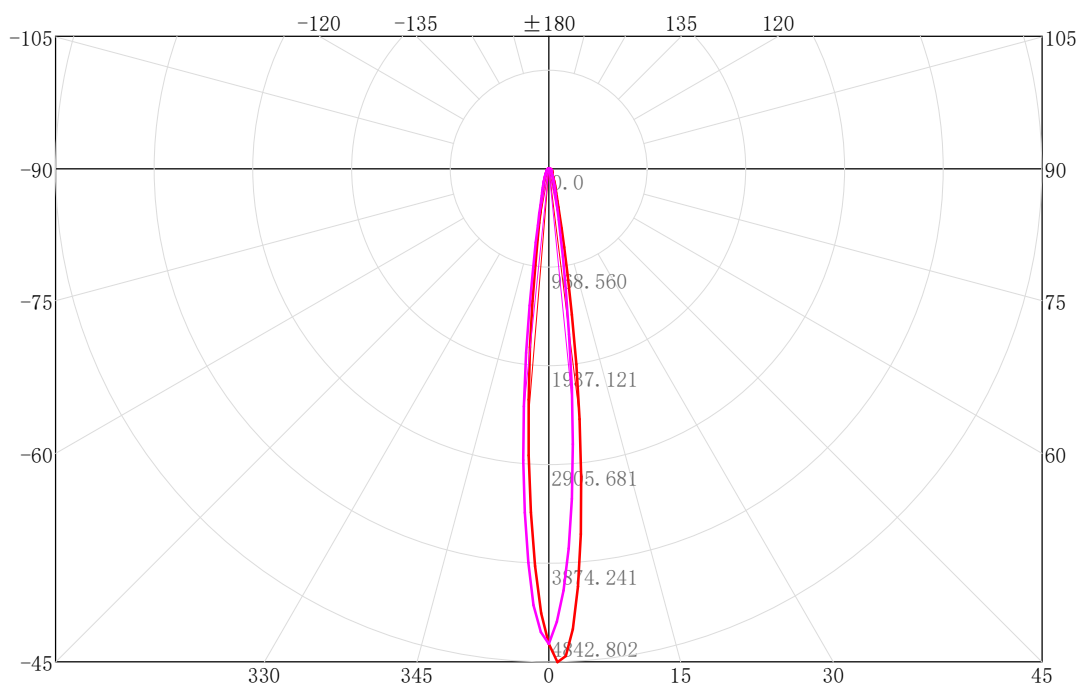
Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 350.000	Luminary Flux(lm): 422.394	Field Angle(10%Imax): 23.4(°)	
Rated Power(W):	Luminary Efficiency: 120.68%	Down Lumens&Percent: 422.301lm 99.98%	
Rated Voltage(V):	Luminary EER(lm/W): 68.816	Up Lumens&Percent: 0.0931m 0.02%	
Tested Power(W): 6.138	Max. Candela(cd): 4842.802	S/MH: C0_a180=0.211 C90_270=0.203	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):219.5, 0.037, 0.753	Beam Angle(50%Imax): 11.8(°)	ErP Φuse(90°): 354.346lm	
Lamp Size(W*L*H):0.044m*0.044m*0.000m	Left=-4.7°, Right=7.1°	IRF(%): 2406.342	



### 2D Plane Light Intensity Distribution Curve

Lum. Name: LED Lamp	Lum. Catalog:	Test ID: t001
Lamp Name: led	Lamp Catalog: LED	Test Lab: volnic
Manufacture:	Test Machine:GON-2000	Test Date: 2023/12/30

C Plane Distribution Diagram



	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
—	C0.0_180.0 :	11.8	23.4	
—	C90.0_270.0 :	11.7	23.2	

### 3D Light Intensity Distribution Modal

Lum. Name: LED Lamp	Lum. Catalog:	Test ID: t001
Lamp Name: led	Lamp Catalog: LED	Test Lab: volnic
Manufacture:	Test Machine:GON-2000	Test Date: 2023/12/30

### 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:1126.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	4.41	4.41	1.26	1.26	47.0-48.0	2.09	376.21	0.60	107.49
1.0-2.0	12.67	17.08	3.62	4.88	48.0-49.0	2.05	378.26	0.58	108.07
2.0-3.0	19.50	36.58	5.57	10.45	49.0-50.0	2.00	380.26	0.57	108.65
3.0-4.0	24.32	60.91	6.95	17.40	50.0-51.0	1.96	382.22	0.56	109.21
4.0-5.0	26.91	87.82	7.69	25.09	51.0-52.0	1.92	384.15	0.55	109.76
5.0-6.0	27.28	115.10	7.79	32.89	52.0-53.0	1.88	386.03	0.54	110.29
6.0-7.0	25.68	140.78	7.34	40.22	53.0-54.0	1.85	387.88	0.53	110.82
7.0-8.0	22.70	163.48	6.49	46.71	54.0-55.0	1.81	389.69	0.52	111.34
8.0-9.0	19.18	182.67	5.48	52.19	55.0-56.0	1.78	391.47	0.51	111.85
9.0-10.0	15.87	198.54	4.54	56.73	56.0-57.0	1.74	393.21	0.50	112.35
10.0-11.0	13.19	211.73	3.77	60.50	57.0-58.0	1.71	394.92	0.49	112.84
11.0-12.0	11.19	222.93	3.20	63.69	58.0-59.0	1.67	396.60	0.48	113.31
12.0-13.0	9.78	232.71	2.79	66.49	59.0-60.0	1.64	398.24	0.47	113.78
13.0-14.0	8.77	241.47	2.50	68.99	60.0-61.0	1.60	399.84	0.46	114.24
14.0-15.0	8.03	249.51	2.30	71.29	61.0-62.0	1.57	401.40	0.45	114.69
15.0-16.0	7.48	256.98	2.14	73.42	62.0-63.0	1.53	402.93	0.44	115.12
16.0-17.0	7.03	264.02	2.01	75.43	63.0-64.0	1.49	404.42	0.43	115.55
17.0-18.0	6.66	270.68	1.90	77.34	64.0-65.0	1.45	405.87	0.41	115.96
18.0-19.0	6.33	277.01	1.81	79.15	65.0-66.0	1.41	407.27	0.40	116.36
19.0-20.0	6.02	283.03	1.72	80.86	66.0-67.0	1.36	408.63	0.39	116.75
20.0-21.0	5.72	288.75	1.64	82.50	67.0-68.0	1.31	409.95	0.38	117.13
21.0-22.0	5.44	294.19	1.55	84.05	68.0-69.0	1.26	411.21	0.36	117.49
22.0-23.0	5.17	299.37	1.48	85.53	69.0-70.0	1.21	412.42	0.35	117.84
23.0-24.0	4.92	304.28	1.41	86.94	70.0-71.0	1.15	413.58	0.33	118.16
24.0-25.0	4.68	308.96	1.34	88.27	71.0-72.0	1.09	414.67	0.31	118.48
25.0-26.0	4.45	313.41	1.27	89.55	72.0-73.0	1.03	415.70	0.29	118.77
26.0-27.0	4.23	317.64	1.21	90.75	73.0-74.0	0.96	416.66	0.27	119.05
27.0-28.0	4.01	321.65	1.15	91.90	74.0-75.0	0.89	417.55	0.25	119.30
28.0-29.0	3.81	325.46	1.09	92.99	75.0-76.0	0.82	418.37	0.23	119.53
29.0-30.0	3.62	329.08	1.03	94.02	76.0-77.0	0.74	419.11	0.21	119.74
30.0-31.0	3.44	332.52	0.98	95.00	77.0-78.0	0.66	419.77	0.19	119.93
31.0-32.0	3.28	335.80	0.94	95.94	78.0-79.0	0.58	420.35	0.17	120.10
32.0-33.0	3.14	338.94	0.90	96.84	79.0-80.0	0.50	420.85	0.14	120.24
33.0-34.0	3.02	341.96	0.86	97.70	80.0-81.0	0.42	421.26	0.12	120.36
34.0-35.0	2.91	344.86	0.83	98.53	81.0-82.0	0.34	421.60	0.10	120.46
35.0-36.0	2.81	347.67	0.80	99.33	82.0-83.0	0.26	421.86	0.07	120.53
36.0-37.0	2.72	350.39	0.78	100.11	83.0-84.0	0.18	422.05	0.05	120.58
37.0-38.0	2.65	353.04	0.76	100.87	84.0-85.0	0.12	422.17	0.03	120.62
38.0-39.0	2.57	355.61	0.73	101.60	85.0-86.0	0.07	422.24	0.02	120.64
39.0-40.0	2.51	358.11	0.72	102.32	86.0-87.0	0.04	422.28	0.01	120.65
40.0-41.0	2.45	360.57	0.70	103.02	87.0-88.0	0.02	422.30	0.00	120.66
41.0-42.0	2.40	362.96	0.69	103.70	88.0-89.0	0.00	422.30	0.00	120.66
42.0-43.0	2.34	365.31	0.67	104.37	89.0-90.0	0.00	422.30	0.00	120.66
43.0-44.0	2.28	367.59	0.65	105.03	90.0-91.0	0.00	422.30	0.00	120.66
44.0-45.0	2.23	369.82	0.64	105.66	91.0-92.0	0.00	422.30	0.00	120.66
45.0-46.0	2.18	371.99	0.62	106.28	92.0-93.0	0.00	422.30	0.00	120.66
46.0-47.0	2.13	374.12	0.61	106.89	93.0-94.0	0.00	422.30	0.00	120.66

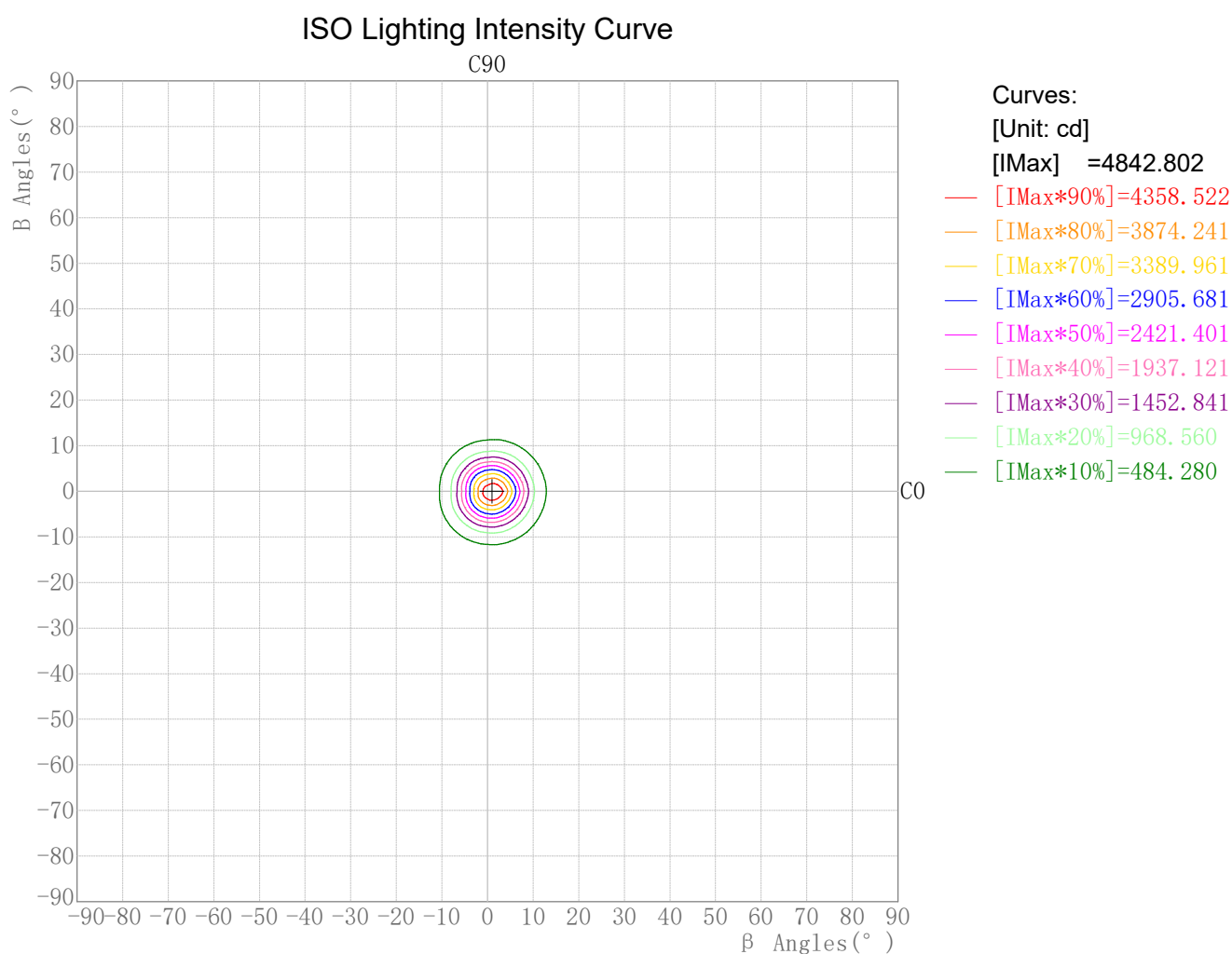
**IES Indoor Report**  
**Photometric Filename:1126.IES**

**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	422.30	0.00	120.66	141.0-142.0	0.00	422.30	0.00	120.66
95.0-96.0	0.00	422.30	0.00	120.66	142.0-143.0	0.00	422.30	0.00	120.66
96.0-97.0	0.00	422.30	0.00	120.66	143.0-144.0	0.00	422.30	0.00	120.66
97.0-98.0	0.00	422.30	0.00	120.66	144.0-145.0	0.00	422.30	0.00	120.66
98.0-99.0	0.00	422.30	0.00	120.66	145.0-146.0	0.00	422.30	0.00	120.66
99.0-100.0	0.00	422.30	0.00	120.66	146.0-147.0	0.00	422.30	0.00	120.66
100.0-101.0	0.00	422.30	0.00	120.66	147.0-148.0	0.00	422.30	0.00	120.66
101.0-102.0	0.00	422.30	0.00	120.66	148.0-149.0	0.00	422.30	0.00	120.66
102.0-103.0	0.00	422.30	0.00	120.66	149.0-150.0	0.00	422.30	0.00	120.66
103.0-104.0	0.00	422.30	0.00	120.66	150.0-151.0	0.00	422.30	0.00	120.66
104.0-105.0	0.00	422.30	0.00	120.66	151.0-152.0	0.00	422.30	0.00	120.66
105.0-106.0	0.00	422.30	0.00	120.66	152.0-153.0	0.00	422.30	0.00	120.66
106.0-107.0	0.00	422.30	0.00	120.66	153.0-154.0	0.00	422.31	0.00	120.66
107.0-108.0	0.00	422.30	0.00	120.66	154.0-155.0	0.00	422.31	0.00	120.66
108.0-109.0	0.00	422.30	0.00	120.66	155.0-156.0	0.00	422.31	0.00	120.66
109.0-110.0	0.00	422.30	0.00	120.66	156.0-157.0	0.00	422.32	0.00	120.66
110.0-111.0	0.00	422.30	0.00	120.66	157.0-158.0	0.01	422.32	0.00	120.66
111.0-112.0	0.00	422.30	0.00	120.66	158.0-159.0	0.01	422.33	0.00	120.67
112.0-113.0	0.00	422.30	0.00	120.66	159.0-160.0	0.01	422.34	0.00	120.67
113.0-114.0	0.00	422.30	0.00	120.66	160.0-161.0	0.01	422.34	0.00	120.67
114.0-115.0	0.00	422.30	0.00	120.66	161.0-162.0	0.01	422.35	0.00	120.67
115.0-116.0	0.00	422.30	0.00	120.66	162.0-163.0	0.01	422.35	0.00	120.67
116.0-117.0	0.00	422.30	0.00	120.66	163.0-164.0	0.01	422.36	0.00	120.67
117.0-118.0	0.00	422.30	0.00	120.66	164.0-165.0	0.00	422.36	0.00	120.68
118.0-119.0	0.00	422.30	0.00	120.66	165.0-166.0	0.00	422.37	0.00	120.68
119.0-120.0	0.00	422.30	0.00	120.66	166.0-167.0	0.00	422.37	0.00	120.68
120.0-121.0	0.00	422.30	0.00	120.66	167.0-168.0	0.00	422.38	0.00	120.68
121.0-122.0	0.00	422.30	0.00	120.66	168.0-169.0	0.00	422.38	0.00	120.68
122.0-123.0	0.00	422.30	0.00	120.66	169.0-170.0	0.00	422.38	0.00	120.68
123.0-124.0	0.00	422.30	0.00	120.66	170.0-171.0	0.00	422.39	0.00	120.68
124.0-125.0	0.00	422.30	0.00	120.66	171.0-172.0	0.00	422.39	0.00	120.68
125.0-126.0	0.00	422.30	0.00	120.66	172.0-173.0	0.00	422.39	0.00	120.68
126.0-127.0	0.00	422.30	0.00	120.66	173.0-174.0	0.00	422.39	0.00	120.68
127.0-128.0	0.00	422.30	0.00	120.66	174.0-175.0	0.00	422.39	0.00	120.68
128.0-129.0	0.00	422.30	0.00	120.66	175.0-176.0	0.00	422.39	0.00	120.68
129.0-130.0	0.00	422.30	0.00	120.66	176.0-177.0	0.00	422.39	0.00	120.68
130.0-131.0	0.00	422.30	0.00	120.66	177.0-178.0	0.00	422.39	0.00	120.68
131.0-132.0	0.00	422.30	0.00	120.66	178.0-179.0	0.00	422.39	0.00	120.68
132.0-133.0	0.00	422.30	0.00	120.66	179.0-180.0	0.00	422.39	0.00	120.68
133.0-134.0	0.00	422.30	0.00	120.66					
134.0-135.0	0.00	422.30	0.00	120.66					
135.0-136.0	0.00	422.30	0.00	120.66					
136.0-137.0	0.00	422.30	0.00	120.66					
137.0-138.0	0.00	422.30	0.00	120.66					
138.0-139.0	0.00	422.30	0.00	120.66					
139.0-140.0	0.00	422.30	0.00	120.66					
140.0-141.0	0.00	422.30	0.00	120.66					

### Rectangle ISO Lighting Intensity Diagram

Lum. Name: LED Lamp	Lum. Catalog:	Test ID: t001
Lamp Name: led	Lamp Catalog: LED	Test Lab: volnic
Manufacture:	Test Machine:GON-2000	Test Date: 2023/12/30

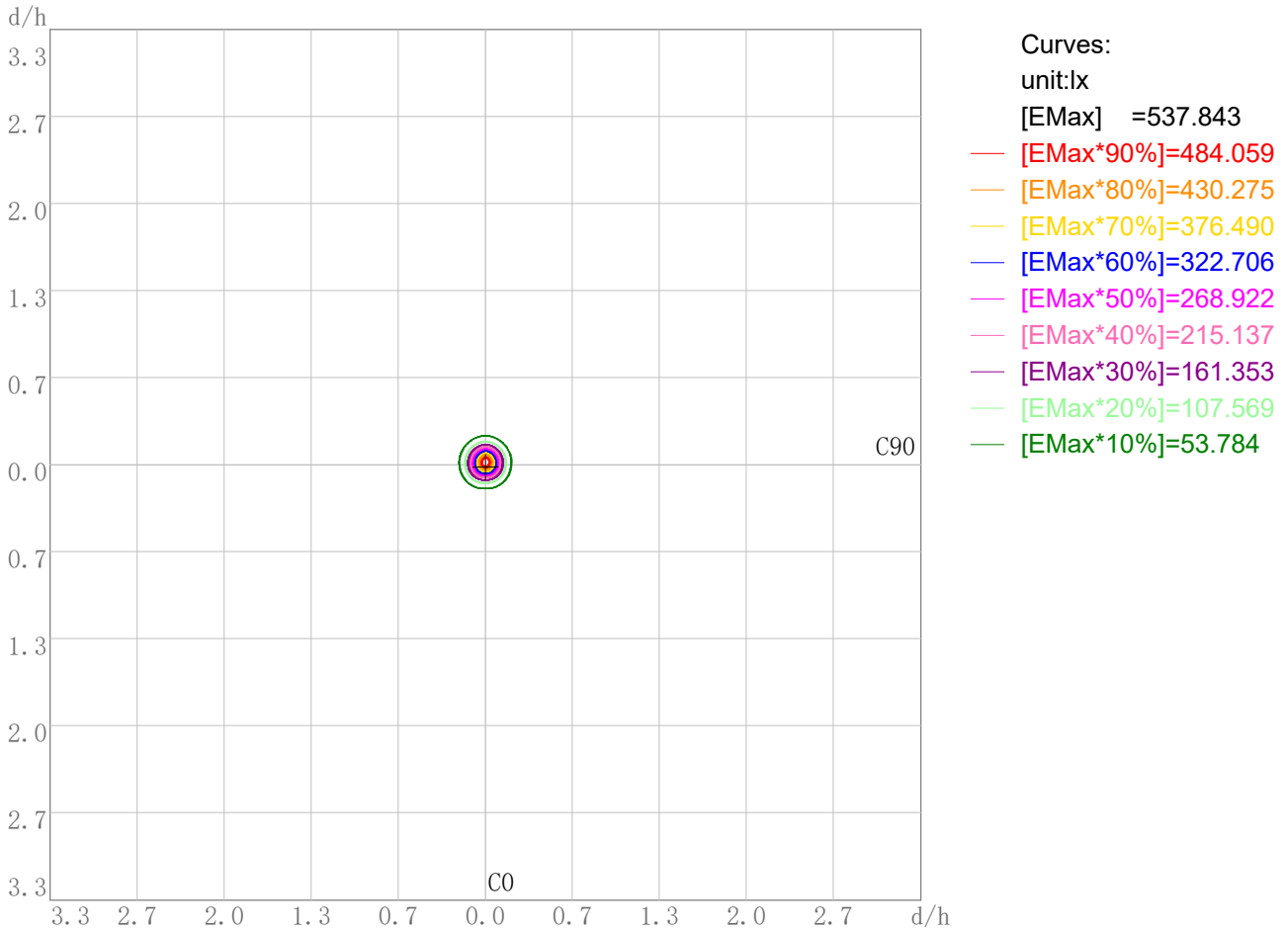


Maximum Light Intensity(cd): 4842.80  
 Maximum Cand.@Angle: H=1.0°,V=0.0°

**Plane ISO-Illuminance Diagram**

Lum. Name: LED Lamp	Lum. Catalog:	Test ID: t001
Lamp Name: led	Lamp Catalog: LED	Test Lab: volnic
Manufacture:	Test Machine:GON-2000	Test Date: 2023/12/30

Plane ISO-Illuminance Curve

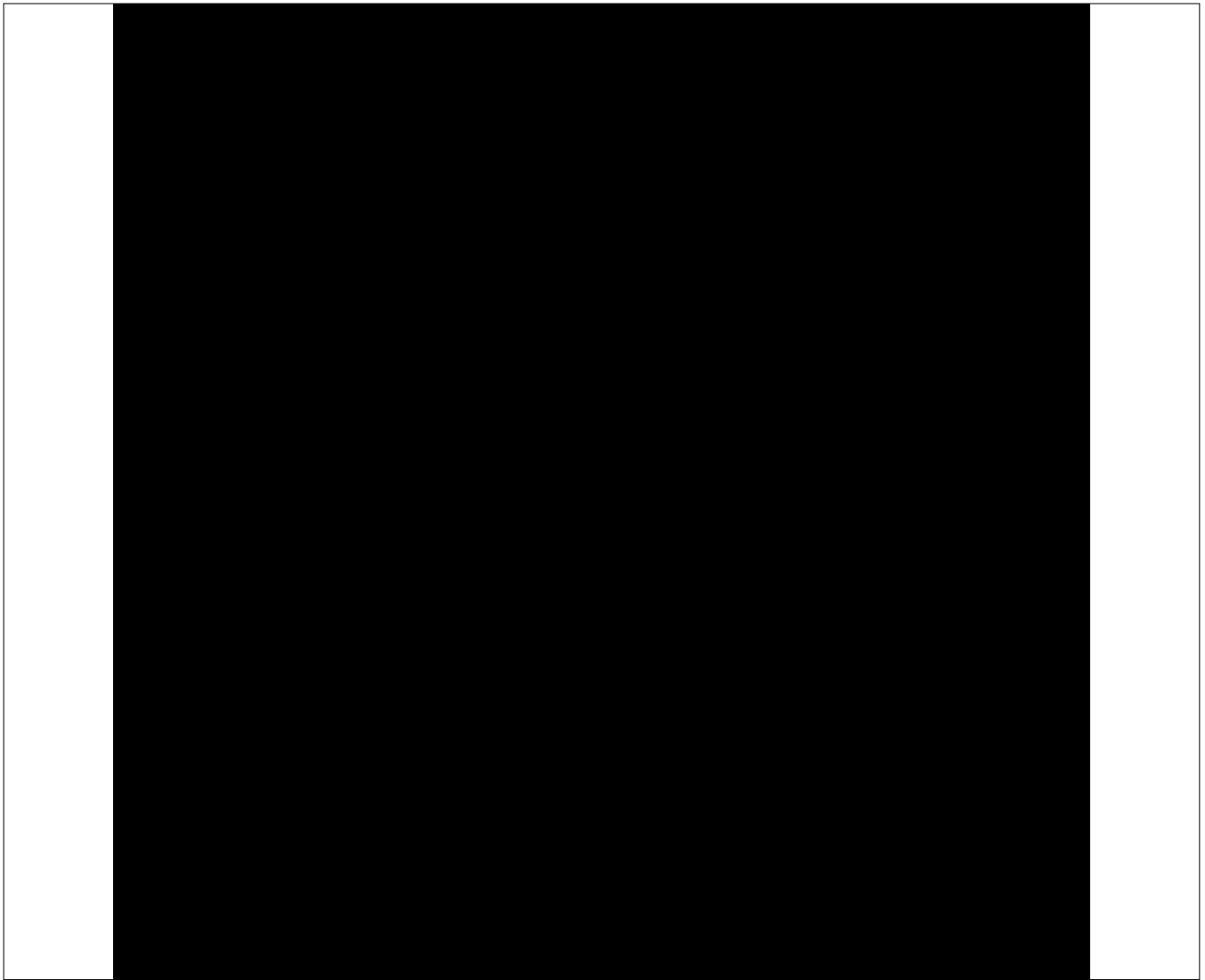


Working Plane Luminaire Mounting Height(m): 3.00  
 Working Plane Maximum Illuminance(lx): 537.84  
 Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

### 3D Plane ISO Illuminance Diagram

Lum. Name: LED Lamp	Lum. Catalog:	Test ID: t001
Lamp Name: led	Lamp Catalog: LED	Test Lab: volnic
Manufacture:	Test Machine:GON-2000	Test Date: 2023/12/30

### 3D Plane Illuminance Modal



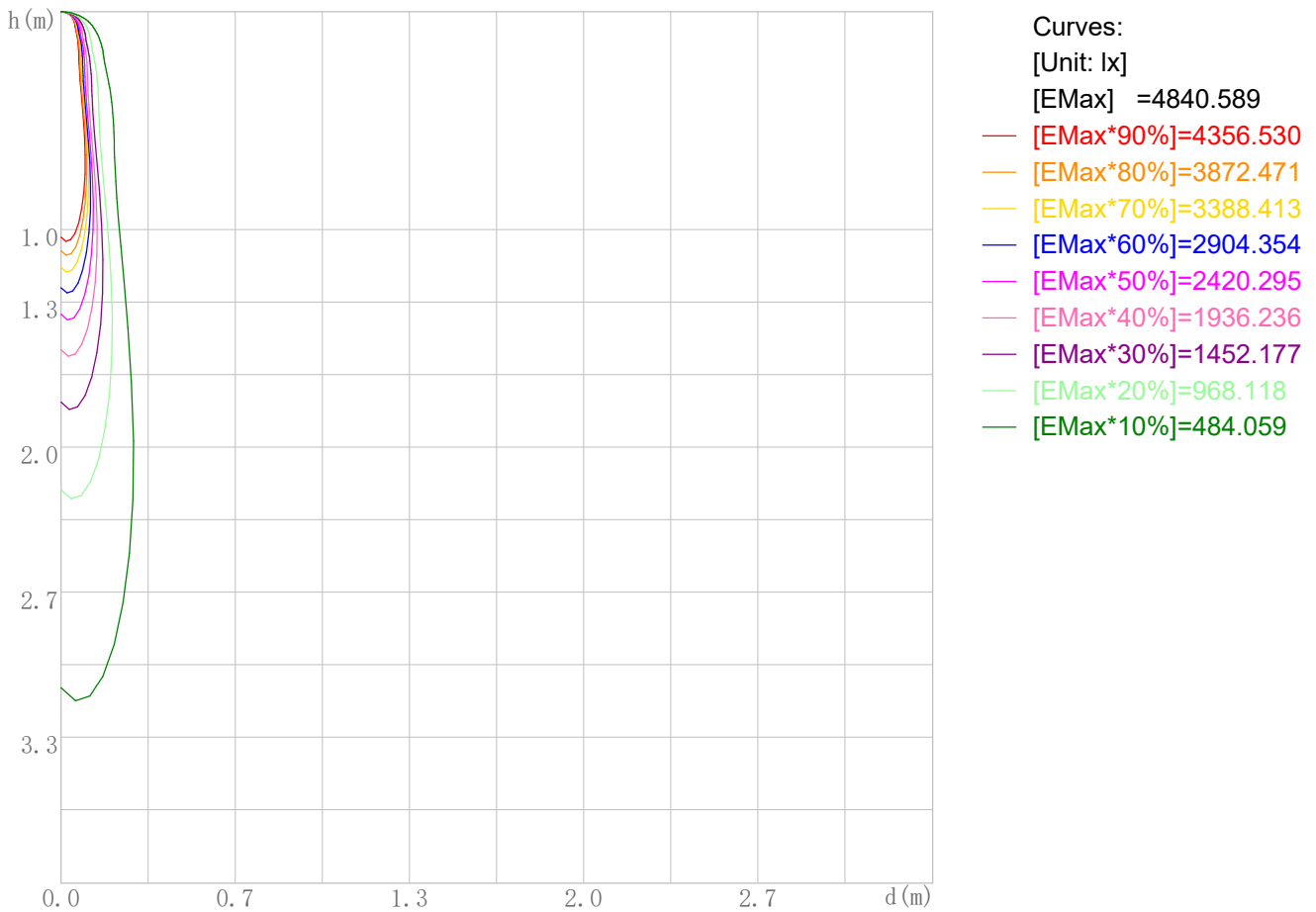
Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0



### Space ISO Illuminance Diagram

Lum. Name: LED Lamp	Lum. Catalog:	Test ID: t001
Lamp Name: led	Lamp Catalog: LED	Test Lab: volnic
Manufacture:	Test Machine:GON-2000	Test Date: 2023/12/30

Space ISO Illuminance Curve

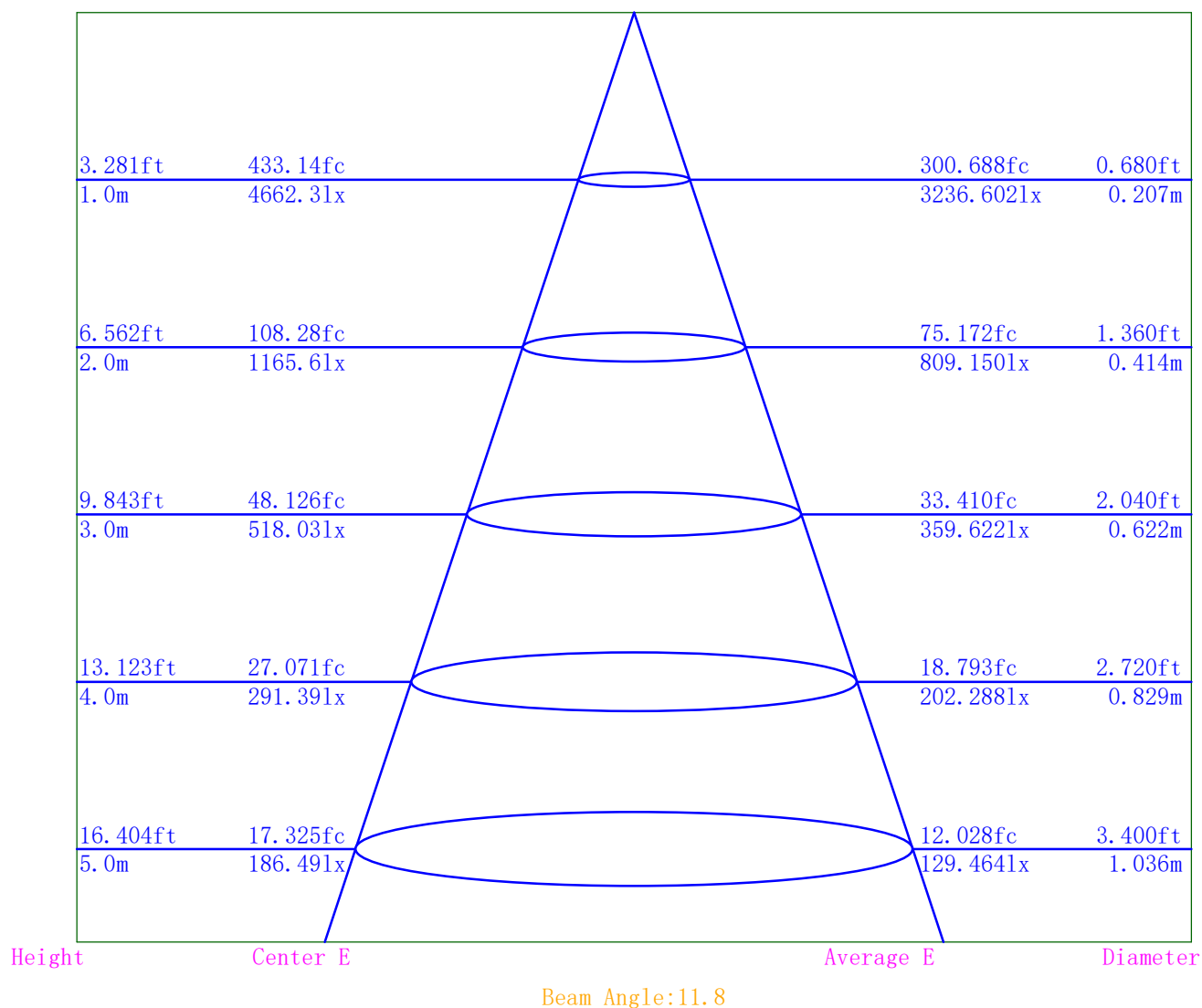


Space Plane Maximum Illuminance and @Angle:4840.59lx,1.0deg  
 Plane Maximum Lighting Intensity and @Angle:4842.802cd,0deg

### Illuminance-Distance Diagram

Lum. Name: LED Lamp	Lum. Catalog:	Test ID: t001
Lamp Name: led	Lamp Catalog: LED	Test Lab: volnic
Manufacture:	Test Machine:GON-2000	Test Date: 2023/12/30

Illuminance-Distance Curve



**Indoor Luminance Limiting Curves**

Lum. Name: LED Lamp	Lum. Catalog:	Test ID: t001
Lamp Name: led	Lamp Catalog: LED	Test Lab: volnic
Manufacture:	Test Machine:GON-2000	Test Date: 2023/12/30

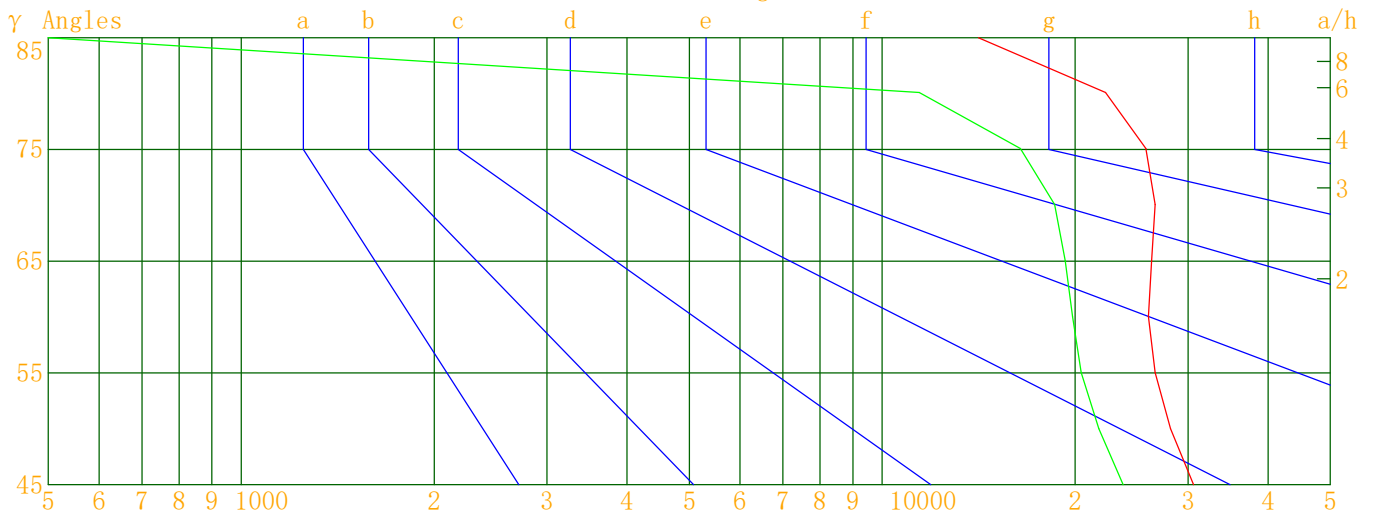
Glare Grade Table

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	30617	28175	26662	26015	26313	26672	25769	22296	14133
C90	23752	21772	20443	19819	19301	18573	16433	11419	0

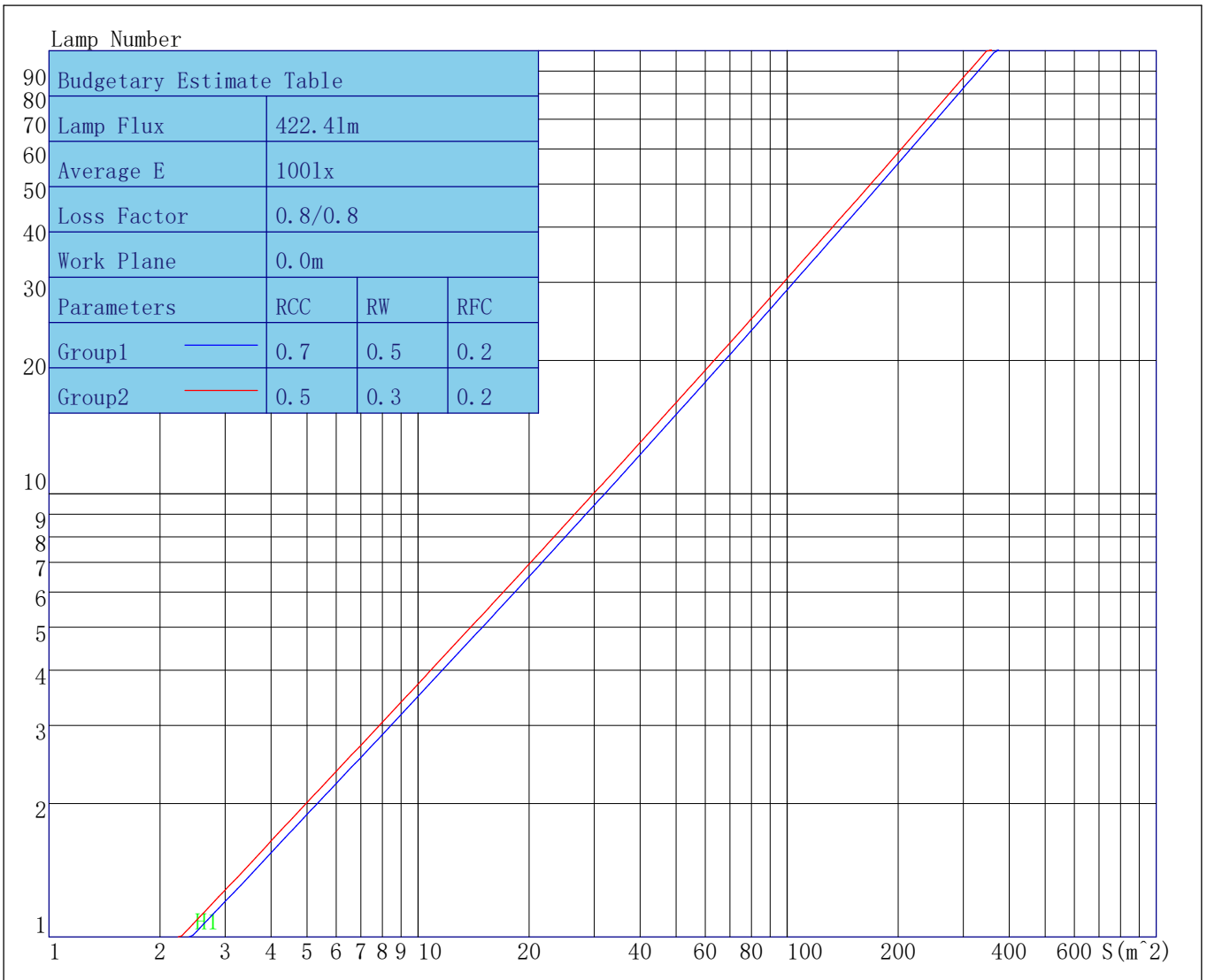
Luminance Limiting Curve



Luminous Size: Length(m)=-0.044 Width(m)=-0.044 Height(m)=0.000 Area(m^2)=0.001521  
 Luminous Type: Without Luminous Side  
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

**Indoor Budgetary Estimate Table**

Lum. Name: LED Lamp	Lum. Catalog:	Test ID: t001
Lamp Name: led	Lamp Catalog: LED	Test Lab: volnic
Manufacture:	Test Machine:GON-2000	Test Date: 2023/12/30



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: LED Lamp	Lum. Catalog:	Test ID: t001
Lamp Name: led	Lamp Catalog: LED	Test Lab: volnic
Manufacture:	Test Machine:GON-2000	Test Date: 2023/12/30

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	144	144	144	144	140	140	140	140	134	134	134	128	128	128	123	123	123	121
1	137	134	131	129	134	132	129	127	127	125	123	122	121	119	118	117	116	114
2	132	126	122	118	129	124	120	117	120	117	114	117	114	112	113	111	109	107
3	126	119	114	110	124	118	113	109	115	111	107	112	108	106	109	106	104	102
4	122	114	108	104	120	112	107	103	110	105	102	108	104	101	105	102	100	98
5	117	109	103	99	116	108	102	98	106	101	97	104	100	97	102	99	96	94
6	114	105	99	95	112	104	99	94	102	97	94	101	97	93	99	96	93	91
7	110	101	96	92	109	101	95	91	99	94	91	98	94	90	97	93	90	89
8	107	98	93	89	106	98	92	89	96	92	88	95	91	88	94	90	88	86
9	104	96	90	86	103	95	90	86	94	89	86	93	89	86	92	88	85	84
10	102	93	88	84	101	93	88	84	92	87	84	91	87	84	90	86	84	82

**Unified Glare Rating Table**

Lum. Name: LED Lamp	Lum. Catalog:	Test ID: t001
Lamp Name: led	Lamp Catalog: LED	Test Lab: volnic
Manufacture:	Test Machine:GON-2000	Test Date: 2023/12/30

**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	19.5	20.9	19.8	21.2	21.5	18.1	19.5	18.5	19.8	20.1
	Y=3H	21.2	22.5	21.5	22.8	23.2	19.5	20.8	19.9	21.2	21.5
	Y=4H	21.9	23.2	22.3	23.5	23.9	20.1	21.3	20.5	21.7	22.1
	Y=6H	22.4	23.6	22.8	24.0	24.4	20.4	21.5	20.8	21.9	22.3
	Y=8H	22.5	23.7	23.0	24.1	24.5	20.4	21.5	20.8	21.9	22.3
	Y=12H	22.6	23.7	23.0	24.1	24.5	20.3	21.4	20.8	21.8	22.2
X=4H	Y=2H	20.0	21.3	20.4	21.6	22.0	18.8	20.0	19.2	20.4	20.7
	Y=3H	21.9	23.0	22.3	23.4	23.8	20.4	21.5	20.8	21.9	22.3
	Y=4H	22.8	23.8	23.2	24.2	24.7	21.0	22.1	21.5	22.5	22.9
	Y=6H	23.4	24.3	23.8	24.8	25.2	21.4	22.3	21.8	22.8	23.2
	Y=8H	23.5	24.5	24.0	24.9	25.4	21.4	22.3	21.9	22.8	23.2
	Y=12H	23.6	24.5	24.1	24.9	25.4	21.4	22.2	21.8	22.7	23.2
X=8H	Y=4H	23.0	23.9	23.4	24.3	24.8	21.3	22.2	21.7	22.7	23.1
	Y=6H	23.7	24.5	24.2	25.0	25.6	21.7	22.5	22.2	23.0	23.7
	Y=8H	23.9	24.7	24.4	25.2	25.7	21.7	22.5	22.2	23.0	23.5
	Y=12H	24.0	24.7	24.5	25.2	25.8	21.7	22.5	22.2	22.9	23.5
X=12H	Y=4H	23.0	23.8	23.4	24.3	24.8	21.3	22.2	21.8	22.6	23.1
	Y=6H	23.7	24.5	24.2	24.9	25.5	21.7	22.5	22.2	23.0	23.5
	Y=8H	23.9	24.7	24.4	25.2	25.7	21.8	22.5	22.3	23.0	23.5
Variations with the objerver position at spacings											
S=1.0H	0.6/-0.6					0.9/-1.1					
S=1.5H	0.9/-1.1					1.3/-1.7					
S=2.0H	0.9/-1.3					1.4/-2.0					
Reduced UGR Table:											
Nordic Standard Table:	BKO					BKO					
Correction Value	2.9					2.4					

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

# IES Indoor Report

## Photometric Filename:1126.IES

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### Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
$\gamma$ 0.0	4662.29	4662.29	4662.29	4662.29
$\gamma$ 1.0	4842.80	4448.38	4362.40	4548.19
$\gamma$ 2.0	4785.99	4142.25	3901.89	4284.85
$\gamma$ 3.0	4523.99	3731.95	3376.35	3871.98
$\gamma$ 4.0	4111.97	3248.58	2820.25	3382.35
$\gamma$ 5.0	3598.80	2714.53	2273.00	2871.20
$\gamma$ 6.0	3041.42	2159.85	1759.89	2345.37
$\gamma$ 7.0	2477.21	1636.75	1308.43	1821.31
$\gamma$ 8.0	1937.45	1198.34	954.44	1356.06
$\gamma$ 9.0	1450.34	876.42	703.94	991.10
$\gamma$ 10.0	1064.41	656.30	540.03	734.20
$\gamma$ 11.0	784.28	508.05	431.54	562.02
$\gamma$ 12.0	598.65	407.82	357.47	446.39
$\gamma$ 13.0	473.06	338.90	304.63	368.45
$\gamma$ 14.0	387.08	289.43	264.62	313.52
$\gamma$ 15.0	327.15	252.96	233.15	272.67
$\gamma$ 16.0	283.13	223.84	207.77	240.88
$\gamma$ 17.0	248.75	200.28	186.40	215.81
$\gamma$ 18.0	221.93	180.07	168.13	194.56
$\gamma$ 19.0	199.43	162.77	151.94	176.12
$\gamma$ 20.0	180.06	147.22	137.61	160.14
$\gamma$ 21.0	163.18	133.18	124.96	145.79
$\gamma$ 22.0	148.32	120.87	113.84	133.06
$\gamma$ 23.0	134.69	109.93	103.97	121.57
$\gamma$ 24.0	122.79	100.27	95.19	111.27
$\gamma$ 25.0	112.33	91.81	87.30	102.03
$\gamma$ 26.0	102.79	84.07	80.02	93.56
$\gamma$ 27.0	94.15	77.16	73.34	86.01
$\gamma$ 28.0	86.42	70.89	67.11	79.08
$\gamma$ 29.0	79.25	65.17	61.74	72.81
$\gamma$ 30.0	72.78	60.10	56.85	67.30
$\gamma$ 31.0	66.92	55.56	52.52	62.22
$\gamma$ 32.0	61.76	51.99	48.79	58.16
$\gamma$ 33.0	57.30	48.34	45.60	54.58
$\gamma$ 34.0	53.38	45.40	42.88	51.38
$\gamma$ 35.0	50.21	41.84	40.70	48.71
$\gamma$ 36.0	47.60	39.46	38.51	45.59
$\gamma$ 37.0	45.35	37.65	36.57	43.22
$\gamma$ 38.0	43.37	35.29	34.57	41.01
$\gamma$ 39.0	41.58	33.44	32.70	39.04
$\gamma$ 40.0	39.96	31.98	31.19	37.56
$\gamma$ 41.0	38.49	30.62	29.84	35.91
$\gamma$ 42.0	37.08	29.33	28.53	34.21
$\gamma$ 43.0	35.60	27.95	27.36	32.69
$\gamma$ 44.0	34.24	26.66	26.23	31.20
$\gamma$ 45.0	32.92	25.54	25.18	29.85
$\gamma$ 46.0	31.69	24.59	24.20	28.71

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### Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
$\gamma$ 47.0	30.58	23.71	23.27	27.63
$\gamma$ 48.0	29.47	22.92	22.35	26.55
$\gamma$ 49.0	28.50	22.21	21.58	25.63
$\gamma$ 50.0	27.54	21.28	20.83	24.75
$\gamma$ 51.0	26.64	20.53	20.08	23.88
$\gamma$ 52.0	25.78	19.76	19.43	23.13
$\gamma$ 53.0	24.87	19.08	18.88	22.41
$\gamma$ 54.0	24.03	18.41	18.33	21.71
$\gamma$ 55.0	23.25	17.83	17.77	21.07
$\gamma$ 56.0	22.51	17.25	17.22	20.53
$\gamma$ 57.0	21.80	16.67	16.73	19.92
$\gamma$ 58.0	21.11	16.16	16.19	19.27
$\gamma$ 59.0	20.43	15.62	15.66	18.75
$\gamma$ 60.0	19.78	15.07	15.24	18.19
$\gamma$ 61.0	19.16	14.51	14.76	17.61
$\gamma$ 62.0	18.63	13.97	14.26	17.03
$\gamma$ 63.0	18.04	13.45	13.77	16.52
$\gamma$ 64.0	17.45	12.92	13.24	15.95
$\gamma$ 65.0	16.91	12.40	12.73	15.38
$\gamma$ 66.0	16.35	11.87	12.17	14.85
$\gamma$ 67.0	15.75	11.32	11.66	14.31
$\gamma$ 68.0	15.14	10.79	11.07	13.67
$\gamma$ 69.0	14.55	10.29	10.52	13.11
$\gamma$ 70.0	13.87	9.66	9.87	12.51
$\gamma$ 71.0	13.16	9.09	9.31	11.80
$\gamma$ 72.0	12.47	8.44	8.65	11.15
$\gamma$ 73.0	11.74	7.85	7.98	10.47
$\gamma$ 74.0	10.98	7.13	7.30	9.75
$\gamma$ 75.0	10.14	6.47	6.63	8.98
$\gamma$ 76.0	9.34	5.81	5.89	8.25
$\gamma$ 77.0	8.44	5.11	5.18	7.48
$\gamma$ 78.0	7.57	4.39	4.47	6.68
$\gamma$ 79.0	6.75	3.70	3.75	5.87
$\gamma$ 80.0	5.89	3.02	2.98	5.12
$\gamma$ 81.0	5.04	2.29	2.31	4.30
$\gamma$ 82.0	4.18	1.64	1.60	3.54
$\gamma$ 83.0	3.39	1.01	0.92	2.79
$\gamma$ 84.0	2.59	0.42	0.34	2.10
$\gamma$ 85.0	1.87	0.00	0.00	1.43
$\gamma$ 86.0	1.26	0.00	0.00	0.89
$\gamma$ 87.0	0.68	0.00	0.00	0.32
$\gamma$ 88.0	0.15	0.00	0.00	0.00
$\gamma$ 89.0	0.00	0.00	0.00	0.00
$\gamma$ 90.0	0.00	0.00	0.00	0.00
$\gamma$ 91.0	0.00	0.00	0.00	0.00
$\gamma$ 92.0	0.00	0.00	0.00	0.00
$\gamma$ 93.0	0.00	0.00	0.00	0.00



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### 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

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### 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	0.05
γ 153.0	0.00	0.00	0.00	0.10
γ 154.0	0.08	0.00	0.00	0.22
γ 155.0	0.15	0.00	0.00	0.19
γ 156.0	0.20	0.00	0.00	0.23
γ 157.0	0.23	0.00	0.00	0.25
γ 158.0	0.30	0.00	0.00	0.28
γ 159.0	0.29	0.00	0.00	0.29
γ 160.0	0.34	0.00	0.00	0.27
γ 161.0	0.34	0.00	0.00	0.30
γ 162.0	0.37	0.00	0.00	0.33
γ 163.0	0.34	0.00	0.00	0.29
γ 164.0	0.36	0.00	0.00	0.31
γ 165.0	0.39	0.00	0.00	0.31
γ 166.0	0.38	0.00	0.00	0.32
γ 167.0	0.38	0.00	0.00	0.29
γ 168.0	0.38	0.00	0.00	0.29
γ 169.0	0.37	0.00	0.00	0.28
γ 170.0	0.38	0.00	0.00	0.24
γ 171.0	0.41	0.00	0.00	0.24
γ 172.0	0.36	0.00	0.00	0.22
γ 173.0	0.39	0.00	0.00	0.19
γ 174.0	0.33	0.00	0.00	0.20
γ 175.0	0.27	0.00	0.00	0.15
γ 176.0	0.24	0.00	0.00	0.12
γ 177.0	0.16	0.00	0.00	0.07
γ 178.0	0.12	0.00	0.00	0.00
γ 179.0	0.06	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00