

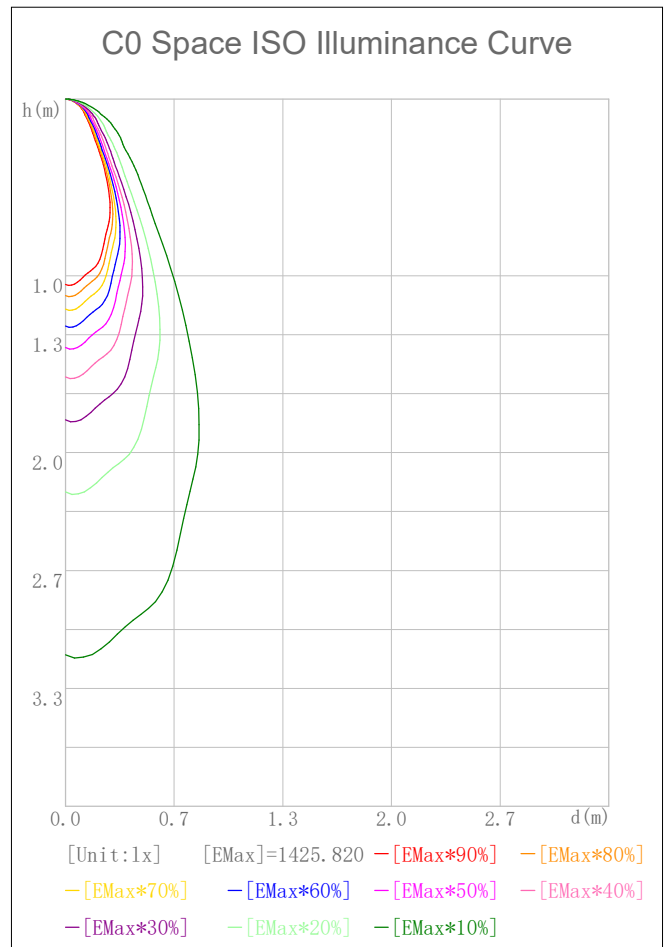
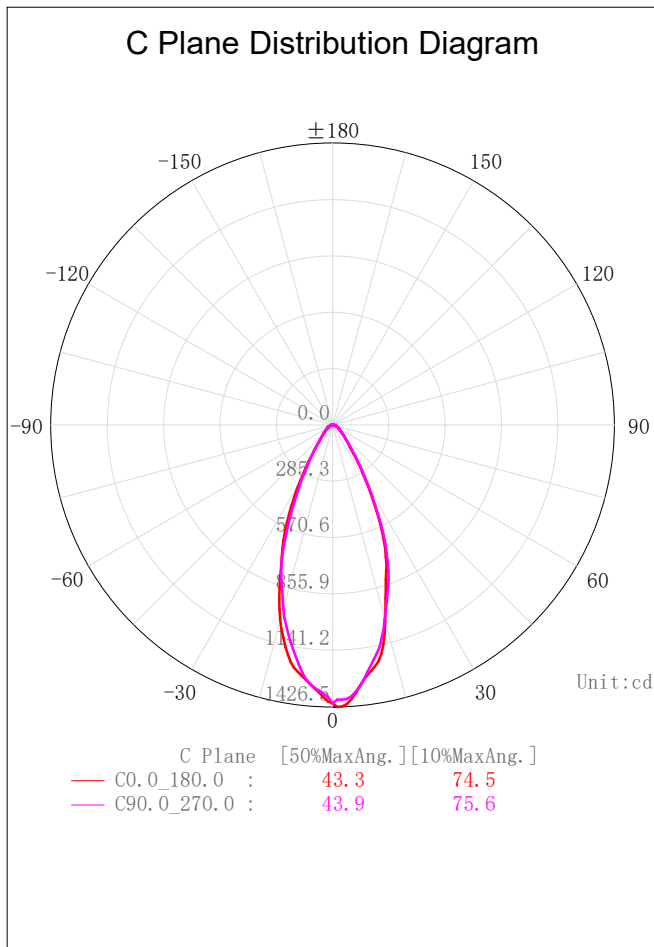
**Indoor Luminaire Photometric Data**

**Description Information**

Luminary Name: LED Lamp	Lum. Catalog:	Test ID: t001
Lamp Name: led	Lamp Catalog: LED	Test Date: 2023/12/19
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, $\gamma$	Test Step: C=90.0 $\gamma$ =1.0	Temp. (°C): 25
		Humidity(%): 60.0

**Character Parameter**

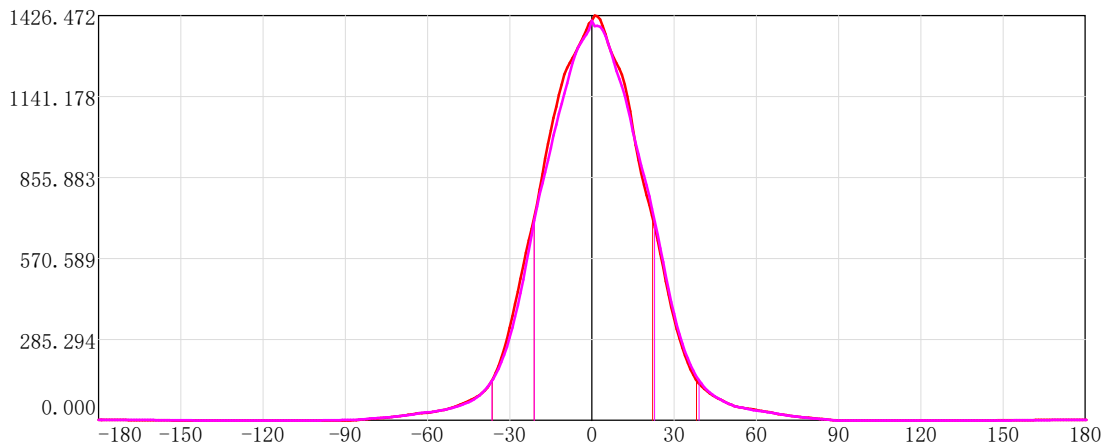
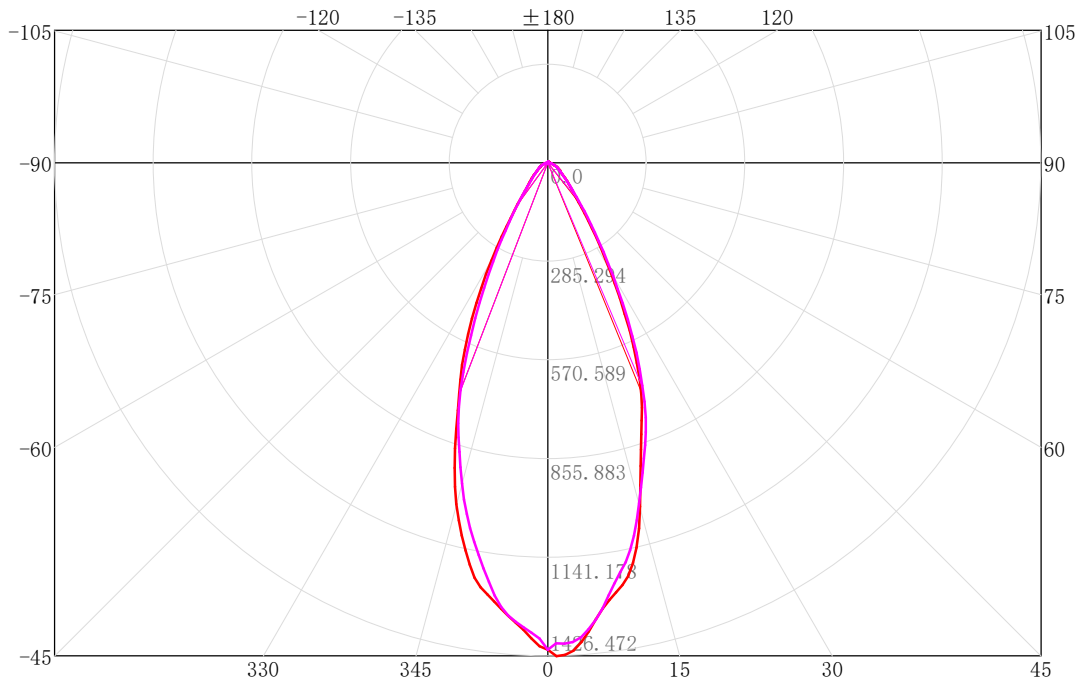
Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 700.000	Luminary Flux(lm): 915.970	Field Angle(10%Imax): 74.5(°)	
Rated Power(W):	Luminary Efficiency: 130.85%	Down Lumens&Percent: 914.392lm 99.83%	
Rated Voltage(V):	Luminary EER(lm/W): 98.049	Up Lumens&Percent: 1.5791m 0.17%	
Tested Power(W): 9.342	Max. Candela(cd): 1426.472	S/MH: C0_a180=0.682 C90_270=0.687	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 $\gamma$ =1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):220.8, 0.046, 0.912	Beam Angle(50%Imax): 43.3(°)	ErP $\Phi$ use(90°): 815.160lm	
Lamp Size(W*L*H):0.044m*0.044m*0.000m	Left=-21.1°, Right=22.2°	IRF(%): 347.701	



**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: 2023/12/19

**C Plane Distribution Diagram**



	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
—	C0.0_180.0 :	43.3	74.5	
—	C90.0_270.0 :	43.9	75.6	

### 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: 2023/12/19

### 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:1132.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	1.34	1.34	0.19	0.19	47.0-48.0	5.13	826.50	0.73	118.07
1.0-2.0	4.00	5.34	0.57	0.76	48.0-49.0	4.86	831.36	0.69	118.77
2.0-3.0	6.61	11.95	0.94	1.71	49.0-50.0	4.60	835.96	0.66	119.42
3.0-4.0	9.14	21.09	1.31	3.01	50.0-51.0	4.36	840.32	0.62	120.05
4.0-5.0	11.58	32.67	1.65	4.67	51.0-52.0	4.14	844.46	0.59	120.64
5.0-6.0	13.91	46.58	1.99	6.65	52.0-53.0	3.94	848.40	0.56	121.20
6.0-7.0	16.11	62.69	2.30	8.96	53.0-54.0	3.79	852.18	0.54	121.74
7.0-8.0	18.18	80.86	2.60	11.55	54.0-55.0	3.67	855.85	0.52	122.26
8.0-9.0	20.15	101.01	2.88	14.43	55.0-56.0	3.56	859.41	0.51	122.77
9.0-10.0	22.02	123.03	3.15	17.58	56.0-57.0	3.44	862.86	0.49	123.27
10.0-11.0	23.75	146.77	3.39	20.97	57.0-58.0	3.32	866.18	0.47	123.74
11.0-12.0	25.28	172.05	3.61	24.58	58.0-59.0	3.20	869.38	0.46	124.20
12.0-13.0	26.56	198.61	3.79	28.37	59.0-60.0	3.09	872.47	0.44	124.64
13.0-14.0	27.58	226.19	3.94	32.31	60.0-61.0	3.00	875.47	0.43	125.07
14.0-15.0	28.32	254.51	4.05	36.36	61.0-62.0	2.92	878.40	0.42	125.49
15.0-16.0	28.81	283.33	4.12	40.48	62.0-63.0	2.84	881.23	0.41	125.89
16.0-17.0	29.14	312.47	4.16	44.64	63.0-64.0	2.74	883.97	0.39	126.28
17.0-18.0	29.37	341.84	4.20	48.83	64.0-65.0	2.60	886.57	0.37	126.65
18.0-19.0	29.48	371.32	4.21	53.05	65.0-66.0	2.46	889.03	0.35	127.00
19.0-20.0	29.47	400.79	4.21	57.26	66.0-67.0	2.32	891.35	0.33	127.34
20.0-21.0	29.31	430.10	4.19	61.44	67.0-68.0	2.17	893.52	0.31	127.65
21.0-22.0	28.96	459.06	4.14	65.58	68.0-69.0	2.03	895.55	0.29	127.94
22.0-23.0	28.37	487.43	4.05	69.63	69.0-70.0	1.91	897.45	0.27	128.21
23.0-24.0	27.54	514.97	3.93	73.57	70.0-71.0	1.79	899.24	0.26	128.46
24.0-25.0	26.49	541.46	3.78	77.35	71.0-72.0	1.67	900.91	0.24	128.70
25.0-26.0	25.28	566.74	3.61	80.96	72.0-73.0	1.55	902.46	0.22	128.92
26.0-27.0	23.90	590.64	3.41	84.38	73.0-74.0	1.44	903.90	0.21	129.13
27.0-28.0	22.41	613.05	3.20	87.58	74.0-75.0	1.34	905.24	0.19	129.32
28.0-29.0	20.87	633.92	2.98	90.56	75.0-76.0	1.23	906.47	0.18	129.50
29.0-30.0	19.34	653.26	2.76	93.32	76.0-77.0	1.13	907.59	0.16	129.66
30.0-31.0	17.83	671.09	2.55	95.87	77.0-78.0	1.03	908.63	0.15	129.80
31.0-32.0	16.35	687.44	2.34	98.21	78.0-79.0	0.95	909.58	0.14	129.94
32.0-33.0	14.93	702.36	2.13	100.34	79.0-80.0	0.87	910.44	0.12	130.06
33.0-34.0	13.62	715.98	1.95	102.28	80.0-81.0	0.78	911.22	0.11	130.17
34.0-35.0	12.44	728.41	1.78	104.06	81.0-82.0	0.69	911.92	0.10	130.27
35.0-36.0	11.36	739.77	1.62	105.68	82.0-83.0	0.61	912.52	0.09	130.36
36.0-37.0	10.38	750.16	1.48	107.17	83.0-84.0	0.51	913.03	0.07	130.43
37.0-38.0	9.52	759.67	1.36	108.52	84.0-85.0	0.42	913.46	0.06	130.49
38.0-39.0	8.76	768.44	1.25	109.78	85.0-86.0	0.33	913.78	0.05	130.54
39.0-40.0	8.12	776.56	1.16	110.94	86.0-87.0	0.24	914.03	0.03	130.58
40.0-41.0	7.57	784.14	1.08	112.02	87.0-88.0	0.17	914.20	0.02	130.60
41.0-42.0	7.10	791.23	1.01	113.03	88.0-89.0	0.12	914.31	0.02	130.62
42.0-43.0	6.69	797.92	0.96	113.99	89.0-90.0	0.08	914.39	0.01	130.63
43.0-44.0	6.33	804.25	0.90	114.89	90.0-91.0	0.06	914.45	0.01	130.64
44.0-45.0	6.00	810.26	0.86	115.75	91.0-92.0	0.04	914.49	0.01	130.64
45.0-46.0	5.70	815.96	0.81	116.57	92.0-93.0	0.04	914.53	0.01	130.65
46.0-47.0	5.41	821.37	0.77	117.34	93.0-94.0	0.03	914.56	0.00	130.65

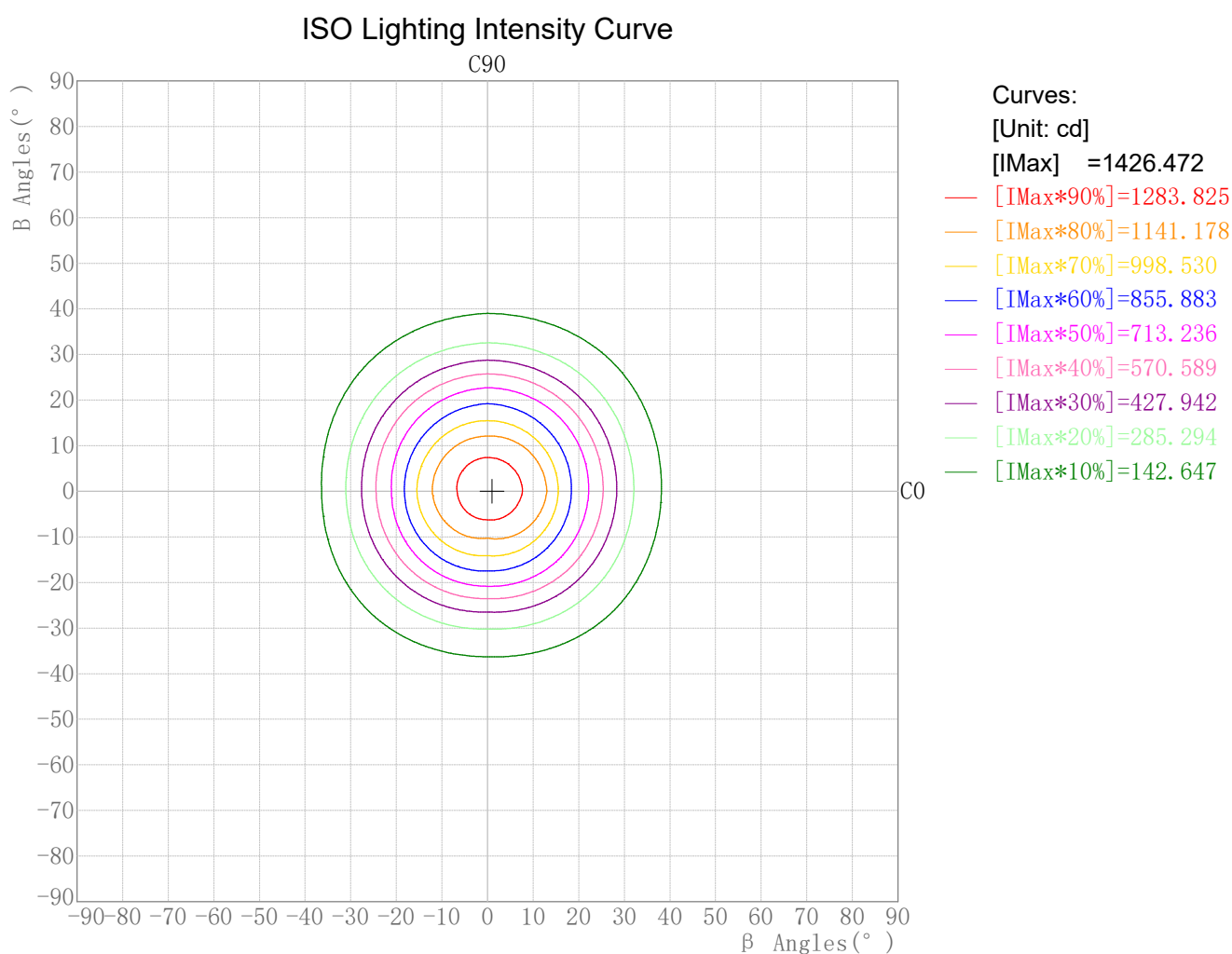
**IES Indoor Report**  
**Photometric Filename:1132.IES**

**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	0.02	914.59	0.00	130.66	141.0-142.0	0.00	914.69	0.00	130.67
95.0-96.0	0.02	914.61	0.00	130.66	142.0-143.0	0.01	914.70	0.00	130.67
96.0-97.0	0.02	914.63	0.00	130.66	143.0-144.0	0.01	914.71	0.00	130.67
97.0-98.0	0.02	914.64	0.00	130.66	144.0-145.0	0.01	914.72	0.00	130.67
98.0-99.0	0.01	914.66	0.00	130.67	145.0-146.0	0.01	914.74	0.00	130.68
99.0-100.0	0.01	914.67	0.00	130.67	146.0-147.0	0.02	914.75	0.00	130.68
100.0-101.0	0.01	914.68	0.00	130.67	147.0-148.0	0.02	914.78	0.00	130.68
101.0-102.0	0.00	914.68	0.00	130.67	148.0-149.0	0.03	914.80	0.00	130.69
102.0-103.0	0.00	914.69	0.00	130.67	149.0-150.0	0.03	914.83	0.00	130.69
103.0-104.0	0.00	914.69	0.00	130.67	150.0-151.0	0.03	914.86	0.00	130.69
104.0-105.0	0.00	914.69	0.00	130.67	151.0-152.0	0.04	914.90	0.01	130.70
105.0-106.0	0.00	914.69	0.00	130.67	152.0-153.0	0.04	914.94	0.01	130.71
106.0-107.0	0.00	914.69	0.00	130.67	153.0-154.0	0.04	914.99	0.01	130.71
107.0-108.0	0.00	914.69	0.00	130.67	154.0-155.0	0.05	915.03	0.01	130.72
108.0-109.0	0.00	914.69	0.00	130.67	155.0-156.0	0.05	915.08	0.01	130.73
109.0-110.0	0.00	914.69	0.00	130.67	156.0-157.0	0.05	915.13	0.01	130.73
110.0-111.0	0.00	914.69	0.00	130.67	157.0-158.0	0.05	915.18	0.01	130.74
111.0-112.0	0.00	914.69	0.00	130.67	158.0-159.0	0.05	915.23	0.01	130.75
112.0-113.0	0.00	914.69	0.00	130.67	159.0-160.0	0.05	915.29	0.01	130.76
113.0-114.0	0.00	914.69	0.00	130.67	160.0-161.0	0.05	915.34	0.01	130.76
114.0-115.0	0.00	914.69	0.00	130.67	161.0-162.0	0.05	915.39	0.01	130.77
115.0-116.0	0.00	914.69	0.00	130.67	162.0-163.0	0.05	915.44	0.01	130.78
116.0-117.0	0.00	914.69	0.00	130.67	163.0-164.0	0.05	915.50	0.01	130.79
117.0-118.0	0.00	914.69	0.00	130.67	164.0-165.0	0.05	915.55	0.01	130.79
118.0-119.0	0.00	914.69	0.00	130.67	165.0-166.0	0.05	915.59	0.01	130.80
119.0-120.0	0.00	914.69	0.00	130.67	166.0-167.0	0.05	915.64	0.01	130.81
120.0-121.0	0.00	914.69	0.00	130.67	167.0-168.0	0.04	915.69	0.01	130.81
121.0-122.0	0.00	914.69	0.00	130.67	168.0-169.0	0.04	915.73	0.01	130.82
122.0-123.0	0.00	914.69	0.00	130.67	169.0-170.0	0.04	915.77	0.01	130.82
123.0-124.0	0.00	914.69	0.00	130.67	170.0-171.0	0.04	915.81	0.01	130.83
124.0-125.0	0.00	914.69	0.00	130.67	171.0-172.0	0.03	915.84	0.00	130.83
125.0-126.0	0.00	914.69	0.00	130.67	172.0-173.0	0.03	915.87	0.00	130.84
126.0-127.0	0.00	914.69	0.00	130.67	173.0-174.0	0.03	915.89	0.00	130.84
127.0-128.0	0.00	914.69	0.00	130.67	174.0-175.0	0.02	915.92	0.00	130.85
128.0-129.0	0.00	914.69	0.00	130.67	175.0-176.0	0.02	915.94	0.00	130.85
129.0-130.0	0.00	914.69	0.00	130.67	176.0-177.0	0.01	915.95	0.00	130.85
130.0-131.0	0.00	914.69	0.00	130.67	177.0-178.0	0.01	915.96	0.00	130.85
131.0-132.0	0.00	914.69	0.00	130.67	178.0-179.0	0.01	915.97	0.00	130.85
132.0-133.0	0.00	914.69	0.00	130.67	179.0-180.0	0.00	915.97	0.00	130.85
133.0-134.0	0.00	914.69	0.00	130.67					
134.0-135.0	0.00	914.69	0.00	130.67					
135.0-136.0	0.00	914.69	0.00	130.67					
136.0-137.0	0.00	914.69	0.00	130.67					
137.0-138.0	0.00	914.69	0.00	130.67					
138.0-139.0	0.00	914.69	0.00	130.67					
139.0-140.0	0.00	914.69	0.00	130.67					
140.0-141.0	0.00	914.69	0.00	130.67					

### 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: 2023/12/19

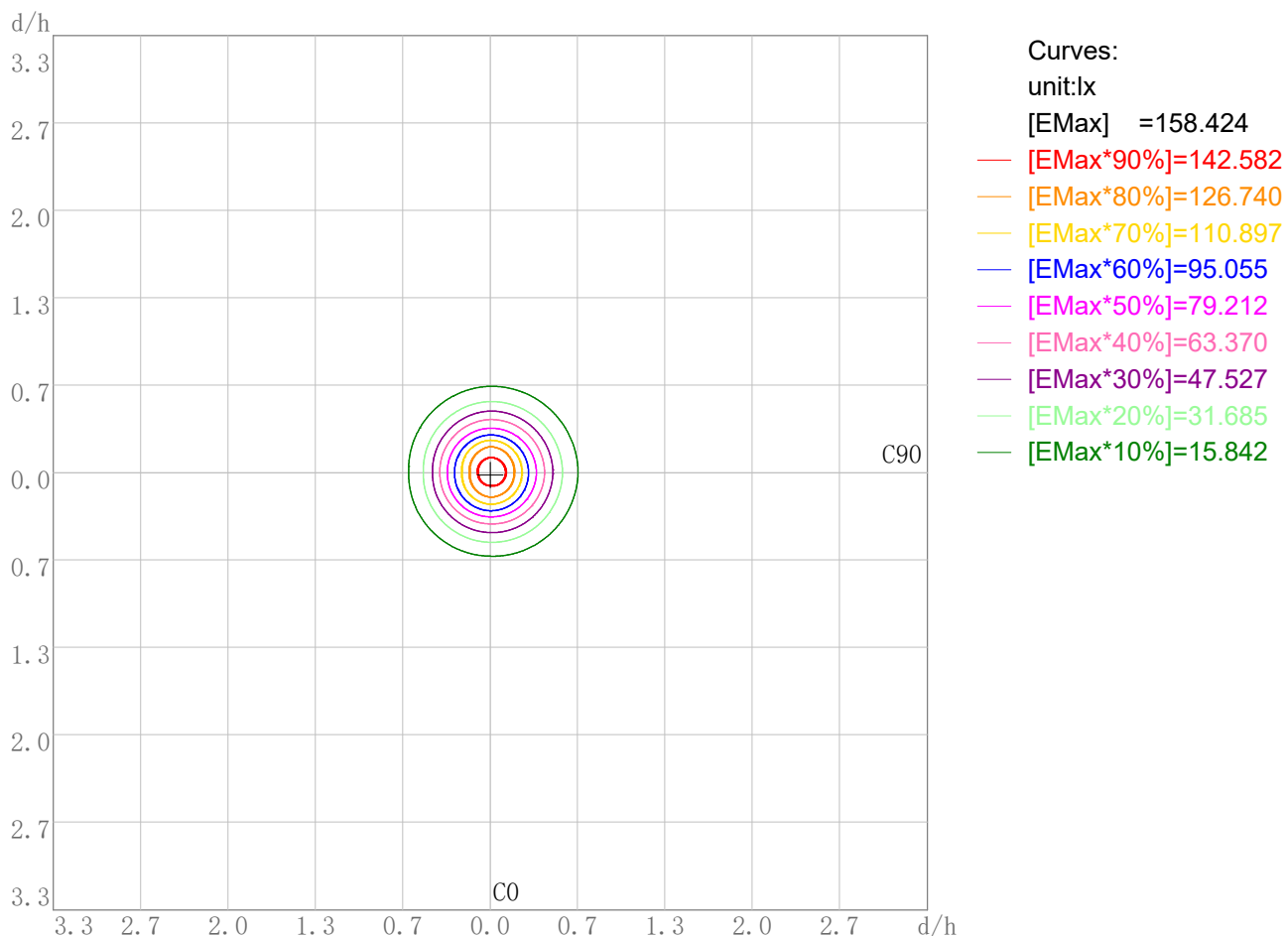


Maximum Light Intensity(cd): 1426.47  
 Maximum Cand.@Angle: H=1.0°,V=0.0°

**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: 2023/12/19

Plane ISO-Illuminance Curve

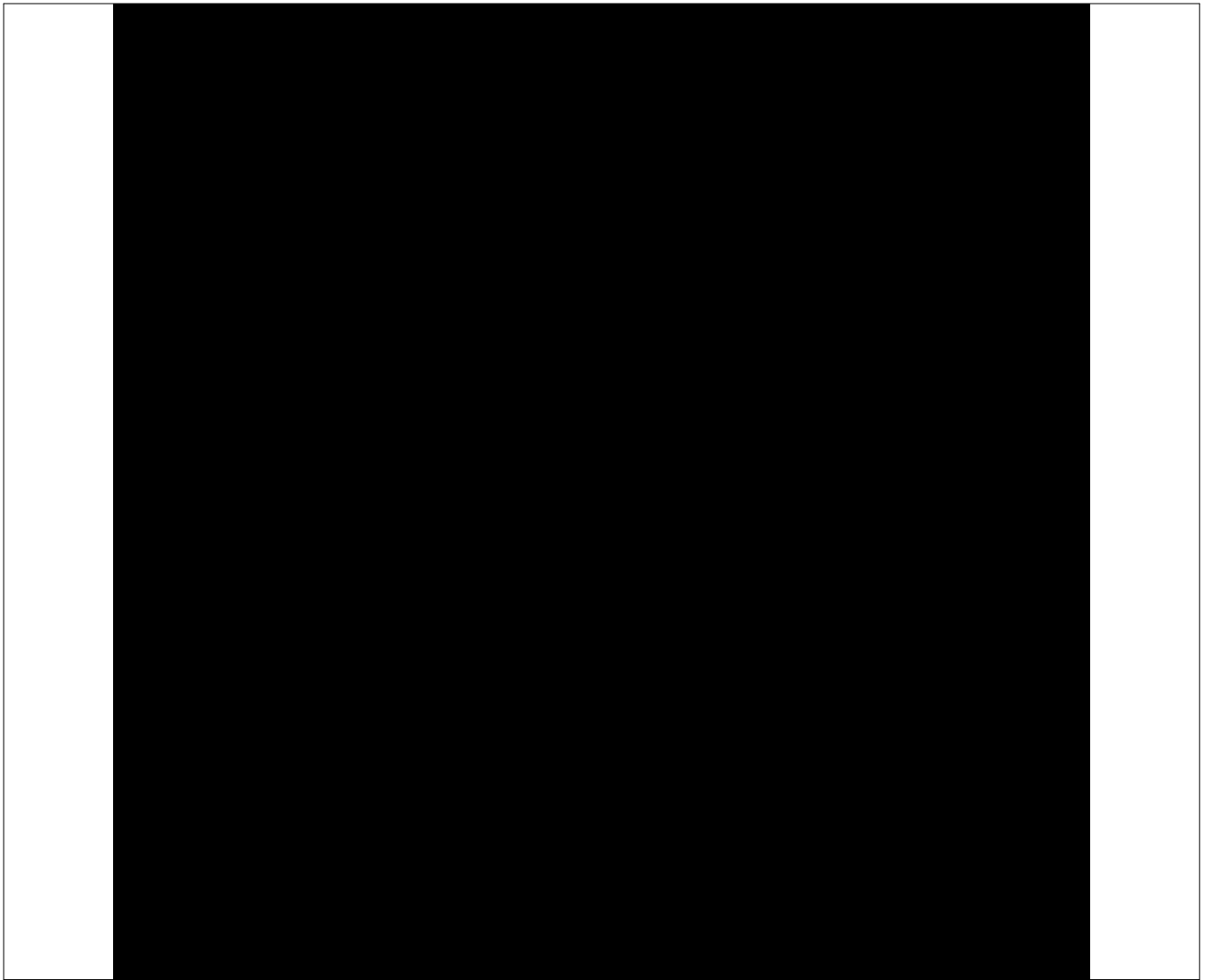


Working Plane Luminaire Mounting Height(m): 3.00  
 Working Plane Maximum Illuminance(lx): 158.42  
 Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

### 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: 2023/12/19

### 3D Plane Illuminance Modal



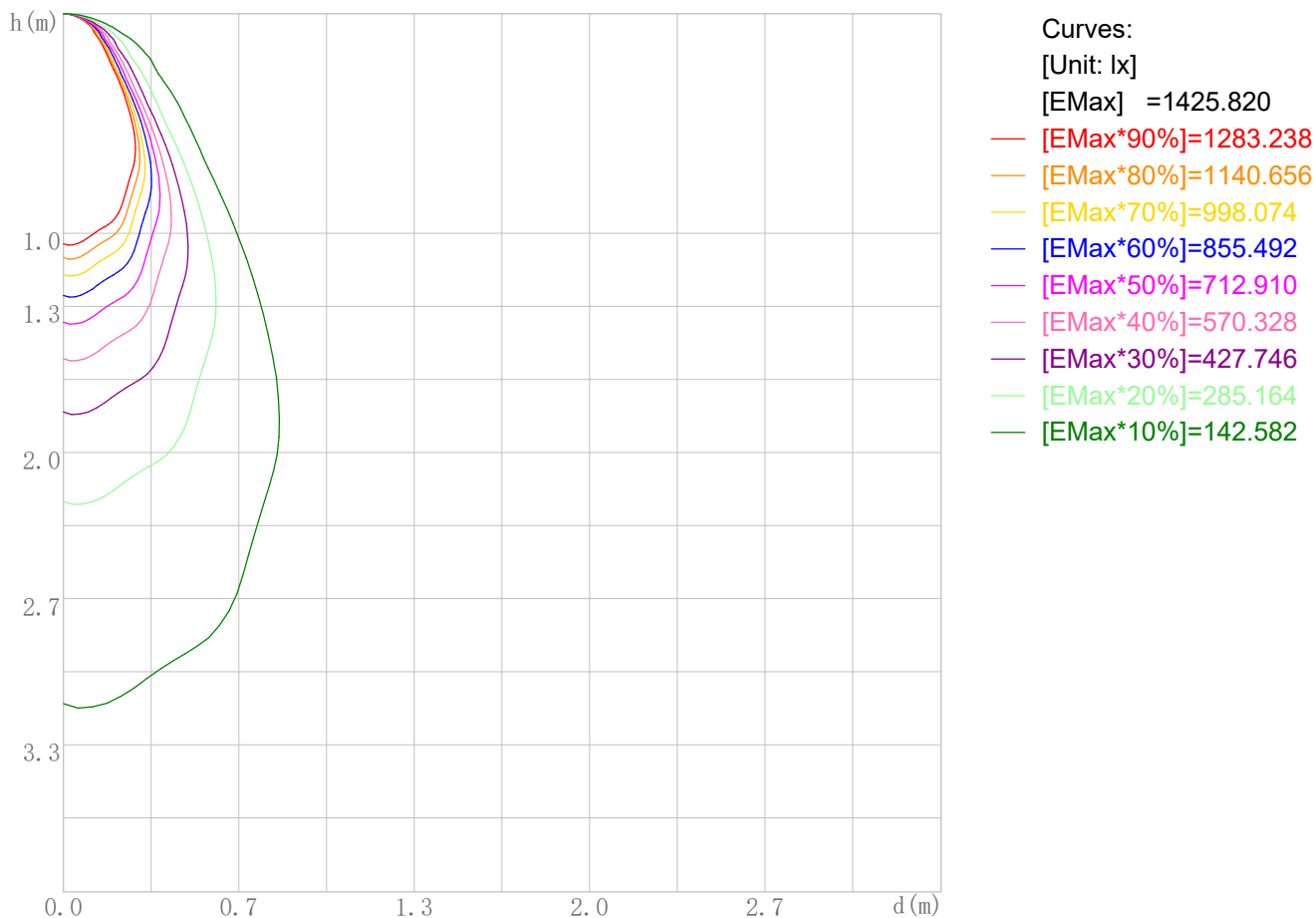
Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0    Height(m): 3.0    Distance(m): 10.0



### 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: 2023/12/19

Space ISO Illuminance Curve

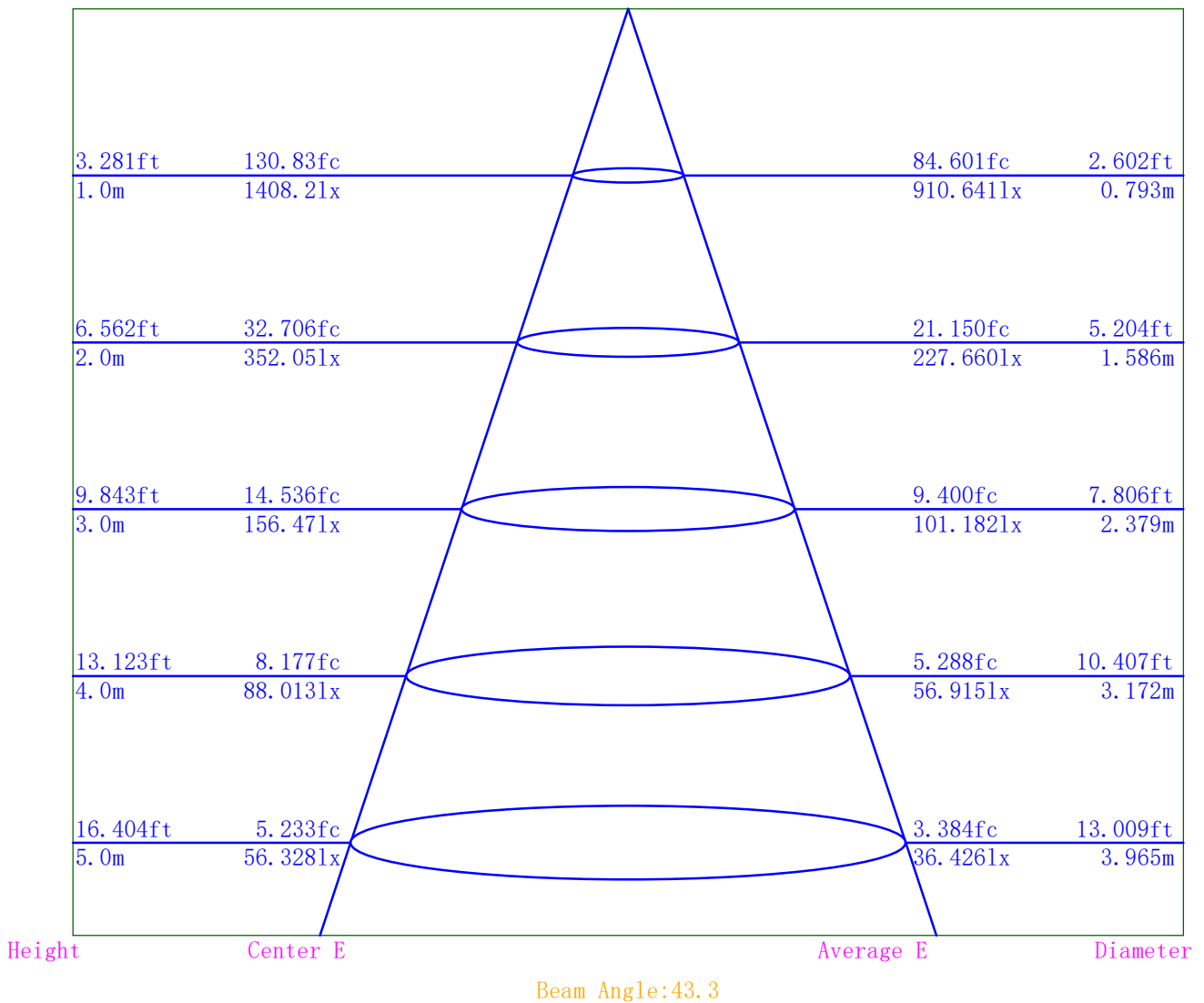


Space Plane Maximum Illuminance and @Angle:1425.82lx,1.0deg  
 Plane Maximum Lighting Intensity and @Angle:1426.472cd,0deg

**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: 2023/12/19

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: 2023/12/19

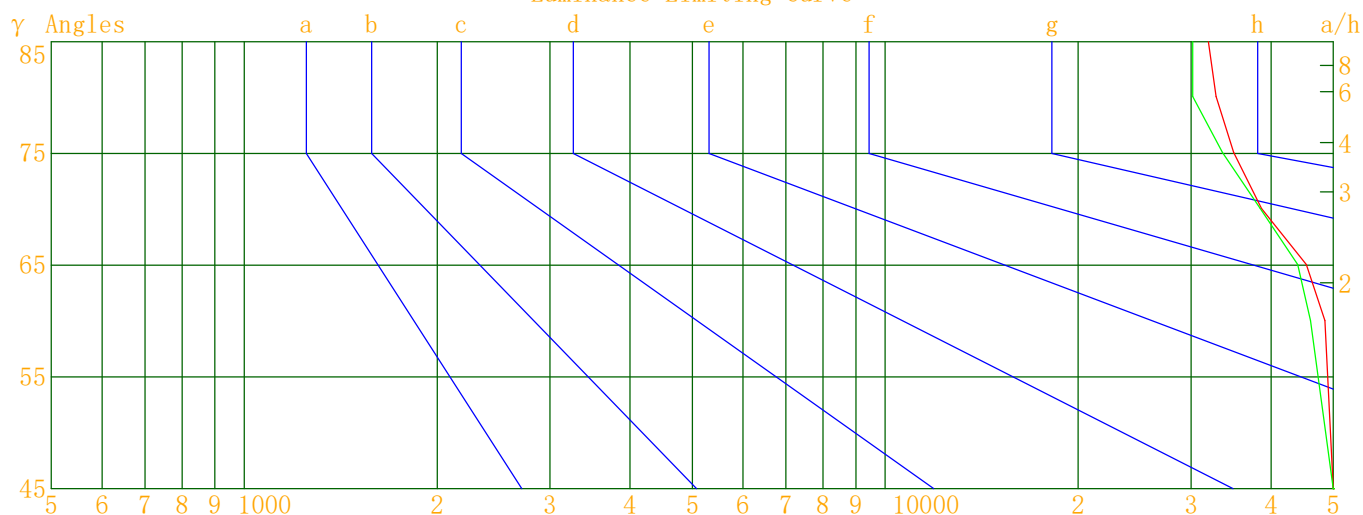
Glare Grade Table

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	77521	60383	51114	48526	45417	38635	34980	32814	31942
C90	79060	59924	51823	46096	44018	38452	33580	30170	30168

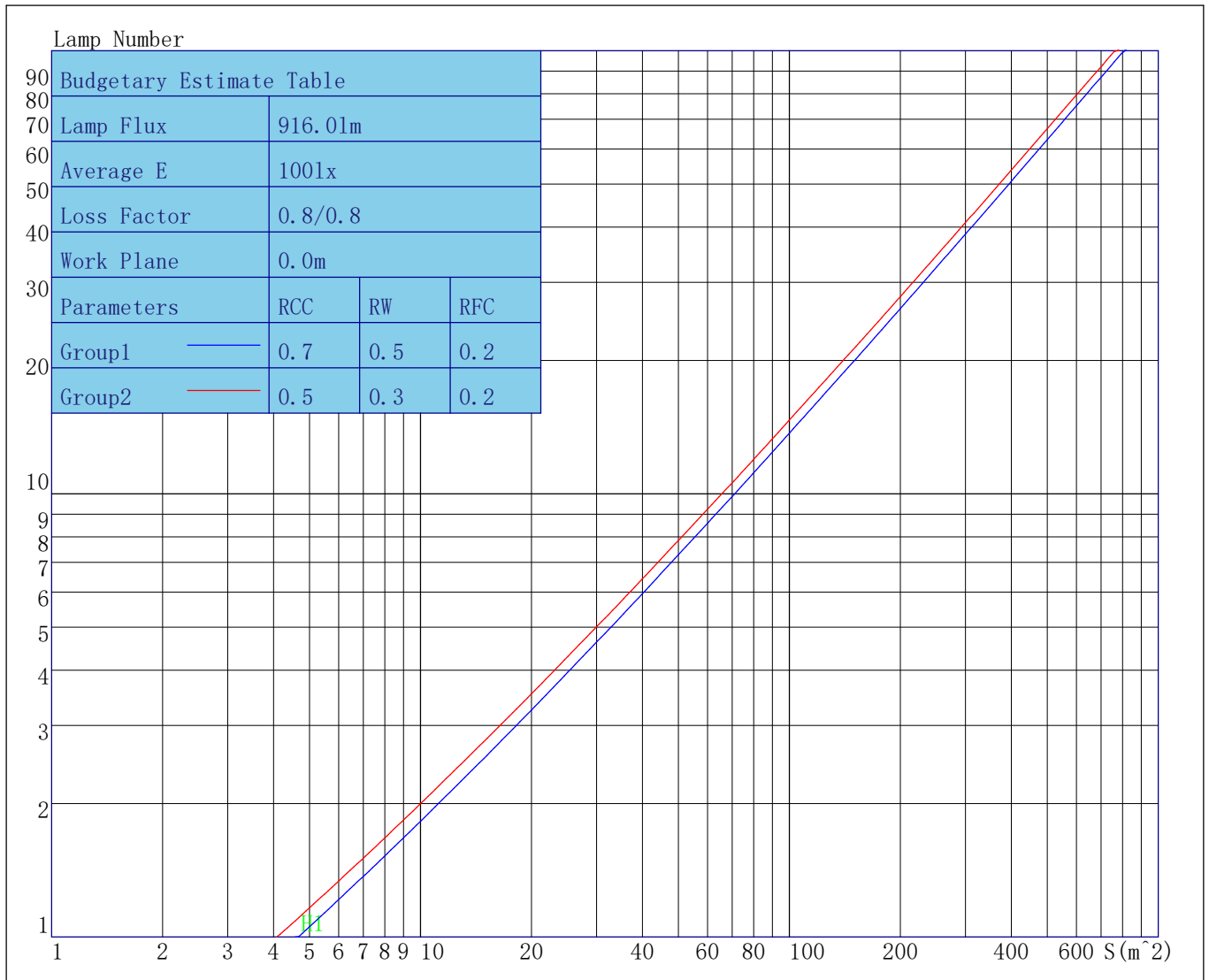
Luminance Limiting Curve



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: 2023/12/19



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: 2023/12/19

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	156	156	156	156	152	152	152	152	145	145	145	139	139	139	133	133	133	131			
1	148	144	140	137	144	141	138	135	136	133	131	131	129	127	126	124	123	121			
2	140	133	127	123	137	131	126	121	126	122	119	122	119	116	119	116	113	111			
3	133	124	117	111	130	122	115	110	118	113	109	115	111	107	112	108	105	103			
4	126	115	108	102	123	114	107	102	111	105	100	108	103	99	106	102	98	96			
5	119	108	100	95	117	107	100	94	105	98	93	102	97	92	100	95	92	90			
6	114	102	94	88	112	101	93	88	99	92	87	97	91	86	95	90	86	84			
7	108	96	88	82	107	95	88	82	93	87	82	92	86	81	90	85	81	79			
8	103	91	83	78	102	90	83	77	89	82	77	87	81	77	86	80	76	75			
9	99	86	78	73	97	85	78	73	84	78	73	83	77	73	82	76	72	71			
10	95	82	74	69	93	81	74	69	80	74	69	79	73	69	78	73	69	67			

**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: 2023/12/19

**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	22.3	23.8	22.7	24.1	24.4	22.4	23.8	22.8	24.1	24.5
	Y=3H	23.1	24.4	23.5	24.8	25.1	23.1	24.5	23.5	24.8	25.2
	Y=4H	23.4	24.7	23.8	25.0	25.4	23.4	24.7	23.8	25.1	25.4
	Y=6H	23.7	24.9	24.1	25.2	25.6	23.6	24.8	24.0	25.2	25.6
	Y=8H	23.7	24.9	24.2	25.3	25.7	23.7	24.9	24.1	25.3	25.7
	Y=12H	23.8	25.0	24.2	25.3	25.8	23.7	24.9	24.2	25.3	25.7
X=4H	Y=2H	22.5	23.8	22.9	24.2	24.6	22.6	23.9	23.0	24.2	24.6
	Y=3H	23.5	24.6	23.9	25.0	25.4	23.5	24.7	23.9	25.1	25.5
	Y=4H	23.9	25.0	24.3	25.4	25.8	23.9	25.0	24.3	25.4	25.8
	Y=6H	24.3	25.3	24.7	25.7	26.1	24.2	25.2	24.6	25.6	26.1
	Y=8H	24.4	25.4	24.8	25.8	26.3	24.3	25.3	24.8	25.7	26.2
	Y=12H	24.5	25.4	25.0	25.9	26.4	24.4	25.3	24.9	25.8	26.2
X=8H	Y=4H	24.0	24.9	24.4	25.4	25.8	24.0	24.9	24.4	25.4	25.8
	Y=6H	24.4	25.3	24.9	25.8	26.4	24.3	25.2	24.8	25.7	26.3
	Y=8H	24.6	25.5	25.1	26.0	26.4	24.5	25.3	25.0	25.8	26.3
	Y=12H	24.8	25.6	25.3	26.1	26.6	24.6	25.5	25.1	25.9	26.5
X=12H	Y=4H	24.0	24.9	24.4	25.3	25.8	23.9	24.9	24.4	25.3	25.8
	Y=6H	24.4	25.3	24.9	25.7	26.3	24.3	25.2	24.9	25.6	26.2
	Y=8H	24.7	25.5	25.2	26.0	26.5	24.5	25.3	25.0	25.8	26.4
Variations with the objerver position at spacings											
S=1.0H	0.4/-0.4					0.5/-0.5					
S=1.5H	0.8/-0.8					0.9/-0.9					
S=2.0H	1.2/-1.2					1.2/-1.4					
Reduced UGR Table:											
Nordic Standard Table:	BKO					BKO					
Correction Value	1.9					1.8					

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

# IES Indoor Report

## Photometric Filename:1132.IES

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### Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
$\gamma$ 0.0	1408.21	1408.21	1408.21	1408.21
$\gamma$ 1.0	1426.47	1389.48	1397.93	1375.64
$\gamma$ 2.0	1423.69	1390.86	1375.72	1360.11
$\gamma$ 3.0	1412.73	1387.37	1352.73	1344.82
$\gamma$ 4.0	1388.82	1375.20	1333.49	1330.27
$\gamma$ 5.0	1360.38	1354.04	1315.20	1313.76
$\gamma$ 6.0	1326.99	1328.28	1296.22	1291.34
$\gamma$ 7.0	1299.30	1298.17	1277.50	1261.05
$\gamma$ 8.0	1276.48	1263.03	1260.14	1223.58
$\gamma$ 9.0	1257.93	1231.11	1242.98	1187.82
$\gamma$ 10.0	1239.42	1202.65	1218.53	1151.21
$\gamma$ 11.0	1217.63	1176.75	1183.56	1116.57
$\gamma$ 12.0	1183.21	1145.01	1146.31	1080.17
$\gamma$ 13.0	1141.62	1106.67	1105.64	1042.42
$\gamma$ 14.0	1089.32	1064.64	1065.47	1004.07
$\gamma$ 15.0	1029.27	1018.29	1021.77	960.07
$\gamma$ 16.0	969.53	976.61	974.07	915.67
$\gamma$ 17.0	917.00	936.65	922.51	873.70
$\gamma$ 18.0	872.22	898.81	868.16	835.36
$\gamma$ 19.0	830.05	863.12	813.80	796.91
$\gamma$ 20.0	793.35	828.54	761.75	753.15
$\gamma$ 21.0	758.80	789.50	715.84	705.19
$\gamma$ 22.0	721.33	745.21	675.80	652.81
$\gamma$ 23.0	679.57	699.53	634.88	599.16
$\gamma$ 24.0	633.66	653.90	590.39	546.88
$\gamma$ 25.0	587.33	606.16	545.95	496.48
$\gamma$ 26.0	540.16	558.43	500.05	448.92
$\gamma$ 27.0	490.21	509.40	454.95	405.88
$\gamma$ 28.0	442.89	460.71	410.68	365.23
$\gamma$ 29.0	399.53	417.00	367.64	327.15
$\gamma$ 30.0	359.55	376.85	325.98	291.94
$\gamma$ 31.0	322.52	338.59	287.08	259.92
$\gamma$ 32.0	288.24	303.43	251.51	230.88
$\gamma$ 33.0	256.50	270.95	219.95	205.30
$\gamma$ 34.0	228.36	242.98	192.64	183.04
$\gamma$ 35.0	203.31	218.32	169.05	163.94
$\gamma$ 36.0	180.47	196.39	148.91	146.86
$\gamma$ 37.0	160.81	176.37	131.88	131.79
$\gamma$ 38.0	144.44	158.26	117.78	119.00
$\gamma$ 39.0	131.19	142.86	106.24	107.11
$\gamma$ 40.0	120.88	129.36	97.04	97.08
$\gamma$ 41.0	111.28	117.61	89.39	88.21
$\gamma$ 42.0	103.20	107.52	83.49	80.72
$\gamma$ 43.0	95.82	99.02	78.30	74.43
$\gamma$ 44.0	89.07	91.77	73.26	69.11
$\gamma$ 45.0	83.35	85.00	68.64	64.73
$\gamma$ 46.0	77.89	78.91	64.00	60.57

# IES Indoor Report

## Photometric Filename:1132.IES

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### Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	72.92	73.32	59.78	56.78
γ 48.0	68.30	67.53	55.84	53.35
γ 49.0	63.42	62.76	52.15	50.05
γ 50.0	59.02	58.57	48.53	46.99
γ 51.0	54.78	54.70	45.31	44.24
γ 52.0	51.12	51.11	42.49	41.75
γ 53.0	48.08	48.36	39.93	39.47
γ 54.0	46.02	46.70	37.54	37.47
γ 55.0	44.58	45.20	35.55	35.78
γ 56.0	43.36	42.85	33.60	34.22
γ 57.0	42.25	40.40	31.86	32.55
γ 58.0	40.94	38.14	30.15	30.97
γ 59.0	39.11	36.36	28.54	29.74
γ 60.0	36.89	35.04	27.26	28.88
γ 61.0	35.23	33.69	26.56	28.10
γ 62.0	33.50	32.49	26.06	27.01
γ 63.0	32.09	31.29	25.61	25.39
γ 64.0	30.80	29.84	24.37	23.56
γ 65.0	29.18	28.29	22.46	21.81
γ 66.0	27.11	26.75	21.04	20.41
γ 67.0	24.67	25.14	19.92	19.17
γ 68.0	22.39	23.50	18.57	18.00
γ 69.0	21.05	21.94	17.13	16.76
γ 70.0	20.09	20.00	15.87	15.64
γ 71.0	18.90	18.35	14.74	14.63
γ 72.0	17.46	17.04	13.58	13.61
γ 73.0	16.11	15.78	12.56	12.64
γ 74.0	14.96	14.49	11.48	11.77
γ 75.0	13.77	13.22	10.48	10.94
γ 76.0	12.59	11.97	9.39	10.18
γ 77.0	11.59	10.81	8.47	9.51
γ 78.0	10.58	9.81	7.61	8.93
γ 79.0	9.59	8.84	6.97	8.28
γ 80.0	8.66	7.97	6.32	7.59
γ 81.0	7.71	7.05	5.63	6.80
γ 82.0	6.92	6.24	4.89	5.94
γ 83.0	6.03	5.44	4.09	4.97
γ 84.0	5.18	4.77	3.23	3.99
γ 85.0	4.23	4.00	2.38	3.13
γ 86.0	3.23	3.19	1.49	2.39
γ 87.0	2.27	2.33	0.74	2.08
γ 88.0	1.43	1.38	0.06	2.14
γ 89.0	0.63	0.48	0.00	2.33
γ 90.0	0.00	0.00	0.00	2.25
γ 91.0	0.00	0.00	0.00	1.79
γ 92.0	0.00	0.00	0.00	1.49
γ 93.0	0.00	0.00	0.00	1.36



# IES Indoor Report

## Photometric Filename:1132.IES

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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	1.01
γ 95.0	0.00	0.00	0.00	0.74
γ 96.0	0.00	0.00	0.00	0.69
γ 97.0	0.00	0.00	0.00	0.74
γ 98.0	0.00	0.00	0.00	0.63
γ 99.0	0.00	0.00	0.00	0.47
γ 100.0	0.00	0.00	0.00	0.34
γ 101.0	0.00	0.00	0.00	0.22
γ 102.0	0.00	0.00	0.00	0.14
γ 103.0	0.00	0.00	0.00	0.05
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	0.01
γ 140.0	0.00	0.00	0.00	0.09

# IES Indoor Report

## Photometric Filename:1132.IES

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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	0.17
γ 142.0	0.01	0.00	0.00	0.27
γ 143.0	0.15	0.00	0.00	0.35
γ 144.0	0.26	0.00	0.00	0.47
γ 145.0	0.34	0.00	0.00	0.55
γ 146.0	0.41	0.00	0.00	0.62
γ 147.0	0.49	0.00	0.00	0.72
γ 148.0	0.59	0.07	0.09	0.80
γ 149.0	0.69	0.19	0.18	0.88
γ 150.0	0.76	0.27	0.29	1.00
γ 151.0	0.84	0.39	0.38	1.07
γ 152.0	0.95	0.46	0.47	1.14
γ 153.0	1.04	0.55	0.55	1.26
γ 154.0	1.10	0.63	0.65	1.35
γ 155.0	1.21	0.73	0.76	1.39
γ 156.0	1.29	0.86	0.82	1.50
γ 157.0	1.36	0.92	0.89	1.59
γ 158.0	1.43	1.00	1.00	1.61
γ 159.0	1.52	1.08	1.07	1.66
γ 160.0	1.58	1.14	1.12	1.79
γ 161.0	1.64	1.24	1.20	1.85
γ 162.0	1.74	1.32	1.28	1.88
γ 163.0	1.80	1.36	1.33	1.98
γ 164.0	1.84	1.43	1.39	2.02
γ 165.0	1.92	1.51	1.50	2.08
γ 166.0	1.99	1.58	1.54	2.14
γ 167.0	2.03	1.65	1.59	2.18
γ 168.0	2.07	1.73	1.61	2.23
γ 169.0	2.13	1.78	1.67	2.26
γ 170.0	2.16	1.82	1.71	2.28
γ 171.0	2.23	1.89	1.75	2.33
γ 172.0	2.26	1.90	1.78	2.33
γ 173.0	2.30	1.94	1.84	2.38
γ 174.0	2.33	2.02	1.86	2.40
γ 175.0	2.35	2.01	1.91	2.43
γ 176.0	2.38	2.08	1.88	2.44
γ 177.0	2.37	2.11	1.92	2.43
γ 178.0	2.38	2.15	1.95	2.45
γ 179.0	2.44	2.16	1.95	2.43
γ 180.0	2.22	2.22	2.22	2.22