

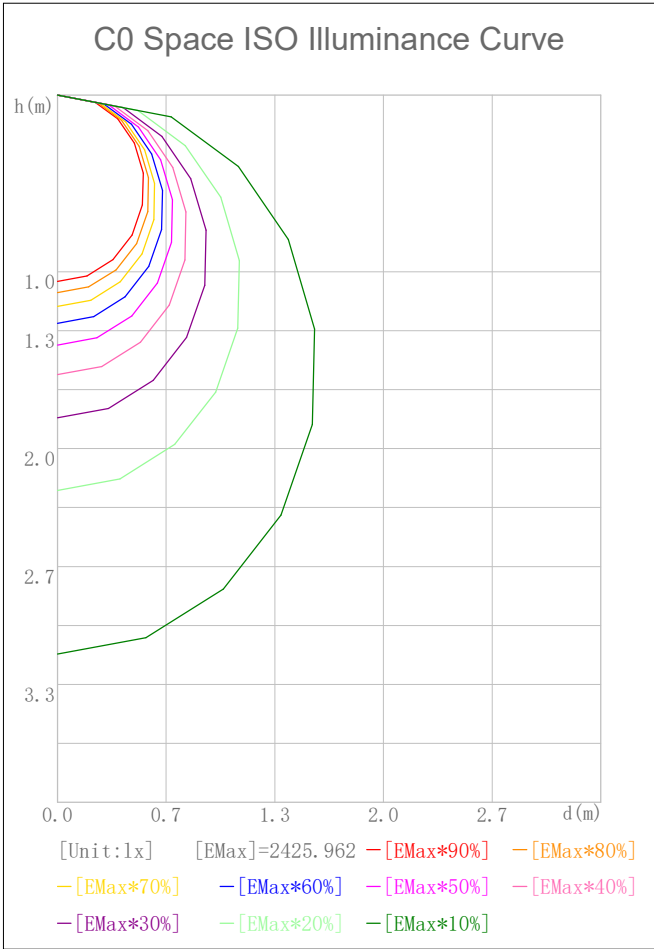
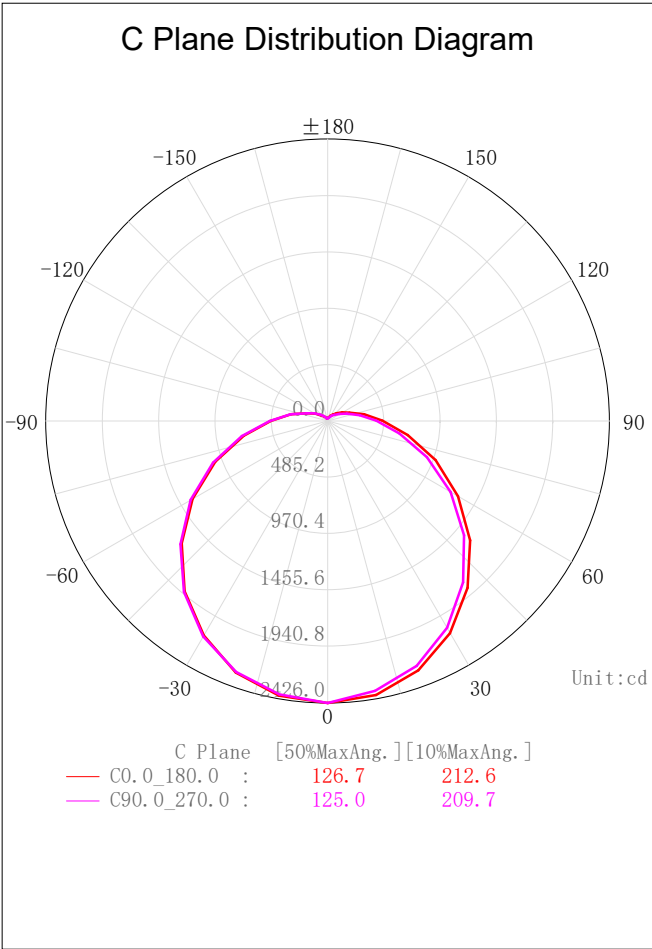
Indoor Luminaire Photometric Data

Description Information

Luminary Name:		Lum. Catelog:	Test ID:
Lamp Name:		Lamp Catelog:	Test Date: 2022/09/29
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency(Hz):	Lamp CCT(K): Ra:
Lum. Size (W*L*H) :0.063m*1.820m*0.073m		Lum. Area (m2) :0.248	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=45.0 γ=10.0	Temp. (°C): 25	Humidity(%): 50.0

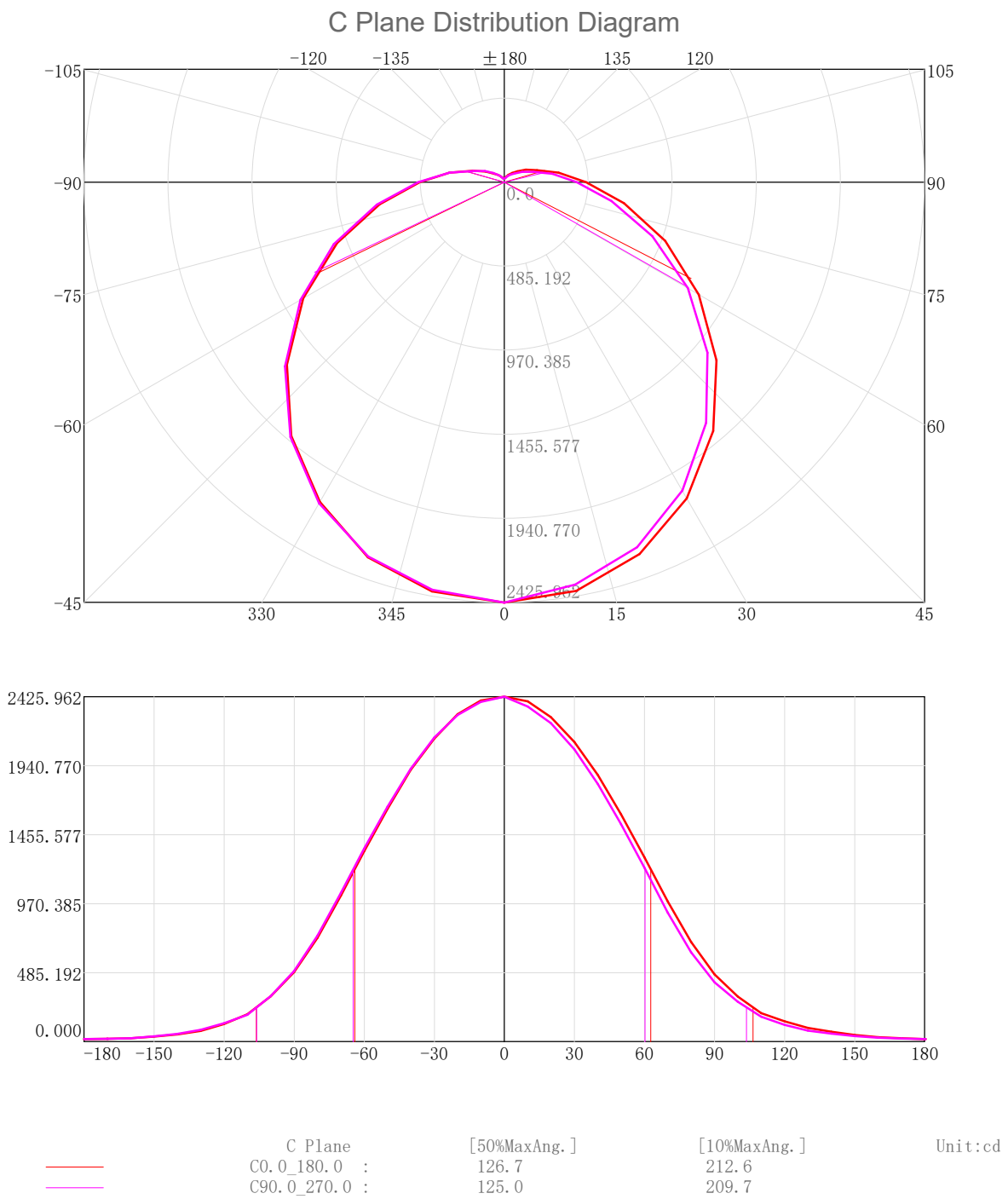
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 11700.000	Luminary Flux(lm): 9388.296	Field Angle(10%Imax): 212.6(°)	
Rated Power(W):	Luminary Efficiency: 80.24%	Down Lumens&Percent: 8357.7851m 89.02%	
Rated Voltage(V):	Luminary EER(lm/W): 125.899	Up Lumens&Percent: 1030.5121m 10.98%	
Tested Power(W): 74.570	Max. Candela(cd): 2425.962	S/MH: C0_a180=1.304 C90_270=1.291	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=0.0	CIE Type: General Diffuse	
Tested Electrics(V, A, pf):231.5, 0.327, 0.984		ErP Φuse(120°): 5801.2021m	
Lamp Size(W*L*H):0.063m*1.820m*0.073m	Left=-64.0° ,Right=62.7°	IRF(%): 104.151	



2D Plane Light Intensity Distribution Curve

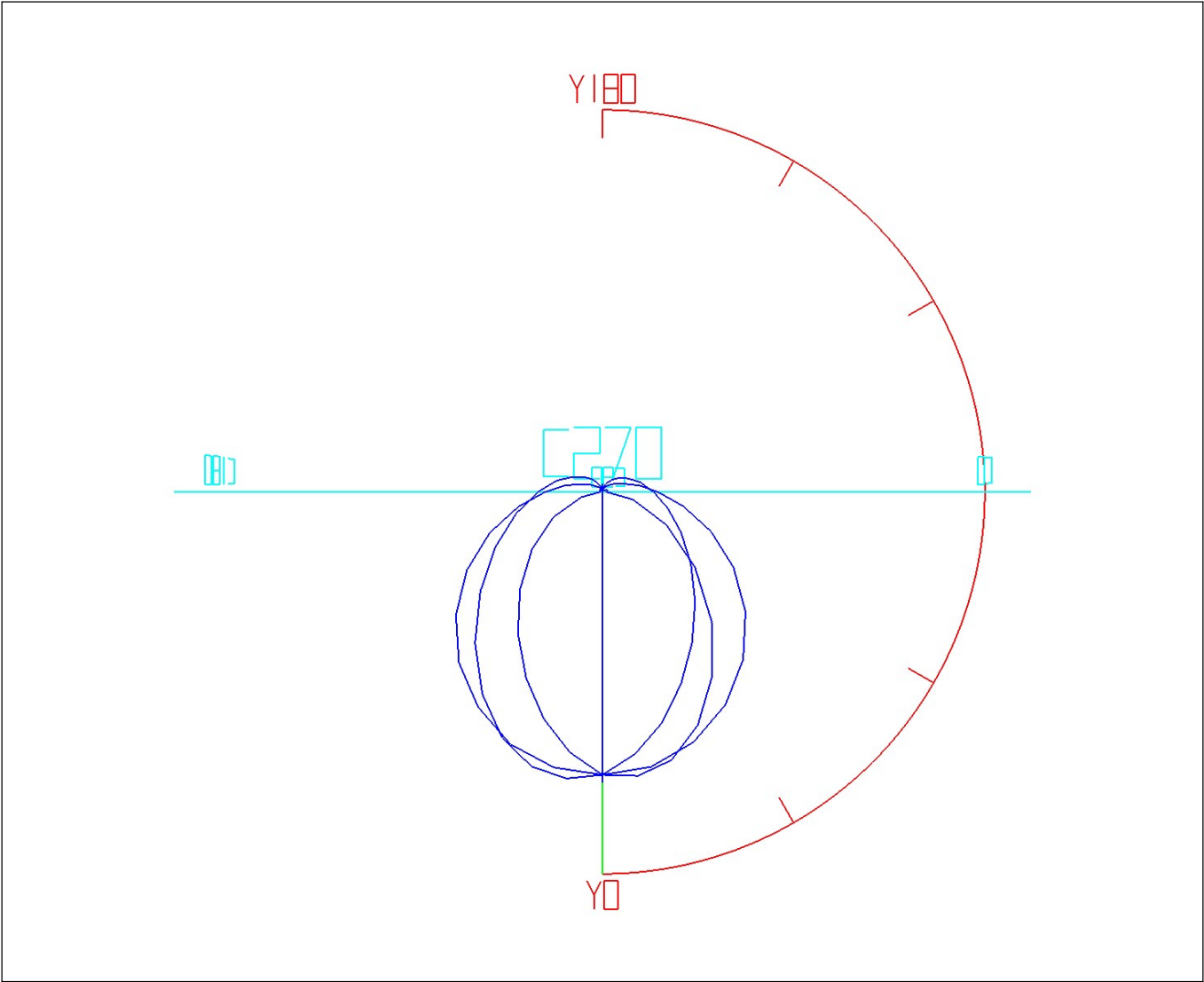
Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/09/29



3D Light Intensity Distribution Modal

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/09/29

3D Light Intensity Distribution Modal



Curves:3D Model — Fixture — Vert. HUD — Hori. HUD —

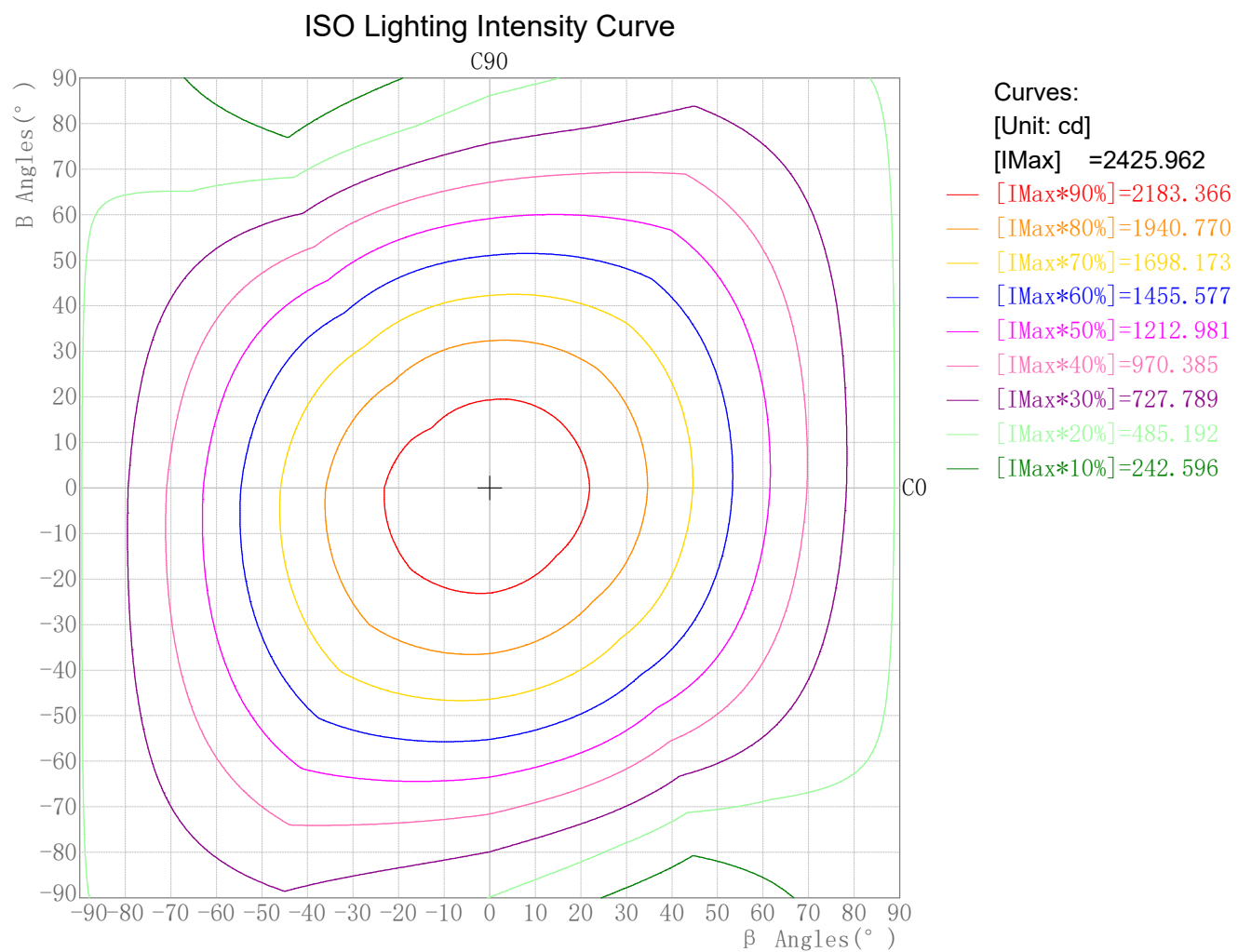
View Angles:Orient:0Tilt:0Roll:0Spin:0

Zonal Flux Tabulation

Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0. 0-10. 0	229. 36	229. 36	1. 96	1. 96
10. 0-20. 0	659. 59	888. 96	5. 64	7. 60
20. 0-30. 0	1012. 46	1901. 42	8. 65	16. 25
30. 0-40. 0	1248. 14	3149. 56	10. 67	26. 92
40. 0-50. 0	1344. 40	4493. 96	11. 49	38. 41
50. 0-60. 0	1296. 60	5790. 55	11. 08	49. 49
60. 0-70. 0	1121. 64	6912. 19	9. 59	59. 08
70. 0-80. 0	860. 12	7772. 31	7. 35	66. 43
80. 0-90. 0	585. 48	8357. 78	5. 00	71. 43
90. 0-100. 0	388. 51	8746. 30	3. 32	74. 75
100. 0-110. 0	259. 96	9006. 26	2. 22	76. 98
110. 0-120. 0	163. 38	9169. 64	1. 40	78. 37
120. 0-130. 0	100. 89	9270. 53	0. 86	79. 24
130. 0-140. 0	59. 21	9329. 74	0. 51	79. 74
140. 0-150. 0	32. 85	9362. 59	0. 28	80. 02
150. 0-160. 0	16. 45	9379. 04	0. 14	80. 16
160. 0-170. 0	7. 26	9386. 30	0. 06	80. 22
170. 0-180. 0	2. 00	9388. 30	0. 02	80. 24

Rectangle ISO Lighting Intensity Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/09/29

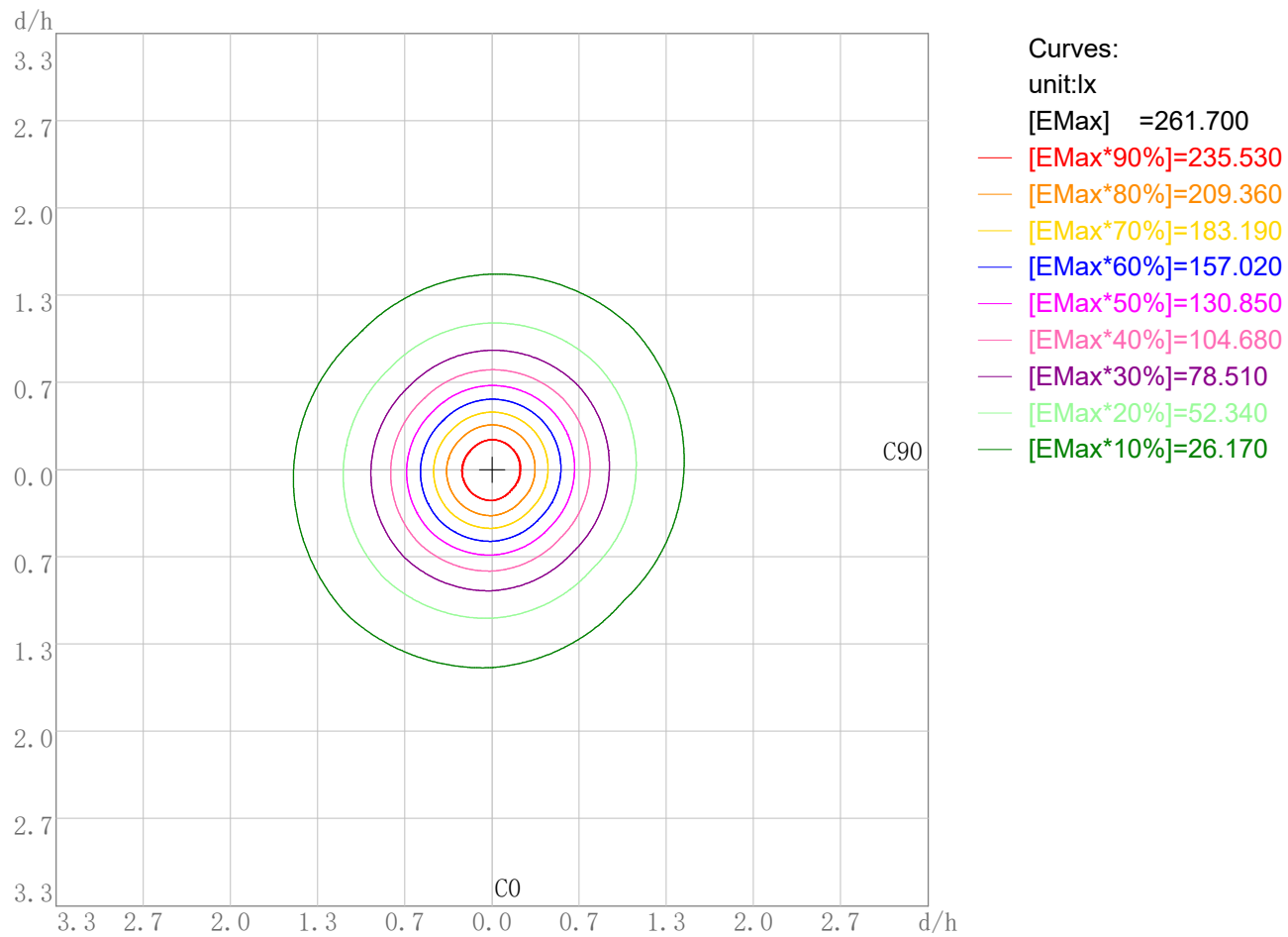


Maximum Light Intensity(cd): 2425.96
Maximum Cand.@Angle: H=0.0°,V=0.0°

Plane ISO-Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/09/29

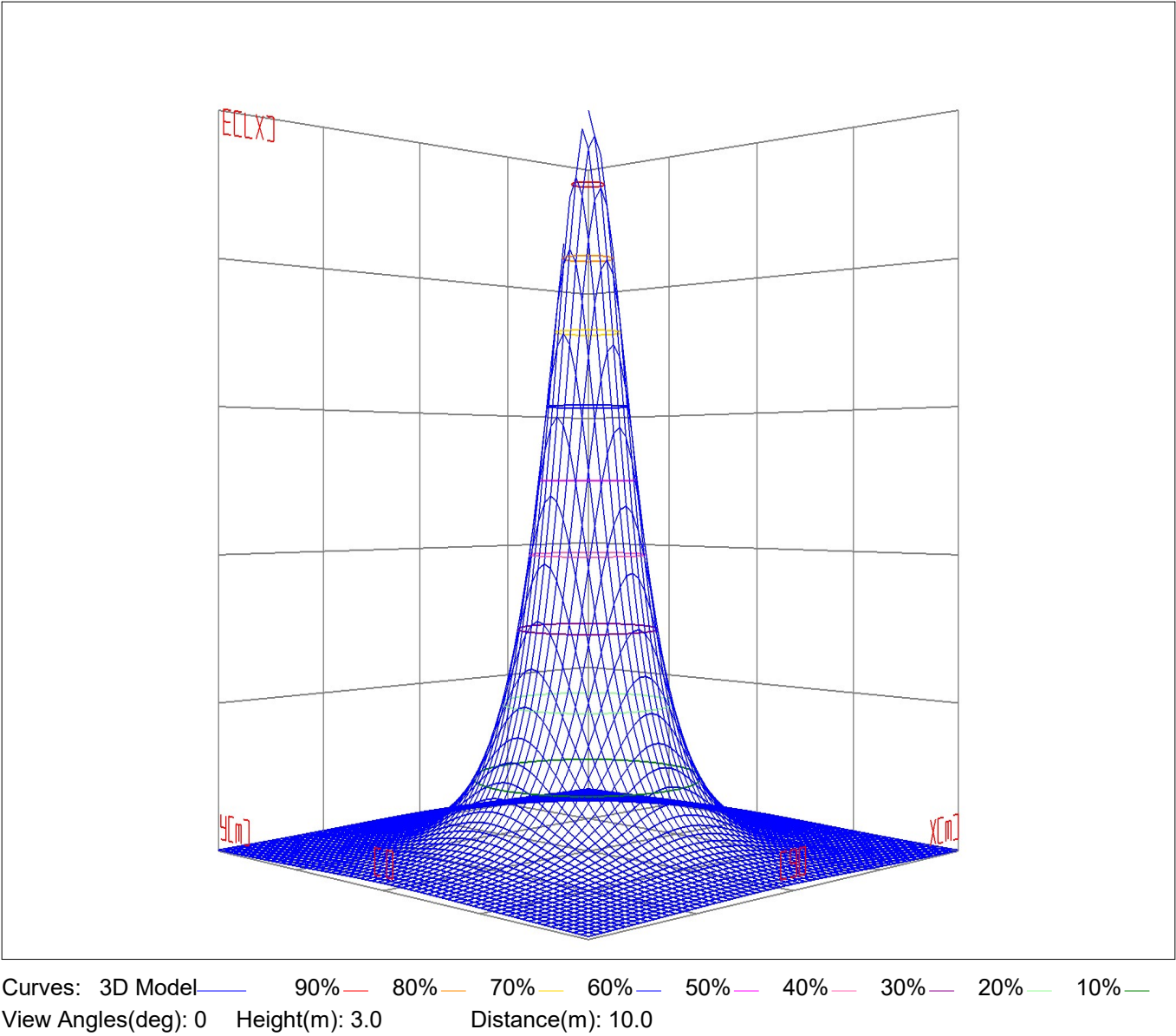
Plane ISO-Illuminance Curve



3D Plane ISO Illuminance Diagram

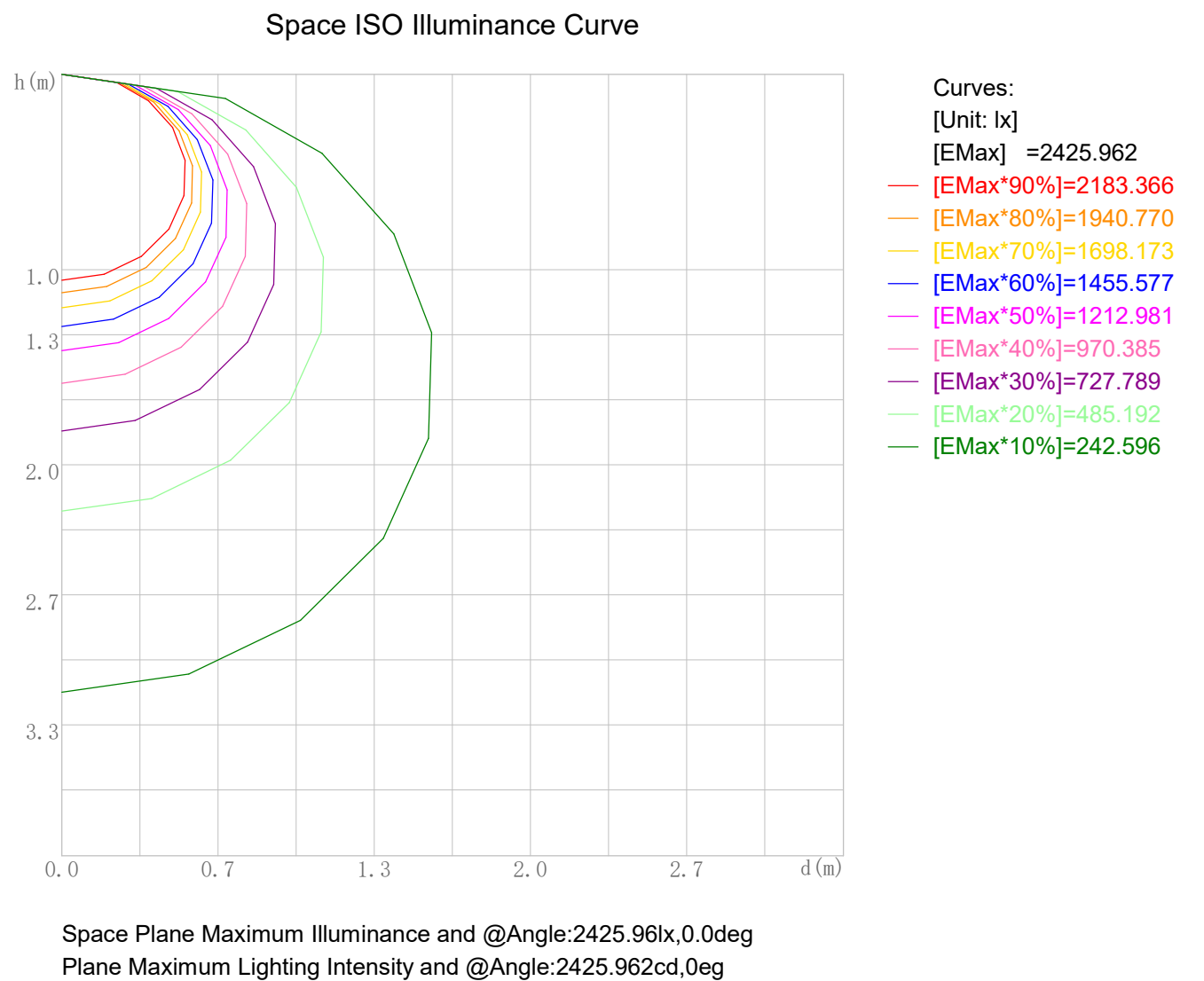
Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/09/29

3D Plane Illuminance Modal



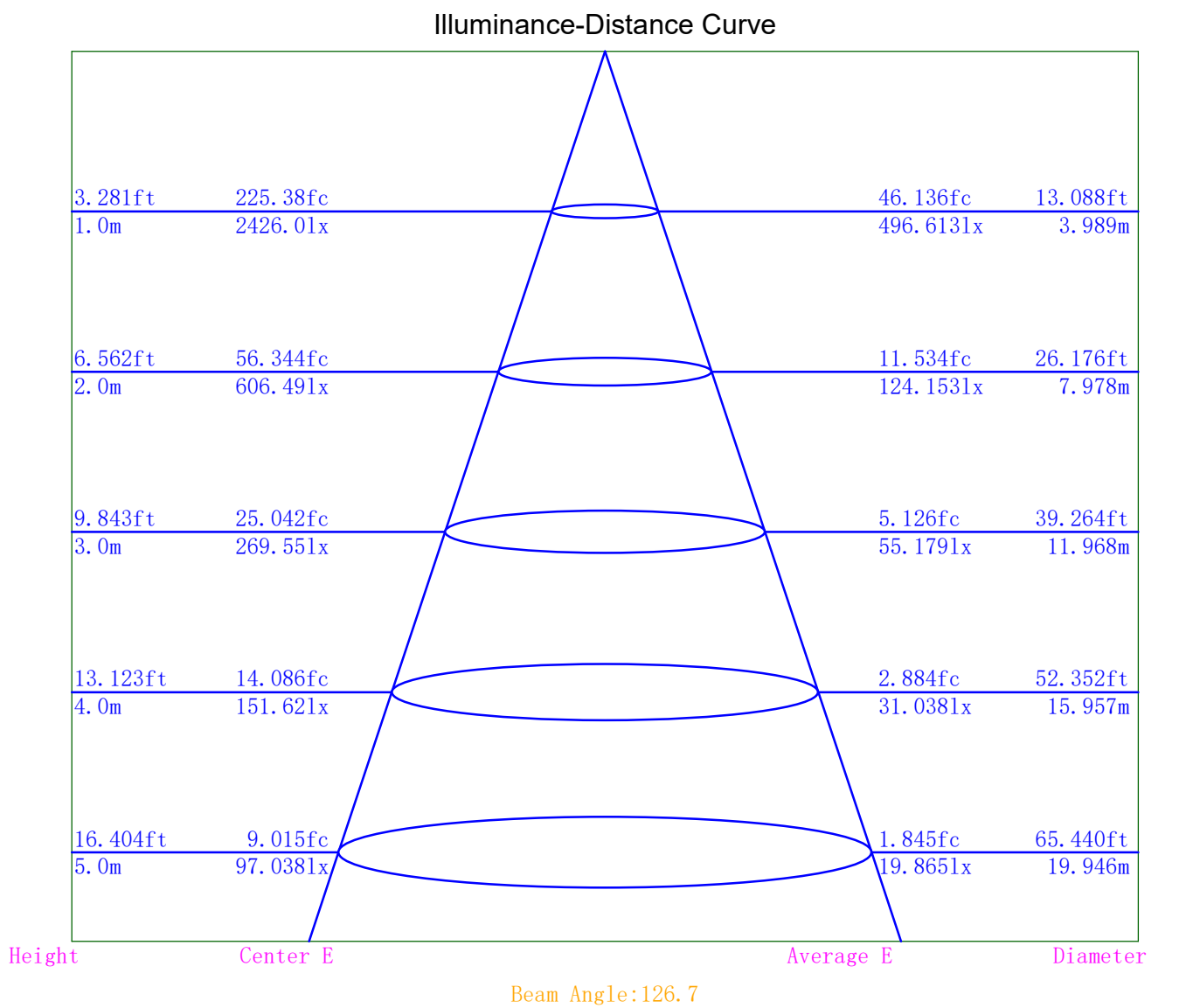
Space ISO Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/09/29



Illuminance-Distance Diagram

Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/09/29



Indoor Luminance Limiting Curves

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/09/29

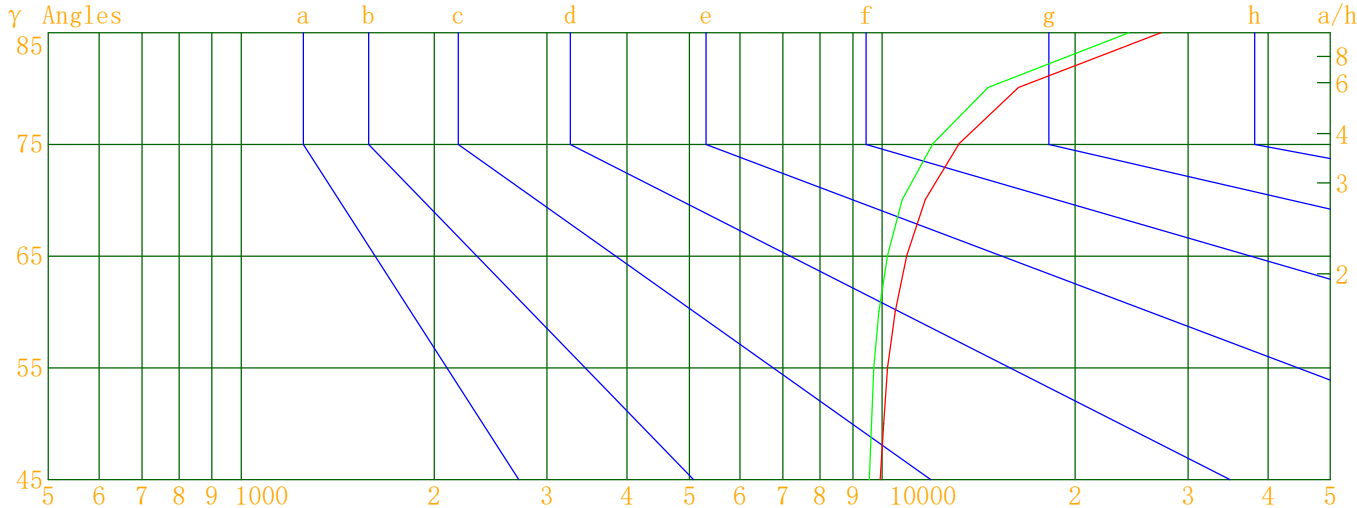
Glare Grade Table

GI	Quality	Using Illuminance							
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	9926	10053	10198	10473	10920	11675	13185	16309	27210
C90	9550	9621	9697	9879	10191	10743	12004	14623	24271

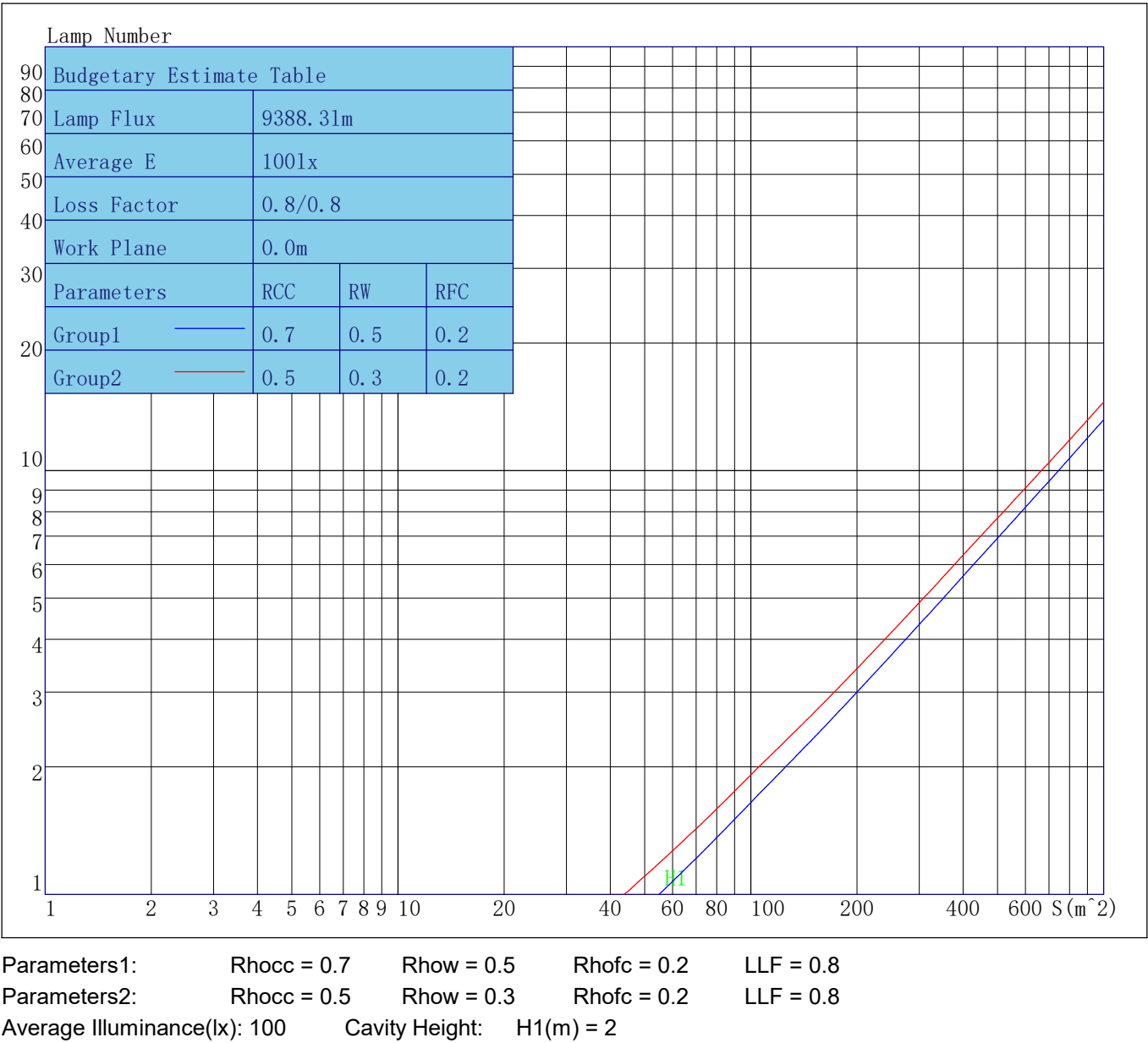
Luminance Limiting Curve



Luminous Size: Length(m)=1.820 Width(m)=0.063 Height(m)=0.073 Area(m^2)=0.247520
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

Indoor Budgetary Estimate Table

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/09/29



Indoor Coefficient of Utilization Table

Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/09/29

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	93	93	93	93	90	90	90	90	84	84	84	79	79	79	74	74	74	71
1	83	79	75	71	80	76	72	69	71	68	65	66	64	62	62	60	58	56
2	75	68	61	56	72	65	60	55	61	56	52	57	53	50	53	50	47	45
3	68	59	52	46	65	57	50	45	53	48	43	50	45	41	47	43	39	37
4	62	52	44	38	59	50	43	38	47	41	36	44	39	35	41	37	33	31
5	57	46	38	33	54	45	37	32	42	36	31	39	34	30	37	32	29	27
6	52	41	34	28	50	40	33	28	38	32	27	35	30	26	33	29	25	23
7	48	37	30	25	47	36	29	24	34	28	24	32	27	23	30	26	22	20
8	45	34	27	22	43	33	26	22	31	25	21	29	24	20	28	23	20	18
9	42	31	24	20	40	30	24	19	29	23	19	27	22	18	26	21	18	16
10	39	29	22	18	38	28	22	18	26	21	17	25	20	17	24	19	16	15

Unified Glare Rating Table

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/09/29

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	20.5	21.8	21.0	22.4	22.9	20.2	21.5	20.7	22.1	22.6
	22.7	23.9	23.3	24.4	25.1	22.3	23.5	22.9	24.0	24.7
	23.9	25.0	24.4	25.5	26.2	23.4	24.5	24.0	25.1	25.7
	25.1	26.1	25.6	26.6	27.3	24.5	25.5	25.1	26.1	26.8
	25.7	26.7	26.3	27.3	27.9	25.2	26.1	25.7	26.7	27.3
	26.5	27.4	27.1	27.9	28.6	25.9	26.8	26.5	27.3	28.0
X=4H Y=2H	21.4	22.5	22.0	23.1	23.7	21.1	22.2	21.7	22.8	23.4
	23.9	24.7	24.4	25.3	26.0	23.5	24.4	24.1	25.0	25.6
	25.2	25.9	25.8	26.5	27.2	24.7	25.5	25.3	26.1	26.8
	26.6	27.2	27.2	27.8	28.5	26.1	26.7	26.7	27.3	28.0
	27.3	27.9	27.9	28.5	29.2	26.8	27.3	27.4	28.0	28.7
	28.2	28.7	28.8	29.3	30.0	27.6	28.1	28.2	28.7	29.4
X=8H Y=4H	25.7	26.3	26.4	26.9	27.7	25.3	25.9	26.0	26.5	27.3
	27.4	27.8	28.1	28.5	29.2	26.9	27.3	27.6	28.0	28.8
	28.3	28.6	29.0	29.3	30.1	27.8	28.1	28.5	28.8	29.6
	29.4	29.6	30.1	30.3	31.1	28.9	29.1	29.6	29.8	30.6
X=12H Y=4H	25.9	26.3	26.5	27.0	27.7	25.5	25.9	26.1	26.6	27.3
	27.6	27.9	28.3	28.6	29.4	27.2	27.5	27.9	28.1	28.9
	28.7	28.9	29.4	29.6	30.4	28.2	28.4	28.9	29.1	29.9
Variations with the objerver position at spacings										
S=1.0H	0.1/-0.1					0.2/-0.3				
S=1.5H	0.2/-0.4					0.3/-0.4				
S=2.0H	0.2/-0.3					0.3/-0.4				
Reduced UGR Table:										
Nordic Standard Table:	BKO					BKO				
Correction Value	4.9					4.8				

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

IES Indoor Report
Photometric Filename:NET-41-11-10 75W 3000K.IES

Candela Tabulation

V/H	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0
γ 0.0	2425.96	2425.96	2425.96	2425.96	2425.96	2425.96	2425.96	2425.96
γ 10.0	2393.89	2373.17	2357.34	2358.06	2398.64	2394.55	2388.89	2372.92
γ 20.0	2282.98	2265.68	2240.84	2225.55	2303.03	2313.69	2297.93	2263.00
γ 30.0	2107.12	2096.01	2054.92	2027.53	2129.80	2174.67	2138.80	2076.58
γ 40.0	1875.14	1887.83	1812.02	1765.35	1911.78	1982.73	1919.73	1829.57
γ 50.0	1599.39	1644.85	1530.77	1445.07	1637.91	1751.20	1652.44	1529.40
γ 60.0	1296.16	1381.16	1222.57	1074.56	1339.13	1493.14	1357.96	1167.83
γ 70.0	988.41	1116.65	909.45	669.79	1027.13	1224.49	1047.10	764.21
γ 80.0	700.98	869.04	628.52	265.86	731.09	961.31	746.65	357.83
γ 90.0	473.01	658.23	418.65	21.05	488.78	725.89	497.08	41.81
γ 100.0	318.66	488.58	281.55	42.47	321.09	531.02	321.61	67.92
γ 110.0	201.43	345.92	177.05	34.85	192.79	364.96	190.29	51.46
γ 120.0	143.68	245.38	119.43	28.39	123.71	249.83	129.93	34.49
γ 130.0	98.55	169.31	78.77	23.28	76.27	167.40	84.31	26.53
γ 140.0	70.09	113.23	58.10	19.82	52.56	107.49	56.29	21.26
γ 150.0	48.33	73.88	40.98	18.34	35.68	62.93	37.87	19.71
γ 160.0	33.52	45.32	29.05	17.67	24.38	36.86	25.81	18.32
γ 170.0	25.17	27.79	23.29	19.28	20.46	22.40	21.02	19.64
γ 180.0	19.45	19.45	19.45	19.45	19.45	19.45	19.45	19.45