IES Indoor Report
Photometric Filename:UL-1006-0300-CH-(4).IES

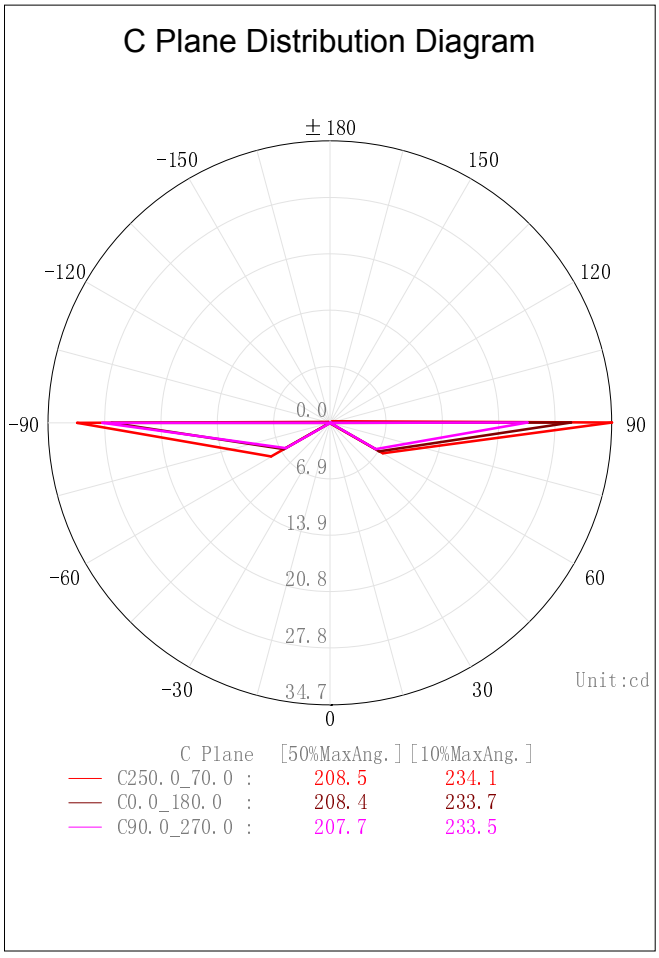
Indoor Luminaire Photometric Data

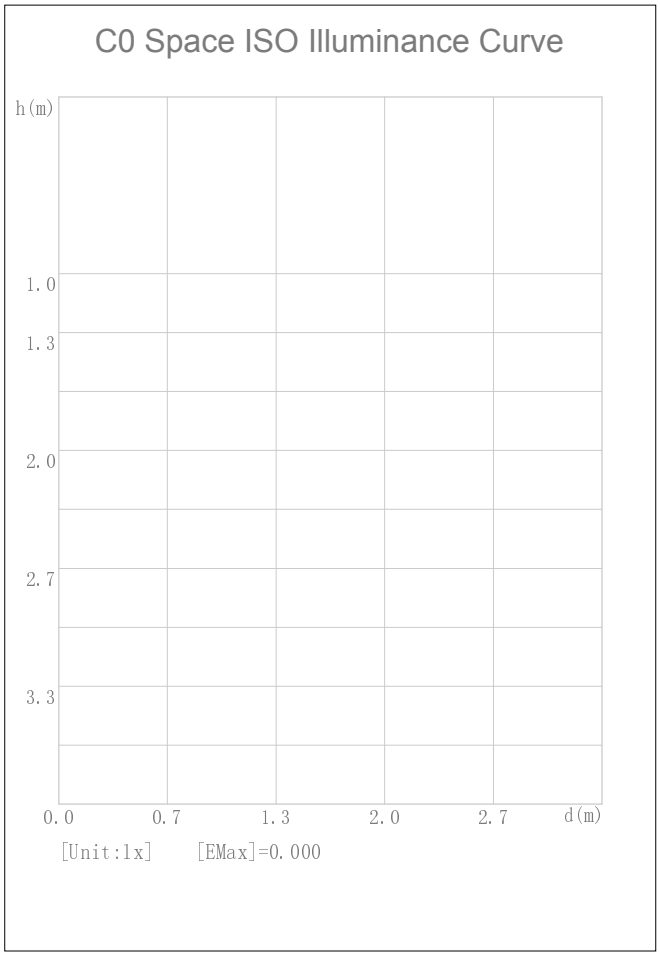
Description Information

Luminary Name:		Lum. Catelog:	Test ID:
Lamp Name:		Lamp Catelog:	Test Date: 2024/07/08
Manufacture:		Shld.Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency(Hz):	Lamp CCT(K): 3000 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=1.0 γ=30.0	Temp.(℃): 25	Humidity(%): 50.0

Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter			
Rated Flux(lm):	101.830	Luminary Flux(lm):	101.827	Field Angle(10%Imax):	234.1(°)
Rated Power(W):	3	Luminary Efficiency:	100.00%	Down Lumens&Percent:	59.0401m 57.98%
Rated Voltage(V):	220	Luminary EER(lm/W):	35.480	Up Lumens&Percent:	42.7881m 42.02%
Tested Power(W):	2.870	Max.Candela(cd):	34.718	S/MH:	C0_a180=1.155 C90_270=-1.#IO
Lamps' Inside:	1	Max Cand@Ang.(°):	C=250.0 γ=90.0	CIE Type:	Semi-Indirect
Tested Electrics(V,A,pf):223.5,0.026,0.482		Beam Angle(50%Imax):	208.5(°)	ErP Φuse(90°):	1.525lm
Lamp Size(W*L*H):0.050m*-0.050m*0.000m		Left=-103.3°,Right=105.1°		IRF(%):	114.210





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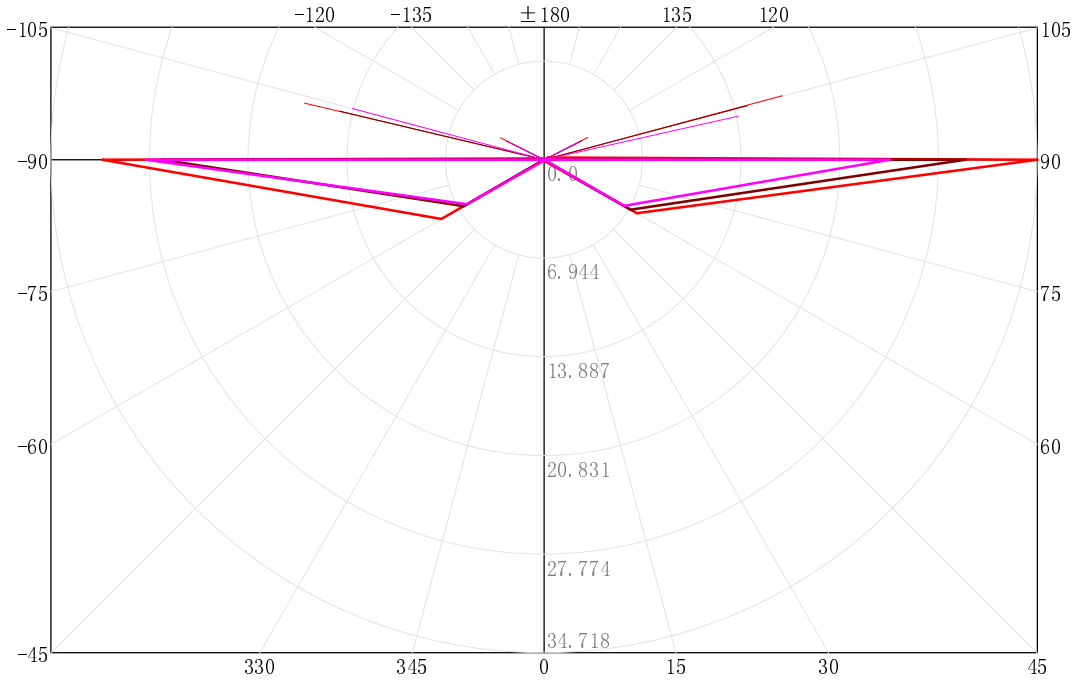
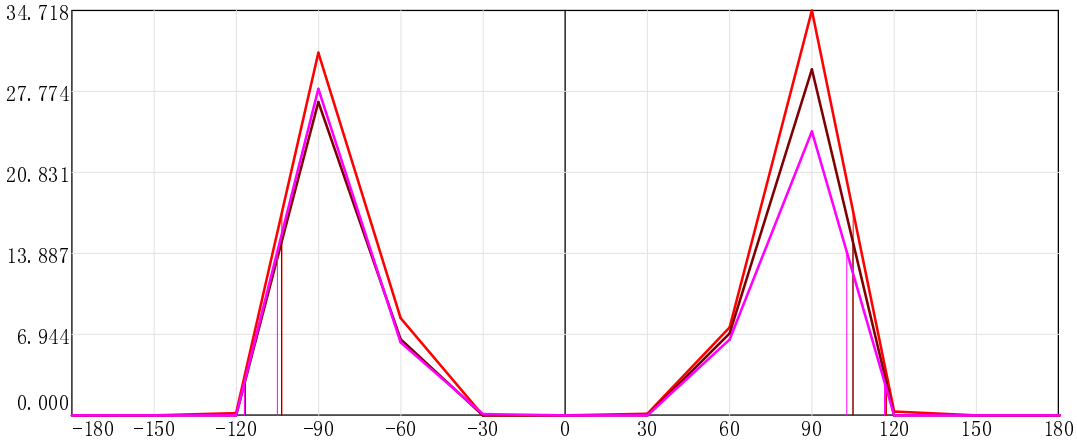
2D Plane Light Intensity Distribution Curve

Lum.Name:	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/07/08

C Plane Distribution Diagram





C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
C250.0_70.0 :	208.5	234.1	
C0.0_180.0 :	208.4	233.7	
C90.0_270.0 :	207.7	233.5	

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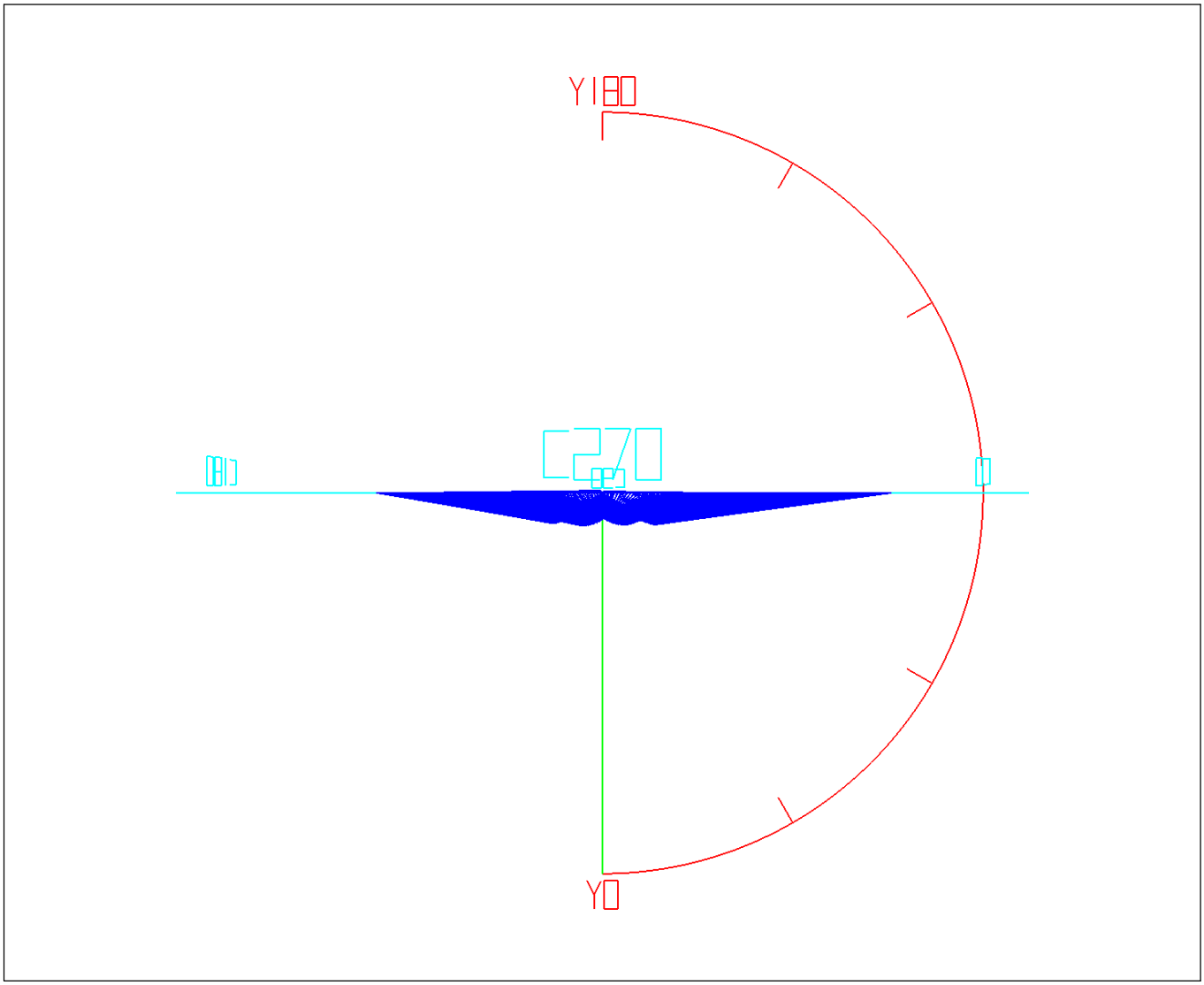
3D Light Intensity Distribution Modal

Lum.Name:	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/07/08

3D Light Intensity Distribution Modal



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

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

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Zonal Flux Tabulation

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-30.0	0.01	0.01	0.01	0.01
30.0-60.0	6.92	6.93	6.80	6.81
60.0-90.0	52.11	59.04	51.17	57.98
90.0-120.0	42.75	101.79	41.98	99.96
120.0-150.0	0.04	101.83	0.04	100.00
150.0-180.0	0.00	101.83	0.00	100.00

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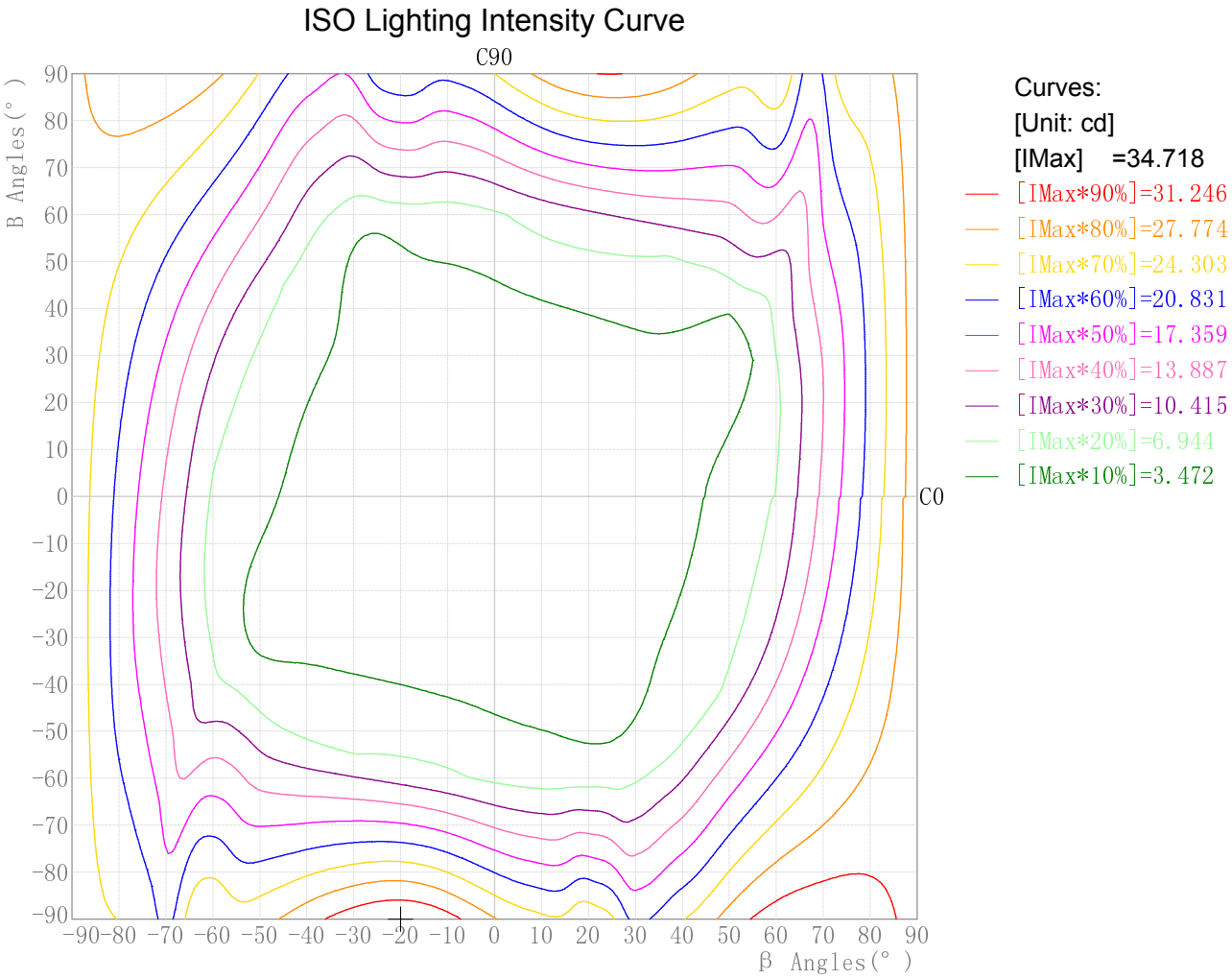
Rectangle ISO Lighting Intensity Diagram

Lum.Name:	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/07/08



Maximum Light Intensity(cd): 34.72

Maximum Cand.@Angle: H=-20.0°,V=-90.0°

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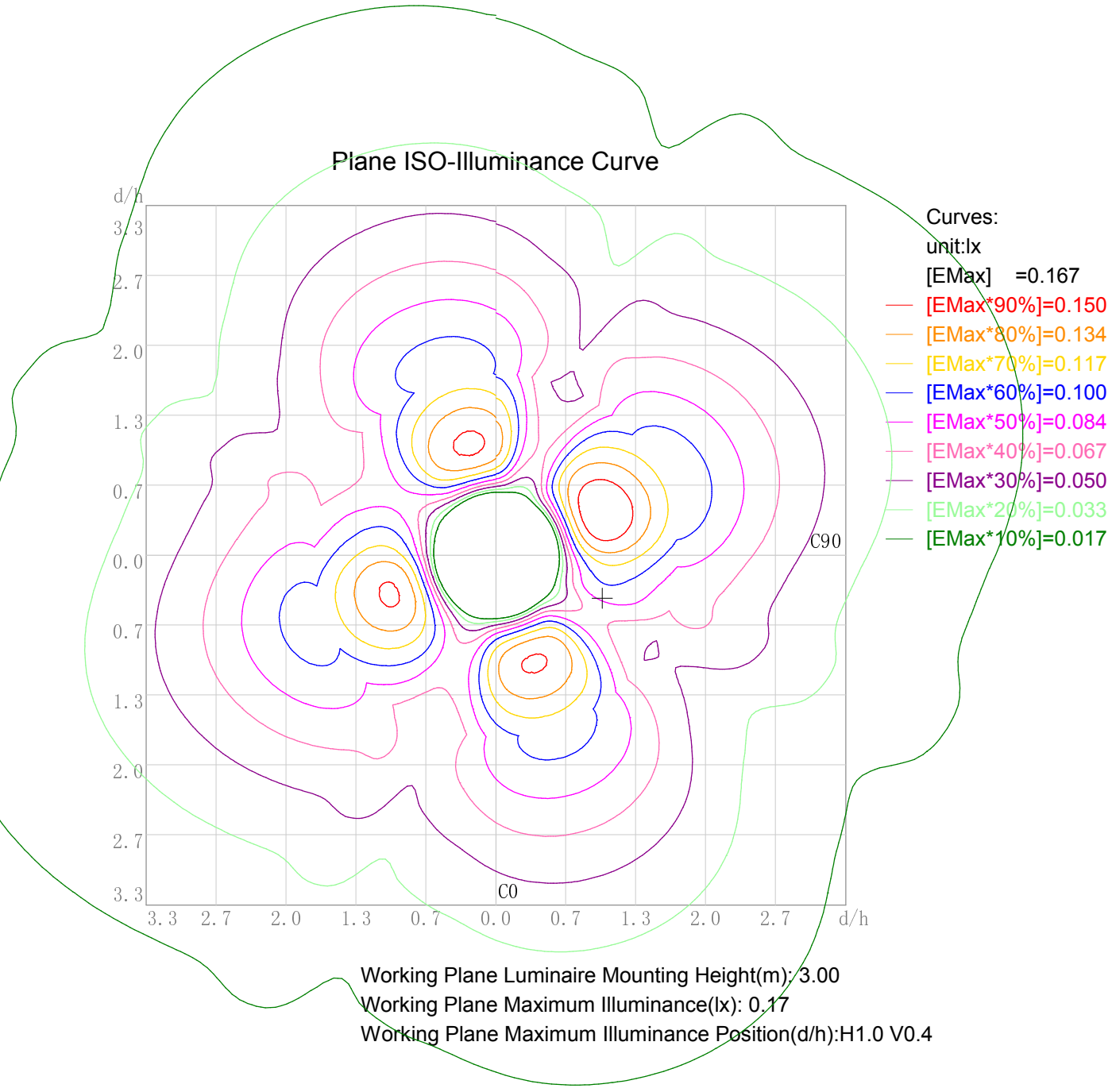
Plane ISO-Illuminance Diagram

Lum.Name:	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/07/08



Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 0.17
Working Plane Maximum Illuminance Position(d/h):H1.0 V0.4

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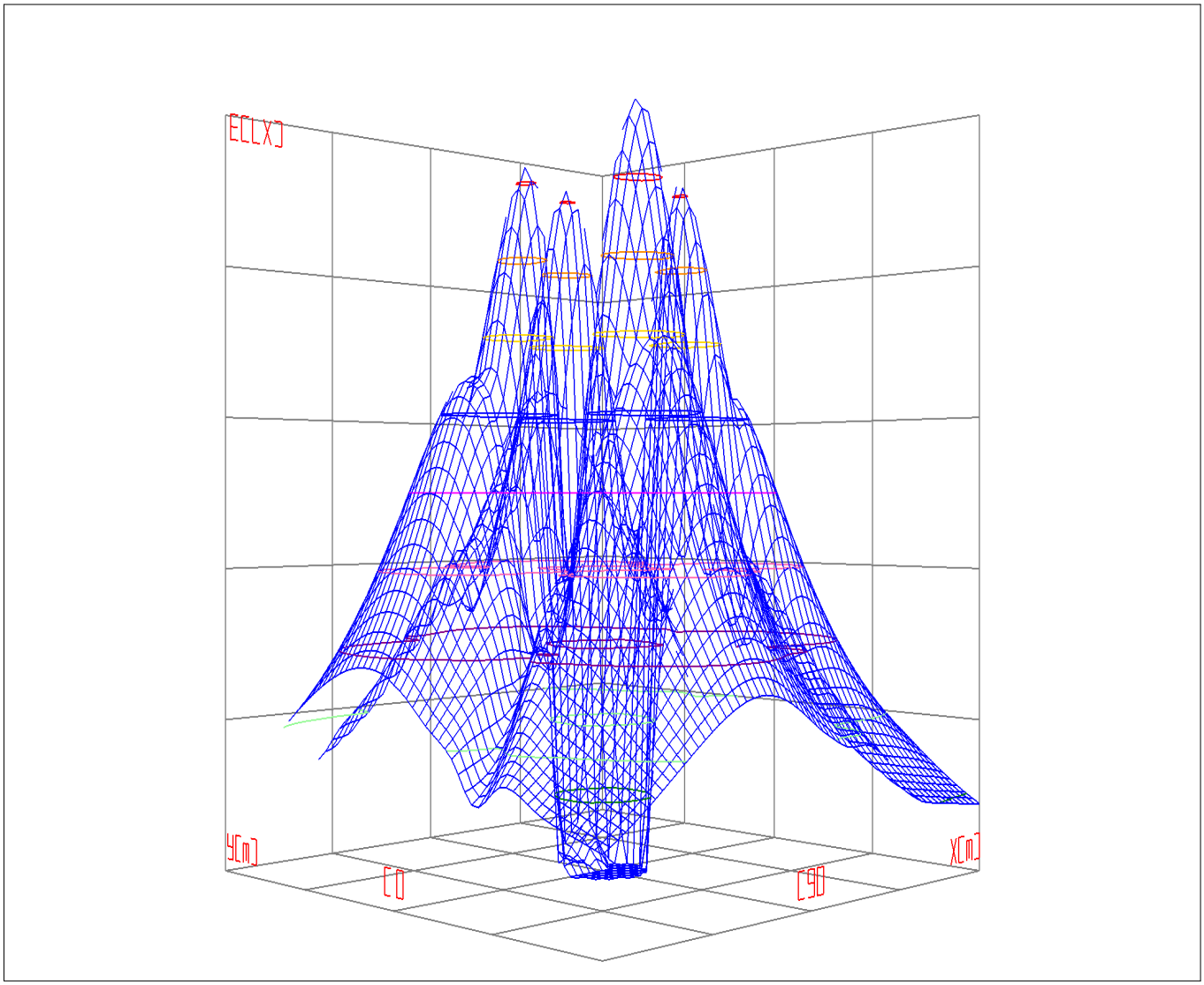
3D Plane ISO Illuminance Diagram

Lum.Name:	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/07/08

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
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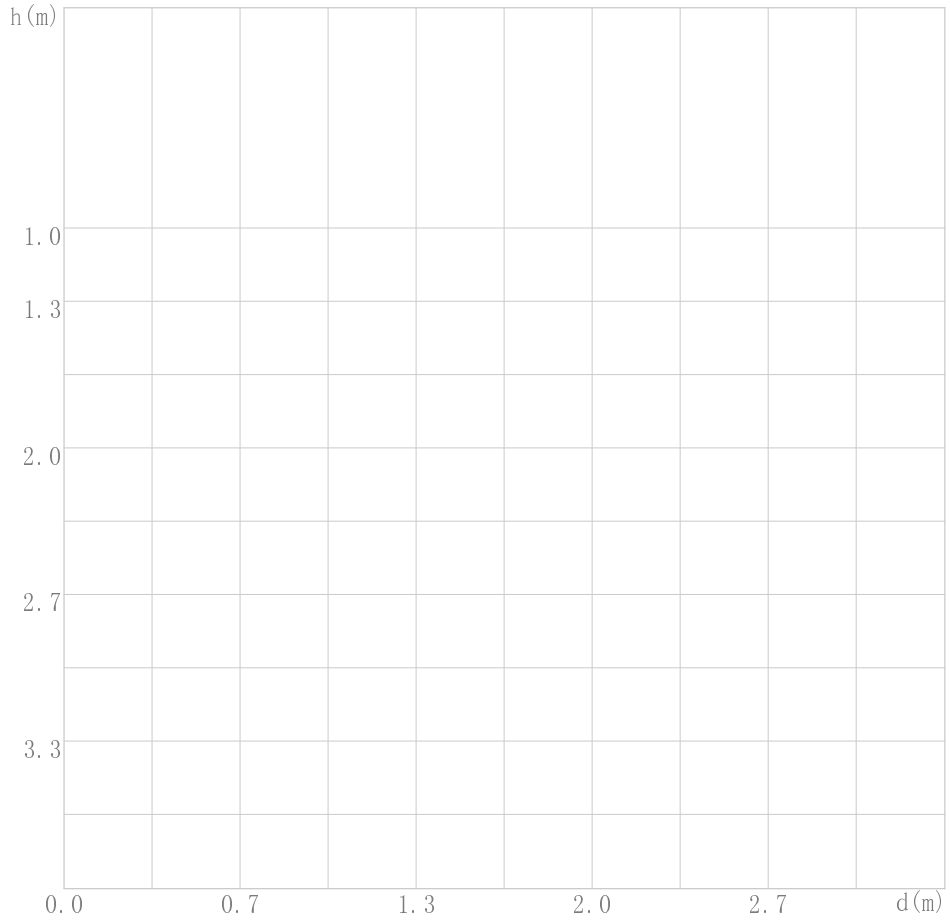
Space ISO Illuminance Diagram

Lum.Name:	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/07/08

Space ISO Illuminance Curve



Curves:
[Unit: lx]
[EMax] =0.000

Space Plane Maximum Illuminance and @Angle:0.00lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:0.000cd,0eg

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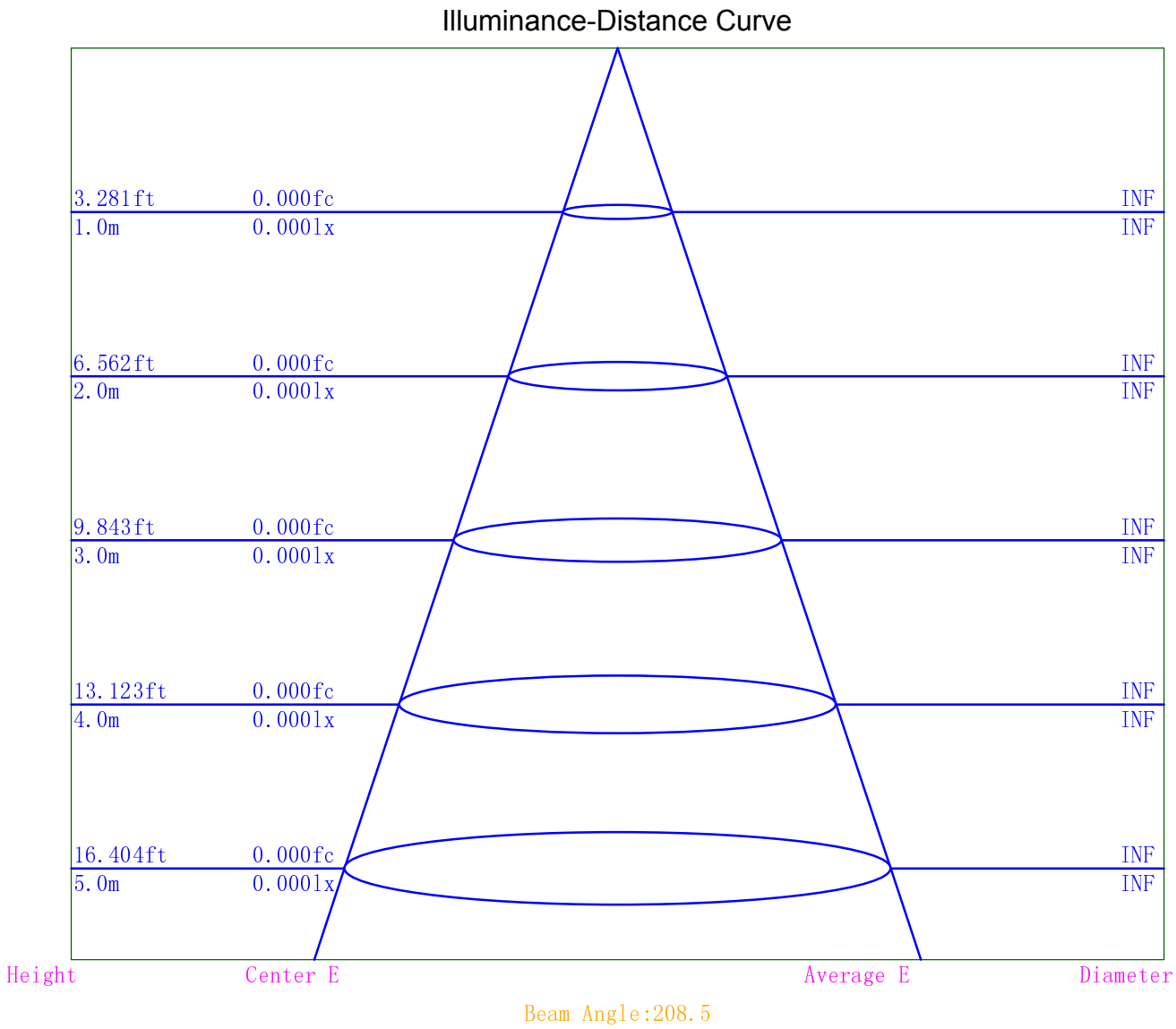
Illuminance-Distance Diagram

Lum.Name:	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/07/08



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Indoor Luminance Limiting Curves

Lum.Name:	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/07/08

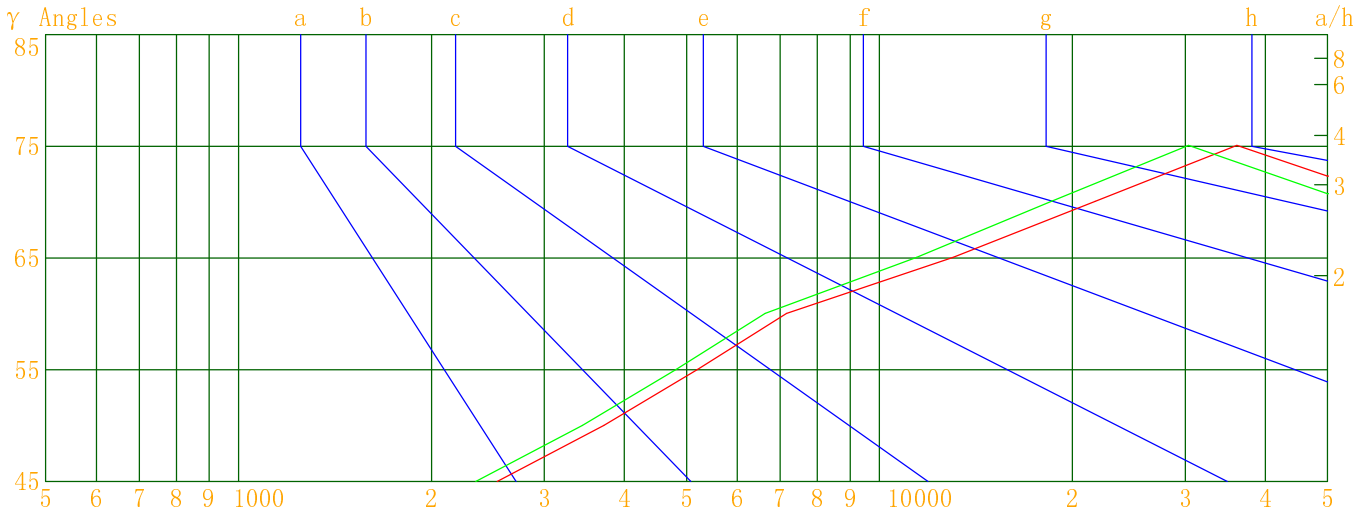
Glare Grade Table

GI	Quality	Using Illuminace							
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	2532	3714	5203	7162	13018	21702	36100	64867	151280
C90	2344	3439	4817	6631	11425	18540	30345	53940	124827

Luminance Limiting Curve



Luminous Size: Length(m)=-0.050 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963

Luminous Type: Without Luminous Side

Luminous Curves: C0-C180 Color: C90-C270 Color:

IES Indoor Report
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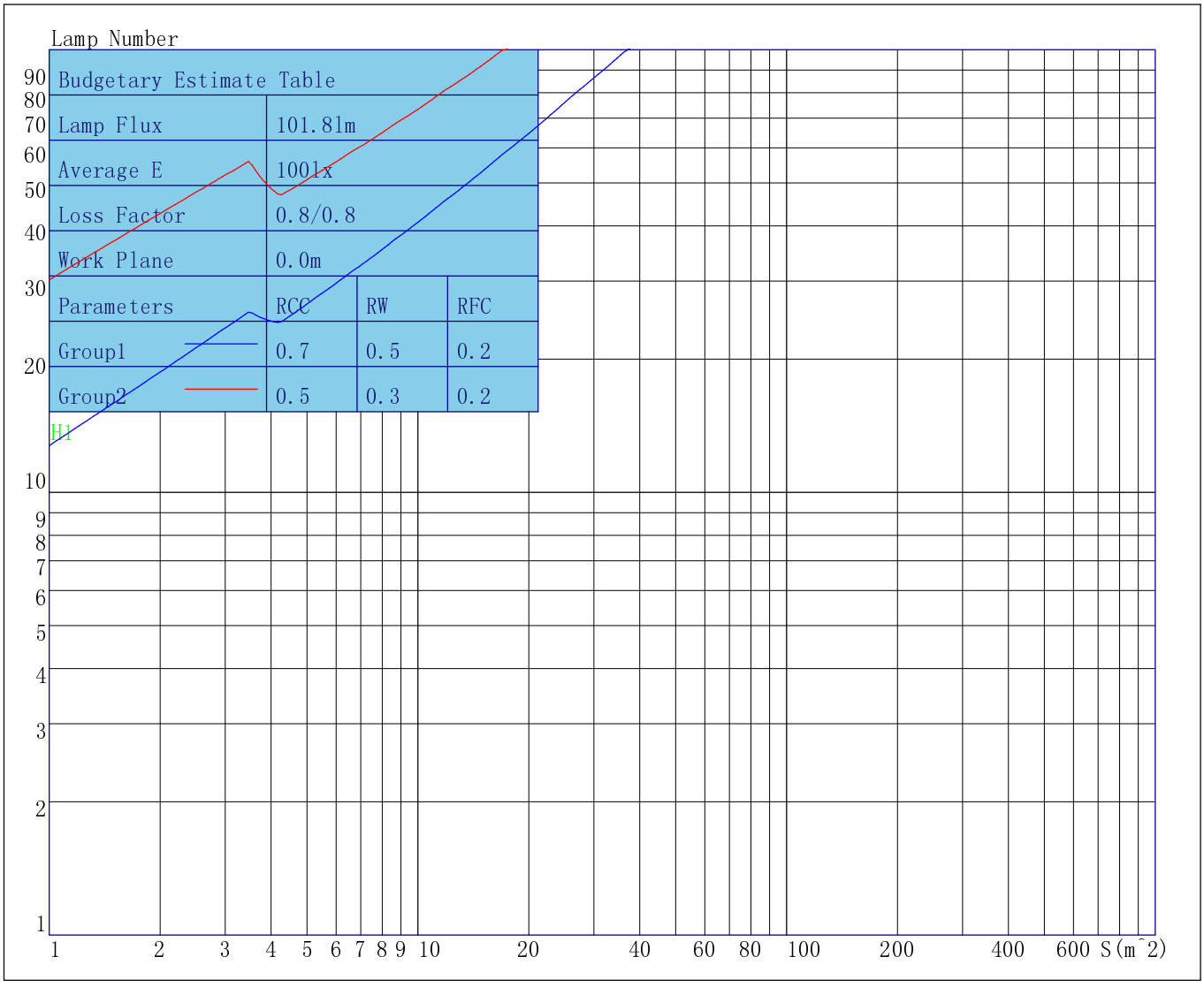
Indoor Budgetary Estimate Table

Lum.Name:	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/07/08



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

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Indoor Coefficient of Utilization Table

Lum.Name:	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/07/08

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	110	110	110	110	104	104	104	104	91	91	91	79	79	79	69	69	69	64
1	88	79	70	62	81	72	65	57	61	55	49	51	45	41	41	37	33	28
2	76	63	52	42	70	58	47	39	48	39	32	39	32	26	30	25	20	15
3	68	52	41	31	61	48	37	29	39	31	23	31	24	18	24	18	13	9
4	61	45	33	24	55	41	30	22	34	25	18	27	19	14	20	14	10	6
5	55	39	28	20	50	36	26	18	29	21	14	23	16	11	18	12	7	4
6	51	35	24	16	46	32	22	15	26	18	12	21	14	9	16	10	6	3
7	47	31	21	14	43	28	19	12	24	16	10	19	12	7	14	9	5	2
8	43	28	18	12	40	26	17	11	21	14	8	17	11	6	13	8	4	1
9	40	25	16	10	37	23	15	9	19	12	7	16	10	5	12	7	3	1
10	38	23	15	9	35	21	13	8	18	11	6	15	9	5	11	7	3	1

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Unified Glare Rating Table

Lum.Name:	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/07/08

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	13.8	15.0	14.6	15.9	17.0	14.0	15.3	14.8	16.1	17.3
	Y=3H	20.9	22.1	21.7	23.0	24.1	20.5	21.7	21.3	22.6	23.7
	Y=4H	24.4	25.6	25.3	26.5	27.7	23.7	24.9	24.6	25.8	26.9
	Y=6H	28.1	29.1	28.9	30.0	31.2	27.1	28.2	27.9	29.1	30.2
	Y=8H	29.9	31.0	30.8	31.9	33.1	28.8	29.9	29.7	30.8	32.0
	Y=12H	32.0	33.0	32.8	33.9	35.1	30.8	31.8	31.7	32.7	33.9
X=4H	Y=2H	16.1	17.3	17.0	18.2	19.3	16.1	17.2	16.9	18.1	19.3
	Y=3H	22.6	23.7	23.5	24.6	25.8	22.2	23.3	23.1	24.2	25.4
	Y=4H	26.1	27.1	27.0	28.0	29.2	25.6	26.6	26.5	27.5	28.7
	Y=6H	29.8	30.7	30.7	31.6	32.8	29.1	30.0	30.0	31.0	32.1
	Y=8H	31.7	32.6	32.6	33.6	34.8	30.9	31.8	31.8	32.7	33.9
	Y=12H	33.9	34.7	34.8	35.6	36.9	32.9	33.7	33.8	34.6	35.9
X=8H	Y=4H	27.3	28.2	28.2	29.1	30.4	26.8	27.7	27.7	28.6	29.8
	Y=6H	31.1	31.9	32.0	32.9	34.3	30.5	31.3	31.4	32.2	33.6
	Y=8H	33.2	33.9	34.1	34.9	36.1	32.5	33.2	33.4	34.2	35.4
	Y=12H	35.5	36.2	36.4	37.1	38.4	34.7	35.4	35.6	36.3	37.6
X=12H	Y=4H	27.8	28.6	28.7	29.5	30.8	27.3	28.1	28.2	29.1	30.3
	Y=6H	31.6	32.3	32.5	33.3	34.5	31.0	31.7	31.9	32.7	33.9
	Y=8H	33.8	34.4	34.7	35.4	36.7	33.1	33.7	34.0	34.7	36.0
Variations with the objerver position at spacings											
S=1.0H		0.2/-0.2					0.2/-0.3				
S=1.5H		0.3/-0.4					0.3/-0.5				
S=2.0H		0.5/-0.6					0.5/-0.6				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		11.7					11.2				

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

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Candela Tabulation

V/H	C0.0	C1.0	C2.0	C3.0	C4.0	C5.0	C6.0	C7.0	C8.0	C9.0	C10.0	C11.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 60.0	7.03	6.97	6.89	6.73	6.56	6.37	6.17	5.95	5.69	5.43	5.18	4.93
γ 90.0	29.66	29.30	28.92	28.58	28.21	27.85	27.50	27.15	26.81	26.55	26.32	26.23
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C12.0	C13.0	C14.0	C15.0	C16.0	C17.0	C18.0	C19.0	C20.0	C21.0	C22.0	C23.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 60.0	4.68	4.43	4.21	4.01	3.85	3.70	3.56	3.46	3.40	3.33	3.29	3.26
γ 90.0	26.15	26.11	26.00	25.76	25.38	24.83	23.82	22.48	21.11	19.95	19.32	19.42
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C24.0	C25.0	C26.0	C27.0	C28.0	C29.0	C30.0	C31.0	C32.0	C33.0	C34.0	C35.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 60.0	3.27	3.28	3.33	3.39	3.50	3.64	3.80	3.99	4.21	4.46	4.70	4.95
γ 90.0	20.24	21.63	23.27	24.85	26.14	26.92	27.26	27.28	27.10	26.73	26.26	25.86
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C36.0	C37.0	C38.0	C39.0	C40.0	C41.0	C42.0	C43.0	C44.0	C45.0	C46.0	C47.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 60.0	5.19	5.44	5.67	5.90	6.09	6.26	6.43	6.57	6.71	6.83	6.94	7.05
γ 90.0	25.57	25.45	25.49	25.65	25.87	26.09	26.34	26.60	26.89	27.18	27.50	27.83
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C48.0	C49.0	C50.0	C51.0	C52.0	C53.0	C54.0	C55.0	C56.0	C57.0	C58.0	C59.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 60.0	7.16	7.27	7.36	7.47	7.56	7.66	7.74	7.83	7.90	7.96	8.03	8.07
γ 90.0	28.16	28.47	28.80	29.09	29.38	29.66	29.90	30.14	30.36	30.55	30.73	30.88
γ 120.0	0.00	0.01	0.06	0.12	0.18	0.22	0.27	0.32	0.35	0.38	0.34	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C60.0	C61.0	C62.0	C63.0	C64.0	C65.0	C66.0	C67.0	C68.0	C69.0	C70.0	C71.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 60.0	8.14	8.19	8.23	8.27	8.29	8.31	8.33	8.35	8.36	8.36	8.34	8.32
γ 90.0	31.00	31.10	31.18	31.26	31.31	31.33	31.33	31.30	31.25	31.19	31.09	30.97
γ 120.0	0.00	0.00	0.00	0.00	0.12	0.35	0.35	0.32	0.28	0.24	0.19	0.14
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES Indoor Report
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Candela Tabulation - (Cont.)

V/H	C72.0	C73.0	C74.0	C75.0	C76.0	C77.0	C78.0	C79.0	C80.0	C81.0	C82.0	C83.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 60.0	8.30	8.27	8.23	8.19	8.13	8.07	7.98	7.89	7.80	7.69	7.60	7.47
γ 90.0	30.83	30.64	30.41	30.19	29.93	29.64	29.33	28.98	28.61	28.23	27.84	27.42
γ 120.0	0.09	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C84.0	C85.0	C86.0	C87.0	C88.0	C89.0	C90.0	C91.0	C92.0	C93.0	C94.0	C95.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 60.0	7.35	7.24	7.07	6.96	6.80	6.65	6.51	6.36	6.22	6.09	5.97	5.86
γ 90.0	26.99	26.55	26.10	25.67	25.21	24.75	24.33	23.91	23.50	23.17	22.85	22.57
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C96.0	C97.0	C98.0	C99.0	C100.0	C101.0	C102.0	C103.0	C104.0	C105.0	C106.0	C107.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 60.0	5.75	5.64	5.55	5.46	5.35	5.27	5.21	5.13	5.07	5.01	4.95	4.87
γ 90.0	22.33	22.12	21.92	21.74	21.61	21.57	21.64	21.85	22.19	22.62	23.06	23.41
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C108.0	C109.0	C110.0	C111.0	C112.0	C113.0	C114.0	C115.0	C116.0	C117.0	C118.0	C119.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 60.0	4.79	4.71	4.60	4.48	4.36	4.22	4.06	3.93	3.80	3.70	3.61	3.54
γ 90.0	23.61	23.63	23.57	23.47	23.30	23.09	22.79	22.35	21.69	20.77	19.72	18.76
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C120.0	C121.0	C122.0	C123.0	C124.0	C125.0	C126.0	C127.0	C128.0	C129.0	C130.0	C131.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 60.0	3.51	3.48	3.48	3.50	3.53	3.59	3.67	3.75	3.87	4.00	4.15	4.32
γ 90.0	18.03	17.56	17.32	17.33	17.49	17.73	18.06	18.37	18.70	18.98	19.27	19.59
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C132.0	C133.0	C134.0	C135.0	C136.0	C137.0	C138.0	C139.0	C140.0	C141.0	C142.0	C143.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 60.0	4.52	4.72	4.95	5.17	5.40	5.63	5.85	6.07	6.27	6.45	6.61	6.75
γ 90.0	19.94	20.37	20.85	21.37	21.93	22.48	23.05	23.61	24.16	24.70	25.23	25.73
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Candela Tabulation - (Cont.)

V/H	C144.0	C145.0	C146.0	C147.0	C148.0	C149.0	C150.0	C151.0	C152.0	C153.0	C154.0	C155.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 60.0	6.87	6.98	7.08	7.17	7.24	7.30	7.34	7.40	7.45	7.49	7.53	7.55
γ 90.0	26.19	26.67	27.11	27.50	27.88	28.21	28.52	28.82	29.06	29.30	29.51	29.66
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C156.0	C157.0	C158.0	C159.0	C160.0	C161.0	C162.0	C163.0	C164.0	C165.0	C166.0	C167.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 60.0	7.59	7.60	7.62	7.62	7.62	7.63	7.62	7.59	7.60	7.58	7.56	7.53
γ 90.0	29.81	29.95	30.04	30.12	30.16	30.18	30.19	30.17	30.13	30.08	30.00	29.91
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C168.0	C169.0	C170.0	C171.0	C172.0	C173.0	C174.0	C175.0	C176.0	C177.0	C178.0	C179.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 60.0	7.50	7.45	7.40	7.34	7.28	7.22	7.15	7.08	6.99	6.88	6.77	6.65
γ 90.0	29.80	29.66	29.51	29.33	29.14	28.91	28.68	28.43	28.17	27.87	27.55	27.22
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C180.0	C181.0	C182.0	C183.0	C184.0	C185.0	C186.0	C187.0	C188.0	C189.0	C190.0	C191.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 60.0	6.52	6.36	6.21	6.03	5.85	5.67	5.47	5.26	5.06	4.87	4.68	4.49
γ 90.0	26.87	26.52	26.16	25.80	25.45	25.12	24.85	24.62	24.49	24.35	24.25	24.08
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C192.0	C193.0	C194.0	C195.0	C196.0	C197.0	C198.0	C199.0	C200.0	C201.0	C202.0	C203.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 60.0	4.34	4.20	4.09	3.98	3.90	3.83	3.78	3.73	3.70	3.69	3.68	3.69
γ 90.0	23.88	23.59	23.27	22.93	22.52	22.02	21.11	20.30	19.98	20.30	21.28	22.69
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C204.0	C205.0	C206.0	C207.0	C208.0	C209.0	C210.0	C211.0	C212.0	C213.0	C214.0	C215.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 60.0	3.72	3.76	3.83	3.91	4.00	4.10	4.23	4.35	4.47	4.62	4.74	4.86
γ 90.0	24.21	25.56	26.55	27.16	27.52	27.70	27.72	27.52	27.14	26.67	26.24	25.95
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Candela Tabulation - (Cont.)

V/H	C216.0	C217.0	C218.0	C219.0	C220.0	C221.0	C222.0	C223.0	C224.0	C225.0	C226.0	C227.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.01	0.01	0.01	0.01	0.02	0.03	0.02	0.03	0.04	0.04	0.04	0.06
γ 60.0	4.99	5.11	5.23	5.34	5.44	5.55	5.66	5.77	5.87	5.97	6.08	6.18
γ 90.0	25.82	25.83	25.98	26.23	26.51	26.82	27.11	27.43	27.77	28.10	28.44	28.80
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C228.0	C229.0	C230.0	C231.0	C232.0	C233.0	C234.0	C235.0	C236.0	C237.0	C238.0	C239.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.11	0.10
γ 60.0	6.28	6.39	6.49	6.58	6.67	6.76	6.84	6.93	7.00	7.08	7.15	7.21
γ 90.0	29.17	29.54	29.90	30.26	30.63	30.94	31.29	31.62	31.95	32.24	32.55	32.84
γ 120.0	0.04	0.12	0.20	0.28	0.35	0.40	0.45	0.48	0.53	0.56	0.56	0.08
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C240.0	C241.0	C242.0	C243.0	C244.0	C245.0	C246.0	C247.0	C248.0	C249.0	C250.0	C251.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.11	0.11	0.13	0.12	0.13	0.13	0.12	0.12	0.12	0.14	0.13	0.14
γ 60.0	7.29	7.33	7.38	7.42	7.45	7.49	7.51	7.53	7.54	7.55	7.54	7.54
γ 90.0	33.12	33.39	33.64	33.87	34.08	34.28	34.43	34.56	34.64	34.69	34.72	34.68
γ 120.0	0.00	0.00	0.00	0.00	0.30	0.56	0.56	0.50	0.45	0.40	0.32	0.25
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C252.0	C253.0	C254.0	C255.0	C256.0	C257.0	C258.0	C259.0	C260.0	C261.0	C262.0	C263.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.13	0.12	0.13	0.13	0.14	0.13	0.12	0.13	0.12	0.13	0.13	0.12
γ 60.0	7.53	7.51	7.51	7.48	7.43	7.39	7.35	7.31	7.24	7.16	7.08	6.99
γ 90.0	34.60	34.48	34.33	34.12	33.87	33.61	33.26	32.91	32.49	32.08	31.65	31.19
γ 120.0	0.18	0.10	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C264.0	C265.0	C266.0	C267.0	C268.0	C269.0	C270.0	C271.0	C272.0	C273.0	C274.0	C275.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.12	0.12	0.11	0.11	0.11	0.10	0.10	0.09	0.09	0.09	0.09	0.09
γ 60.0	6.90	6.82	6.69	6.59	6.48	6.38	6.27	6.17	6.06	5.98	5.86	5.78
γ 90.0	30.74	30.26	29.79	29.33	28.87	28.43	27.99	27.57	27.16	26.81	26.46	26.15
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C276.0	C277.0	C278.0	C279.0	C280.0	C281.0	C282.0	C283.0	C284.0	C285.0	C286.0	C287.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.09	0.09	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.05	0.05	0.05
γ 60.0	5.67	5.57	5.47	5.40	5.32	5.24	5.14	5.06	4.99	4.91	4.80	4.72
γ 90.0	25.90	25.67	25.47	25.26	25.03	24.83	24.66	24.58	24.69	25.01	25.59	26.28
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES Indoor Report
Photometric Filename:UL-1006-0300-CH-(4).IES

Candela Tabulation - (Cont.)

V/H	C288.0	C289.0	C290.0	C291.0	C292.0	C293.0	C294.0	C295.0	C296.0	C297.0	C298.0	C299.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.05	0.05	0.04	0.04	0.03	0.05	0.04	0.03	0.03	0.03	0.03	0.03
γ 60.0	4.62	4.53	4.44	4.37	4.29	4.22	4.16	4.11	4.08	4.03	4.00	3.99
γ 90.0	26.82	27.01	26.84	26.47	26.11	25.80	25.40	24.76	23.81	22.63	21.40	20.49
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C300.0	C301.0	C302.0	C303.0	C304.0	C305.0	C306.0	C307.0	C308.0	C309.0	C310.0	C311.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.01	0.03	0.02	0.02	0.04	0.03	0.02	0.02	0.02	0.03	0.03	0.04
γ 60.0	3.97	3.98	4.02	4.03	4.07	4.13	4.19	4.26	4.34	4.44	4.53	4.63
γ 90.0	20.18	20.38	20.55	20.82	21.23	21.70	22.19	22.73	23.24	23.69	24.10	24.48
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C312.0	C313.0	C314.0	C315.0	C316.0	C317.0	C318.0	C319.0	C320.0	C321.0	C322.0	C323.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.04	0.04	0.04	0.03	0.04	0.04	0.05	0.04	0.03	0.05	0.05	0.06
γ 60.0	4.75	4.87	5.00	5.15	5.29	5.45	5.60	5.76	5.91	6.06	6.18	6.31
γ 90.0	24.90	25.34	25.85	26.40	26.95	27.53	28.11	28.68	29.20	29.71	30.20	30.65
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C324.0	C325.0	C326.0	C327.0	C328.0	C329.0	C330.0	C331.0	C332.0	C333.0	C334.0	C335.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.06	0.06	0.05	0.06	0.05	0.06	0.07	0.05	0.06	0.05	0.06	0.06
γ 60.0	6.42	6.53	6.63	6.73	6.82	6.90	6.98	7.06	7.14	7.20	7.26	7.33
γ 90.0	31.06	31.46	31.80	32.13	32.43	32.67	32.91	33.12	33.28	33.40	33.51	33.57
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C336.0	C337.0	C338.0	C339.0	C340.0	C341.0	C342.0	C343.0	C344.0	C345.0	C346.0	C347.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.06	0.06	0.06	0.04	0.05	0.04	0.05	0.04	0.03	0.05	0.04	0.05
γ 60.0	7.39	7.43	7.48	7.51	7.56	7.58	7.60	7.63	7.65	7.67	7.67	7.68
γ 90.0	33.63	33.66	33.68	33.68	33.65	33.63	33.59	33.52	33.45	33.35	33.24	33.10
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C348.0	C349.0	C350.0	C351.0	C352.0	C353.0	C354.0	C355.0	C356.0	C357.0	C358.0	C359.0
γ 0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 30.0	0.04	0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.00	0.00
γ 60.0	7.67	7.67	7.66	7.62	7.59	7.57	7.53	7.49	7.43	7.38	7.32	7.24
γ 90.0	32.95	32.79	32.59	32.39	32.17	31.94	31.68	31.41	31.13	30.83	30.52	30.18
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00