

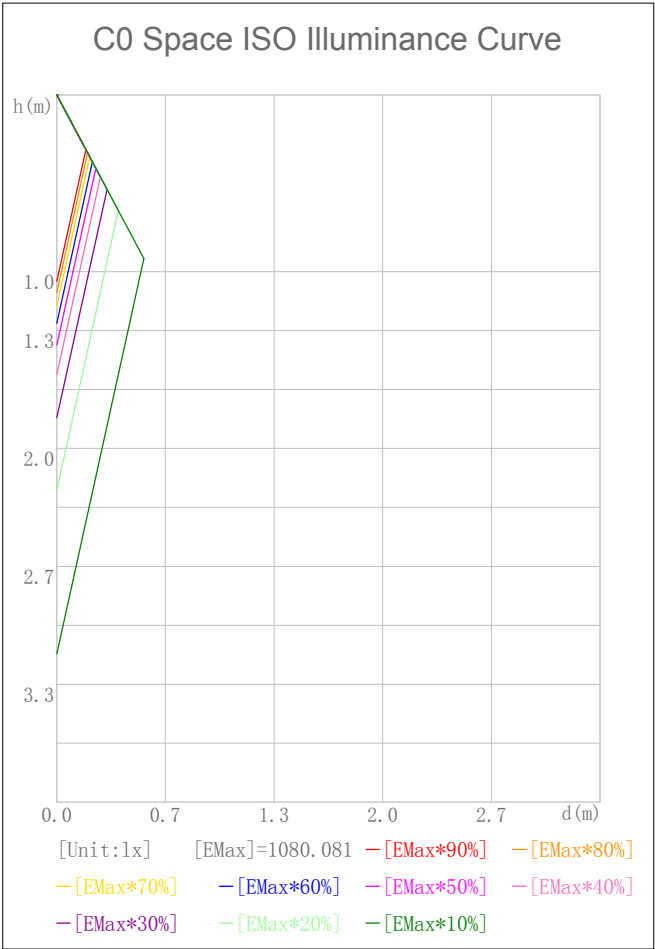
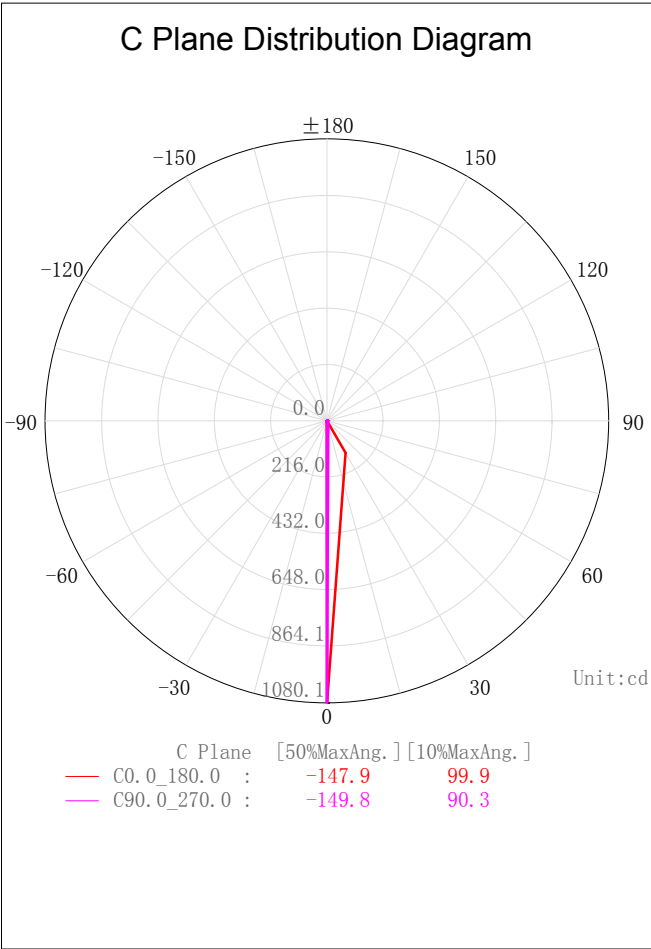
Indoor Luminaire Photometric Data

Description Information

Luminary Name:		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2018/04/16
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=1.0 γ=30.0	Temp. (°C): 25	Humidity (%):

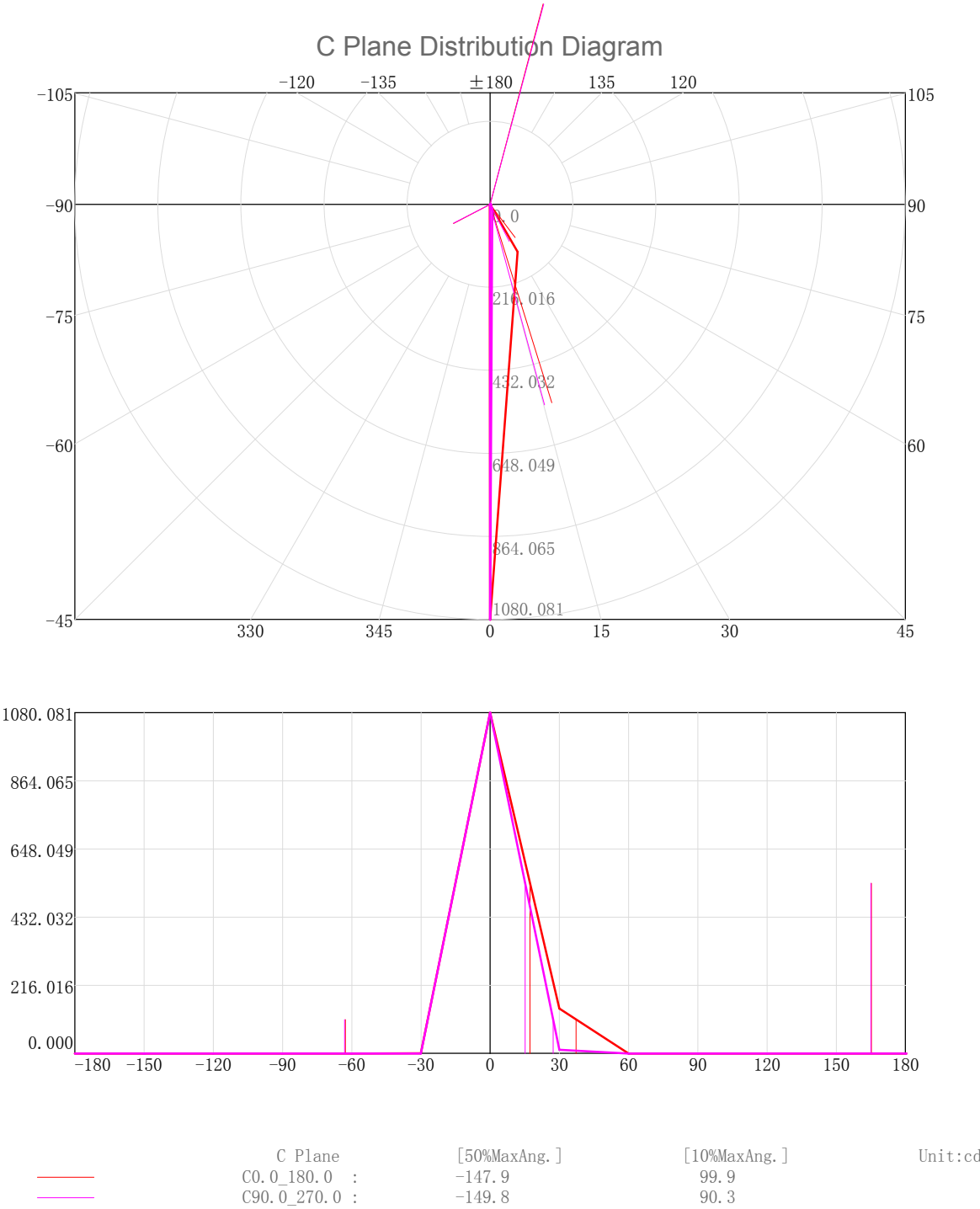
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 1000.000	Luminary Flux(lm): 538.428	Field Angle(10%Imax): 64.3(°)
Rated Power(W):	Luminary Efficiency: 53.84%	Down Lumens&Percent: 538.428lm 100.00%
Rated Voltage(V):	Luminary EER(lm/W): 78.695	Up Lumens&Percent: 0.000lm 0.00%
Tested Power(W): 6.842	Max. Candela(cd): 1080.081	S/MH: C0_a180=-0.492 C90_270=-1. #IO
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=0.0	CIE Type: Semi-Direct
Tested Electrics(V, A, pf):23.9, 0.286	Beam Angle(50%Imax): 32.3(°)	ErP ϕuse(90°): 516.736lm
Lamp Size (W*L*H):0.050m*-0.050m*0.000m	Left=-15.0°, Right=17.3°	IRF (%): 462.231



2D Plane Light Intensity Distribution Curve

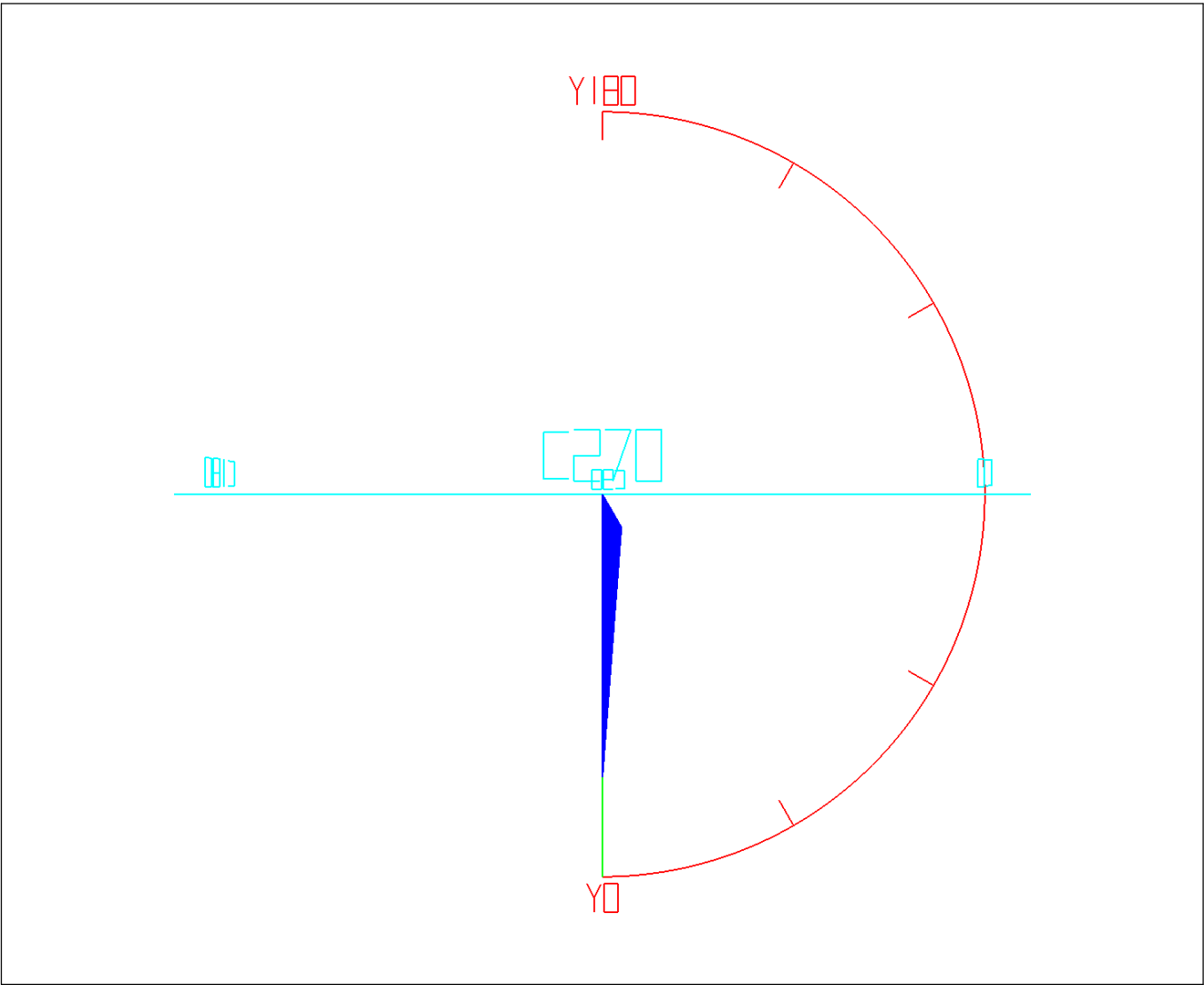
Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2018/04/16



3D Light Intensity Distribution Modal

Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2018/04/16

3D Light Intensity Distribution Modal



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

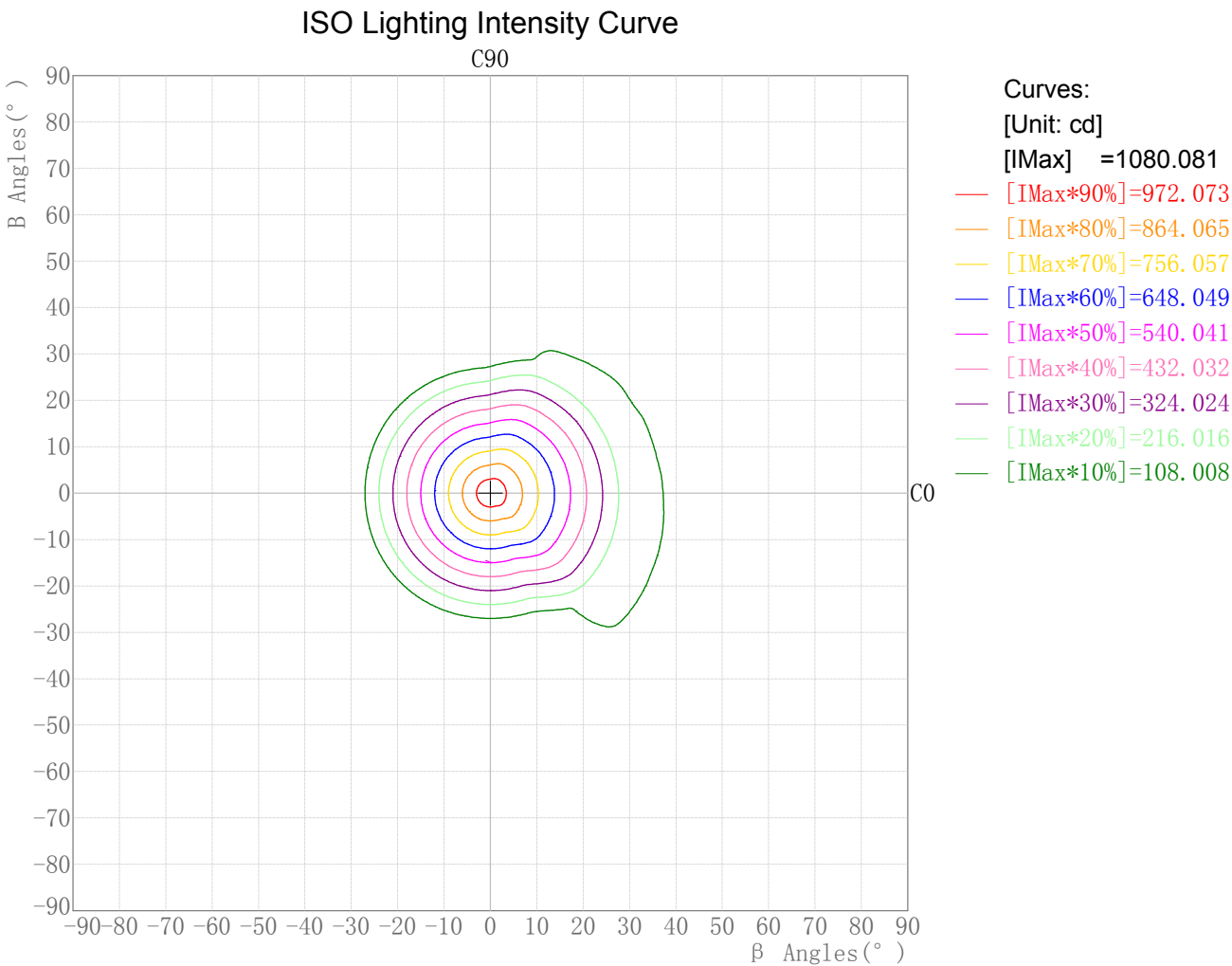
View Angles:Orient:0Tilt:0Roll:0Spin:0

Zonal Flux Tabulation

Zone ( γ )	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0. 0-30. 0	477. 06	477. 06	47. 71	47. 71
30. 0-60. 0	61. 37	538. 43	6. 14	53. 84
60. 0-90. 0	0. 00	538. 43	0. 00	53. 84
90. 0-120. 0	0. 00	538. 43	0. 00	53. 84
120. 0-150. 0	0. 00	538. 43	0. 00	53. 84
150. 0-180. 0	0. 00	538. 43	0. 00	53. 84

Rectangle ISO Lighting Intensity Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2018/04/16

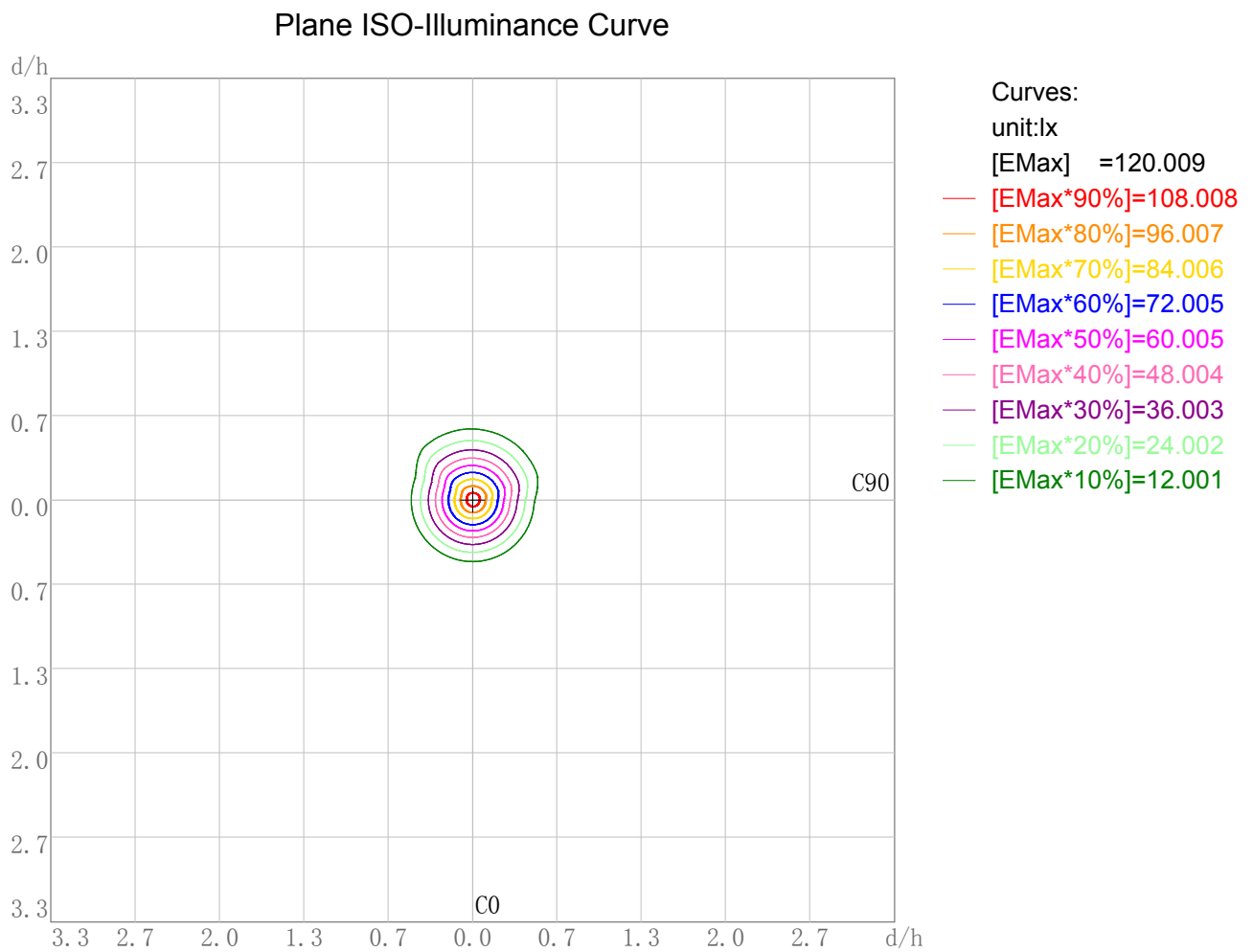


Maximum Light Intensity(cd): 1080.08

Maximum Cand.@Angle: H=0.0°,V=0.0°

Plane ISO-Illuminance Diagram

Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2018/04/16

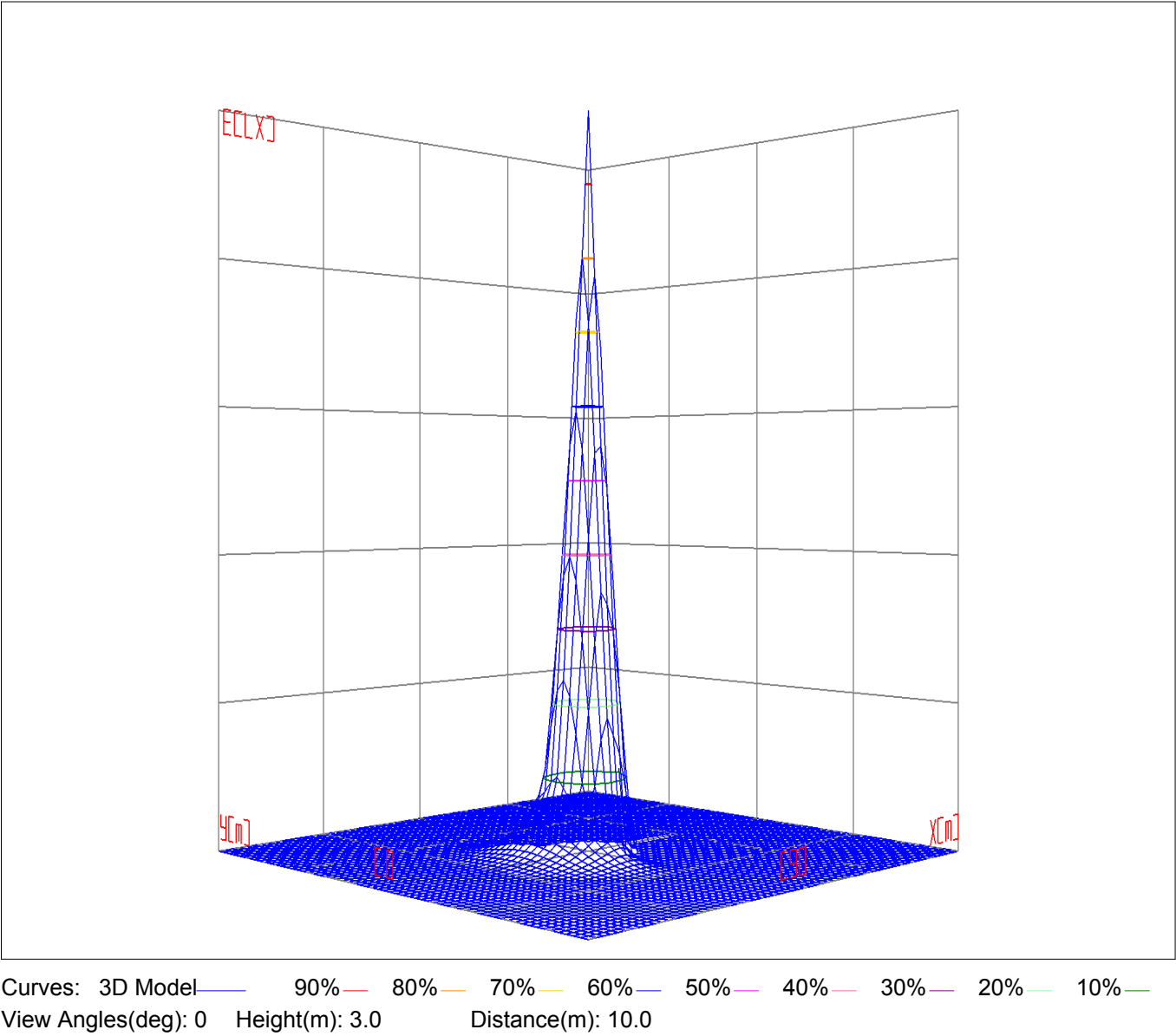


Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 120.01  
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

3D Plane ISO Illuminance Diagram

Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2018/04/16

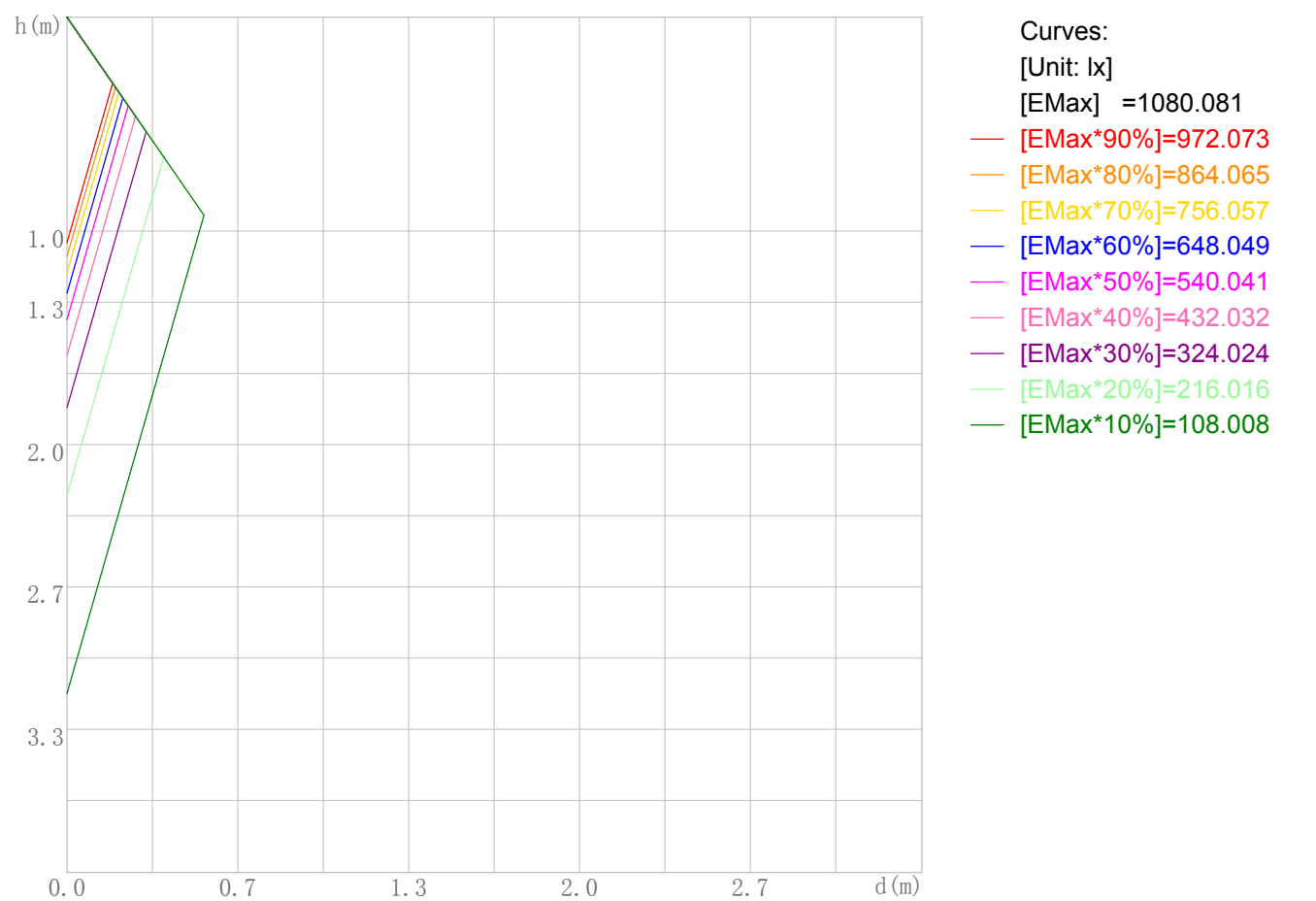
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2018/04/16

Space ISO Illuminance Curve

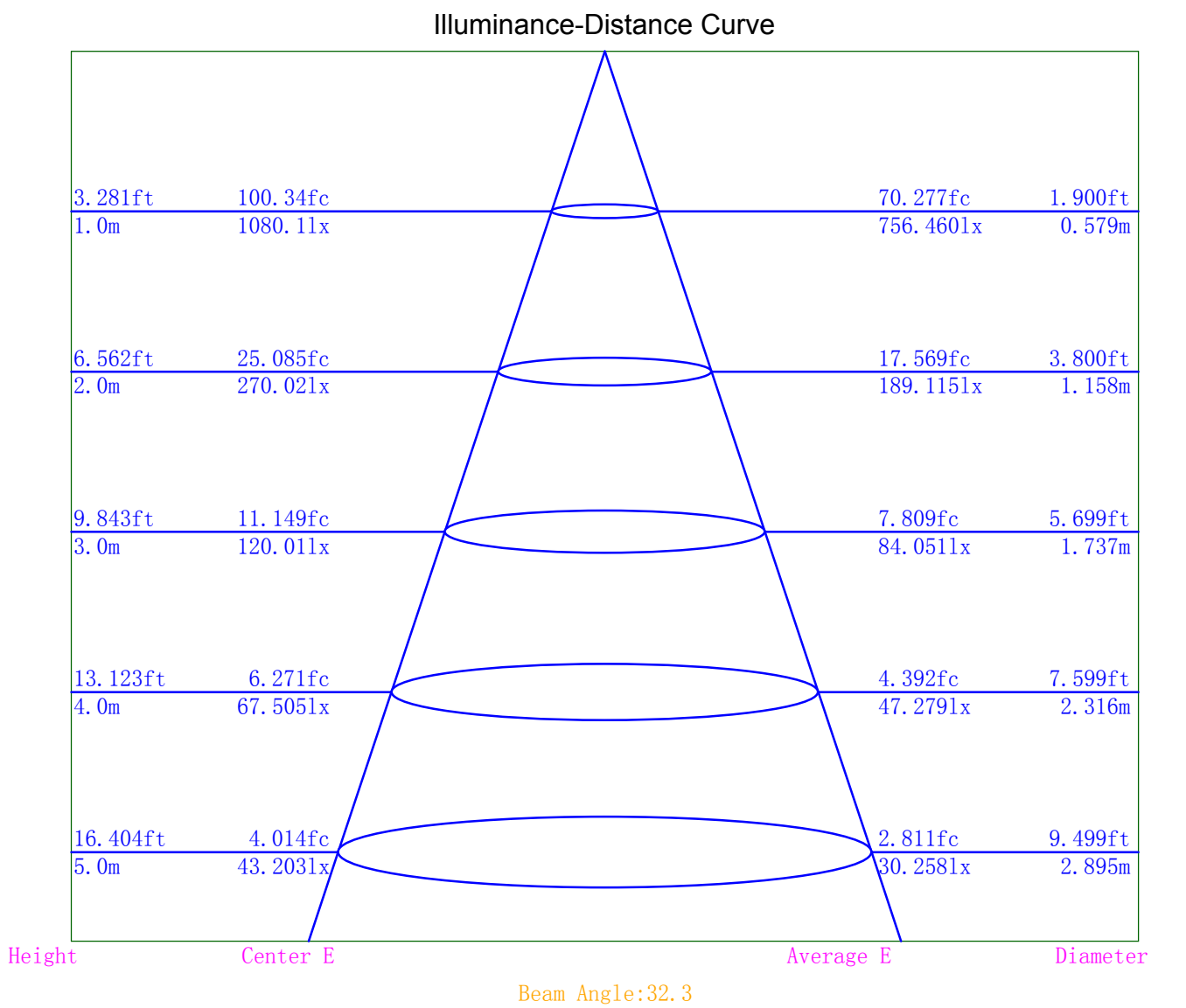


Space Plane Maximum Illuminance and @Angle:1080.08lx,0.0deg  
Plane Maximum Lighting Intensity and @Angle:1080.081cd,0eg



Illuminance-Distance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2018/04/16



Indoor Luminance Limiting Curves

Table with 3 columns: Lum. Name, Lum. Catalog, Test ID; Lamp Name, Lamp Catalog, Test Lab; Manufacture, Test Machine, Test Date.

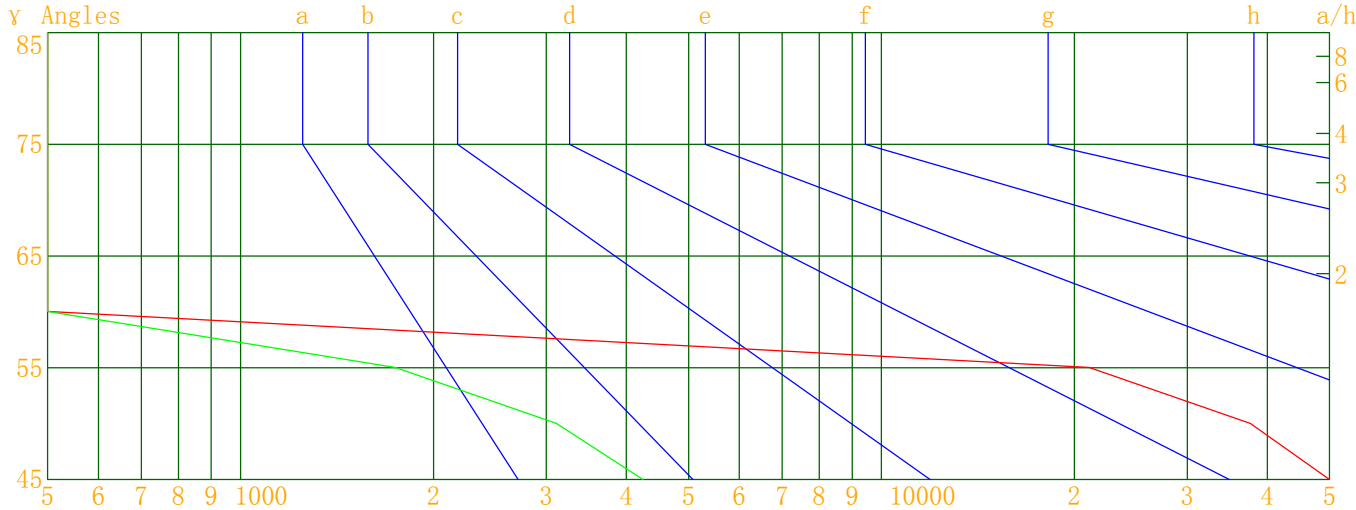
Glare Grade Table

Table with 10 columns: GI, Quality, and eight columns for Using Illuminance (2000, 1000, 500, <=300, etc.).

Luminance Table

Table with 10 columns: Gama (deg), and nine columns for luminance values at different angles (45, 50, 55, 60, 65, 70, 75, 80, 85).

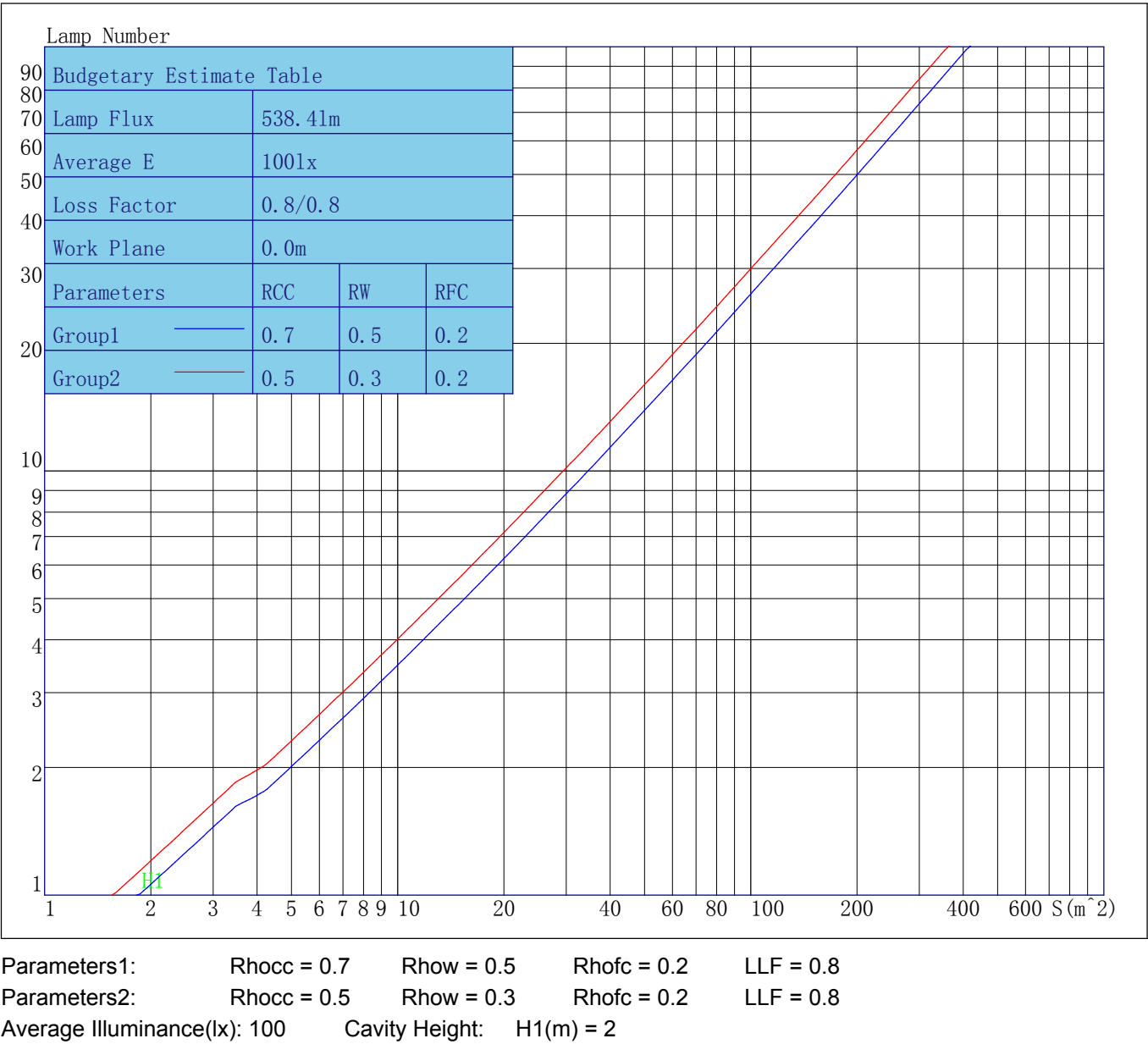
Luminance Limiting Curve



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:

Indoor Budgetary Estimate Table

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2018/04/16



Indoor Coefficient of Utilization Table

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2018/04/16

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	60	60	60	60	56	56	56	56	49	49	49	43	43	43	38	38	38	35
1	56	55	53	52	53	52	51	49	46	45	45	41	41	40	36	36	36	34
2	53	51	48	46	50	48	46	44	43	42	41	39	38	37	35	34	34	32
3	50	47	44	42	48	45	42	40	41	39	37	37	36	35	33	33	32	30
4	48	44	41	38	45	42	39	37	38	36	35	35	34	32	32	31	30	29
5	45	41	38	35	43	39	36	34	36	34	32	33	32	30	31	29	29	27
6	43	38	35	33	41	37	34	32	34	32	30	32	30	29	29	28	27	26
7	41	36	33	31	39	35	32	30	32	30	29	30	29	27	28	27	26	25
8	39	34	31	29	37	33	30	28	31	29	27	29	27	26	27	26	25	24
9	37	32	29	27	36	31	29	27	30	27	26	28	26	25	26	25	24	23
10	36	31	28	26	34	30	27	25	28	26	25	27	25	24	25	24	23	22

**IES Indoor Report**  
**Photometric Filename:UL-9W-COB 7W 25.IES**

**Unified Glare Rating Table**

<b>Lum. Name:</b>	<b>Lum. Catalog:</b>	<b>Test ID:</b>
<b>Lamp Name:</b>	<b>Lamp Catalog:</b>	<b>Test Lab:</b>
<b>Manufacture:</b>	<b>Test Machine:GON-2000</b>	<b>Test Date: 2018/04/16</b>

**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	26.2	24.7	26.6	25.0	25.3	21.4	19.8	21.7	20.1	20.4
	26.1	24.3	26.5	24.6	25.0	21.3	19.5	21.7	19.8	20.2
	26.1	24.1	26.5	24.5	24.9	21.2	19.3	21.7	19.6	20.1
	25.9	23.9	26.4	24.3	24.7	21.1	19.1	21.6	19.5	19.9
	25.9	23.8	26.4	24.2	24.6	21.1	18.9	21.6	19.3	19.8
	25.8	23.7	26.2	24.0	24.5	20.9	18.8	21.4	19.2	19.7
X=4H    Y=2H	26.1	24.1	26.6	24.5	24.9	21.3	19.4	21.8	19.8	20.2
	26.1	23.8	26.6	24.2	24.7	21.3	19.0	21.8	19.5	19.9
	26.1	23.6	26.6	24.1	24.6	21.3	18.8	21.9	19.3	19.8
	26.1	23.4	26.8	23.9	24.5	21.3	18.6	22.1	19.1	19.7
	26.0	23.3	26.7	23.7	24.3	21.2	18.5	22.0	19.0	19.5
	25.8	23.1	26.5	23.6	24.1	21.1	18.3	21.8	18.9	19.4
X=8H    Y=4H	26.0	23.3	26.7	23.7	24.3	21.2	18.5	22.0	19.0	19.5
	26.3	23.1	27.1	23.7	23.8	21.5	18.3	22.4	18.9	19.0
	26.4	23.0	27.5	23.6	24.2	21.6	18.2	22.8	18.9	19.5
	26.6	22.9	27.5	23.5	24.2	21.8	18.2	22.8	18.7	19.5
X=12H    Y=4H	25.8	23.1	26.5	23.6	24.1	21.1	18.3	21.8	18.9	19.4
	26.2	22.9	27.1	23.5	24.1	21.4	18.2	22.3	18.7	19.4
	26.6	22.9	27.5	23.5	24.2	21.8	18.2	22.8	18.7	19.5
Variations with the objverver 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	0.0/0.0					0.0/0.0				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	0.0					0.1				

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

**IES Indoor Report**  
**Photometric Filename:UL-9W-COB 7W 25.IES**

**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
Y 0.0	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08
Y 30.0	142.46	142.16	141.76	141.77	141.19	140.87	140.59	139.98	139.38	139.04	138.40	138.24
Y 60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 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
Y 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
Y 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
Y 0.0	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08
Y 30.0	138.18	137.77	137.50	137.51	137.23	137.20	137.16	137.07	137.02	136.76	136.60	136.44
Y 60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 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
Y 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
Y 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
Y 0.0	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08
Y 30.0	136.13	135.38	134.73	134.20	133.82	133.30	133.34	133.13	133.13	133.27	133.49	133.59
Y 60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 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
Y 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
Y 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
Y 0.0	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08
Y 30.0	133.60	133.55	133.31	132.92	132.51	132.04	131.51	131.02	130.41	129.79	129.27	128.76
Y 60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 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
Y 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
Y 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
Y 0.0	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08
Y 30.0	128.26	127.65	127.22	126.91	126.30	125.70	125.28	124.88	124.31	123.94	123.74	123.36
Y 60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 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
Y 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
Y 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
Y 0.0	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08
Y 30.0	123.10	122.75	122.32	121.99	121.63	121.03	120.24	118.92	117.26	115.15	112.28	108.74
Y 60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 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
Y 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
Y 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-9W-COB 7W 25.IES**

**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
Y 0. 0	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08
Y 30. 0	104. 90	100. 61	96. 31	91. 81	86. 73	81. 55	76. 56	71. 35	65. 78	60. 08	54. 65	49. 45
Y 60. 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
Y 90. 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
Y 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
Y 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
Y 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
Y 0. 0	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08
Y 30. 0	44. 28	38. 40	32. 58	27. 77	22. 92	17. 09	11. 78	8. 14	5. 47	3. 09	1. 52	1. 09
Y 60. 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
Y 90. 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
Y 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
Y 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
Y 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
Y 0. 0	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08
Y 30. 0	0. 71	0. 45	0. 20	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 60. 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
Y 90. 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
Y 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
Y 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
Y 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
Y 0. 0	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08
Y 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
Y 60. 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
Y 90. 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
Y 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
Y 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
Y 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
Y 0. 0	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08
Y 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
Y 60. 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
Y 90. 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
Y 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
Y 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
Y 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
Y 0. 0	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08
Y 30. 0	0. 00	0. 00	0. 15	0. 27	0. 19	0. 38	0. 47	0. 40	0. 48	0. 69	0. 52	0. 57
Y 60. 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
Y 90. 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
Y 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
Y 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
Y 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-9W-COB 7W 25.IES**

**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
Y 0.0	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08
Y 30.0	0.71	0.62	0.54	0.68	0.68	0.56	0.75	0.75	0.63	0.72	0.75	0.64
Y 60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 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
Y 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
Y 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
Y 0.0	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08
Y 30.0	0.70	0.80	0.63	0.60	0.77	0.67	0.67	0.87	0.84	0.77	0.87	0.95
Y 60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 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
Y 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
Y 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
Y 0.0	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08
Y 30.0	0.84	0.98	1.04	0.88	1.05	1.12	0.94	1.03	1.18	1.02	1.02	1.24
Y 60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 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
Y 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
Y 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
Y 0.0	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08
Y 30.0	1.14	1.11	1.28	1.20	1.05	1.21	1.21	1.09	1.26	1.32	1.14	1.25
Y 60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 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
Y 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
Y 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
Y 0.0	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08
Y 30.0	1.29	1.14	1.22	1.36	1.23	1.23	1.33	1.33	1.22	1.39	1.34	1.22
Y 60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 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
Y 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
Y 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
Y 0.0	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08	1080.08
Y 30.0	1.26	1.35	1.13	1.25	1.35	1.24	1.19	1.33	1.24	1.20	1.25	1.28
Y 60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 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
Y 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
Y 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-9W-COB 7W 25.IES**

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**Candela Tabulation - (Cont.)**

<b>V/H</b>	<b>C216. 0</b>	<b>C217. 0</b>	<b>C218. 0</b>	<b>C219. 0</b>	<b>C220. 0</b>	<b>C221. 0</b>	<b>C222. 0</b>	<b>C223. 0</b>	<b>C224. 0</b>	<b>C225. 0</b>	<b>C226. 0</b>	<b>C227. 0</b>
<b>Y 0. 0</b>	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08
<b>Y 30. 0</b>	1. 13	1. 26	1. 25	1. 13	1. 20	1. 33	1. 17	1. 20	1. 35	1. 19	1. 11	1. 25
<b>Y 60. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 90. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 120. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 150. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 180. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>V/H</b>	<b>C228. 0</b>	<b>C229. 0</b>	<b>C230. 0</b>	<b>C231. 0</b>	<b>C232. 0</b>	<b>C233. 0</b>	<b>C234. 0</b>	<b>C235. 0</b>	<b>C236. 0</b>	<b>C237. 0</b>	<b>C238. 0</b>	<b>C239. 0</b>
<b>Y 0. 0</b>	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08
<b>Y 30. 0</b>	1. 21	1. 03	1. 18	1. 19	0. 99	1. 18	1. 18	1. 03	1. 09	1. 14	0. 98	0. 99
<b>Y 60. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 90. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 120. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 150. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 180. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>V/H</b>	<b>C240. 0</b>	<b>C241. 0</b>	<b>C242. 0</b>	<b>C243. 0</b>	<b>C244. 0</b>	<b>C245. 0</b>	<b>C246. 0</b>	<b>C247. 0</b>	<b>C248. 0</b>	<b>C249. 0</b>	<b>C250. 0</b>	<b>C251. 0</b>
<b>Y 0. 0</b>	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08
<b>Y 30. 0</b>	1. 23	1. 03	1. 00	1. 13	0. 96	0. 88	1. 00	0. 99	0. 69	0. 69	0. 72	0. 49
<b>Y 60. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 90. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 120. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 150. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 180. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>V/H</b>	<b>C252. 0</b>	<b>C253. 0</b>	<b>C254. 0</b>	<b>C255. 0</b>	<b>C256. 0</b>	<b>C257. 0</b>	<b>C258. 0</b>	<b>C259. 0</b>	<b>C260. 0</b>	<b>C261. 0</b>	<b>C262. 0</b>	<b>C263. 0</b>
<b>Y 0. 0</b>	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08
<b>Y 30. 0</b>	0. 52	0. 48	0. 24	0. 23	0. 20	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 60. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 90. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 120. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 150. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 180. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>V/H</b>	<b>C264. 0</b>	<b>C265. 0</b>	<b>C266. 0</b>	<b>C267. 0</b>	<b>C268. 0</b>	<b>C269. 0</b>	<b>C270. 0</b>	<b>C271. 0</b>	<b>C272. 0</b>	<b>C273. 0</b>	<b>C274. 0</b>	<b>C275. 0</b>
<b>Y 0. 0</b>	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08
<b>Y 30. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 60. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 90. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 120. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 150. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 180. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>V/H</b>	<b>C276. 0</b>	<b>C277. 0</b>	<b>C278. 0</b>	<b>C279. 0</b>	<b>C280. 0</b>	<b>C281. 0</b>	<b>C282. 0</b>	<b>C283. 0</b>	<b>C284. 0</b>	<b>C285. 0</b>	<b>C286. 0</b>	<b>C287. 0</b>
<b>Y 0. 0</b>	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08
<b>Y 30. 0</b>	0. 04	0. 00	0. 22	0. 34	0. 17	0. 21	0. 56	0. 60	0. 76	1. 19	1. 40	1. 63
<b>Y 60. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 90. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 120. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 150. 0</b>	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
<b>Y 180. 0</b>	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-9W-COB 7W 25.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
Y 0. 0	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08
Y 30. 0	2. 04	2. 41	3. 31	5. 52	8. 68	12. 54	18. 06	24. 13	30. 58	36. 80	43. 34	50. 90
Y 60. 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
Y 90. 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
Y 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
Y 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
Y 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
Y 0. 0	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08
Y 30. 0	57. 35	64. 53	72. 55	79. 17	86. 42	93. 70	99. 91	106. 71	112. 98	118. 49	124. 44	129. 69
Y 60. 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
Y 90. 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
Y 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
Y 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
Y 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
Y 0. 0	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08
Y 30. 0	134. 11	138. 64	143. 09	146. 63	149. 08	150. 54	151. 47	151. 79	151. 85	151. 70	151. 89	151. 65
Y 60. 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
Y 90. 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
Y 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
Y 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
Y 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
Y 0. 0	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08
Y 30. 0	151. 45	151. 29	151. 32	151. 21	150. 93	150. 95	150. 80	150. 41	150. 25	149. 96	149. 80	149. 29
Y 60. 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
Y 90. 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
Y 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
Y 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
Y 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
Y 0. 0	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08
Y 30. 0	148. 96	148. 76	148. 33	148. 26	148. 38	148. 17	148. 05	148. 02	147. 80	147. 54	147. 20	147. 09
Y 60. 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
Y 90. 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
Y 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
Y 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
Y 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
Y 0. 0	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08	1080. 08
Y 30. 0	146. 93	146. 70	146. 37	145. 87	145. 72	145. 24	144. 81	144. 34	143. 70	143. 37	143. 12	142. 79
Y 60. 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
Y 90. 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
Y 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
Y 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
Y 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