

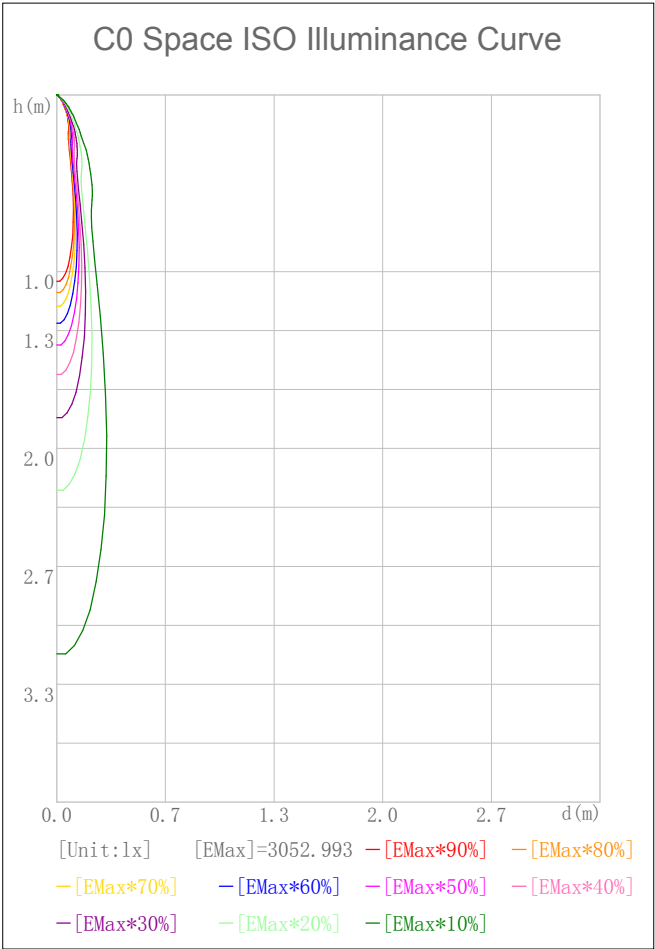
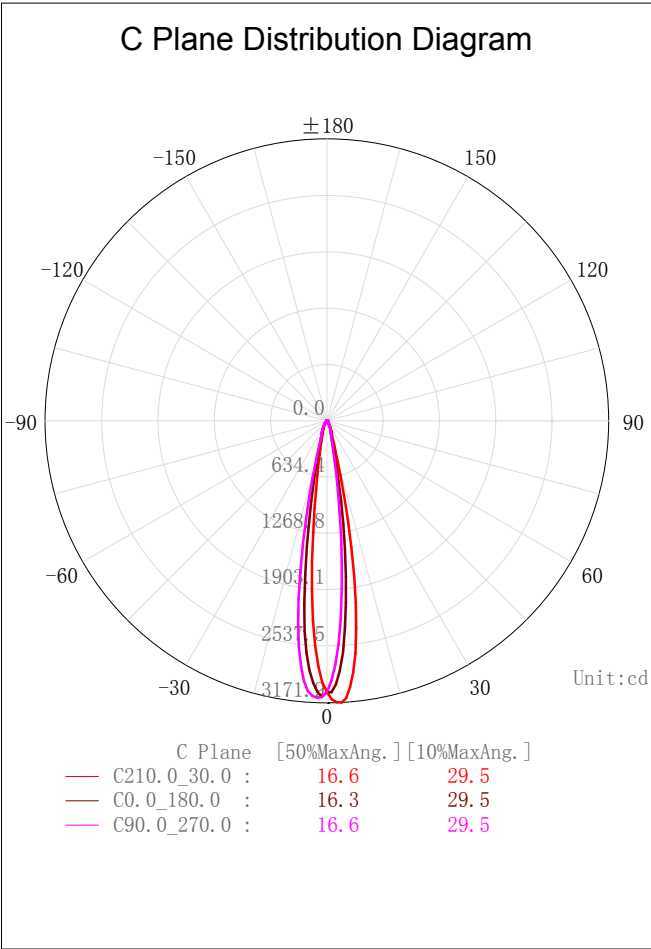
Indoor Luminaire Photometric Data

Description Information

Luminary Name:		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2017/11/29
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=30.0 γ=1.0	Temp. (°C): 25	Humidity (%):

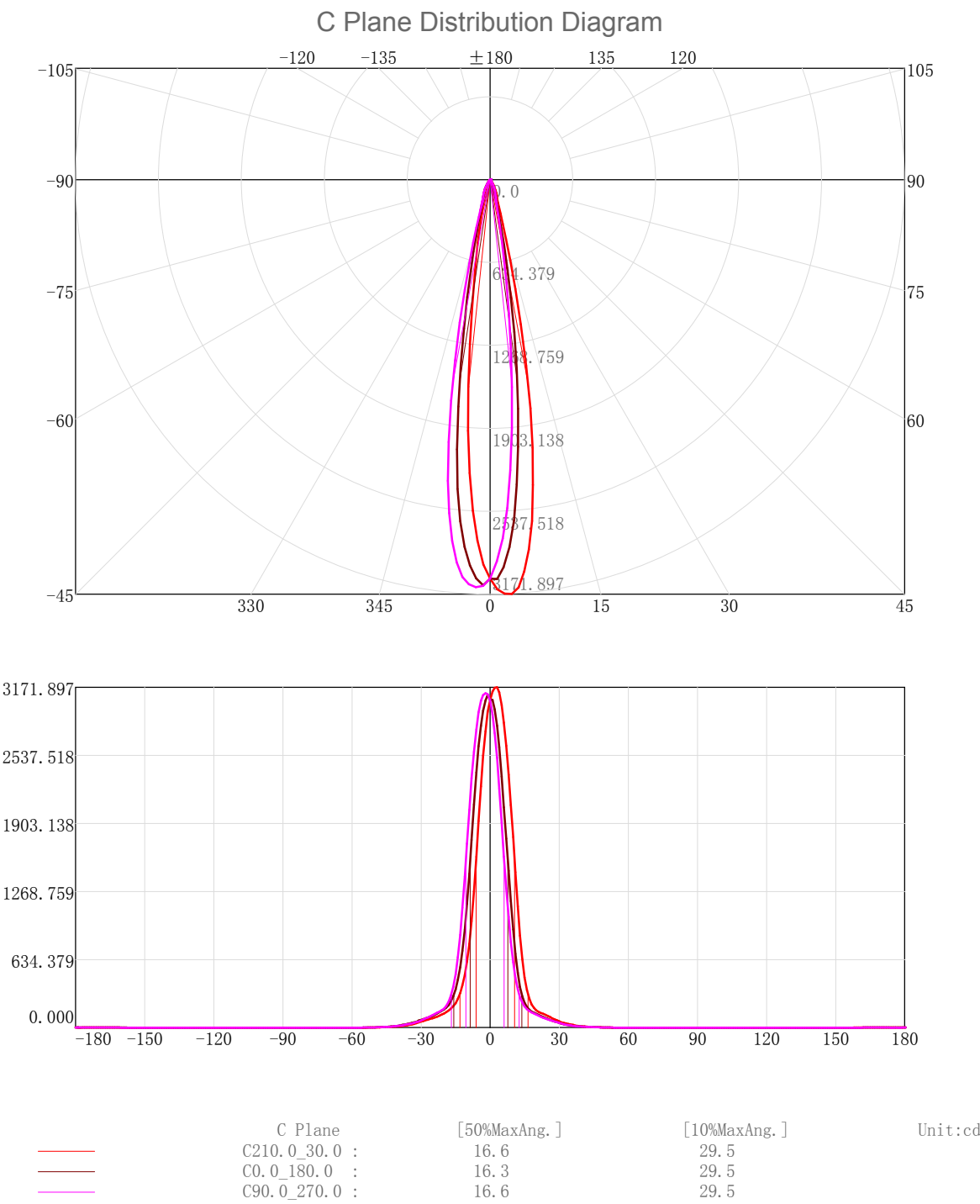
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 368.330	Luminary Flux(lm): 368.334	Field Angle(10%Imax): 29.5(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 367.421lm 99.75%	
Rated Voltage(V):	Luminary EER(lm/W): 66.703	Up Lumens&Percent: 0.912lm 0.25%	
Tested Power(W): 5.522	Max. Candela(cd): 3171.897	S/MH: C0_a180=0.285 C90_270=0.291	
Lamps' Inside: 1	Max Cand@Ang. (°): C=210.0 γ=3.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):23.9, 0.230	Beam Angle(50%Imax): 16.6(°)	ErP Φuse(90°): 366.521lm	
Lamp Size (W*L*H):0.050m*-0.050m*0.000m	Left=-6.0°, Right=10.6°	IRF (%): 1916.796	



2D Plane Light Intensity Distribution Curve

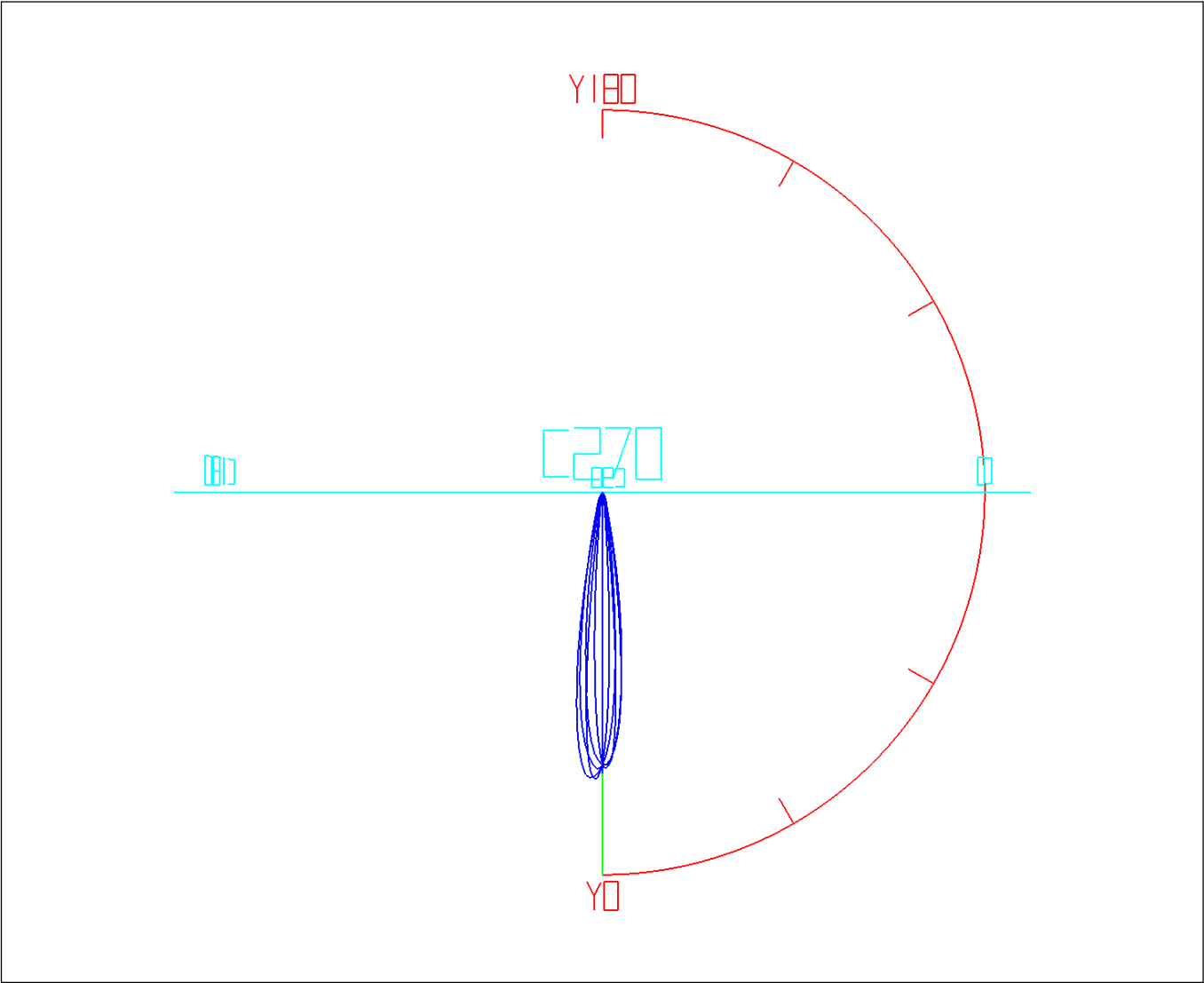
Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/11/29



3D Light Intensity Distribution Modal

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/11/29

3D Light Intensity Distribution Modal



Curves:

3D Model

Fixture

Vert. HUD

Hori. HUD

View Angles:

Orient:0

Tilt:0

Roll:0

Spin:0

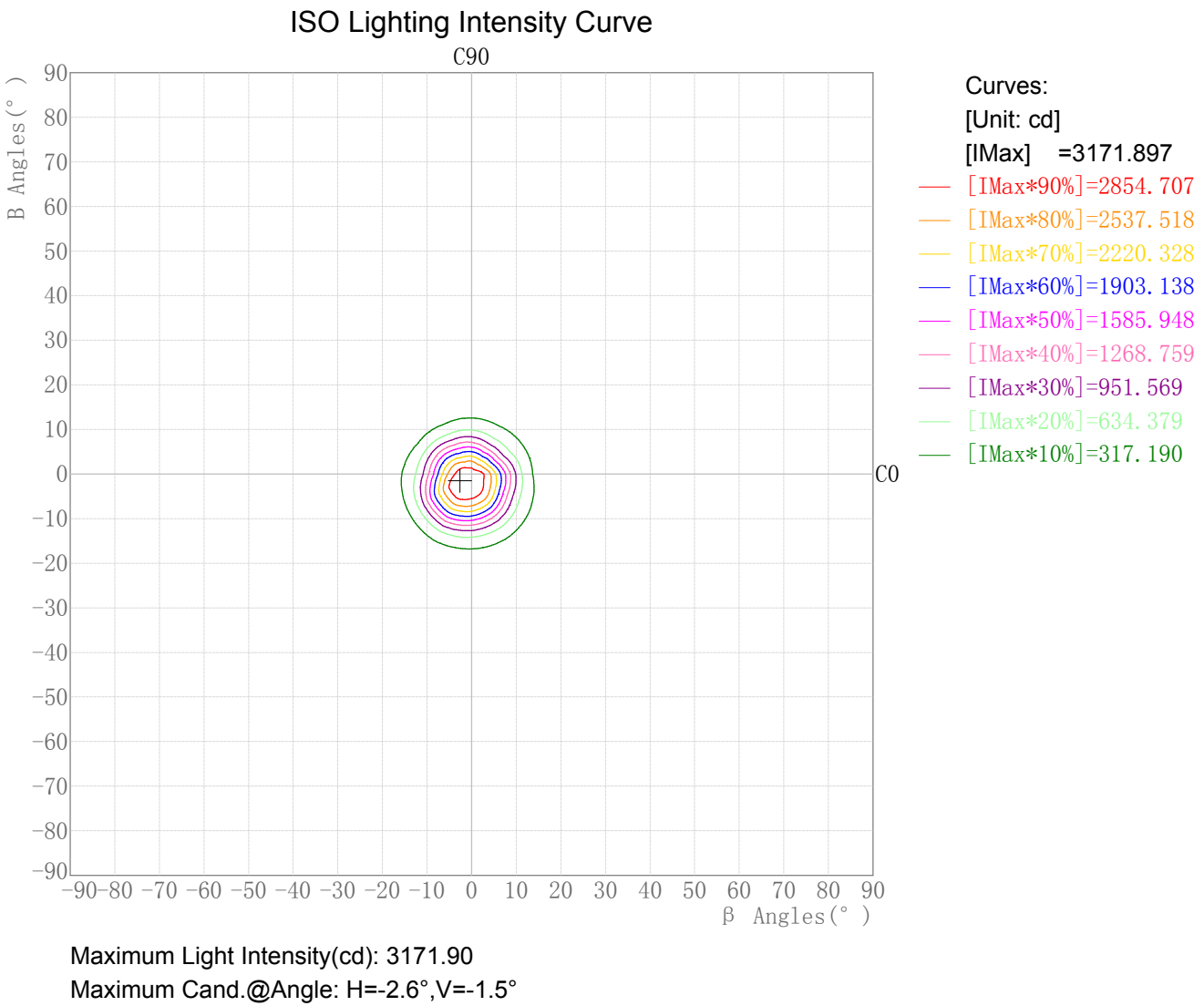
Photometric Filename:UL-9W-COB-0900-A.IES

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	367.42	0.00	99.75	141.0–142.0	0.00	367.42	0.00	99.75
95.0–96.0	0.00	367.42	0.00	99.75	142.0–143.0	0.00	367.42	0.00	99.75
96.0–97.0	0.00	367.42	0.00	99.75	143.0–144.0	0.00	367.42	0.00	99.75
97.0–98.0	0.00	367.42	0.00	99.75	144.0–145.0	0.00	367.42	0.00	99.75
98.0–99.0	0.00	367.42	0.00	99.75	145.0–146.0	0.00	367.42	0.00	99.75
99.0–100.0	0.00	367.42	0.00	99.75	146.0–147.0	0.00	367.42	0.00	99.75
100.0–101.0	0.00	367.42	0.00	99.75	147.0–148.0	0.00	367.42	0.00	99.75
101.0–102.0	0.00	367.42	0.00	99.75	148.0–149.0	0.00	367.42	0.00	99.75
102.0–103.0	0.00	367.42	0.00	99.75	149.0–150.0	0.00	367.42	0.00	99.75
103.0–104.0	0.00	367.42	0.00	99.75	150.0–151.0	0.00	367.42	0.00	99.75
104.0–105.0	0.00	367.42	0.00	99.75	151.0–152.0	0.00	367.42	0.00	99.75
105.0–106.0	0.00	367.42	0.00	99.75	152.0–153.0	0.01	367.43	0.00	99.76
106.0–107.0	0.00	367.42	0.00	99.75	153.0–154.0	0.01	367.44	0.00	99.76
107.0–108.0	0.00	367.42	0.00	99.75	154.0–155.0	0.01	367.45	0.00	99.76
108.0–109.0	0.00	367.42	0.00	99.75	155.0–156.0	0.02	367.47	0.01	99.77
109.0–110.0	0.00	367.42	0.00	99.75	156.0–157.0	0.03	367.50	0.01	99.77
110.0–111.0	0.00	367.42	0.00	99.75	157.0–158.0	0.03	367.53	0.01	99.78
111.0–112.0	0.00	367.42	0.00	99.75	158.0–159.0	0.04	367.57	0.01	99.79
112.0–113.0	0.00	367.42	0.00	99.75	159.0–160.0	0.05	367.62	0.01	99.81
113.0–114.0	0.00	367.42	0.00	99.75	160.0–161.0	0.05	367.67	0.01	99.82
114.0–115.0	0.00	367.42	0.00	99.75	161.0–162.0	0.05	367.72	0.01	99.83
115.0–116.0	0.00	367.42	0.00	99.75	162.0–163.0	0.06	367.78	0.02	99.85
116.0–117.0	0.00	367.42	0.00	99.75	163.0–164.0	0.06	367.83	0.02	99.87
117.0–118.0	0.00	367.42	0.00	99.75	164.0–165.0	0.06	367.89	0.02	99.88
118.0–119.0	0.00	367.42	0.00	99.75	165.0–166.0	0.06	367.95	0.02	99.90
119.0–120.0	0.00	367.42	0.00	99.75	166.0–167.0	0.06	368.00	0.01	99.91
120.0–121.0	0.00	367.42	0.00	99.75	167.0–168.0	0.05	368.06	0.01	99.93
121.0–122.0	0.00	367.42	0.00	99.75	168.0–169.0	0.05	368.10	0.01	99.94
122.0–123.0	0.00	367.42	0.00	99.75	169.0–170.0	0.05	368.15	0.01	99.95
123.0–124.0	0.00	367.42	0.00	99.75	170.0–171.0	0.04	368.19	0.01	99.96
124.0–125.0	0.00	367.42	0.00	99.75	171.0–172.0	0.03	368.22	0.01	99.97
125.0–126.0	0.00	367.42	0.00	99.75	172.0–173.0	0.03	368.25	0.01	99.98
126.0–127.0	0.00	367.42	0.00	99.75	173.0–174.0	0.02	368.28	0.01	99.99
127.0–128.0	0.00	367.42	0.00	99.75	174.0–175.0	0.02	368.30	0.01	99.99
128.0–129.0	0.00	367.42	0.00	99.75	175.0–176.0	0.01	368.31	0.00	99.99
129.0–130.0	0.00	367.42	0.00	99.75	176.0–177.0	0.01	368.32	0.00	100.00
130.0–131.0	0.00	367.42	0.00	99.75	177.0–178.0	0.01	368.33	0.00	100.00
131.0–132.0	0.00	367.42	0.00	99.75	178.0–179.0	0.00	368.33	0.00	100.00
132.0–133.0	0.00	367.42	0.00	99.75	179.0–180.0	0.00	368.33	0.00	100.00
133.0–134.0	0.00	367.42	0.00	99.75					
134.0–135.0	0.00	367.42	0.00	99.75					
135.0–136.0	0.00	367.42	0.00	99.75					
136.0–137.0	0.00	367.42	0.00	99.75					
137.0–138.0	0.00	367.42	0.00	99.75					
138.0–139.0	0.00	367.42	0.00	99.75					
139.0–140.0	0.00	367.42	0.00	99.75					
140.0–141.0	0.00	367.42	0.00	99.75					

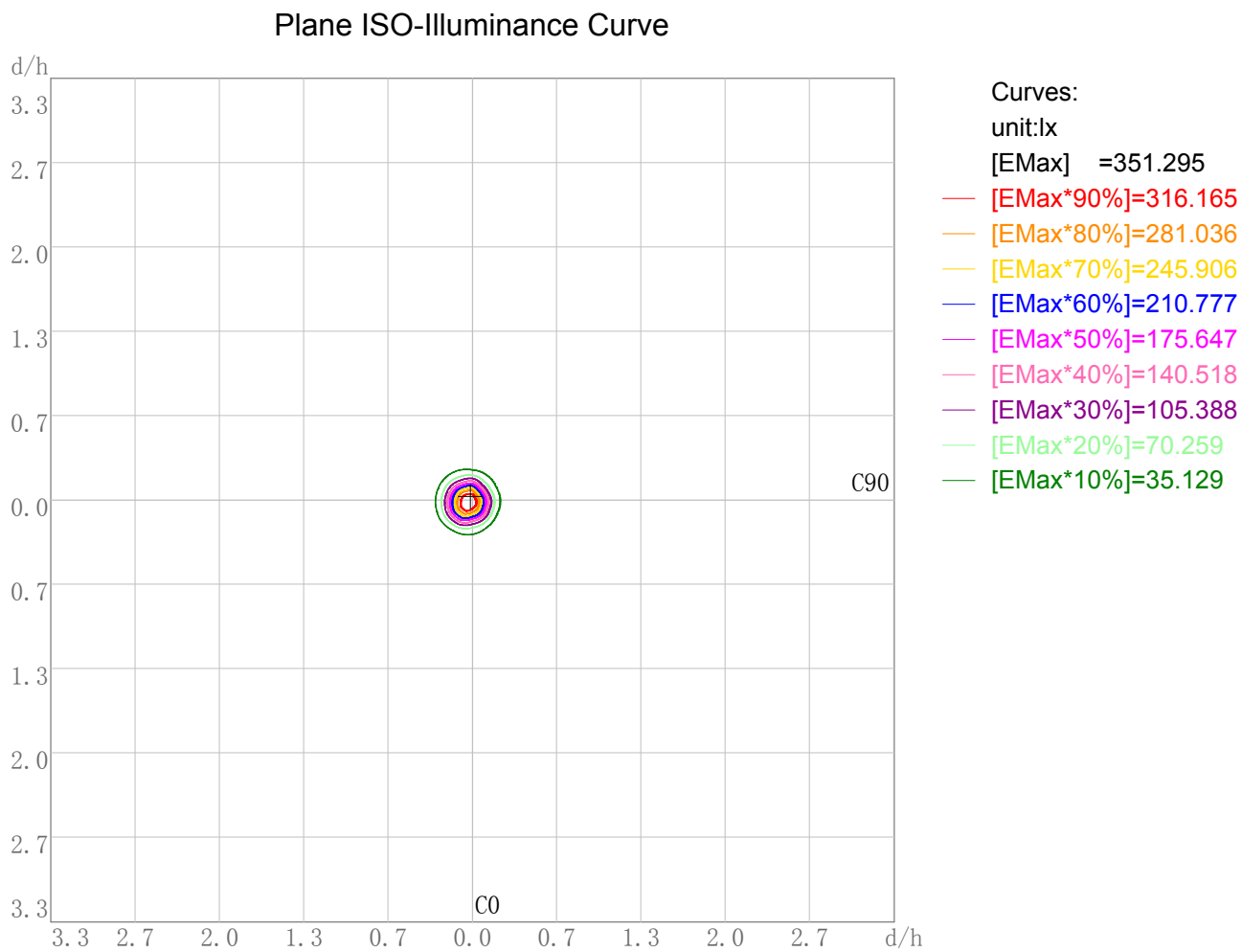
Rectangle ISO Lighting Intensity Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/11/29



Plane ISO-Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/11/29

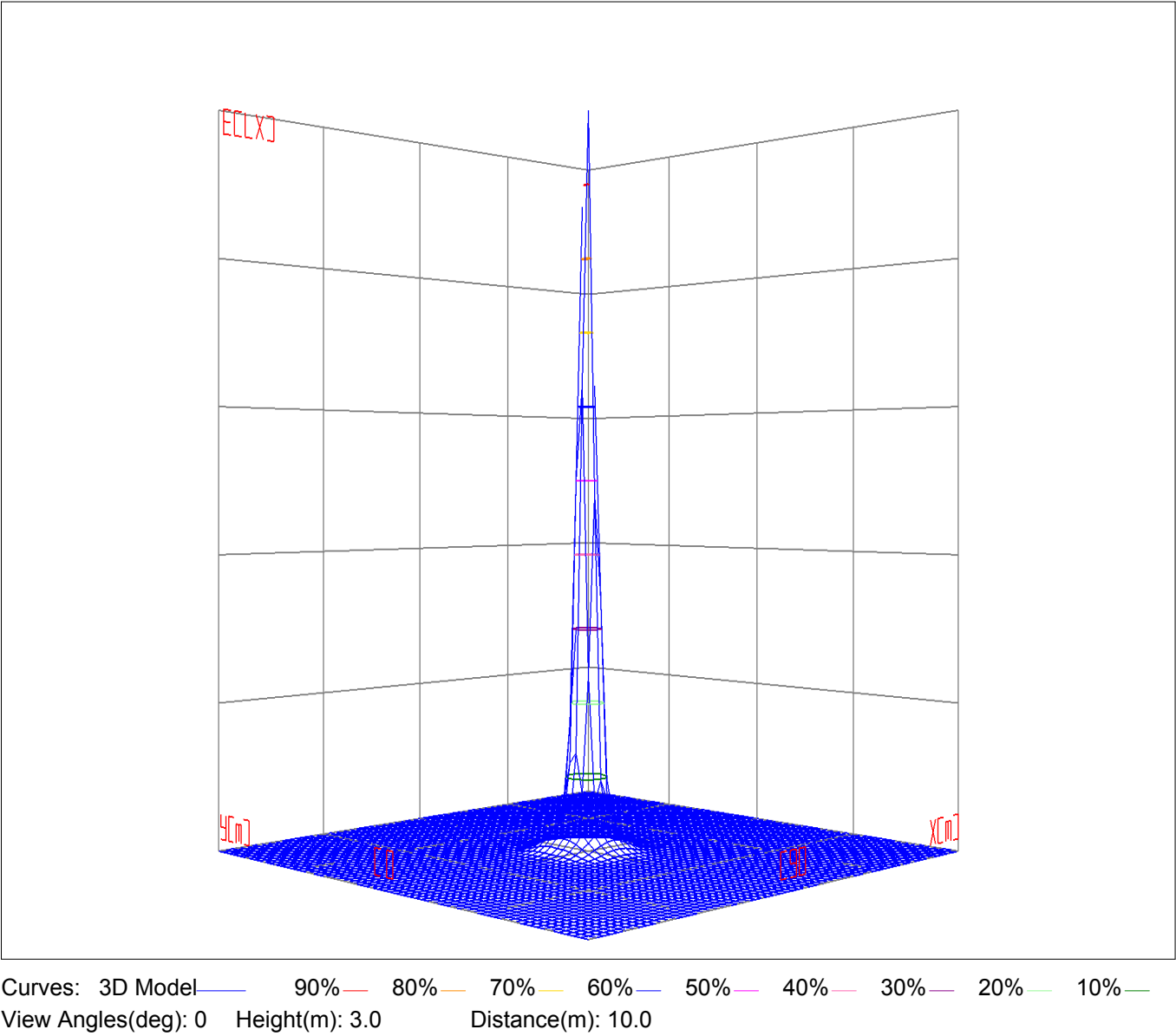


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 351.29
Working Plane Maximum Illuminance Position(d/h):H-0.0 V-0.0

3D Plane ISO Illuminance Diagram

Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/11/29

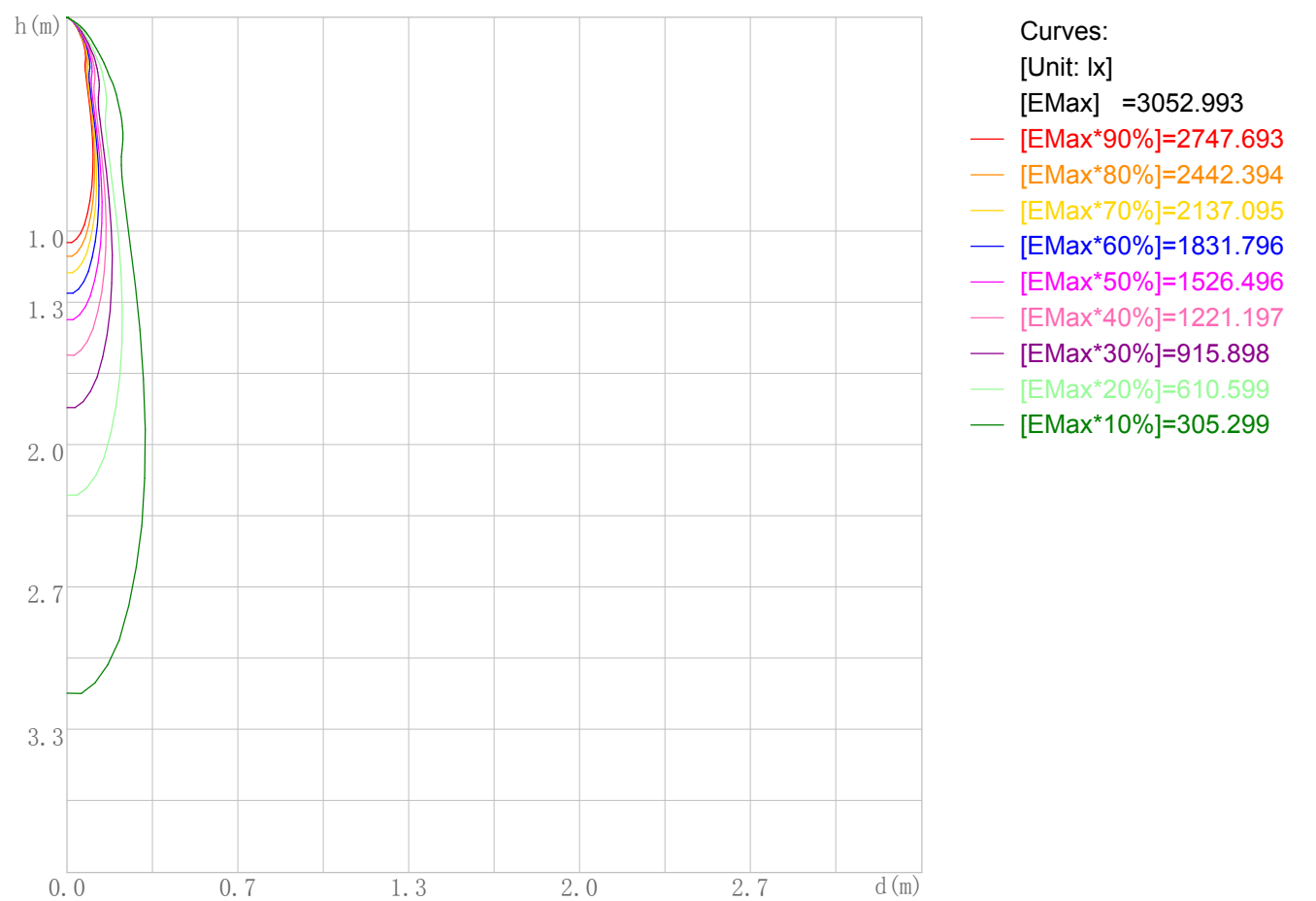
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/11/29

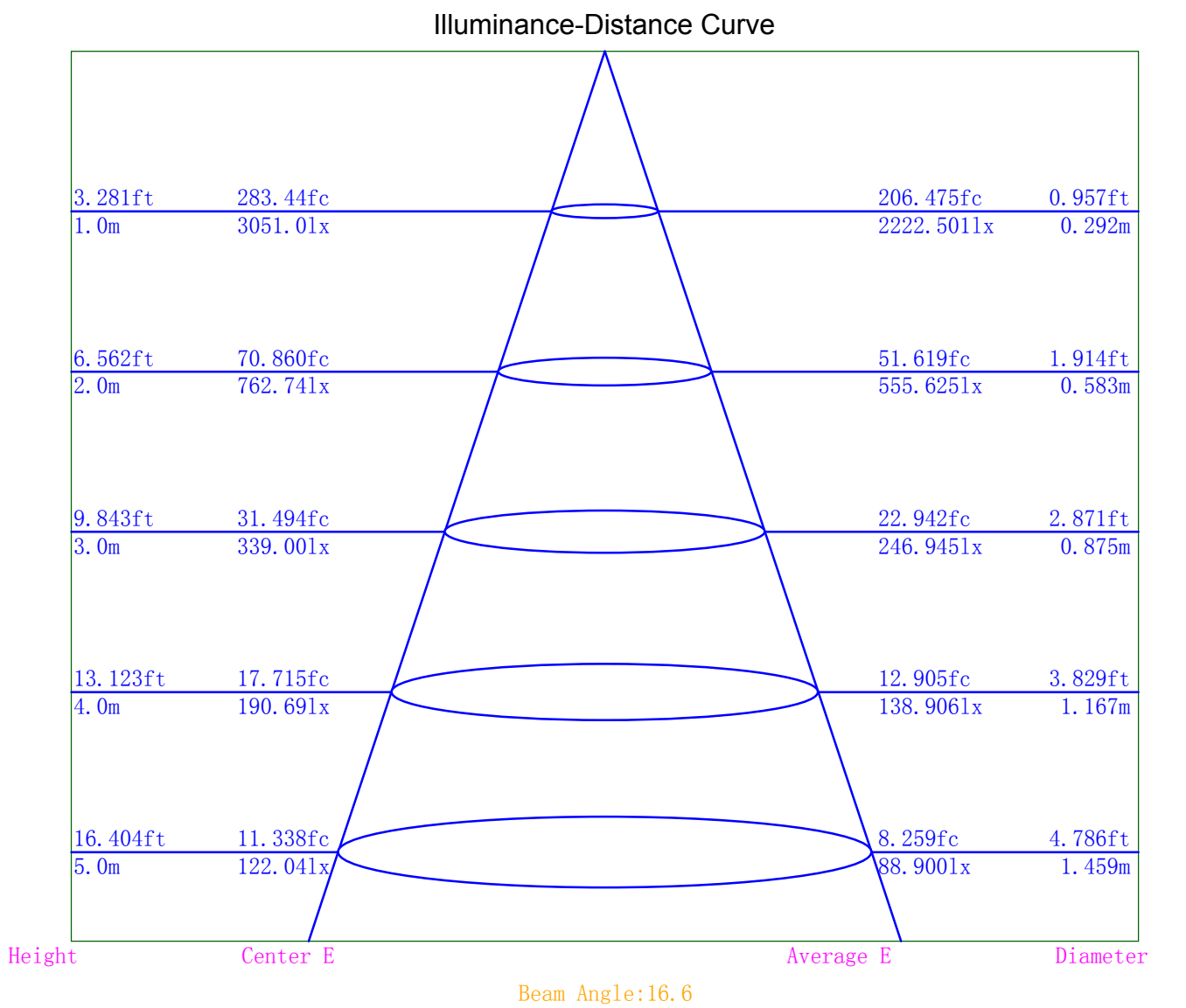
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:3052.99lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:3054.388cd,0eg

Illuminance-Distance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/11/29



Indoor Luminance Limiting Curves

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/11/29

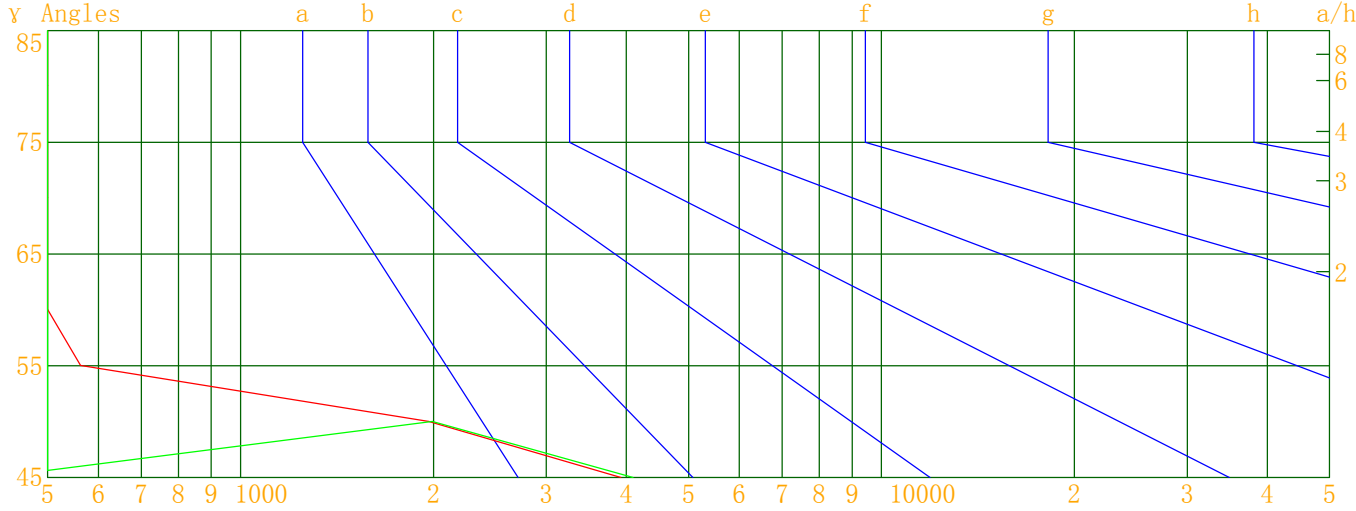
Glare Grade Table

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	3921	1966	563	0	0	0	0	0	0
C90	4096	1992	413	0	0	0	0	0	0

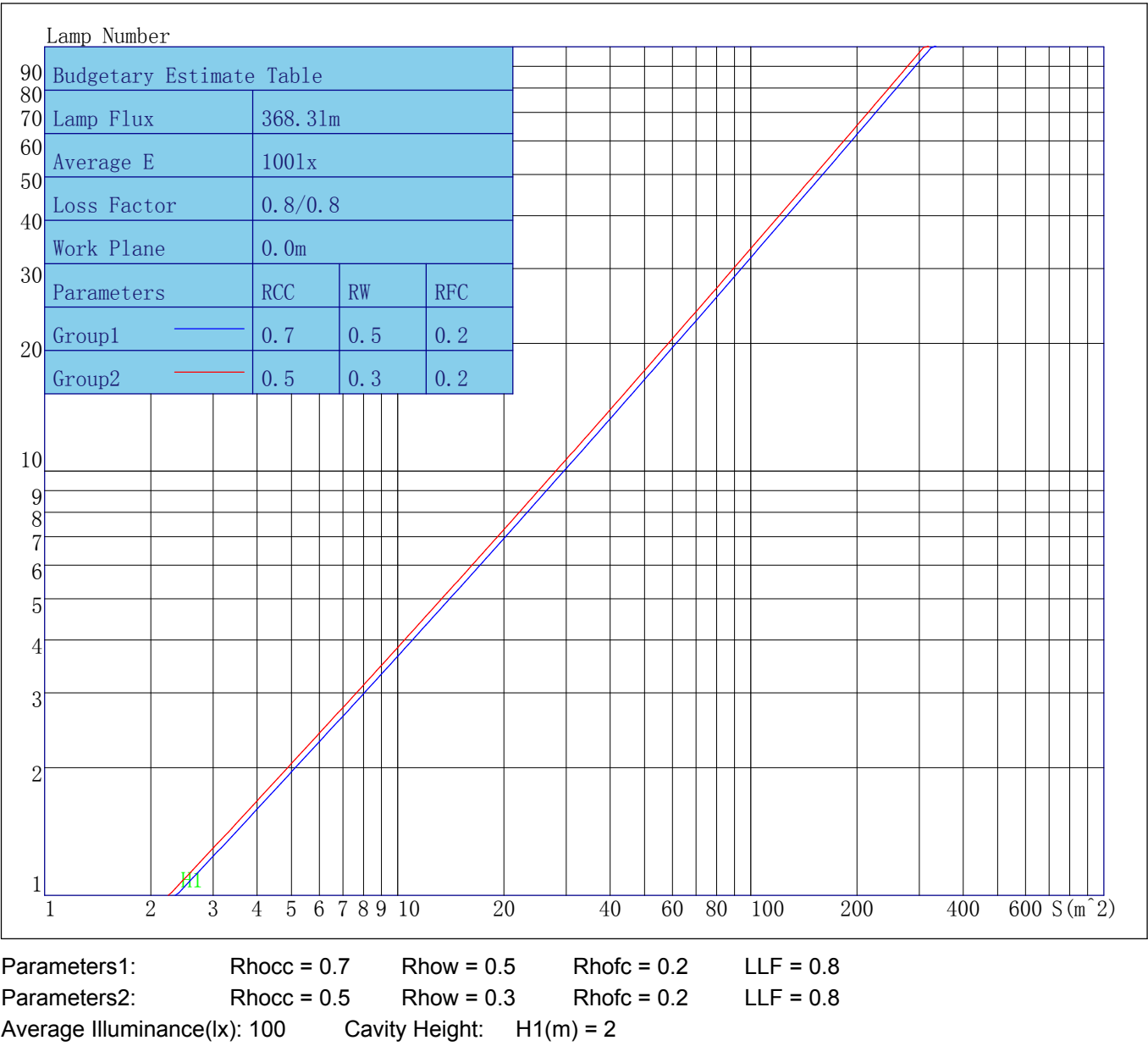
Luminance Limiting Curve



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: 2017/11/29



Indoor Coefficient of Utilization Table

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/11/29

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	115	113	111	110	113	111	110	108	107	106	105	103	103	102	100	99	99	97
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92
4	106	101	97	94	104	100	96	94	98	95	93	96	93	92	94	92	91	89
5	103	97	94	91	102	97	93	90	95	92	90	94	91	89	92	90	88	87
6	100	95	91	88	99	94	90	88	93	90	87	91	89	87	90	88	86	85
7	98	92	88	86	97	91	88	85	90	87	85	89	87	85	88	86	84	83
8	96	90	86	83	95	89	86	83	88	85	83	88	85	83	87	84	82	81
9	94	88	84	81	93	87	84	81	86	83	81	86	83	81	85	83	81	80
10	92	86	82	80	91	85	82	80	85	82	79	84	81	79	83	81	79	78

IES Indoor Report
Photometric Filename:UL-9W-COB-0900-A.IES

Unified Glare Rating Table

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/11/29

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	9.1	10.0	9.5	10.3	10.6	7.5	8.4	7.9	8.7	9.0
	8.9	9.7	9.3	10.0	10.4	7.3	8.1	7.7	8.4	8.8
	8.8	9.5	9.2	9.8	10.2	7.2	7.9	7.6	8.3	8.7
	8.7	9.3	9.1	9.7	10.1	7.1	7.7	7.5	8.1	8.5
	8.6	9.2	9.0	9.6	10.0	7.0	7.6	7.5	8.0	8.4
	8.5	9.1	9.0	9.5	9.9	6.9	7.5	7.4	7.9	8.4
X=4H Y=2H	8.8	9.5	9.2	9.8	10.2	7.2	7.9	7.6	8.3	8.7
	8.5	9.1	9.0	9.5	10.0	7.0	7.5	7.4	8.0	8.4
	8.4	8.9	8.9	9.4	9.8	6.8	7.3	7.3	7.8	8.2
	8.3	8.7	8.8	9.2	9.7	6.7	7.2	7.2	7.6	8.1
	8.2	8.6	8.7	9.1	9.6	6.6	7.0	7.1	7.5	8.0
	8.1	8.5	8.6	9.0	9.5	6.6	6.9	7.1	7.4	7.9
X=8H Y=4H	8.2	8.6	8.7	9.1	9.6	6.6	7.0	7.1	7.5	8.0
	8.1	8.4	8.6	8.9	9.4	6.5	6.8	7.0	7.3	7.8
	8.0	8.3	8.6	8.8	9.3	6.4	6.7	7.0	7.2	7.7
	8.0	8.2	8.5	8.7	9.3	6.4	6.6	6.9	7.1	7.7
X=12H Y=4H	8.1	8.5	8.6	9.0	9.5	6.6	6.9	7.1	7.4	7.9
	8.0	8.3	8.6	8.8	9.3	6.4	6.7	7.0	7.2	7.7
	8.0	8.2	8.5	8.7	9.3	6.4	6.6	6.9	7.1	7.7
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					0.0				

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-0900-A.IES

Candela Tabulation

V/H	C0. 0	C30. 0	C60. 0	C90. 0	C120. 0	C150. 0	C180. 0	C210. 0	C240. 0	C270. 0	C300. 0	C330. 0
Y 0. 0	3050. 97	3050. 97	3050. 97	3050. 97	3050. 97	3050. 97	3050. 97	3050. 97	3050. 97	3050. 97	3050. 97	3050. 97
Y 1. 0	3054. 39	2942. 94	2875. 01	2918. 81	2926. 96	3010. 81	3102. 93	3133. 02	3112. 07	3106. 18	3071. 99	3037. 27
Y 2. 0	2965. 83	2761. 88	2672. 77	2745. 95	2780. 66	2940. 68	3049. 88	3167. 44	3165. 10	3117. 68	3049. 45	2973. 92
Y 3. 0	2814. 00	2534. 90	2409. 01	2514. 23	2564. 84	2805. 12	2953. 28	3171. 90	3163. 82	3097. 95	2997. 54	2869. 09
Y 4. 0	2611. 54	2249. 92	2104. 93	2226. 26	2306. 62	2621. 17	2813. 51	3125. 37	3124. 69	3045. 99	2933. 73	2723. 08
Y 5. 0	2338. 75	1926. 86	1779. 00	1909. 77	2012. 24	2367. 22	2622. 40	3006. 73	3050. 74	2938. 67	2801. 11	2529. 03
Y 6. 0	2052. 98	1591. 53	1449. 23	1594. 49	1717. 07	2083. 47	2378. 23	2843. 24	2919. 49	2778. 35	2613. 32	2276. 92
Y 7. 0	1763. 78	1268. 93	1151. 46	1299. 21	1423. 71	1801. 67	2078. 88	2628. 97	2730. 12	2569. 88	2381. 96	1970. 01
Y 8. 0	1460. 61	993. 34	897. 10	1032. 21	1142. 19	1506. 28	1751. 29	2357. 79	2491. 05	2325. 11	2096. 84	1644. 91
Y 9. 0	1179. 38	781. 84	696. 16	797. 59	892. 67	1224. 28	1434. 52	2073. 44	2215. 52	2031. 09	1787. 40	1340. 01
Y 10. 0	916. 43	617. 40	540. 51	608. 50	682. 09	960. 70	1155. 40	1775. 07	1920. 60	1715. 62	1476. 29	1072. 07
Y 11. 0	689. 76	492. 67	425. 66	464. 15	512. 99	726. 29	913. 60	1449. 75	1607. 26	1406. 54	1194. 50	845. 05
Y 12. 0	511. 81	395. 97	341. 67	358. 24	384. 42	539. 09	717. 61	1129. 64	1297. 15	1118. 34	943. 35	660. 75
Y 13. 0	378. 78	322. 47	277. 28	284. 18	296. 23	397. 38	564. 97	856. 88	1009. 83	864. 28	731. 22	518. 46
Y 14. 0	290. 46	267. 87	231. 29	232. 96	236. 54	301. 29	446. 67	635. 15	759. 74	657. 74	561. 16	410. 26
Y 15. 0	231. 97	228. 66	199. 22	197. 46	196. 52	238. 35	359. 00	468. 88	563. 48	498. 84	431. 95	331. 26
Y 16. 0	192. 83	199. 57	176. 20	173. 04	169. 34	196. 44	294. 28	351. 13	419. 69	382. 20	340. 53	272. 60
Y 17. 0	167. 08	177. 67	159. 88	156. 37	151. 66	168. 26	245. 70	271. 77	319. 28	298. 72	276. 05	229. 26
Y 18. 0	151. 01	160. 85	146. 52	143. 49	139. 29	150. 53	211. 30	218. 52	251. 85	242. 11	231. 32	199. 11
Y 19. 0	139. 46	146. 49	134. 50	132. 69	128. 95	138. 69	187. 94	184. 42	208. 37	203. 53	201. 01	178. 46
Y 20. 0	130. 15	134. 03	122. 99	122. 13	119. 53	129. 44	170. 99	162. 46	180. 71	178. 63	179. 69	163. 07
Y 21. 0	121. 32	122. 76	112. 67	111. 91	110. 18	120. 66	156. 99	148. 73	162. 76	162. 71	164. 46	150. 04
Y 22. 0	111. 53	112. 77	103. 25	102. 12	100. 47	111. 35	144. 21	138. 81	150. 58	150. 58	151. 50	137. 82
Y 23. 0	101. 32	103. 83	94. 44	92. 95	90. 87	101. 65	132. 26	130. 11	140. 38	139. 30	139. 06	126. 36
Y 24. 0	91. 51	95. 80	86. 67	84. 53	81. 71	91. 82	121. 33	120. 40	130. 13	127. 90	127. 21	116. 14
Y 25. 0	81. 74	88. 66	79. 67	76. 85	73. 54	82. 14	111. 34	110. 05	119. 38	116. 74	116. 16	106. 63
Y 26. 0	72. 72	81. 82	72. 95	70. 24	66. 34	73. 39	102. 32	99. 32	108. 57	106. 31	106. 01	98. 01
Y 27. 0	65. 08	75. 24	66. 79	64. 08	59. 85	65. 72	94. 47	88. 42	97. 62	96. 36	96. 47	90. 61
Y 28. 0	58. 26	69. 00	60. 64	57. 78	53. 80	58. 69	87. 13	78. 25	86. 73	86. 80	88. 00	83. 67
Y 29. 0	51. 82	62. 76	54. 40	51. 82	47. 96	52. 32	80. 06	69. 23	76. 90	78. 69	80. 69	76. 77
Y 30. 0	45. 55	56. 61	48. 90	46. 30	42. 62	46. 75	73. 46	60. 24	68. 99	68. 72	73. 82	70. 31
Y 31. 0	36. 47	51. 05	43. 48	40. 96	35. 78	37. 62	66. 54	50. 57	59. 45	57. 90	66. 99	62. 75
Y 32. 0	31. 60	43. 20	37. 88	33. 45	30. 04	32. 04	56. 00	44. 86	49. 30	51. 67	60. 06	52. 97
Y 33. 0	27. 67	34. 97	31. 15	28. 62	26. 22	28. 28	49. 60	39. 75	43. 57	46. 37	50. 69	47. 30
Y 34. 0	24. 45	30. 58	26. 86	25. 01	23. 02	24. 79	44. 66	34. 90	37. 40	41. 17	43. 52	42. 62
Y 35. 0	21. 24	26. 97	23. 39	21. 47	19. 95	21. 45	39. 77	30. 68	31. 09	36. 25	35. 83	37. 96
Y 36. 0	17. 65	23. 24	19. 02	18. 80	16. 32	18. 39	35. 06	26. 36	27. 21	31. 96	31. 67	33. 27
Y 37. 0	15. 06	19. 91	15. 50	15. 82	14. 18	15. 37	30. 81	20. 84	23. 79	27. 67	27. 98	29. 08
Y 38. 0	13. 21	16. 98	13. 42	13. 42	12. 62	13. 23	26. 60	17. 80	20. 71	22. 67	24. 34	25. 24
Y 39. 0	11. 51	13. 46	11. 67	11. 68	11. 08	11. 51	21. 90	15. 73	17. 86	19. 66	21. 10	20. 25
Y 40. 0	10. 34	11. 49	9. 97	10. 60	9. 70	10. 42	17. 72	13. 58	15. 60	17. 18	18. 15	16. 66
Y 41. 0	9. 33	9. 89	8. 47	9. 49	8. 60	9. 29	15. 45	11. 58	13. 60	14. 74	15. 41	14. 61
Y 42. 0	7. 95	8. 89	7. 46	8. 16	7. 60	7. 88	13. 24	9. 88	11. 61	12. 87	13. 28	12. 59
Y 43. 0	7. 06	7. 67	6. 59	7. 24	6. 62	6. 93	11. 39	8. 53	9. 94	10. 60	11. 70	10. 47
Y 44. 0	6. 36	6. 35	5. 57	6. 54	6. 00	6. 38	9. 55	6. 71	8. 84	8. 66	10. 17	8. 87
Y 45. 0	5. 44	5. 42	5. 04	5. 69	5. 46	5. 40	8. 01	5. 84	7. 64	7. 48	8. 68	7. 63
Y 46. 0	4. 72	4. 93	4. 67	4. 79	4. 74	4. 64	6. 91	5. 27	6. 49	6. 73	7. 74	6. 42

IES Indoor Report
Photometric Filename:UL-9W-COB-0900-A.IES

Candela Tabulation - (Cont.)

V/H	C0. 0	C30. 0	C60. 0	C90. 0	C120. 0	C150. 0	C180. 0	C210. 0	C240. 0	C270. 0	C300. 0	C330. 0
Y 47. 0	4. 34	4. 09	3. 94	4. 36	4. 05	4. 27	6. 08	4. 58	5. 72	5. 63	6. 83	5. 56
Y 48. 0	3. 75	3. 31	3. 28	3. 72	3. 73	3. 72	5. 12	3. 82	5. 11	4. 44	5. 87	4. 81
Y 49. 0	2. 87	2. 87	2. 98	3. 00	3. 12	2. 89	4. 08	3. 37	4. 05	3. 89	5. 05	3. 86
Y 50. 0	2. 48	2. 49	2. 48	2. 51	2. 41	2. 34	3. 63	2. 83	3. 46	3. 33	4. 30	3. 27
Y 51. 0	2. 17	1. 90	1. 77	2. 03	2. 00	2. 12	3. 25	2. 30	3. 13	2. 69	3. 57	3. 05
Y 52. 0	1. 60	1. 58	1. 37	1. 45	1. 48	1. 66	2. 66	2. 04	2. 34	2. 43	2. 61	2. 61
Y 53. 0	1. 20	1. 40	0. 94	1. 28	0. 90	1. 06	2. 26	1. 73	1. 72	2. 17	2. 09	2. 07
Y 54. 0	1. 00	0. 86	0. 45	0. 93	0. 38	0. 91	2. 08	1. 24	1. 44	1. 56	1. 64	1. 70
Y 55. 0	0. 63	0. 48	0. 05	0. 47	0. 27	0. 69	1. 50	0. 95	1. 17	1. 27	1. 11	1. 47
Y 56. 0	0. 08	0. 17	0. 00	0. 17	0. 00	0. 12	0. 94	0. 89	0. 56	0. 95	0. 64	0. 80
Y 57. 0	0. 07	0. 00	0. 00	0. 05	0. 00	0. 00	0. 65	0. 38	0. 15	0. 26	0. 23	0. 32
Y 58. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 27	0. 06	0. 00	0. 00	0. 00	0. 15
Y 59. 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 61. 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 62. 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 63. 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 64. 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 65. 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 66. 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 67. 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 68. 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 69. 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 70. 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 71. 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 72. 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 73. 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 74. 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 75. 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 76. 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 77. 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 78. 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 79. 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 80. 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 81. 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 82. 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 83. 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 84. 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 85. 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 86. 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 87. 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 88. 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 89. 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 91. 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 92. 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 93. 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-0900-A.IES

Candela Tabulation - (Cont.)

[illegible]

IES Indoor Report
Photometric Filename:UL-9W-COB-0900-A.IES

Candela Tabulation - (Cont.)

V/H	C0. 0	C30. 0	C60. 0	C90. 0	C120. 0	C150. 0	C180. 0	C210. 0	C240. 0	C270. 0	C300. 0	C330. 0
Y 141. 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 142. 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 143. 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 144. 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 145. 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 146. 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 147. 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 148. 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 149. 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 151. 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 152. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 34	0. 11	0. 00	0. 00	0. 00	0. 21
Y 153. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 61	0. 12	0. 19	0. 12	0. 29	0. 54
Y 154. 0	0. 00	0. 00	0. 16	0. 00	0. 00	0. 00	0. 56	0. 47	0. 24	0. 40	0. 44	0. 57
Y 155. 0	0. 00	0. 29	0. 25	0. 16	0. 00	0. 00	0. 87	0. 73	0. 50	0. 43	0. 49	0. 75
Y 156. 0	0. 34	0. 32	0. 30	0. 25	0. 37	0. 00	1. 12	0. 73	0. 78	0. 51	0. 83	1. 10
Y 157. 0	0. 46	0. 47	0. 69	0. 23	0. 55	0. 26	1. 18	0. 92	0. 84	0. 89	1. 06	1. 05
Y 158. 0	0. 50	0. 85	0. 89	0. 49	0. 58	0. 54	1. 32	1. 30	0. 98	0. 95	1. 00	1. 21
Y 159. 0	0. 83	1. 05	0. 89	0. 85	0. 90	0. 58	1. 67	1. 37	1. 38	0. 95	1. 32	1. 61
Y 160. 0	1. 10	1. 10	1. 12	0. 89	1. 16	0. 80	1. 80	1. 40	1. 43	1. 22	1. 55	1. 62
Y 161. 0	1. 09	1. 41	1. 40	0. 98	1. 12	1. 21	1. 84	1. 77	1. 37	1. 53	1. 56	1. 73
Y 162. 0	1. 34	1. 76	1. 36	1. 31	1. 45	1. 26	2. 14	1. 84	1. 66	1. 47	1. 66	2. 03
Y 163. 0	1. 75	1. 73	1. 53	1. 37	1. 71	1. 39	2. 31	1. 88	1. 87	1. 50	1. 99	2. 17
Y 164. 0	1. 74	1. 85	1. 74	1. 36	1. 73	1. 72	2. 28	2. 09	1. 79	1. 82	1. 98	2. 14
Y 165. 0	1. 85	2. 15	1. 69	1. 62	1. 85	1. 84	2. 55	2. 32	1. 99	1. 93	2. 01	2. 44
Y 166. 0	2. 19	2. 17	1. 64	1. 73	2. 13	1. 79	2. 76	2. 24	2. 29	1. 83	2. 33	2. 58
Y 167. 0	2. 23	2. 05	1. 88	1. 62	2. 01	2. 20	2. 64	2. 36	2. 18	2. 04	2. 29	2. 43
Y 168. 0	2. 19	2. 22	1. 75	1. 65	1. 95	2. 22	2. 63	2. 64	2. 13	2. 22	2. 24	2. 63
Y 169. 0	2. 40	2. 13	1. 60	1. 84	2. 21	2. 17	2. 86	2. 53	2. 42	2. 09	2. 45	2. 69
Y 170. 0	2. 53	1. 95	1. 68	1. 68	2. 06	2. 33	2. 73	2. 51	2. 38	2. 08	2. 43	2. 45
Y 171. 0	2. 38	1. 96	1. 42	1. 75	2. 04	2. 18	2. 78	2. 48	2. 36	2. 15	2. 42	2. 55
Y 172. 0	2. 38	1. 65	1. 41	1. 54	1. 92	2. 24	2. 49	2. 37	2. 44	2. 04	2. 33	2. 29
Y 173. 0	2. 31	1. 51	1. 32	1. 50	1. 82	2. 13	2. 41	2. 26	2. 34	1. 95	2. 17	2. 16
Y 174. 0	2. 09	1. 39	1. 31	1. 25	1. 49	2. 02	2. 13	2. 24	2. 17	1. 87	1. 92	1. 91
Y 175. 0	1. 99	1. 30	1. 25	1. 18	1. 48	1. 92	2. 02	1. 98	2. 02	1. 81	1. 82	1. 82
Y 176. 0	1. 74	1. 34	0. 96	1. 30	1. 51	1. 63	2. 13	1. 95	1. 80	1. 86	1. 93	1. 91
Y 177. 0	1. 72	1. 35	1. 26	1. 05	1. 28	1. 52	1. 86	1. 83	1. 53	1. 64	1. 67	1. 75
Y 178. 0	1. 80	1. 17	1. 13	1. 13	1. 36	1. 57	1. 68	1. 51	1. 58	1. 49	1. 48	1. 50
Y 179. 0	1. 67	1. 45	1. 34	1. 26	1. 33	1. 64	1. 92	1. 55	1. 28	1. 29	1. 60	1. 60
Y 180. 0	1. 50	1. 50	1. 50	1. 50	1. 50	1. 50	1. 50	1. 50	1. 50	1. 50	1. 50	1. 50