

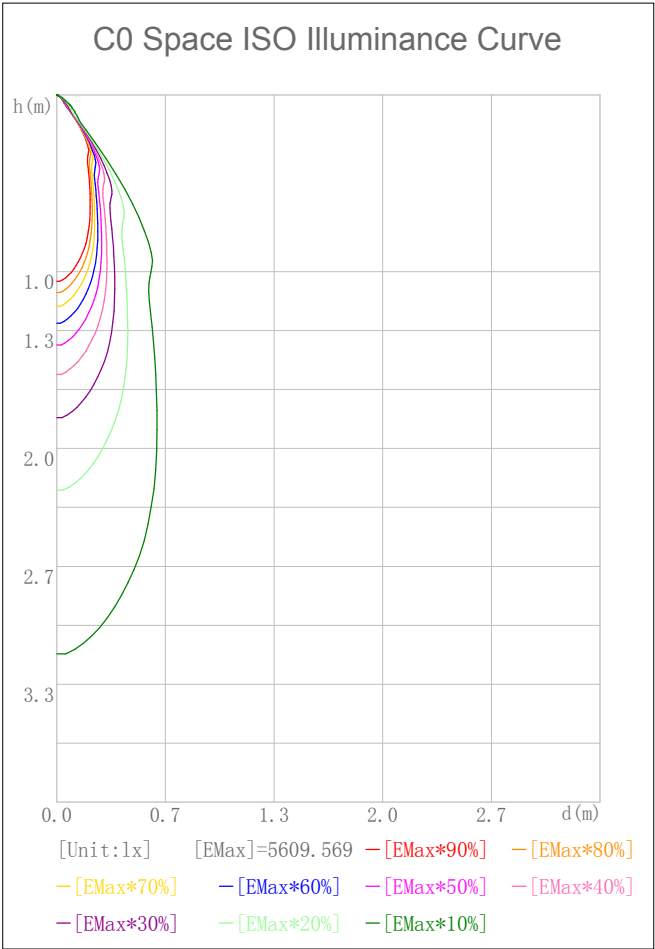
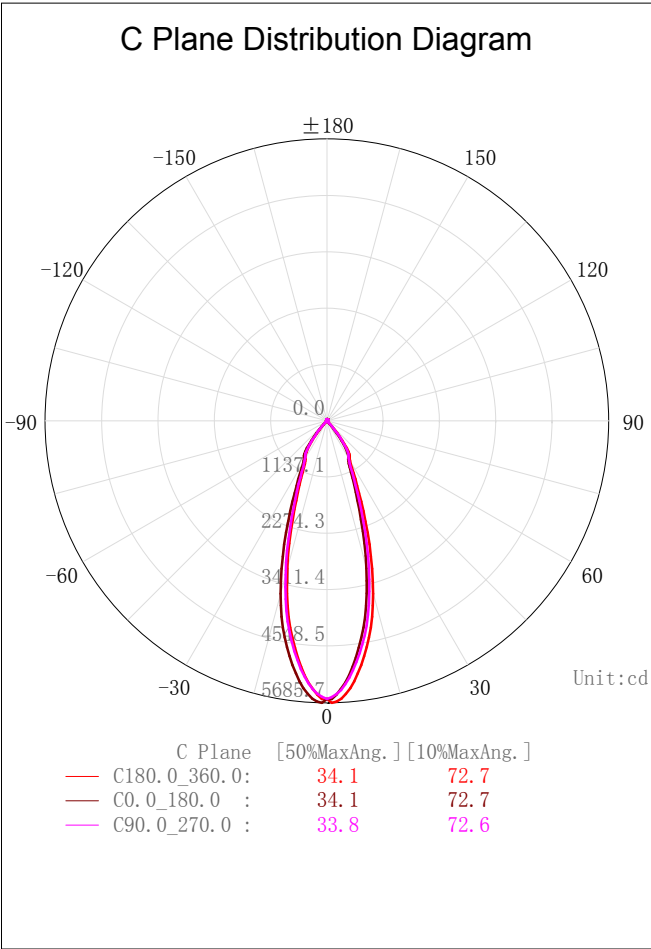
Indoor Luminaire Photometric Data

Description Information

Luminary Name:		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2017/04/29
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 (%): 50.0

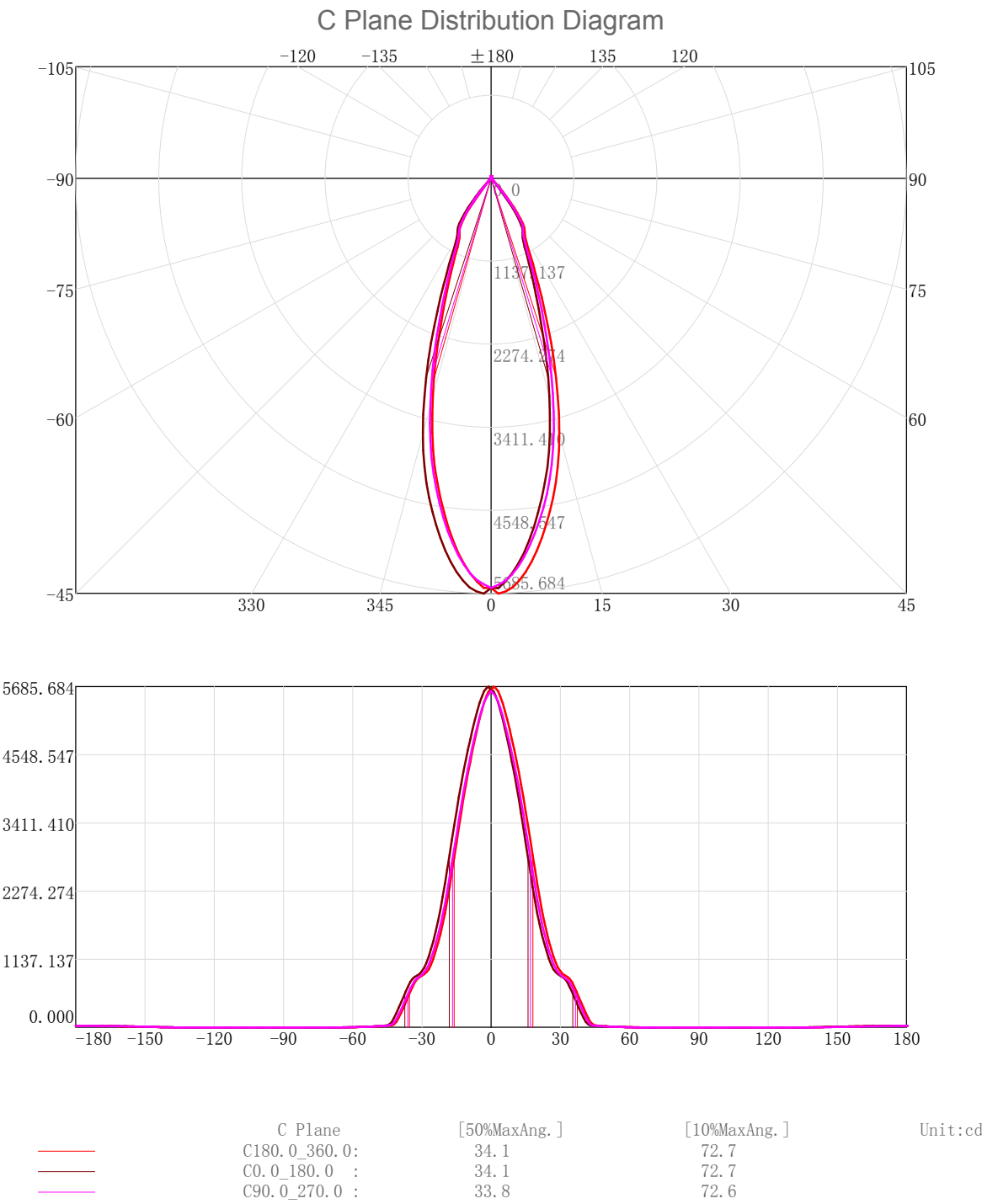
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 2429.040	Luminary Flux(lm): 2429.040	Field Angle(10%Imax): 72.7(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 2407.786lm 99.13%	
Rated Voltage(V):	Luminary EER(lm/W): 89.599	Up Lumens&Percent: 21.253lm 0.87%	
Tested Power(W): 27.110	Max. Candela(cd): 5685.684	S/MH: C0_a180=0.566 C90_270=0.556	
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):220.6, 0.127, 0.967	Beam Angle(50%Imax): 34.1(°)	ErP Φuse(90°): 2400.157lm	
Lamp Size (W*L*H):0.050m*-0.050m*0.000m	Left=-16.0°, Right=18.1°	IRF (%): 497.917	



2D Plane Light Intensity Distribution Curve

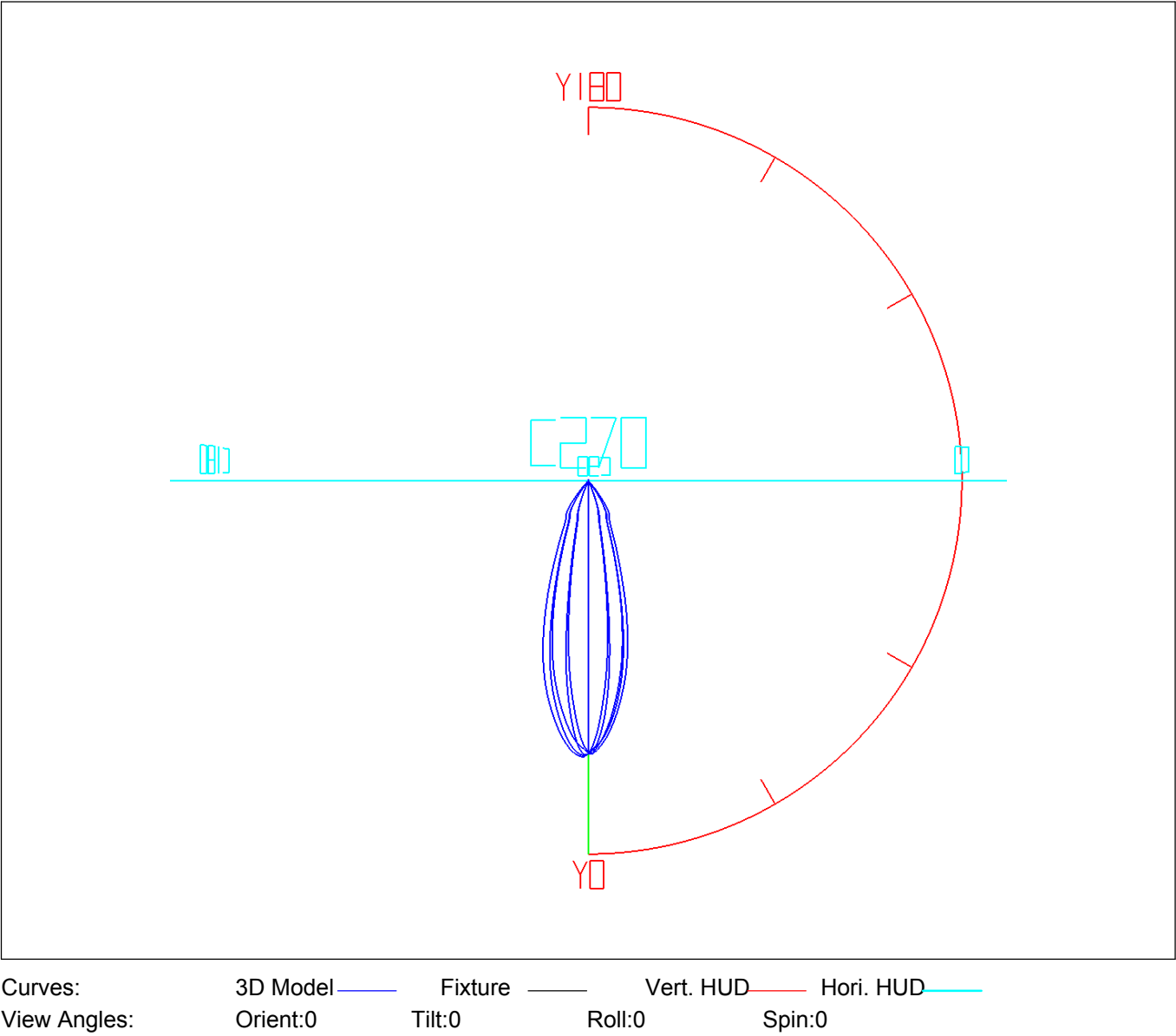
Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/04/29



3D Light Intensity Distribution Modal

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/04/29

3D Light Intensity Distribution Modal



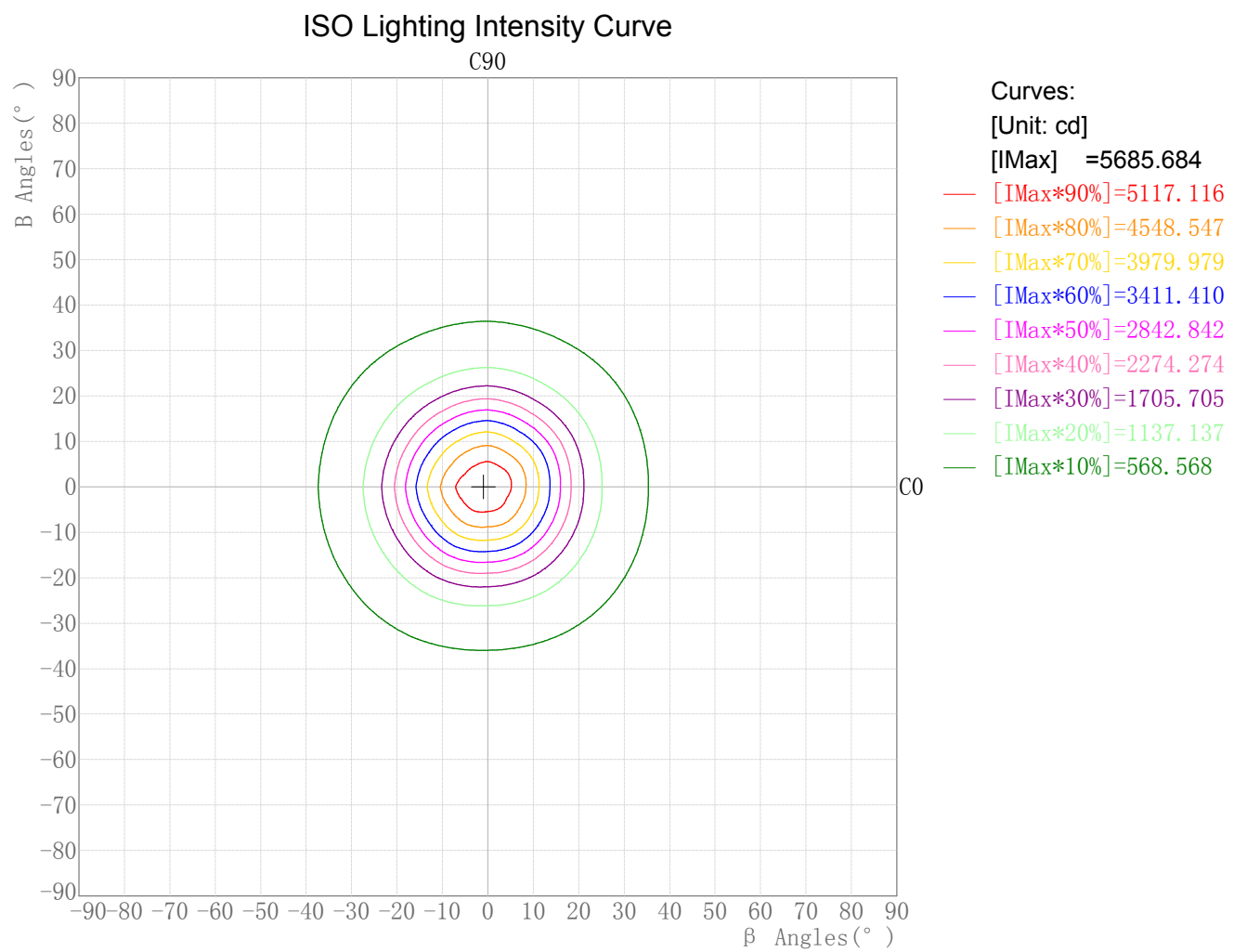
Zonal Flux Tabulation									
Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0. 0-1. 0	5. 35	5. 35	0. 22	0. 22	47. 0-48. 0	1. 94	2393. 11	0. 08	98. 52
1. 0-2. 0	15. 94	21. 30	0. 66	0. 88	48. 0-49. 0	1. 77	2394. 88	0. 07	98. 59
2. 0-3. 0	26. 24	47. 54	1. 08	1. 96	49. 0-50. 0	1. 63	2396. 51	0. 07	98. 66
3. 0-4. 0	36. 08	83. 61	1. 49	3. 44	50. 0-51. 0	1. 51	2398. 03	0. 06	98. 72
4. 0-5. 0	45. 35	128. 97	1. 87	5. 31	51. 0-52. 0	1. 38	2399. 41	0. 06	98. 78
5. 0-6. 0	53. 97	182. 94	2. 22	7. 53	52. 0-53. 0	1. 25	2400. 67	0. 05	98. 83
6. 0-7. 0	61. 84	244. 78	2. 55	10. 08	53. 0-54. 0	1. 15	2401. 82	0. 05	98. 88
7. 0-8. 0	68. 95	313. 73	2. 84	12. 92	54. 0-55. 0	1. 03	2402. 85	0. 04	98. 92
8. 0-9. 0	75. 28	389. 01	3. 10	16. 01	55. 0-56. 0	0. 91	2403. 76	0. 04	98. 96
9. 0-10. 0	80. 80	469. 81	3. 33	19. 34	56. 0-57. 0	0. 82	2404. 58	0. 03	98. 99
10. 0-11. 0	85. 47	555. 28	3. 52	22. 86	57. 0-58. 0	0. 71	2405. 29	0. 03	99. 02
11. 0-12. 0	89. 17	644. 45	3. 67	26. 53	58. 0-59. 0	0. 59	2405. 88	0. 02	99. 05
12. 0-13. 0	91. 76	736. 21	3. 78	30. 31	59. 0-60. 0	0. 51	2406. 39	0. 02	99. 07
13. 0-14. 0	93. 18	829. 39	3. 84	34. 14	60. 0-61. 0	0. 44	2406. 83	0. 02	99. 09
14. 0-15. 0	93. 48	922. 87	3. 85	37. 99	61. 0-62. 0	0. 34	2407. 18	0. 01	99. 10
15. 0-16. 0	92. 73	1015. 60	3. 82	41. 81	62. 0-63. 0	0. 24	2407. 42	0. 01	99. 11
16. 0-17. 0	91. 02	1106. 62	3. 75	45. 56	63. 0-64. 0	0. 18	2407. 60	0. 01	99. 12
17. 0-18. 0	88. 43	1195. 05	3. 64	49. 20	64. 0-65. 0	0. 11	2407. 71	0. 00	99. 12
18. 0-19. 0	85. 13	1280. 18	3. 50	52. 70	65. 0-66. 0	0. 05	2407. 76	0. 00	99. 12
19. 0-20. 0	81. 34	1361. 52	3. 35	56. 05	66. 0-67. 0	0. 02	2407. 78	0. 00	99. 12
20. 0-21. 0	77. 32	1438. 84	3. 18	59. 23	67. 0-68. 0	0. 01	2407. 78	0. 00	99. 12
21. 0-22. 0	73. 21	1512. 05	3. 01	62. 25	68. 0-69. 0	0. 00	2407. 78	0. 00	99. 12
22. 0-23. 0	69. 12	1581. 17	2. 85	65. 09	69. 0-70. 0	0. 00	2407. 79	0. 00	99. 13
23. 0-24. 0	65. 08	1646. 25	2. 68	67. 77	70. 0-71. 0	0. 00	2407. 79	0. 00	99. 13
24. 0-25. 0	61. 20	1707. 45	2. 52	70. 29	71. 0-72. 0	0. 00	2407. 79	0. 00	99. 13
25. 0-26. 0	57. 55	1764. 99	2. 37	72. 66	72. 0-73. 0	0. 00	2407. 79	0. 00	99. 13
26. 0-27. 0	54. 25	1819. 24	2. 23	74. 90	73. 0-74. 0	0. 00	2407. 79	0. 00	99. 13
27. 0-28. 0	51. 61	1870. 86	2. 12	77. 02	74. 0-75. 0	0. 00	2407. 79	0. 00	99. 13
28. 0-29. 0	49. 79	1920. 65	2. 05	79. 07	75. 0-76. 0	0. 00	2407. 79	0. 00	99. 13
29. 0-30. 0	48. 70	1969. 35	2. 00	81. 08	76. 0-77. 0	0. 00	2407. 79	0. 00	99. 13
30. 0-31. 0	48. 15	2017. 50	1. 98	83. 06	77. 0-78. 0	0. 00	2407. 79	0. 00	99. 13
31. 0-32. 0	47. 85	2065. 36	1. 97	85. 03	78. 0-79. 0	0. 00	2407. 79	0. 00	99. 13
32. 0-33. 0	47. 36	2112. 72	1. 95	86. 98	79. 0-80. 0	0. 00	2407. 79	0. 00	99. 13
33. 0-34. 0	46. 00	2158. 71	1. 89	88. 87	80. 0-81. 0	0. 00	2407. 79	0. 00	99. 13
34. 0-35. 0	43. 40	2202. 11	1. 79	90. 66	81. 0-82. 0	0. 00	2407. 79	0. 00	99. 13
35. 0-36. 0	39. 70	2241. 81	1. 63	92. 29	82. 0-83. 0	0. 00	2407. 79	0. 00	99. 13
36. 0-37. 0	35. 18	2276. 99	1. 45	93. 74	83. 0-84. 0	0. 00	2407. 79	0. 00	99. 13
37. 0-38. 0	30. 09	2307. 08	1. 24	94. 98	84. 0-85. 0	0. 00	2407. 79	0. 00	99. 13
38. 0-39. 0	24. 68	2331. 76	1. 02	96. 00	85. 0-86. 0	0. 00	2407. 79	0. 00	99. 13
39. 0-40. 0	19. 21	2350. 97	0. 79	96. 79	86. 0-87. 0	0. 00	2407. 79	0. 00	99. 13
40. 0-41. 0	14. 00	2364. 97	0. 58	97. 36	87. 0-88. 0	0. 00	2407. 79	0. 00	99. 13
41. 0-42. 0	9. 36	2374. 32	0. 39	97. 75	88. 0-89. 0	0. 00	2407. 79	0. 00	99. 13
42. 0-43. 0	5. 78	2380. 11	0. 24	97. 99	89. 0-90. 0	0. 00	2407. 79	0. 00	99. 13
43. 0-44. 0	3. 71	2383. 82	0. 15	98. 14	90. 0-91. 0	0. 00	2407. 79	0. 00	99. 13
44. 0-45. 0	2. 82	2386. 63	0. 12	98. 25	91. 0-92. 0	0. 00	2407. 79	0. 00	99. 13
45. 0-46. 0	2. 40	2389. 03	0. 10	98. 35	92. 0-93. 0	0. 00	2407. 79	0. 00	99. 13
46. 0-47. 0	2. 13	2391. 17	0. 09	98. 44	93. 0-94. 0	0. 00	2407. 79	0. 00	99. 13

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	2407.79	0.00	99.13	141.0-142.0	0.32	2409.02	0.01	99.18
95.0-96.0	0.00	2407.79	0.00	99.13	142.0-143.0	0.34	2409.36	0.01	99.19
96.0-97.0	0.00	2407.79	0.00	99.13	143.0-144.0	0.40	2409.76	0.02	99.21
97.0-98.0	0.00	2407.79	0.00	99.13	144.0-145.0	0.46	2410.23	0.02	99.23
98.0-99.0	0.00	2407.79	0.00	99.13	145.0-146.0	0.48	2410.71	0.02	99.25
99.0-100.0	0.00	2407.79	0.00	99.13	146.0-147.0	0.51	2411.22	0.02	99.27
100.0-101.0	0.00	2407.79	0.00	99.13	147.0-148.0	0.58	2411.80	0.02	99.29
101.0-102.0	0.00	2407.79	0.00	99.13	148.0-149.0	0.61	2412.41	0.03	99.32
102.0-103.0	0.00	2407.79	0.00	99.13	149.0-150.0	0.62	2413.03	0.03	99.34
103.0-104.0	0.00	2407.79	0.00	99.13	150.0-151.0	0.66	2413.69	0.03	99.37
104.0-105.0	0.00	2407.79	0.00	99.13	151.0-152.0	0.69	2414.39	0.03	99.40
105.0-106.0	0.00	2407.79	0.00	99.13	152.0-153.0	0.70	2415.09	0.03	99.43
106.0-107.0	0.00	2407.79	0.00	99.13	153.0-154.0	0.72	2415.80	0.03	99.46
107.0-108.0	0.00	2407.79	0.00	99.13	154.0-155.0	0.75	2416.55	0.03	99.49
108.0-109.0	0.00	2407.79	0.00	99.13	155.0-156.0	0.75	2417.30	0.03	99.52
109.0-110.0	0.00	2407.79	0.00	99.13	156.0-157.0	0.76	2418.06	0.03	99.55
110.0-111.0	0.00	2407.79	0.00	99.13	157.0-158.0	0.76	2418.82	0.03	99.58
111.0-112.0	0.00	2407.79	0.00	99.13	158.0-159.0	0.76	2419.57	0.03	99.61
112.0-113.0	0.00	2407.79	0.00	99.13	159.0-160.0	0.74	2420.32	0.03	99.64
113.0-114.0	0.00	2407.79	0.00	99.13	160.0-161.0	0.73	2421.05	0.03	99.67
114.0-115.0	0.00	2407.79	0.00	99.13	161.0-162.0	0.73	2421.78	0.03	99.70
115.0-116.0	0.00	2407.79	0.00	99.13	162.0-163.0	0.71	2422.48	0.03	99.73
116.0-117.0	0.00	2407.79	0.00	99.13	163.0-164.0	0.69	2423.17	0.03	99.76
117.0-118.0	0.00	2407.79	0.00	99.13	164.0-165.0	0.66	2423.83	0.03	99.79
118.0-119.0	0.00	2407.79	0.00	99.13	165.0-166.0	0.62	2424.46	0.03	99.81
119.0-120.0	0.00	2407.79	0.00	99.13	166.0-167.0	0.59	2425.05	0.02	99.84
120.0-121.0	0.00	2407.79	0.00	99.13	167.0-168.0	0.56	2425.61	0.02	99.86
121.0-122.0	0.00	2407.79	0.00	99.13	168.0-169.0	0.52	2426.13	0.02	99.88
122.0-123.0	0.00	2407.79	0.00	99.13	169.0-170.0	0.48	2426.62	0.02	99.90
123.0-124.0	0.00	2407.79	0.00	99.13	170.0-171.0	0.44	2427.06	0.02	99.92
124.0-125.0	0.00	2407.79	0.00	99.13	171.0-172.0	0.40	2427.46	0.02	99.94
125.0-126.0	0.00	2407.79	0.00	99.13	172.0-173.0	0.36	2427.82	0.01	99.95
126.0-127.0	0.00	2407.79	0.00	99.13	173.0-174.0	0.32	2428.14	0.01	99.96
127.0-128.0	0.00	2407.79	0.00	99.13	174.0-175.0	0.27	2428.41	0.01	99.97
128.0-129.0	0.00	2407.79	0.00	99.13	175.0-176.0	0.22	2428.63	0.01	99.98
129.0-130.0	0.00	2407.79	0.00	99.13	176.0-177.0	0.18	2428.81	0.01	99.99
130.0-131.0	0.00	2407.79	0.00	99.13	177.0-178.0	0.13	2428.94	0.01	100.00
131.0-132.0	0.00	2407.79	0.00	99.13	178.0-179.0	0.08	2429.01	0.00	100.00
132.0-133.0	0.00	2407.79	0.00	99.13	179.0-180.0	0.03	2429.04	0.00	100.00
133.0-134.0	0.01	2407.80	0.00	99.13					
134.0-135.0	0.03	2407.82	0.00	99.13					
135.0-136.0	0.05	2407.87	0.00	99.13					
136.0-137.0	0.08	2407.95	0.00	99.13					
137.0-138.0	0.13	2408.08	0.01	99.14					
138.0-139.0	0.17	2408.24	0.01	99.14					
139.0-140.0	0.19	2408.44	0.01	99.15					
140.0-141.0	0.27	2408.70	0.01	99.16					

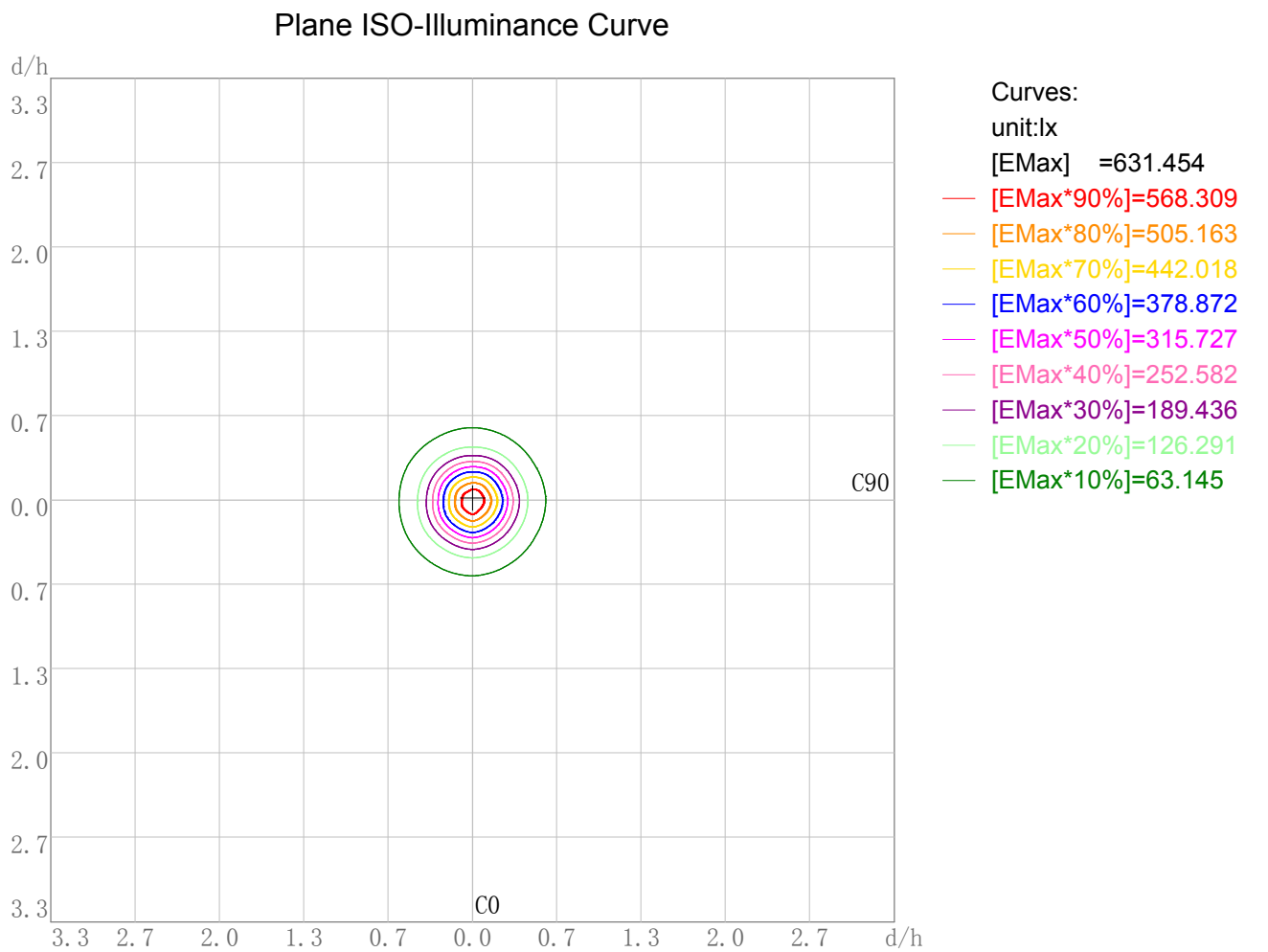
Rectangle ISO Lighting Intensity Diagram

Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/04/29



Plane ISO-Illuminance Diagram

Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/04/29

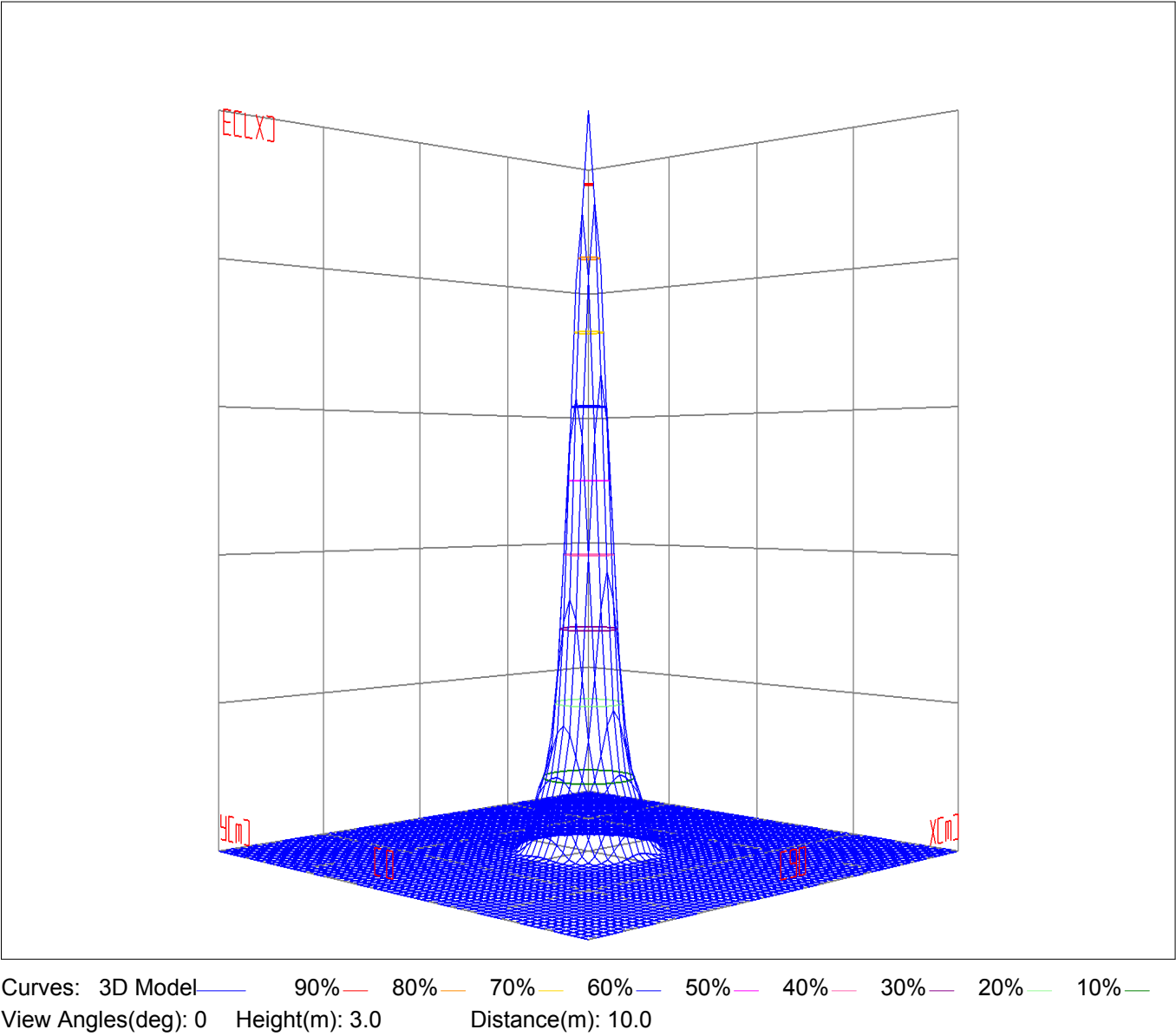


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 631.45
Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

3D Plane ISO Illuminance Diagram

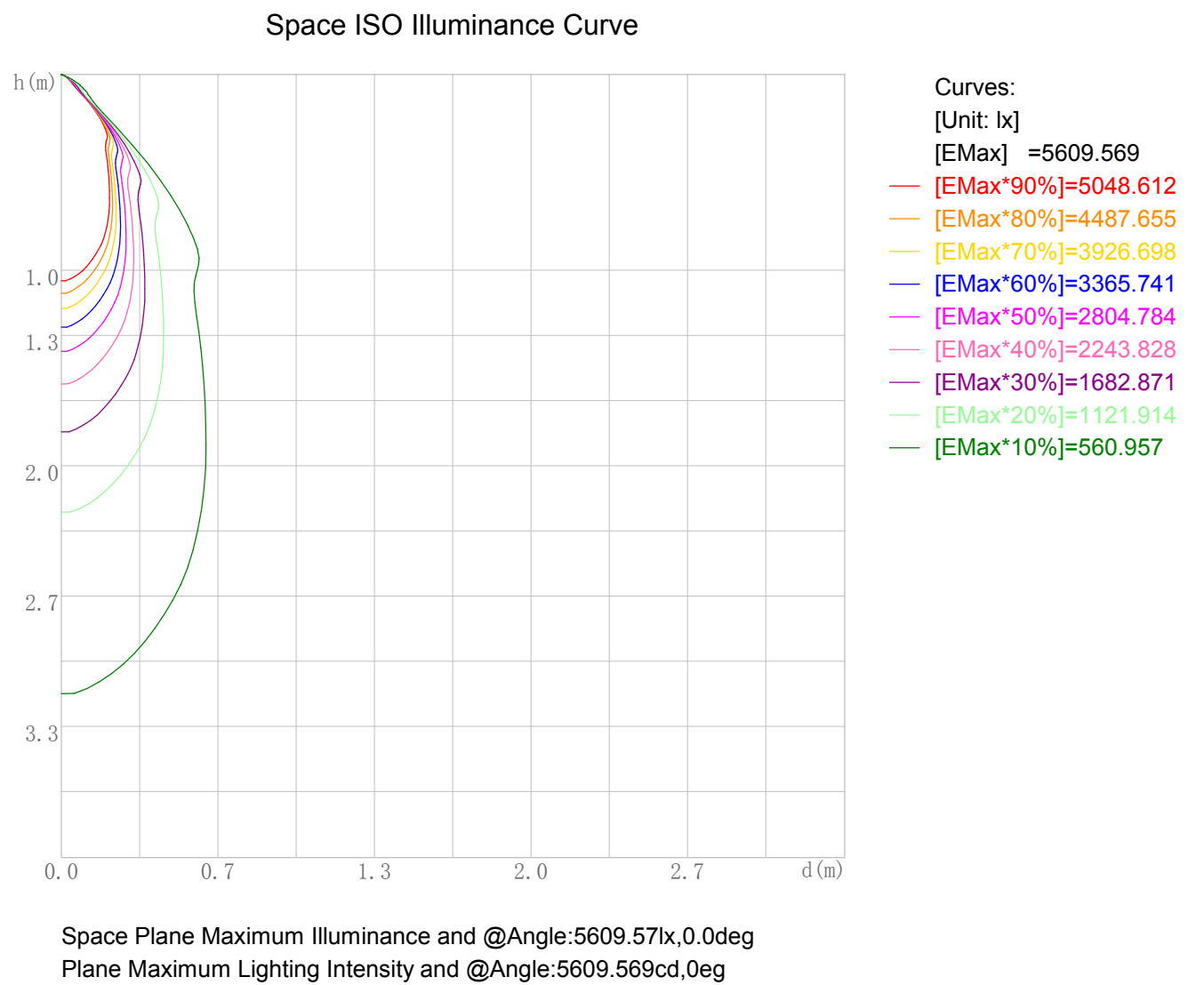
Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/04/29

3D Plane Illuminance Modal



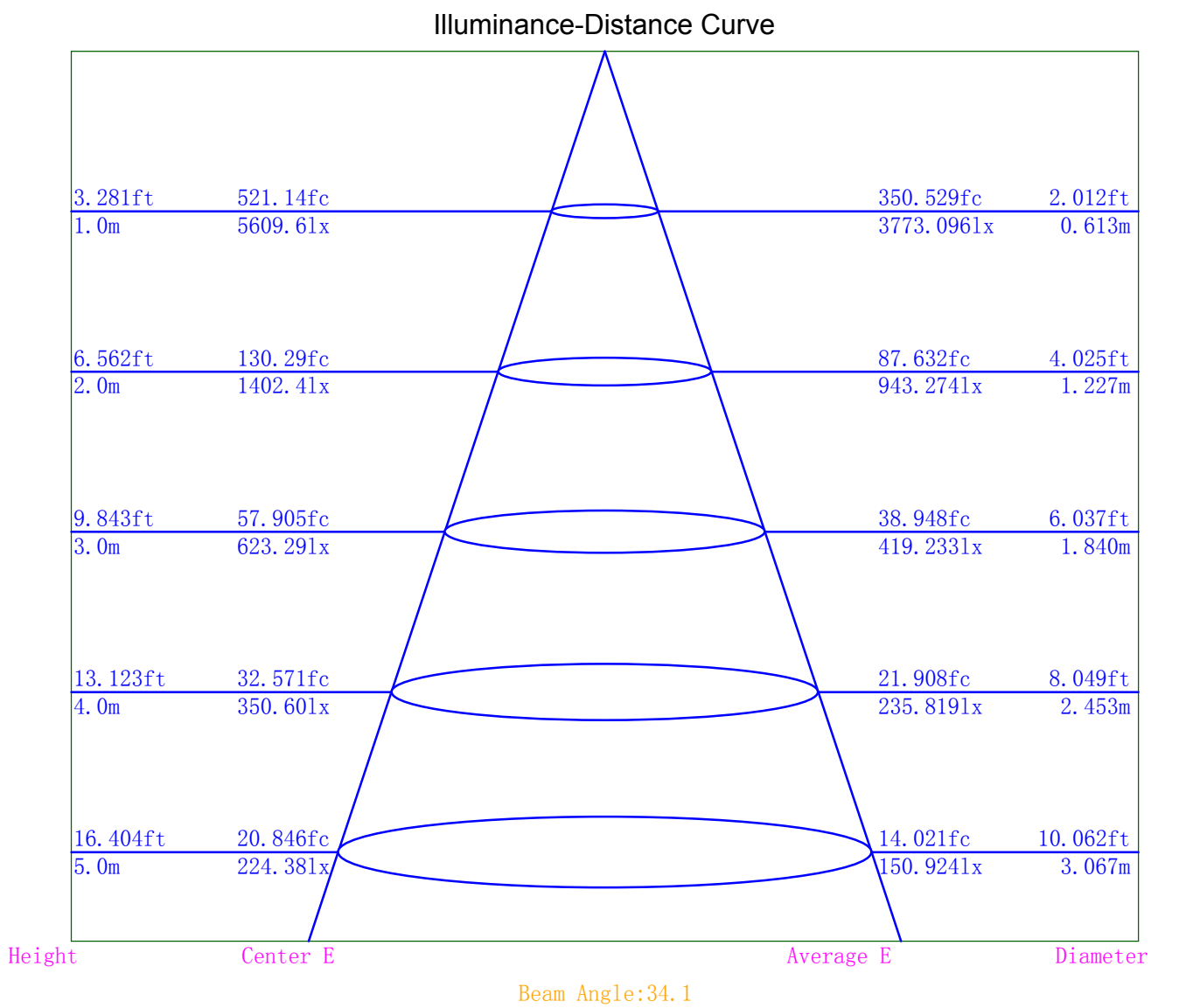
Space ISO Illuminance Diagram

Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/04/29



Illuminance-Distance Diagram

Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/04/29



Indoor Luminance Limiting Curves

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/04/29

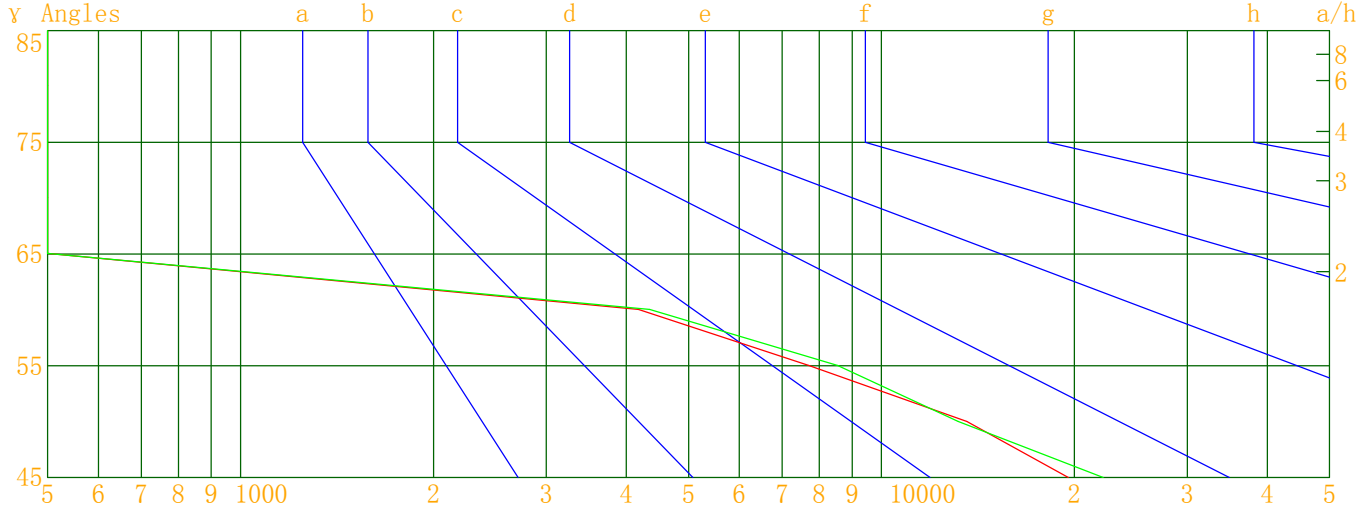
Glare Grade Table

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	19563	13582	7703	4175	0	0	0	0	0
C90	22176	13180	8543	4346	0	0	0	0	0

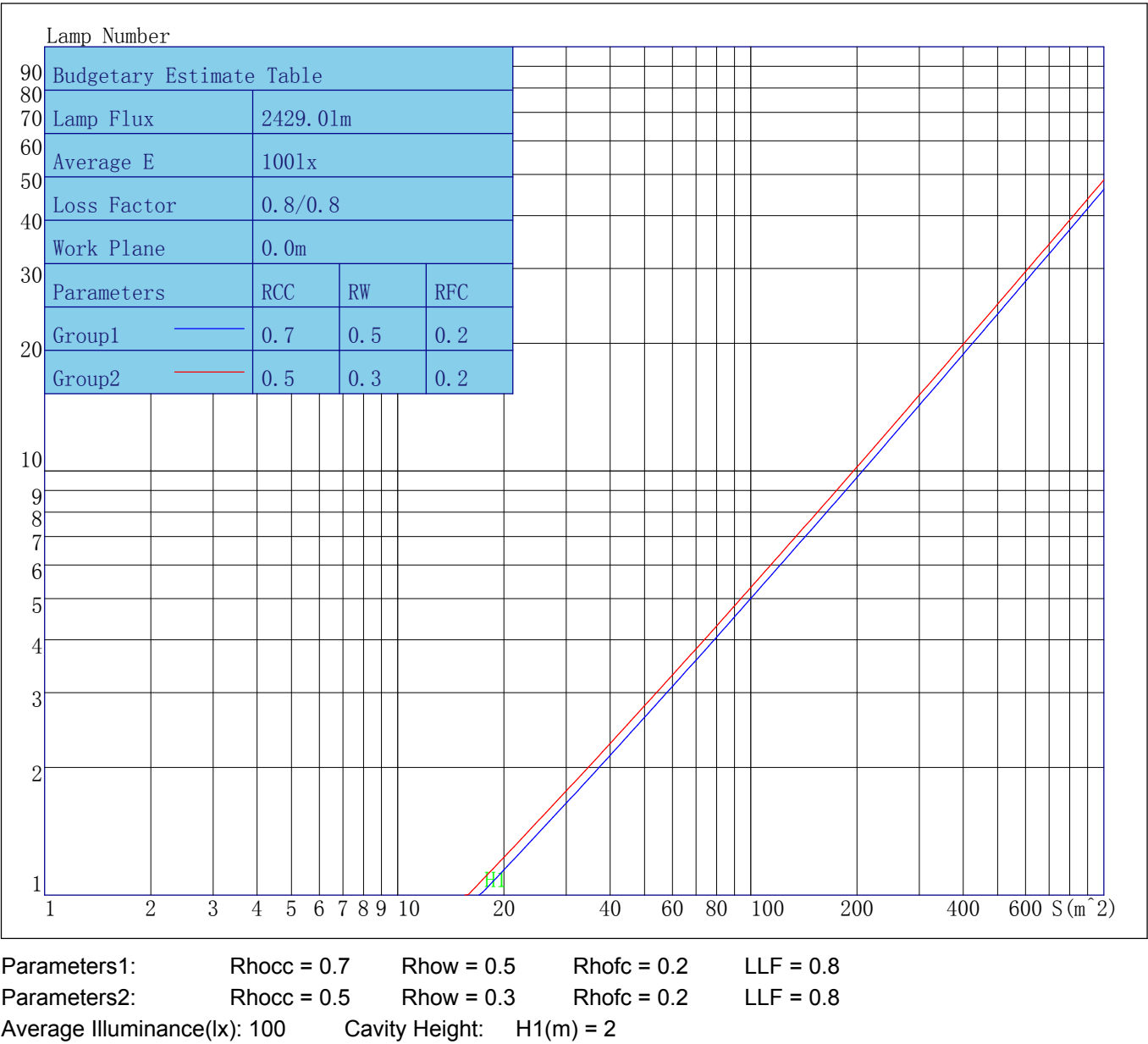
Luminance Limiting Curve



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: 2017/04/29



Indoor Coefficient of Utilization Table

Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/04/29

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	101	101	101	99
1	114	112	109	107	111	109	107	106	105	104	102	101	100	99	98	97	96	94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89
3	105	99	95	91	103	98	94	90	95	92	89	92	90	87	90	88	86	84
4	100	94	89	85	98	92	88	85	90	87	84	88	85	82	86	84	81	80
5	96	89	84	80	94	88	83	80	86	82	79	84	81	78	83	80	77	76
6	92	84	79	76	91	84	79	75	82	78	75	81	77	74	79	76	74	72
7	88	80	75	72	87	80	75	71	78	74	71	77	73	70	76	73	70	69
8	85	77	72	68	84	76	71	68	75	71	67	74	70	67	73	70	67	66
9	82	73	68	65	81	73	68	65	72	67	64	71	67	64	70	67	64	63
10	79	70	65	62	78	70	65	62	69	65	62	68	64	61	67	64	61	60

Unified Glare Rating Table

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/04/29

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	22.6	23.5	23.0	23.8	24.2	23.0	23.9	23.4	24.2	24.5
	22.4	23.2	22.8	23.5	23.9	22.8	23.5	23.2	23.9	24.3
	22.3	23.0	22.7	23.4	23.8	22.7	23.4	23.1	23.7	24.2
	22.2	22.8	22.6	23.2	23.7	22.5	23.2	23.0	23.6	24.0
	22.1	22.7	22.6	23.1	23.6	22.5	23.1	22.9	23.5	23.9
	22.1	22.6	22.5	23.0	23.5	22.4	23.0	22.9	23.4	23.9
X=4H Y=2H	22.3	23.0	22.7	23.4	23.8	22.7	23.4	23.1	23.8	24.2
	22.1	22.7	22.5	23.1	23.5	22.4	23.0	22.9	23.4	23.9
	22.0	22.5	22.4	22.9	23.4	22.3	22.8	22.8	23.3	23.7
	21.8	22.3	22.3	22.7	23.2	22.2	22.6	22.7	23.1	23.6
	21.8	22.2	22.3	22.6	23.1	22.1	22.5	22.6	23.0	23.5
	21.7	22.0	22.2	22.5	23.0	22.0	22.4	22.6	22.9	23.4
X=8H Y=4H	21.8	22.2	22.3	22.6	23.1	22.1	22.5	22.6	23.0	23.5
	21.6	21.9	22.2	22.5	23.0	22.0	22.3	22.5	22.8	23.3
	21.6	21.8	22.1	22.4	22.9	21.9	22.2	22.5	22.7	23.2
	21.5	21.7	22.0	22.2	22.8	21.9	22.1	22.4	22.6	23.2
X=12H Y=4H	21.7	22.0	22.2	22.5	23.0	22.0	22.4	22.6	22.9	23.4
	21.6	21.8	22.1	22.3	22.9	21.9	22.2	22.5	22.7	23.2
	21.5	21.7	22.0	22.2	22.8	21.9	22.1	22.4	22.6	23.2
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	11.4/0.0					11.3/0.0				
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:38度发光杯.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	5609. 57	5609. 57	5609. 57	5609. 57	5609. 57	5609. 57	5609. 57	5609. 57	5609. 57	5609. 57	5609. 57	5609. 57
Y 1. 0	5607. 95	5603. 16	5569. 88	5569. 96	5546. 78	5539. 51	5685. 68	5638. 61	5606. 58	5560. 94	5541. 08	5499. 06
Y 2. 0	5527. 04	5533. 49	5497. 90	5517. 15	5495. 45	5498. 65	5660. 54	5598. 43	5570. 00	5505. 39	5487. 65	5435. 13
Y 3. 0	5418. 38	5430. 37	5392. 75	5435. 11	5413. 19	5428. 98	5607. 84	5529. 35	5499. 07	5419. 73	5401. 99	5341. 54
Y 4. 0	5291. 47	5309. 82	5277. 40	5325. 12	5307. 13	5336. 29	5521. 60	5429. 31	5397. 92	5308. 26	5296. 42	5222. 90
Y 5. 0	5148. 44	5173. 64	5142. 05	5198. 43	5179. 97	5217. 15	5411. 51	5309. 00	5278. 17	5177. 75	5164. 34	5090. 41
Y 6. 0	4984. 49	5022. 39	4982. 85	5056. 47	5040. 38	5082. 72	5280. 52	5162. 21	5136. 02	5027. 07	5020. 62	4941. 57
Y 7. 0	4810. 74	4847. 73	4819. 30	4899. 03	4886. 45	4933. 87	5133. 22	5008. 52	4975. 58	4865. 80	4863. 38	4775. 10
Y 8. 0	4624. 42	4673. 98	4641. 09	4735. 19	4722. 35	4776. 95	4972. 53	4843. 93	4805. 91	4692. 44	4697. 53	4604. 38
Y 9. 0	4431. 83	4489. 59	4466. 04	4569. 15	4552. 35	4616. 23	4805. 52	4670. 87	4629. 58	4509. 30	4514. 02	4419. 72
Y 10. 0	4236. 37	4297. 64	4279. 55	4392. 36	4377. 65	4446. 15	4632. 21	4492. 06	4446. 56	4320. 45	4320. 65	4231. 22
Y 11. 0	4033. 60	4097. 55	4080. 29	4203. 23	4190. 08	4265. 62	4454. 46	4308. 37	4261. 83	4126. 14	4120. 94	4034. 03
Y 12. 0	3812. 63	3888. 22	3868. 87	4001. 06	3983. 36	4068. 99	4260. 63	4110. 10	4068. 11	3916. 75	3909. 75	3822. 50
Y 13. 0	3573. 66	3660. 20	3641. 06	3778. 96	3764. 17	3859. 02	4055. 66	3903. 78	3862. 24	3692. 86	3686. 56	3595. 18
Y 14. 0	3326. 26	3422. 17	3403. 47	3545. 93	3533. 90	3638. 06	3838. 56	3675. 08	3635. 18	3455. 92	3453. 41	3358. 06
Y 15. 0	3081. 32	3180. 39	3159. 99	3308. 00	3297. 83	3407. 75	3606. 78	3439. 61	3396. 94	3214. 27	3212. 68	3115. 70
Y 16. 0	2832. 98	2933. 96	2922. 44	3068. 71	3060. 76	3168. 48	3366. 84	3198. 39	3154. 25	2976. 87	2966. 92	2872. 39
Y 17. 0	2585. 02	2688. 57	2682. 25	2827. 52	2820. 56	2931. 22	3119. 26	2955. 95	2911. 01	2738. 32	2722. 82	2630. 06
Y 18. 0	2341. 18	2448. 30	2447. 06	2591. 23	2582. 65	2695. 22	2876. 34	2714. 94	2674. 24	2502. 16	2483. 35	2390. 02
Y 19. 0	2113. 07	2212. 39	2219. 75	2358. 91	2356. 18	2461. 09	2635. 30	2481. 42	2438. 78	2272. 53	2253. 47	2166. 20
Y 20. 0	1907. 95	1998. 18	2006. 60	2139. 60	2135. 78	2234. 45	2400. 40	2255. 00	2218. 52	2064. 14	2044. 74	1957. 21
Y 21. 0	1721. 29	1804. 51	1809. 68	1931. 95	1929. 30	2025. 46	2175. 22	2046. 01	2017. 17	1871. 67	1854. 65	1770. 08
Y 22. 0	1555. 82	1628. 07	1637. 79	1744. 43	1740. 92	1826. 58	1963. 29	1851. 88	1829. 21	1698. 74	1682. 66	1601. 98
Y 23. 0	1405. 76	1466. 14	1480. 86	1573. 14	1567. 23	1644. 62	1770. 70	1676. 59	1660. 72	1543. 70	1526. 20	1449. 84
Y 24. 0	1270. 38	1321. 99	1338. 80	1420. 88	1411. 84	1482. 71	1596. 83	1517. 18	1506. 07	1397. 58	1381. 86	1309. 64
Y 25. 0	1148. 91	1193. 86	1207. 84	1282. 75	1273. 48	1339. 56	1444. 72	1376. 08	1368. 78	1265. 98	1254. 55	1184. 40
Y 26. 0	1046. 34	1083. 05	1091. 22	1164. 94	1149. 94	1211. 46	1309. 55	1249. 51	1241. 99	1150. 31	1140. 23	1075. 40
Y 27. 0	972. 46	991. 08	996. 19	1060. 42	1043. 87	1100. 00	1186. 80	1134. 83	1126. 93	1049. 15	1044. 35	990. 02
Y 28. 0	921. 74	928. 98	927. 90	982. 15	965. 61	1008. 77	1080. 08	1040. 66	1030. 02	975. 55	974. 85	930. 13
Y 29. 0	890. 39	882. 34	875. 08	922. 26	907. 83	939. 80	997. 31	968. 02	958. 25	921. 20	922. 70	887. 54
Y 30. 0	864. 99	847. 79	838. 52	878. 95	865. 25	891. 24	937. 52	916. 72	909. 25	882. 89	883. 27	856. 18
Y 31. 0	840. 19	817. 70	811. 52	849. 05	832. 08	855. 86	896. 07	880. 18	874. 67	851. 15	852. 02	830. 36
Y 32. 0	810. 38	792. 04	784. 72	823. 65	805. 70	827. 47	867. 10	851. 52	843. 66	822. 51	822. 61	802. 50
Y 33. 0	755. 03	754. 35	752. 26	796. 32	779. 80	802. 72	842. 83	822. 53	813. 75	784. 07	780. 37	751. 88
Y 34. 0	680. 74	689. 72	693. 26	756. 96	733. 40	763. 49	812. 89	780. 02	767. 12	718. 99	716. 35	689. 98
Y 35. 0	597. 66	621. 47	625. 82	687. 84	665. 58	702. 90	758. 50	708. 29	698. 28	645. 09	639. 90	615. 64
Y 36. 0	510. 02	536. 72	538. 84	607. 50	587. 92	628. 09	684. 58	633. 01	618. 47	563. 92	555. 66	529. 83
Y 37. 0	419. 39	449. 72	452. 25	520. 77	503. 97	545. 18	600. 02	544. 66	531. 73	474. 45	465. 94	440. 95
Y 38. 0	328. 01	359. 04	366. 97	432. 64	413. 95	455. 95	507. 88	452. 35	439. 42	384. 81	376. 14	351. 50
Y 39. 0	241. 47	274. 88	276. 58	339. 19	326. 90	364. 96	417. 16	359. 92	354. 54	297. 25	291. 11	263. 12
Y 40. 0	161. 63	197. 02	198. 39	247. 69	245. 10	277. 56	328. 17	270. 40	266. 08	216. 57	210. 88	184. 20
Y 41. 0	94. 34	127. 46	132. 29	169. 85	167. 59	198. 71	241. 26	192. 43	188. 17	143. 34	140. 11	118. 06
Y 42. 0	53. 54	75. 03	76. 99	102. 43	101. 58	128. 81	159. 90	120. 30	124. 08	82. 85	85. 83	65. 17
Y 43. 0	37. 72	49. 86	46. 93	53. 71	58. 27	72. 53	94. 53	68. 62	71. 50	51. 58	51. 34	40. 32
Y 44. 0	30. 74	39. 76	37. 75	36. 60	36. 56	42. 93	53. 90	44. 65	47. 74	40. 19	37. 22	35. 06
Y 45. 0	27. 16	33. 78	32. 84	30. 79	30. 69	33. 97	36. 17	35. 50	38. 16	33. 67	32. 71	30. 66
Y 46. 0	24. 70	28. 96	28. 04	25. 01	27. 10	28. 75	31. 53	30. 27	32. 09	29. 08	28. 83	24. 96

IES Indoor Report

Photometric Filename:38度发光杯.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	22. 55	26. 12	24. 15	22. 33	24. 27	25. 53	28. 13	27. 60	30. 02	26. 20	25. 19	22. 45
Y 48. 0	19. 19	22. 71	22. 65	20. 38	21. 18	22. 18	23. 70	24. 29	26. 78	24. 63	23. 54	21. 26
Y 49. 0	18. 50	20. 45	20. 60	17. 31	18. 91	20. 66	21. 26	22. 08	23. 39	20. 91	21. 88	19. 20
Y 50. 0	17. 14	18. 79	17. 38	16. 64	18. 32	18. 33	21. 28	21. 73	21. 49	19. 26	17. 56	17. 03
Y 51. 0	15. 60	16. 61	15. 26	15. 40	15. 60	17. 68	18. 79	18. 87	20. 12	17. 35	16. 44	16. 50
Y 52. 0	13. 17	14. 92	15. 91	12. 90	13. 39	15. 37	15. 67	16. 75	17. 68	15. 73	17. 28	14. 15
Y 53. 0	12. 46	13. 42	12. 61	12. 49	12. 35	13. 97	15. 06	15. 90	15. 16	12. 61	15. 05	11. 75
Y 54. 0	10. 71	13. 05	11. 48	11. 85	11. 17	13. 17	15. 20	13. 67	15. 65	12. 12	12. 24	10. 67
Y 55. 0	8. 68	10. 18	10. 73	9. 62	8. 61	10. 74	11. 83	11. 93	12. 65	10. 91	11. 62	9. 70
Y 56. 0	9. 44	9. 12	9. 19	8. 11	7. 82	9. 08	10. 88	11. 09	11. 25	8. 94	10. 34	8. 85
Y 57. 0	7. 44	7. 80	7. 43	7. 61	7. 59	9. 16	10. 08	10. 20	10. 43	7. 35	8. 87	6. 92
Y 58. 0	4. 94	6. 35	6. 41	5. 84	5. 74	7. 38	8. 45	7. 69	9. 03	6. 93	8. 34	6. 69
Y 59. 0	4. 16	5. 16	6. 54	4. 45	4. 23	5. 77	5. 83	7. 52	6. 91	5. 98	6. 60	4. 96
Y 60. 0	4. 10	4. 79	4. 74	4. 27	4. 39	5. 67	6. 36	7. 36	6. 82	4. 16	4. 97	3. 16
Y 61. 0	3. 06	5. 54	3. 33	2. 59	3. 35	4. 55	5. 20	3. 93	6. 08	3. 88	4. 65	4. 09
Y 62. 0	1. 27	3. 51	3. 12	1. 17	1. 78	2. 87	2. 48	4. 95	4. 51	3. 54	3. 83	2. 10
Y 63. 0	1. 41	1. 20	2. 63	1. 32	0. 97	2. 28	2. 93	3. 65	3. 92	1. 55	1. 77	1. 32
Y 64. 0	0. 21	0. 91	1. 92	0. 85	1. 30	1. 70	3. 19	2. 03	3. 43	1. 19	1. 39	0. 51
Y 65. 0	0. 00	1. 19	0. 00	0. 00	0. 48	0. 67	0. 52	1. 89	2. 68	0. 00	0. 20	0. 92
Y 66. 0	0. 00	0. 00	1. 05	0. 00	0. 00	0. 00	0. 00	0. 95	1. 06	0. 00	0. 00	0. 00
Y 67. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 35	0. 00	0. 00	0. 83	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. 16	0. 00	0. 00	0. 00
Y 69. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 44	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:38度发光杯.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 94. 0	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 95. 0	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 96. 0	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 97. 0	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 98. 0	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 99. 0	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 100. 0	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 101. 0	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 102. 0	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 103. 0	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 104. 0	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 105. 0	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 106. 0	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 107. 0	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 108. 0	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 109. 0	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 110. 0	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 111. 0	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 112. 0	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 113. 0	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 114. 0	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 115. 0	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 116. 0	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 117. 0	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 118. 0	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 119. 0	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 121. 0	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 122. 0	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 123. 0	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 124. 0	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 125. 0	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 126. 0	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 127. 0	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 128. 0	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 129. 0	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 130. 0	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 131. 0	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 132. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 85	0. 00	0. 00	0. 00	0. 00
Y 133. 0	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 134. 0	0. 00	0. 00	0. 69	0. 00	0. 00	0. 00	0. 00	1. 07	0. 00	0. 00	0. 00	0. 00
Y 135. 0	0. 47	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	1. 90	1. 65	0. 00	1. 40	0. 90
Y 136. 0	0. 11	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	1. 65	1. 48	1. 15	1. 78	2. 12
Y 137. 0	0. 40	1. 49	1. 58	0. 00	0. 00	0. 01	1. 57	2. 77	3. 03	1. 78	1. 22	1. 78
Y 138. 0	2. 44	0. 93	1. 73	0. 00	1. 00	0. 84	2. 66	4. 22	4. 14	1. 81	4. 11	3. 55
Y 139. 0	1. 71	0. 49	2. 53	0. 02	0. 36	0. 59	2. 36	4. 52	4. 27	2. 68	3. 73	4. 11
Y 140. 0	3. 52	2. 53	3. 61	0. 85	0. 76	0. 75	3. 03	4. 45	4. 72	5. 05	3. 54	4. 34

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	4.52	3.27	4.54	1.99	2.93	3.02	4.89	6.83	6.29	5.15	5.86	5.04
Y 142.0	5.86	3.31	4.08	2.68	2.99	3.07	4.51	7.31	6.45	4.20	6.85	6.87
Y 143.0	4.64	4.64	6.40	3.62	2.55	2.91	6.31	6.61	6.60	6.23	7.57	6.99
Y 144.0	6.30	6.36	7.68	4.62	4.97	4.83	7.24	8.89	8.31	7.23	8.10	7.45
Y 145.0	7.91	5.48	6.74	5.60	5.82	5.16	8.35	9.88	10.19	7.29	9.68	9.84
Y 146.0	7.32	6.44	8.14	4.80	5.74	4.65	8.59	9.36	10.30	8.75	10.55	9.80
Y 147.0	9.11	8.14	10.07	6.41	6.60	6.31	9.79	11.61	11.15	9.96	10.09	10.25
Y 148.0	10.65	8.19	9.90	8.40	8.05	8.00	11.38	13.17	12.68	11.33	11.55	11.93
Y 149.0	10.70	9.29	10.57	7.36	8.32	7.63	11.83	13.27	13.75	11.24	13.03	13.16
Y 150.0	10.60	11.27	12.51	9.04	8.91	7.08	12.29	14.85	13.73	13.12	13.27	12.33
Y 151.0	12.29	12.06	12.52	10.52	10.18	9.92	14.10	15.81	15.36	13.17	14.39	14.82
Y 152.0	13.17	11.54	13.35	10.43	11.41	9.73	15.18	15.74	16.55	14.03	15.89	15.72
Y 153.0	13.31	13.00	14.76	10.63	10.66	9.79	14.56	16.85	16.77	15.55	17.17	15.58
Y 154.0	14.52	14.42	15.61	12.49	12.30	11.70	15.69	18.43	17.46	16.71	16.50	17.30
Y 155.0	16.87	14.47	15.34	13.56	14.06	12.85	17.63	18.08	19.42	17.19	17.48	18.95
Y 156.0	16.10	14.78	16.39	14.40	14.71	13.81	17.46	19.73	19.03	18.48	18.94	18.01
Y 157.0	16.87	17.20	17.74	15.00	14.67	13.46	18.55	20.94	19.87	19.54	20.01	18.82
Y 158.0	18.71	16.58	17.16	15.31	15.69	15.56	20.47	20.68	21.23	19.85	19.63	20.96
Y 159.0	18.67	18.08	17.76	15.58	17.73	16.39	20.26	20.65	22.08	20.45	21.82	20.02
Y 160.0	18.92	18.93	19.95	17.04	16.03	16.12	19.49	22.91	21.42	21.99	21.50	20.24
Y 161.0	20.03	19.04	19.79	18.80	17.83	18.07	21.36	22.93	22.80	21.48	22.30	22.43
Y 162.0	20.51	18.66	20.03	19.09	18.19	18.81	23.06	22.67	24.68	22.26	22.39	23.13
Y 163.0	20.39	21.93	21.77	19.02	19.41	19.03	22.14	24.40	23.92	23.50	23.79	22.25
Y 164.0	22.74	21.63	22.25	20.95	18.72	19.20	23.52	25.35	23.96	23.07	24.34	23.79
Y 165.0	22.03	21.24	21.87	19.90	19.82	20.17	24.97	24.26	25.19	22.19	24.37	24.60
Y 166.0	22.23	21.94	22.79	20.14	20.09	21.41	24.33	25.78	24.45	24.00	24.14	23.55
Y 167.0	23.60	23.01	24.30	21.75	20.17	20.39	23.81	26.34	24.79	24.79	25.58	24.07
Y 168.0	24.28	23.21	23.22	22.49	20.70	21.30	25.00	25.22	25.78	23.83	25.10	24.38
Y 169.0	23.98	23.33	24.28	20.67	22.15	22.32	25.82	25.54	25.95	24.07	25.21	23.87
Y 170.0	24.50	24.40	25.58	21.38	21.73	21.57	25.30	26.27	26.19	25.83	26.39	23.90
Y 171.0	23.42	23.06	25.26	21.81	22.85	22.96	26.59	26.43	27.19	25.71	25.37	24.88
Y 172.0	25.47	25.17	26.23	22.66	22.37	22.24	25.61	27.52	26.39	25.28	27.01	24.57
Y 173.0	24.88	25.10	26.01	23.93	23.83	22.85	26.12	28.07	26.01	25.61	26.32	24.22
Y 174.0	26.44	25.70	26.34	25.00	23.09	23.72	25.96	28.11	26.23	25.01	27.37	25.34
Y 175.0	26.32	26.56	26.68	24.90	23.82	23.82	26.68	28.30	26.25	26.11	27.01	25.20
Y 176.0	26.91	25.40	25.41	25.31	24.97	25.29	27.49	26.99	27.46	25.92	25.75	26.73
Y 177.0	27.87	26.28	27.42	26.01	24.17	24.75	27.33	28.22	27.83	25.93	26.27	25.94
Y 178.0	27.26	27.53	26.26	25.88	25.91	24.54	27.73	28.77	26.90	26.41	27.67	25.13
Y 179.0	27.96	26.72	27.42	25.35	24.98	26.68	27.99	28.55	27.99	25.55	25.86	26.10
Y 180.0	27.24	27.24	27.24	27.24	27.24	27.24	27.24	27.24	27.24	27.24	27.24	27.24