

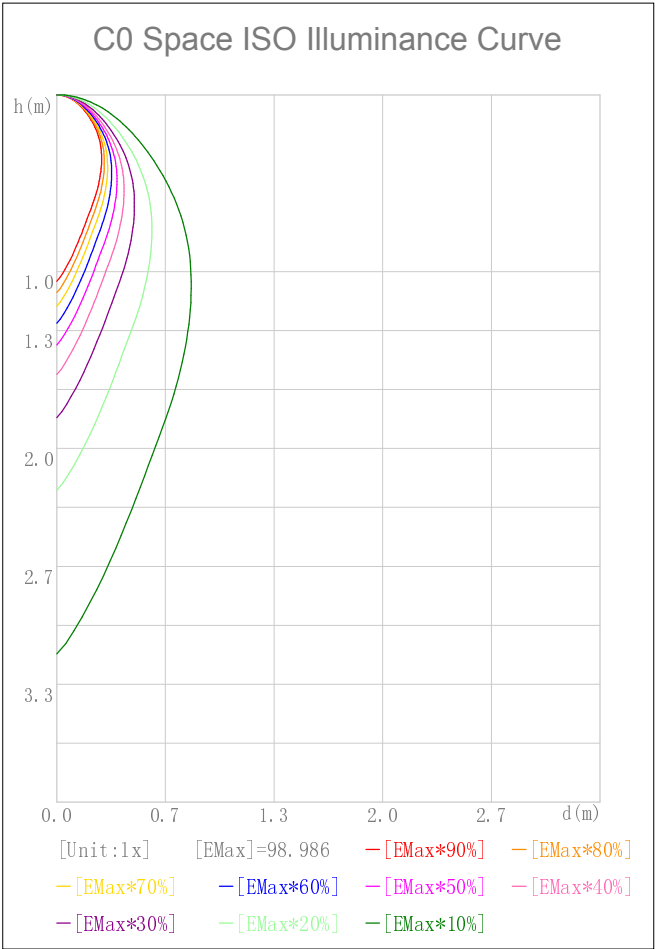
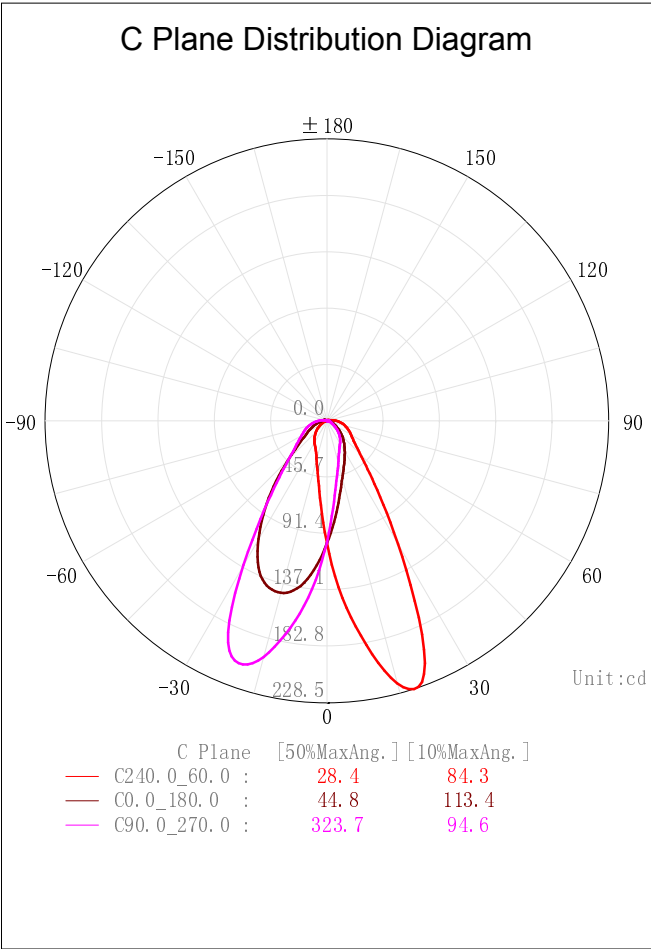
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 55252		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2022/11/16
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=30.0 γ=1.0	Temp. (°C): 25	Humidity(%):

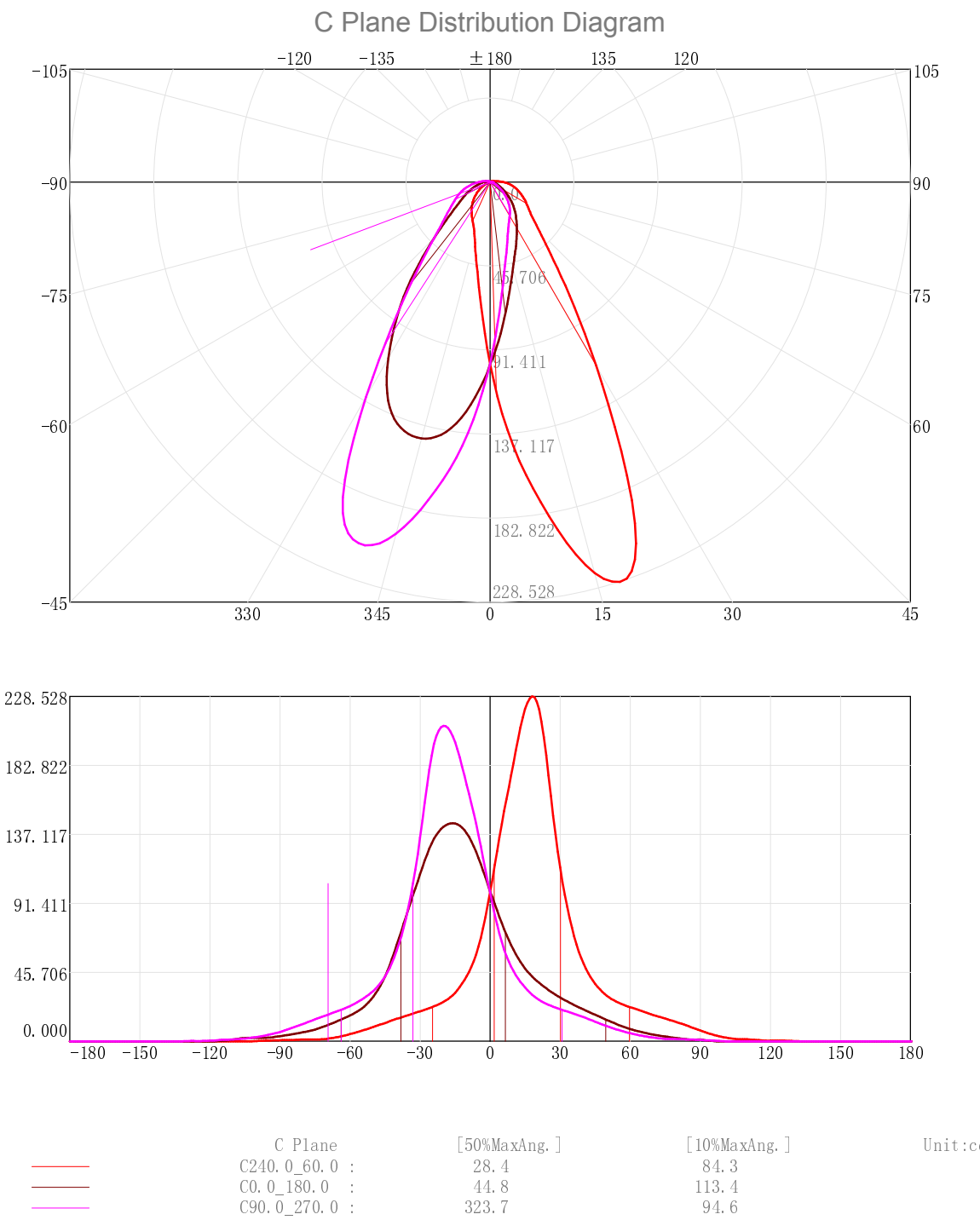
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 175.200		Luminary Flux(lm): 175.199	Field Angle(10%Imax): 84.3(°)
Rated Power(W): 7		Luminary Efficiency: 100.00%	Down Lumens&Percent: 172.047lm 98.20%
Rated Voltage(V): 24		Luminary EER(lm/W): 25.111	Up Lumens&Percent: 3.152lm 1.80%
Tested Power(W): 6.977		Max. Candela(cd): 228.528	S/MH: C0_a180=0.918 C90_270=0.846
Lamps' Inside: 1		Max Cand@Ang. (°): C=240.0 γ=18.0	CIE Type: Semi-Direct
Tested Electrics(V, A, pf):23.9, 0.292		Beam Angle(50%Imax): 28.4(°)	ErP Φ use(90°): 129.507lm
Lamp Size(W*L*H):0.050m*-0.050m*0.000m		Left=1.7°, Right=30.1°	IRF(%): 356.725



2D Plane Light Intensity Distribution Curve

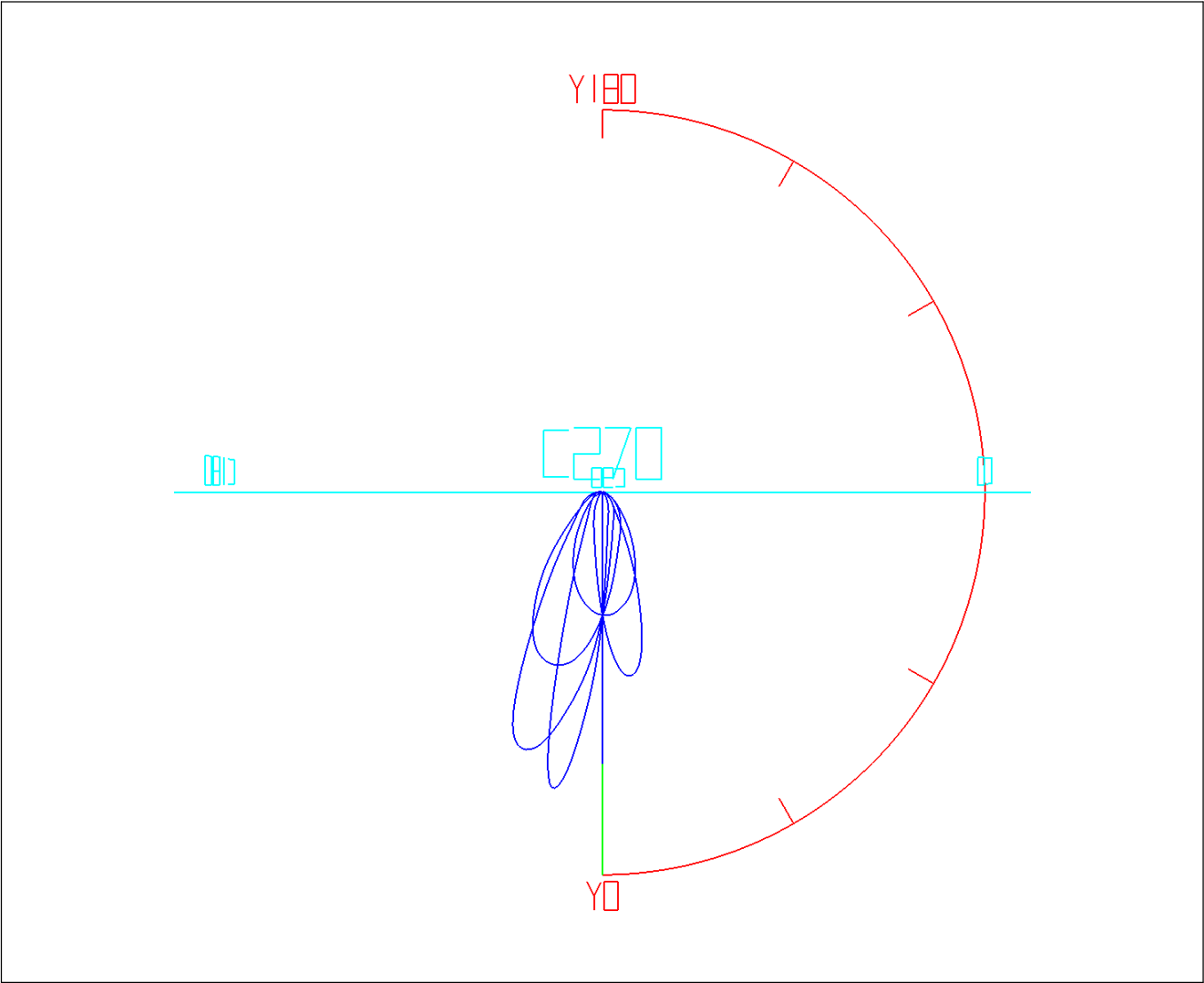
Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/11/16



3D Light Intensity Distribution Modal

Lum. Name:55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/11/16

3D Light Intensity Distribution Modal



Curves:

View Angles:

3D Model

Orient:0

Fixture

Tilt:0

Vert. HUD

Roll:0

Hori. HUD

Spin:0

Zonal Flux Tabulation

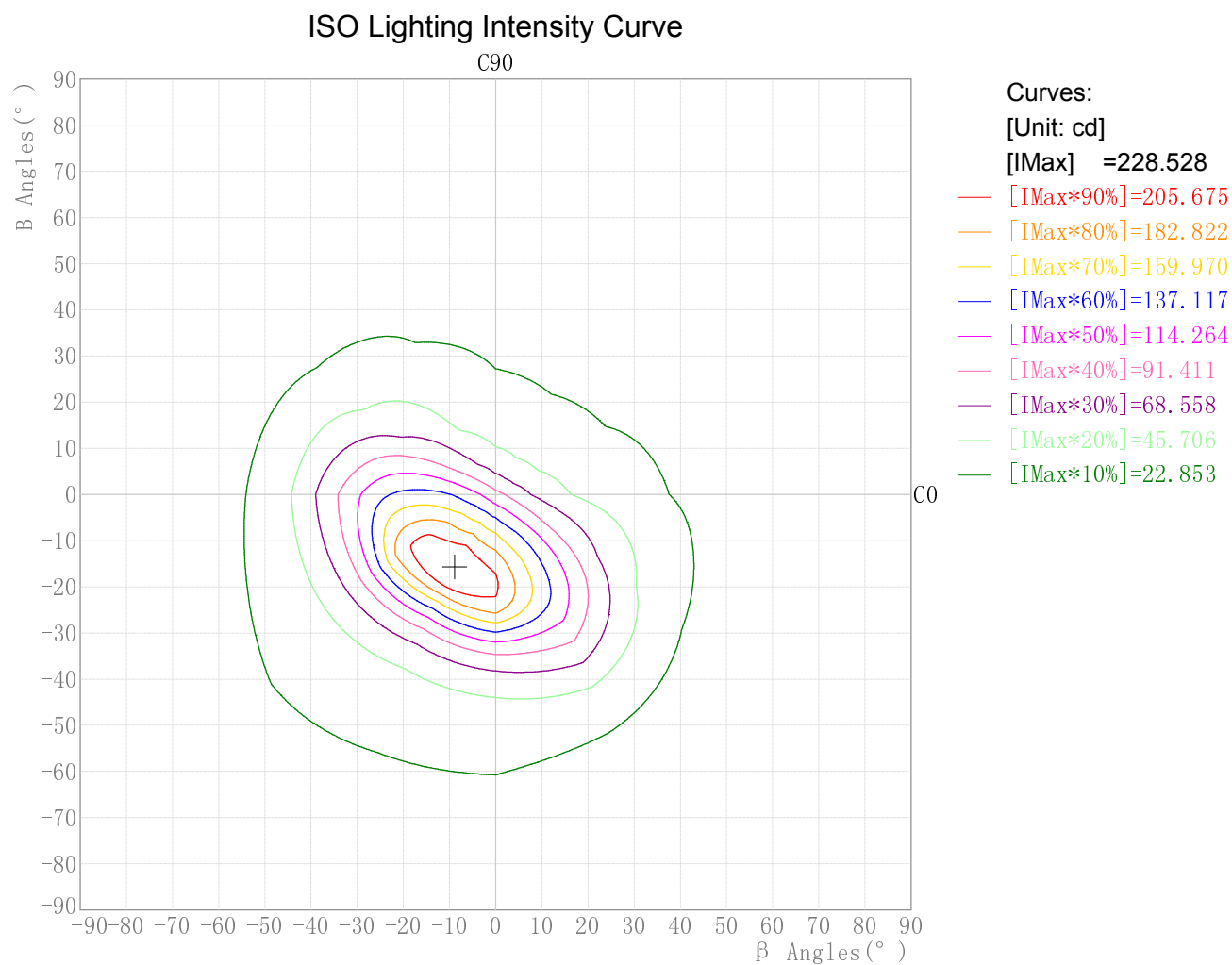
Zone ( γ )	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone ( γ )	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0. 0-1. 0	0. 09	0. 09	0. 05	0. 05	47. 0-48. 0	1. 97	131. 82	1. 13	75. 24
1. 0-2. 0	0. 28	0. 38	0. 16	0. 22	48. 0-49. 0	1. 89	133. 72	1. 08	76. 32
2. 0-3. 0	0. 48	0. 85	0. 27	0. 49	49. 0-50. 0	1. 82	135. 54	1. 04	77. 36
3. 0-4. 0	0. 67	1. 52	0. 38	0. 87	50. 0-51. 0	1. 75	137. 30	1. 00	78. 36
4. 0-5. 0	0. 86	2. 38	0. 49	1. 36	51. 0-52. 0	1. 69	138. 99	0. 97	79. 33
5. 0-6. 0	1. 06	3. 44	0. 60	1. 97	52. 0-53. 0	1. 63	140. 62	0. 93	80. 26
6. 0-7. 0	1. 26	4. 70	0. 72	2. 68	53. 0-54. 0	1. 57	142. 19	0. 90	81. 16
7. 0-8. 0	1. 46	6. 16	0. 83	3. 52	54. 0-55. 0	1. 52	143. 71	0. 87	82. 03
8. 0-9. 0	1. 66	7. 83	0. 95	4. 47	55. 0-56. 0	1. 47	145. 18	0. 84	82. 87
9. 0-10. 0	1. 87	9. 70	1. 07	5. 54	56. 0-57. 0	1. 42	146. 60	0. 81	83. 68
10. 0-11. 0	2. 08	11. 78	1. 19	6. 72	57. 0-58. 0	1. 37	147. 97	0. 78	84. 46
11. 0-12. 0	2. 29	14. 07	1. 31	8. 03	58. 0-59. 0	1. 32	149. 29	0. 76	85. 21
12. 0-13. 0	2. 51	16. 58	1. 43	9. 46	59. 0-60. 0	1. 28	150. 57	0. 73	85. 94
13. 0-14. 0	2. 72	19. 30	1. 55	11. 01	60. 0-61. 0	1. 23	151. 81	0. 70	86. 65
14. 0-15. 0	2. 93	22. 22	1. 67	12. 68	61. 0-62. 0	1. 19	153. 00	0. 68	87. 33
15. 0-16. 0	3. 13	25. 35	1. 79	14. 47	62. 0-63. 0	1. 15	154. 15	0. 66	87. 99
16. 0-17. 0	3. 33	28. 68	1. 90	16. 37	63. 0-64. 0	1. 11	155. 27	0. 64	88. 62
17. 0-18. 0	3. 51	32. 19	2. 00	18. 37	64. 0-65. 0	1. 07	156. 34	0. 61	89. 23
18. 0-19. 0	3. 68	35. 87	2. 10	20. 47	65. 0-66. 0	1. 03	157. 37	0. 59	89. 82
19. 0-20. 0	3. 83	39. 70	2. 19	22. 66	66. 0-67. 0	1. 00	158. 37	0. 57	90. 39
20. 0-21. 0	3. 97	43. 67	2. 26	24. 93	67. 0-68. 0	0. 96	159. 33	0. 55	90. 94
21. 0-22. 0	4. 08	47. 75	2. 33	27. 25	68. 0-69. 0	0. 92	160. 25	0. 53	91. 46
22. 0-23. 0	4. 16	51. 90	2. 37	29. 63	69. 0-70. 0	0. 88	161. 13	0. 50	91. 97
23. 0-24. 0	4. 21	56. 11	2. 40	32. 03	70. 0-71. 0	0. 85	161. 98	0. 48	92. 45
24. 0-25. 0	4. 22	60. 33	2. 41	34. 44	71. 0-72. 0	0. 81	162. 79	0. 46	92. 91
25. 0-26. 0	4. 20	64. 53	2. 40	36. 83	72. 0-73. 0	0. 77	163. 56	0. 44	93. 36
26. 0-27. 0	4. 15	68. 69	2. 37	39. 21	73. 0-74. 0	0. 74	164. 30	0. 42	93. 78
27. 0-28. 0	4. 08	72. 77	2. 33	41. 54	74. 0-75. 0	0. 70	165. 00	0. 40	94. 18
28. 0-29. 0	3. 99	76. 76	2. 28	43. 82	75. 0-76. 0	0. 67	165. 68	0. 38	94. 56
29. 0-30. 0	3. 89	80. 66	2. 22	46. 04	76. 0-77. 0	0. 64	166. 31	0. 37	94. 93
30. 0-31. 0	3. 78	84. 44	2. 16	48. 20	77. 0-78. 0	0. 61	166. 92	0. 35	95. 28
31. 0-32. 0	3. 67	88. 11	2. 10	50. 29	78. 0-79. 0	0. 58	167. 50	0. 33	95. 60
32. 0-33. 0	3. 56	91. 67	2. 03	52. 33	79. 0-80. 0	0. 55	168. 04	0. 31	95. 92
33. 0-34. 0	3. 45	95. 12	1. 97	54. 29	80. 0-81. 0	0. 52	168. 56	0. 29	96. 21
34. 0-35. 0	3. 33	98. 45	1. 90	56. 20	81. 0-82. 0	0. 49	169. 05	0. 28	96. 49
35. 0-36. 0	3. 22	101. 67	1. 84	58. 03	82. 0-83. 0	0. 46	169. 51	0. 26	96. 75
36. 0-37. 0	3. 11	104. 78	1. 77	59. 81	83. 0-84. 0	0. 43	169. 94	0. 25	97. 00
37. 0-38. 0	2. 99	107. 77	1. 71	61. 51	84. 0-85. 0	0. 41	170. 35	0. 23	97. 23
38. 0-39. 0	2. 88	110. 65	1. 64	63. 16	85. 0-86. 0	0. 38	170. 73	0. 22	97. 45
39. 0-40. 0	2. 77	113. 42	1. 58	64. 74	86. 0-87. 0	0. 36	171. 09	0. 21	97. 65
40. 0-41. 0	2. 66	116. 08	1. 52	66. 25	87. 0-88. 0	0. 34	171. 43	0. 19	97. 85
41. 0-42. 0	2. 55	118. 63	1. 45	67. 71	88. 0-89. 0	0. 32	171. 75	0. 18	98. 03
42. 0-43. 0	2. 44	121. 07	1. 39	69. 10	89. 0-90. 0	0. 30	172. 05	0. 17	98. 20
43. 0-44. 0	2. 34	123. 41	1. 33	70. 44	90. 0-91. 0	0. 28	172. 32	0. 16	98. 36
44. 0-45. 0	2. 24	125. 65	1. 28	71. 72	91. 0-92. 0	0. 25	172. 58	0. 14	98. 50
45. 0-46. 0	2. 15	127. 79	1. 23	72. 94	92. 0-93. 0	0. 23	172. 81	0. 13	98. 63
46. 0-47. 0	2. 06	129. 85	1. 17	74. 12	93. 0-94. 0	0. 21	173. 02	0. 12	98. 76

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	0.19	173.21	0.11	98.87	141.0-142.0	0.00	175.20	0.00	100.00
95.0-96.0	0.18	173.39	0.10	98.97	142.0-143.0	0.00	175.20	0.00	100.00
96.0-97.0	0.16	173.55	0.09	99.06	143.0-144.0	0.00	175.20	0.00	100.00
97.0-98.0	0.15	173.70	0.08	99.14	144.0-145.0	0.00	175.20	0.00	100.00
98.0-99.0	0.14	173.84	0.08	99.22	145.0-146.0	0.00	175.20	0.00	100.00
99.0-100.0	0.13	173.97	0.07	99.30	146.0-147.0	0.00	175.20	0.00	100.00
100.0-101.0	0.12	174.08	0.07	99.36	147.0-148.0	0.00	175.20	0.00	100.00
101.0-102.0	0.11	174.19	0.06	99.43	148.0-149.0	0.00	175.20	0.00	100.00
102.0-103.0	0.10	174.29	0.06	99.48	149.0-150.0	0.00	175.20	0.00	100.00
103.0-104.0	0.09	174.39	0.05	99.54	150.0-151.0	0.00	175.20	0.00	100.00
104.0-105.0	0.09	174.47	0.05	99.58	151.0-152.0	0.00	175.20	0.00	100.00
105.0-106.0	0.08	174.55	0.05	99.63	152.0-153.0	0.00	175.20	0.00	100.00
106.0-107.0	0.07	174.63	0.04	99.67	153.0-154.0	0.00	175.20	0.00	100.00
107.0-108.0	0.07	174.70	0.04	99.71	154.0-155.0	0.00	175.20	0.00	100.00
108.0-109.0	0.06	174.76	0.04	99.75	155.0-156.0	0.00	175.20	0.00	100.00
109.0-110.0	0.06	174.82	0.03	99.78	156.0-157.0	0.00	175.20	0.00	100.00
110.0-111.0	0.05	174.87	0.03	99.81	157.0-158.0	0.00	175.20	0.00	100.00
111.0-112.0	0.04	174.91	0.02	99.83	158.0-159.0	0.00	175.20	0.00	100.00
112.0-113.0	0.04	174.95	0.02	99.85	159.0-160.0	0.00	175.20	0.00	100.00
113.0-114.0	0.03	174.98	0.02	99.87	160.0-161.0	0.00	175.20	0.00	100.00
114.0-115.0	0.03	175.01	0.02	99.89	161.0-162.0	0.00	175.20	0.00	100.00
115.0-116.0	0.03	175.03	0.01	99.91	162.0-163.0	0.00	175.20	0.00	100.00
116.0-117.0	0.02	175.06	0.01	99.92	163.0-164.0	0.00	175.20	0.00	100.00
117.0-118.0	0.02	175.07	0.01	99.93	164.0-165.0	0.00	175.20	0.00	100.00
118.0-119.0	0.02	175.09	0.01	99.94	165.0-166.0	0.00	175.20	0.00	100.00
119.0-120.0	0.01	175.10	0.01	99.95	166.0-167.0	0.00	175.20	0.00	100.00
120.0-121.0	0.01	175.12	0.01	99.95	167.0-168.0	0.00	175.20	0.00	100.00
121.0-122.0	0.01	175.13	0.01	99.96	168.0-169.0	0.00	175.20	0.00	100.00
122.0-123.0	0.01	175.14	0.01	99.97	169.0-170.0	0.00	175.20	0.00	100.00
123.0-124.0	0.01	175.15	0.01	99.97	170.0-171.0	0.00	175.20	0.00	100.00
124.0-125.0	0.01	175.16	0.01	99.98	171.0-172.0	0.00	175.20	0.00	100.00
125.0-126.0	0.01	175.17	0.00	99.98	172.0-173.0	0.00	175.20	0.00	100.00
126.0-127.0	0.01	175.18	0.00	99.99	173.0-174.0	0.00	175.20	0.00	100.00
127.0-128.0	0.01	175.18	0.00	99.99	174.0-175.0	0.00	175.20	0.00	100.00
128.0-129.0	0.01	175.19	0.00	99.99	175.0-176.0	0.00	175.20	0.00	100.00
129.0-130.0	0.00	175.19	0.00	100.00	176.0-177.0	0.00	175.20	0.00	100.00
130.0-131.0	0.00	175.20	0.00	100.00	177.0-178.0	0.00	175.20	0.00	100.00
131.0-132.0	0.00	175.20	0.00	100.00	178.0-179.0	0.00	175.20	0.00	100.00
132.0-133.0	0.00	175.20	0.00	100.00	179.0-180.0	0.00	175.20	0.00	100.00
133.0-134.0	0.00	175.20	0.00	100.00					
134.0-135.0	0.00	175.20	0.00	100.00					
135.0-136.0	0.00	175.20	0.00	100.00					
136.0-137.0	0.00	175.20	0.00	100.00					
137.0-138.0	0.00	175.20	0.00	100.00					
138.0-139.0	0.00	175.20	0.00	100.00					
139.0-140.0	0.00	175.20	0.00	100.00					
140.0-141.0	0.00	175.20	0.00	100.00					

Rectangle ISO Lighting Intensity Diagram

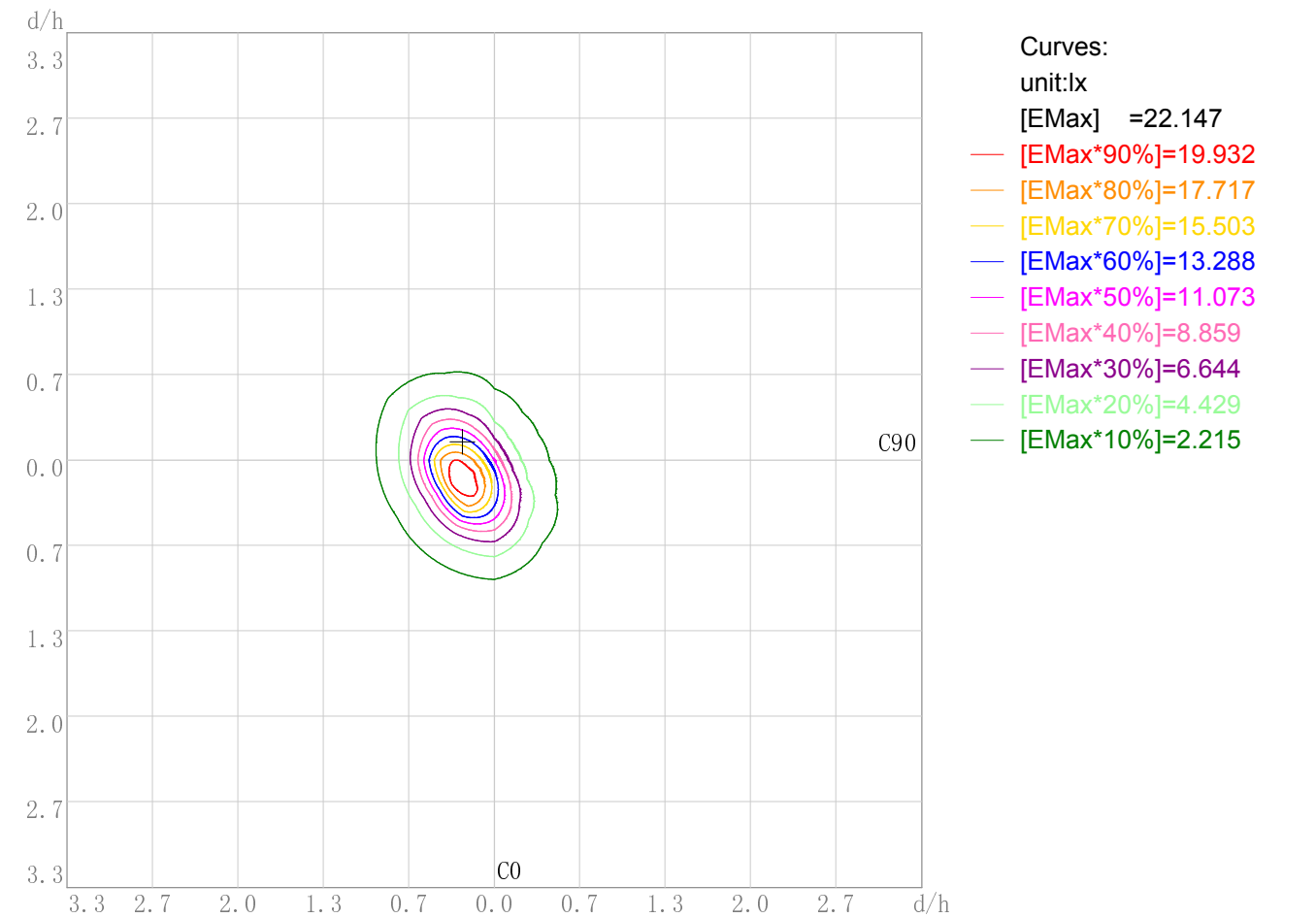
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/11/16



Plane ISO-Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/11/16

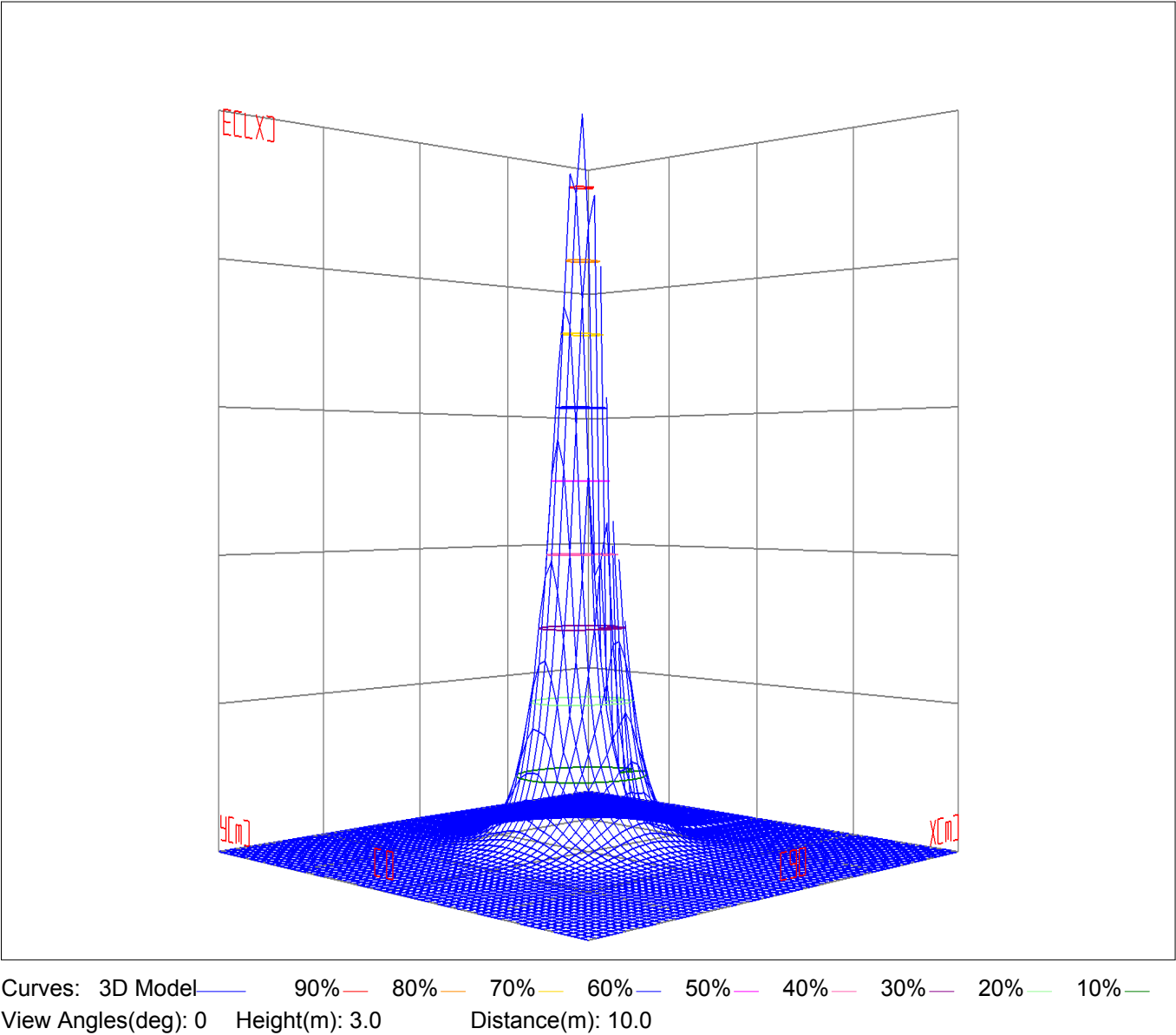
Plane ISO-Illuminance Curve



3D Plane ISO Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/11/16

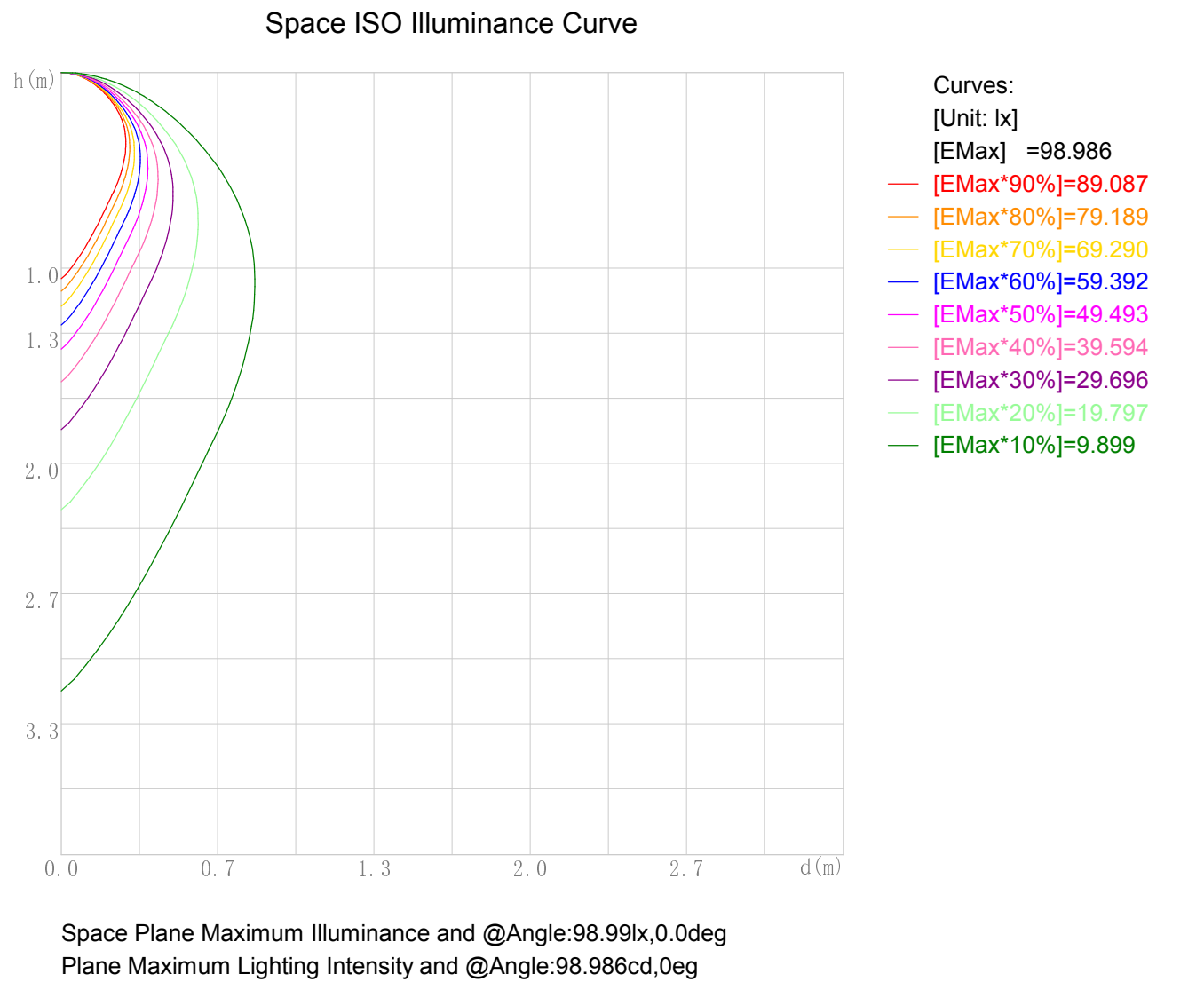
3D Plane Illuminance Modal





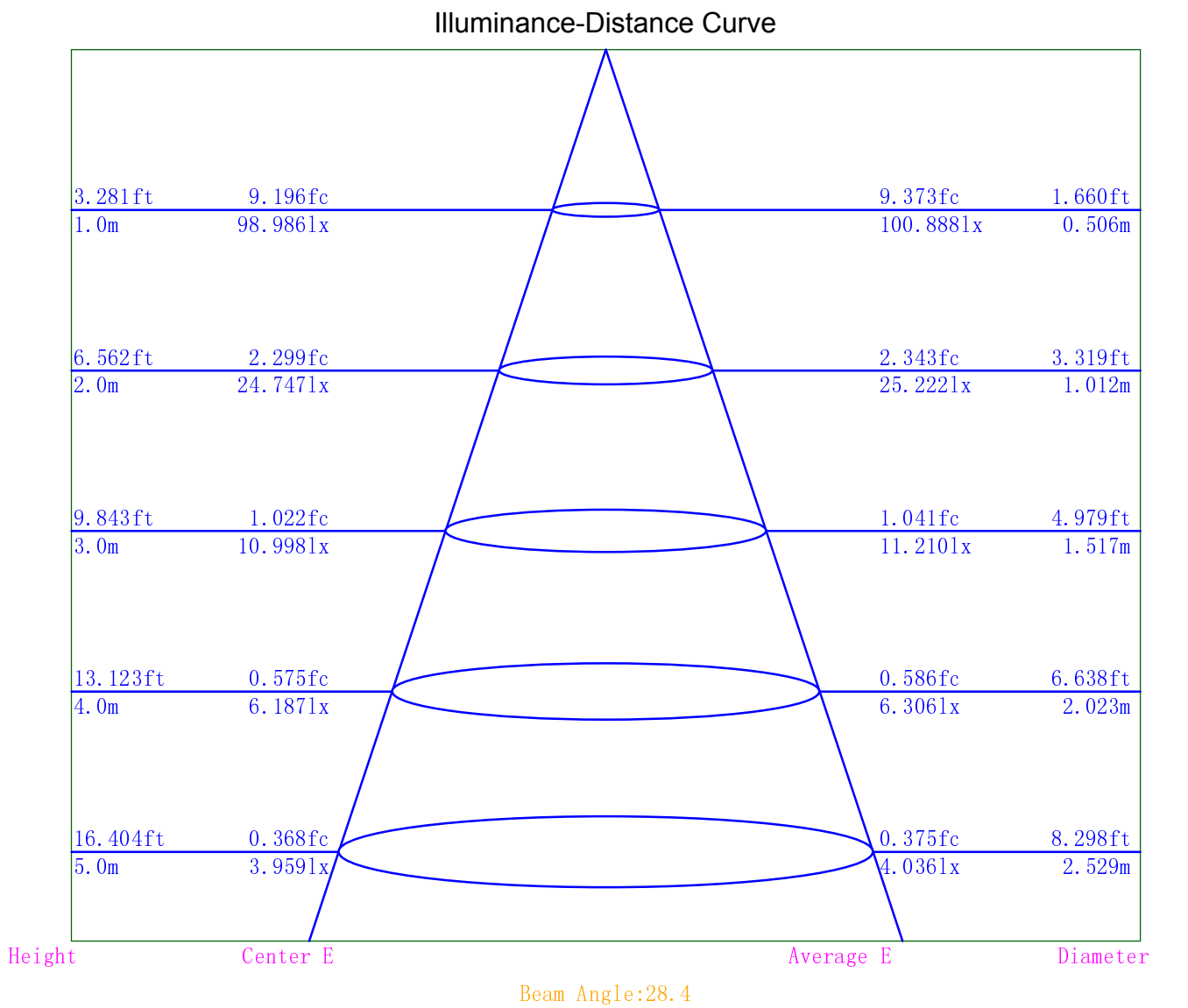
Space ISO Illuminance Diagram

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/11/16



Illuminance-Distance Diagram

Lum. Name:55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/11/16



Indoor Luminance Limiting Curves

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/11/16

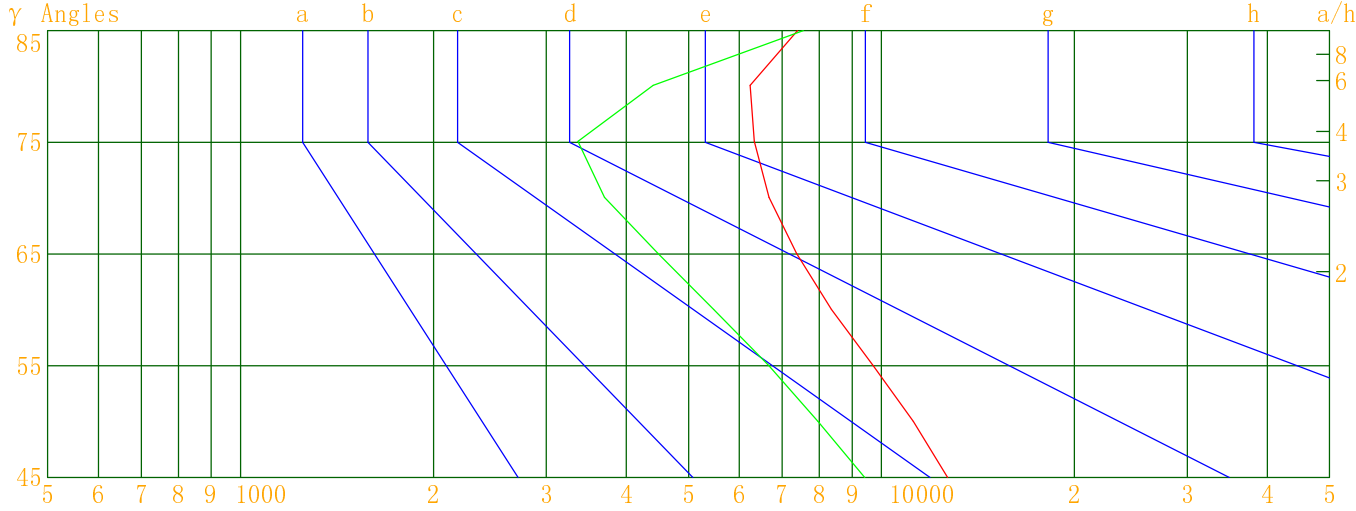
Glare Grade Table

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	12687	11211	9700	8356	7369	6680	6336	6241	7392
C90	9419	7963	6667	5473	4482	3699	3361	4405	7550

Luminance Limiting Curve



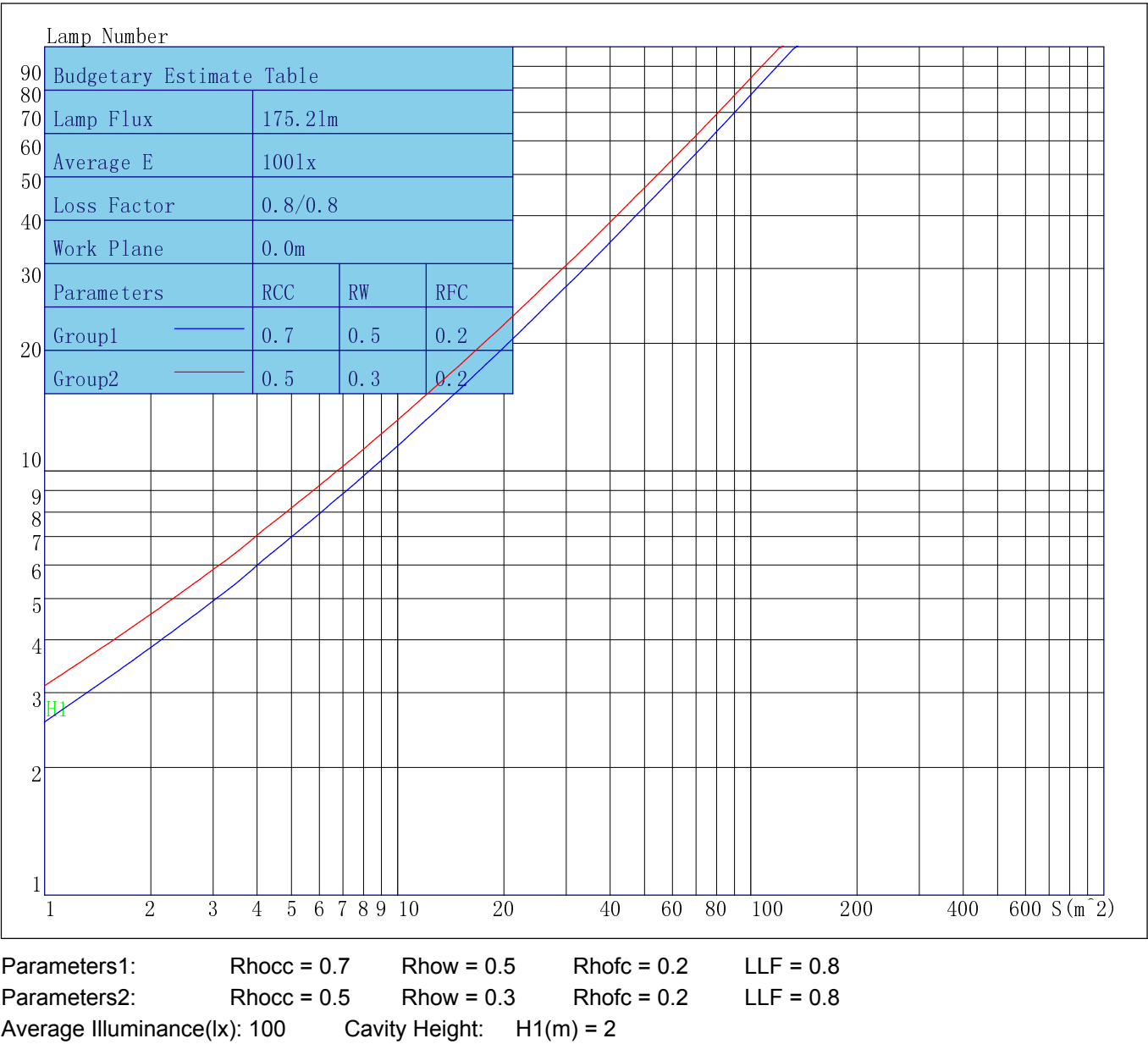
Luminous Size: Length(m)=-0.050 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963

Luminous Type: Without Luminous Side

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

Indoor Budgetary Estimate Table

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/11/16



Indoor Coefficient of Utilization Table

Lum. Name:55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/11/16

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	119	119	119	119	116	116	116	116	110	110	110	105	105	105	100	100	100	98
1	110	106	102	99	107	103	100	97	99	96	94	95	93	91	91	89	88	86
2	102	95	89	85	99	93	88	83	89	85	81	86	82	79	83	80	77	75
3	95	86	79	74	92	84	78	73	81	76	71	78	74	70	76	72	69	67
4	88	78	71	65	86	77	70	65	74	68	63	72	67	62	70	65	62	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	64	59	56	54
6	77	66	58	52	75	65	57	52	63	56	52	61	55	51	59	54	51	49
7	72	61	53	48	71	60	53	47	58	52	47	57	51	47	55	50	46	44
8	68	56	49	44	67	55	48	43	54	48	43	53	47	43	52	46	43	41
9	64	52	45	40	63	52	45	40	51	44	40	49	44	40	48	43	39	38
10	61	49	42	37	59	48	42	37	47	41	37	46	41	37	45	40	36	35

Unified Glare Rating Table

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/11/16

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	18.2	19.5	18.6	19.9	20.2	15.3	16.6	15.7	17.0	17.4
	Y=3H	19.0	20.1	19.4	20.5	20.9	15.9	17.1	16.3	17.5	17.9
	Y=4H	19.3	20.4	19.7	20.8	21.2	16.2	17.2	16.6	17.6	18.1
	Y=6H	19.6	20.6	20.0	21.0	21.4	16.5	17.5	16.9	17.9	18.3
	Y=8H	19.7	20.6	20.1	21.1	21.5	16.7	17.6	17.1	18.1	18.5
	Y=12H	19.8	20.7	20.3	21.1	21.6	17.0	17.9	17.4	18.3	18.8
X=4H	Y=2H	18.9	20.0	19.4	20.4	20.8	16.0	17.0	16.4	17.4	17.9
	Y=3H	19.8	20.7	20.3	21.2	21.6	16.7	17.6	17.2	18.0	18.5
	Y=4H	20.2	21.0	20.7	21.5	22.0	17.0	17.8	17.5	18.3	18.8
	Y=6H	20.6	21.3	21.1	21.7	22.3	17.5	18.2	18.0	18.6	19.1
	Y=8H	20.7	21.4	21.2	21.8	22.4	17.8	18.4	18.3	18.9	19.4
	Y=12H	20.9	21.4	21.4	22.0	22.5	18.2	18.7	18.7	19.2	19.8
X=8H	Y=4H	20.7	21.3	21.2	21.8	22.3	17.3	17.9	17.8	18.4	18.9
	Y=6H	21.1	21.6	21.6	22.1	22.7	17.8	18.4	18.4	18.9	19.5
	Y=8H	21.3	21.7	21.8	22.3	22.8	18.3	18.7	18.8	19.3	19.8
	Y=12H	21.5	21.9	22.0	22.4	23.0	18.9	19.3	19.4	19.8	20.4
X=12H	Y=4H	20.8	21.4	21.3	21.9	22.4	17.3	17.8	17.8	18.3	18.8
	Y=6H	21.3	21.7	21.8	22.2	22.8	17.9	18.3	18.4	18.8	19.4
	Y=8H	21.5	21.9	22.0	22.4	23.0	18.4	18.8	18.9	19.3	19.9
Variations with the objerver position at spacings											
S=1.0H		0.5/-0.6					0.2/-0.2				
S=1.5H		0.9/-1.0					0.3/-0.3				
S=2.0H		1.4/-1.4					0.9/-0.6				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		2.2					2.3				

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

IES Indoor Report

Photometric Filename:R.IES

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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
γ 0. 0	98. 99	98. 99	98. 99	98. 99	98. 99	98. 99	98. 99	98. 99	98. 99	98. 99	98. 99	98. 99
γ 1. 0	95. 37	91. 28	90. 24	90. 74	94. 31	98. 77	104. 32	106. 50	107. 72	105. 81	103. 05	98. 99
γ 2. 0	90. 97	84. 29	82. 30	83. 81	89. 97	98. 53	108. 71	114. 33	116. 82	113. 64	107. 47	98. 95
γ 3. 0	86. 64	77. 79	75. 06	77. 34	85. 75	98. 16	113. 06	122. 26	126. 07	121. 51	111. 84	98. 78
γ 4. 0	82. 45	71. 75	68. 50	71. 35	81. 63	97. 66	117. 37	130. 14	135. 20	129. 36	116. 09	98. 49
γ 5. 0	78. 36	66. 26	62. 72	65. 87	77. 64	97. 06	121. 50	137. 74	144. 02	137. 02	120. 27	98. 08
γ 6. 0	74. 43	61. 35	57. 59	60. 97	73. 76	96. 37	125. 49	144. 91	152. 46	144. 25	124. 33	97. 53
γ 7. 0	70. 64	57. 02	53. 16	56. 63	70. 06	95. 57	129. 21	151. 71	160. 49	151. 12	128. 12	96. 85
γ 8. 0	67. 09	53. 16	49. 32	52. 79	66. 54	94. 63	132. 57	158. 17	168. 39	157. 70	131. 60	96. 04
γ 9. 0	63. 77	49. 80	46. 04	49. 47	63. 27	93. 58	135. 45	164. 40	176. 33	163. 93	134. 76	95. 14
γ 10. 0	60. 67	46. 87	43. 18	46. 53	60. 16	92. 49	137. 89	170. 51	184. 41	170. 07	137. 51	94. 16
γ 11. 0	57. 85	44. 28	40. 66	43. 89	57. 28	91. 34	139. 97	176. 73	192. 62	176. 16	139. 91	93. 11
γ 12. 0	55. 18	41. 94	38. 29	41. 56	54. 55	90. 09	141. 60	182. 95	200. 58	182. 17	141. 93	92. 06
γ 13. 0	52. 68	39. 83	36. 09	39. 45	51. 99	88. 74	142. 92	189. 02	207. 96	187. 99	143. 58	90. 89
γ 14. 0	50. 36	37. 85	34. 02	37. 53	49. 68	87. 31	143. 76	194. 54	214. 55	193. 41	144. 85	89. 67
γ 15. 0	48. 24	35. 99	32. 19	35. 75	47. 57	85. 79	144. 29	199. 37	220. 13	198. 12	145. 64	88. 38
γ 16. 0	46. 30	34. 26	30. 59	34. 04	45. 63	84. 16	144. 48	203. 28	224. 40	202. 15	146. 13	87. 00
γ 17. 0	44. 54	32. 63	29. 24	32. 39	43. 83	82. 46	144. 33	206. 12	227. 22	205. 40	146. 32	85. 52
γ 18. 0	42. 94	31. 17	28. 07	30. 92	42. 16	80. 63	143. 93	207. 90	228. 53	207. 60	146. 18	83. 93
γ 19. 0	41. 46	29. 93	27. 04	29. 64	40. 63	78. 70	143. 15	208. 55	228. 05	208. 87	145. 74	82. 24
γ 20. 0	40. 09	28. 81	26. 10	28. 51	39. 20	76. 71	142. 09	208. 21	225. 18	209. 02	144. 99	80. 44
γ 21. 0	38. 77	27. 82	25. 29	27. 50	37. 89	74. 62	140. 71	206. 89	219. 79	208. 05	143. 88	78. 54
γ 22. 0	37. 53	26. 92	24. 57	26. 57	36. 64	72. 46	138. 94	204. 16	211. 90	206. 02	142. 45	76. 59
γ 23. 0	36. 34	26. 07	23. 88	25. 72	35. 46	70. 22	136. 73	199. 81	201. 58	202. 34	140. 64	74. 53
γ 24. 0	35. 16	25. 28	23. 26	24. 95	34. 32	67. 92	134. 14	193. 59	189. 46	196. 85	138. 40	72. 42
γ 25. 0	34. 04	24. 56	22. 67	24. 24	33. 24	65. 59	131. 11	185. 18	176. 15	189. 32	135. 78	70. 24
γ 26. 0	32. 96	23. 89	22. 10	23. 58	32. 19	63. 27	127. 65	175. 04	162. 60	180. 01	132. 79	68. 03
γ 27. 0	31. 94	23. 27	21. 56	22. 97	31. 20	60. 92	123. 82	163. 71	149. 32	169. 42	129. 34	65. 76
γ 28. 0	30. 92	22. 68	21. 02	22. 40	30. 22	58. 59	119. 69	151. 91	137. 18	157. 97	125. 61	63. 46
γ 29. 0	29. 96	22. 13	20. 48	21. 85	29. 28	56. 26	115. 30	140. 18	125. 80	146. 35	121. 56	61. 14
γ 30. 0	29. 05	21. 59	19. 96	21. 32	28. 36	53. 88	110. 69	128. 90	115. 27	134. 89	117. 21	58. 82
γ 31. 0	28. 16	21. 08	19. 43	20. 81	27. 49	51. 53	106. 06	118. 50	105. 70	123. 92	112. 69	56. 55
γ 32. 0	27. 30	20. 55	18. 92	20. 31	26. 61	49. 21	101. 35	108. 92	97. 05	113. 87	108. 06	54. 24
γ 33. 0	26. 48	20. 04	18. 41	19. 81	25. 78	46. 95	96. 76	100. 21	89. 11	104. 60	103. 45	51. 93
γ 34. 0	25. 65	19. 50	17. 91	19. 30	24. 97	44. 71	92. 10	92. 34	82. 00	96. 26	98. 83	49. 63
γ 35. 0	24. 84	18. 97	17. 42	18. 79	24. 16	42. 50	87. 44	85. 17	75. 47	88. 64	94. 17	47. 36
γ 36. 0	24. 04	18. 45	16. 91	18. 27	23. 39	40. 35	82. 75	78. 59	69. 51	81. 69	89. 51	45. 14
γ 37. 0	23. 29	17. 90	16. 42	17. 71	22. 65	38. 29	78. 03	72. 60	64. 18	75. 36	84. 81	42. 95
γ 38. 0	22. 53	17. 37	15. 91	17. 17	21. 93	36. 31	73. 25	67. 16	59. 42	69. 73	80. 11	40. 79
γ 39. 0	21. 82	16. 82	15. 40	16. 63	21. 22	34. 39	68. 46	62. 18	55. 25	64. 60	75. 34	38. 71
γ 40. 0	21. 13	16. 29	14. 91	16. 06	20. 48	32. 56	63. 73	57. 70	51. 54	59. 95	70. 60	36. 70
γ 41. 0	20. 45	15. 73	14. 38	15. 48	19. 74	30. 79	59. 07	53. 63	48. 22	55. 80	65. 87	34. 76
γ 42. 0	19. 74	15. 16	13. 83	14. 90	18. 95	29. 10	54. 65	50. 05	45. 25	52. 01	61. 26	32. 90
γ 43. 0	19. 02	14. 60	13. 29	14. 32	18. 15	27. 48	50. 41	46. 87	42. 59	48. 63	56. 79	31. 09
γ 44. 0	18. 33	14. 03	12. 73	13. 70	17. 38	25. 94	46. 49	44. 02	40. 20	45. 63	52. 52	29. 36
γ 45. 0	17. 61	13. 45	12. 19	13. 08	16. 62	24. 48	42. 92	41. 49	38. 09	42. 97	48. 49	27. 73
γ 46. 0	16. 92	12. 82	11. 65	12. 43	15. 87	23. 10	39. 70	39. 25	36. 17	40. 60	44. 78	26. 18

IES Indoor Report

Photometric Filename:R.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
γ 47. 0	16. 21	12. 23	11. 13	11. 80	15. 14	21. 79	36. 75	37. 23	34. 44	38. 47	41. 35	24. 70
γ 48. 0	15. 52	11. 64	10. 60	11. 19	14. 42	20. 62	34. 10	35. 46	32. 85	36. 61	38. 23	23. 25
γ 49. 0	14. 83	11. 04	10. 08	10. 61	13. 71	19. 57	31. 73	33. 89	31. 41	34. 93	35. 42	21. 91
γ 50. 0	14. 15	10. 49	9. 56	10. 05	13. 05	18. 59	29. 64	32. 47	30. 15	33. 47	32. 88	20. 71
γ 51. 0	13. 50	9. 95	9. 07	9. 51	12. 39	17. 68	27. 73	31. 18	29. 05	32. 15	30. 62	19. 60
γ 52. 0	12. 84	9. 42	8. 55	8. 99	11. 76	16. 83	26. 00	29. 98	28. 08	30. 94	28. 59	18. 61
γ 53. 0	12. 20	8. 90	8. 04	8. 49	11. 12	16. 03	24. 42	28. 85	27. 21	29. 79	26. 76	17. 72
γ 54. 0	11. 57	8. 39	7. 55	7. 99	10. 50	15. 20	23. 00	27. 84	26. 41	28. 69	25. 14	16. 88
γ 55. 0	10. 92	7. 92	7. 06	7. 51	9. 91	14. 40	21. 75	26. 89	25. 67	27. 65	23. 69	16. 10
γ 56. 0	10. 31	7. 45	6. 58	7. 05	9. 34	13. 61	20. 64	26. 01	25. 01	26. 72	22. 35	15. 34
γ 57. 0	9. 73	7. 00	6. 11	6. 63	8. 79	12. 85	19. 63	25. 20	24. 35	25. 81	21. 17	14. 57
γ 58. 0	9. 19	6. 56	5. 66	6. 20	8. 30	12. 12	18. 74	24. 39	23. 75	24. 97	20. 10	13. 82
γ 59. 0	8. 68	6. 13	5. 23	5. 76	7. 81	11. 38	17. 89	23. 65	23. 18	24. 15	19. 13	13. 10
γ 60. 0	8. 20	5. 70	4. 79	5. 37	7. 34	10. 70	17. 10	22. 91	22. 65	23. 38	18. 21	12. 37
γ 61. 0	7. 73	5. 31	4. 39	5. 00	6. 89	10. 03	16. 37	22. 25	22. 13	22. 67	17. 36	11. 66
γ 62. 0	7. 28	4. 95	3. 99	4. 65	6. 49	9. 40	15. 67	21. 63	21. 59	22. 00	16. 58	10. 99
γ 63. 0	6. 86	4. 60	3. 63	4. 33	6. 12	8. 79	14. 99	21. 06	21. 06	21. 39	15. 84	10. 37
γ 64. 0	6. 48	4. 29	3. 28	4. 02	5. 76	8. 21	14. 31	20. 50	20. 51	20. 79	15. 14	9. 73
γ 65. 0	6. 11	3. 96	2. 97	3. 72	5. 41	7. 65	13. 64	19. 95	19. 98	20. 23	14. 43	9. 15
γ 66. 0	5. 75	3. 67	2. 66	3. 43	5. 07	7. 11	12. 98	19. 39	19. 44	19. 66	13. 76	8. 58
γ 67. 0	5. 41	3. 40	2. 37	3. 17	4. 74	6. 60	12. 35	18. 83	18. 92	19. 10	13. 10	8. 05
γ 68. 0	5. 06	3. 14	2. 12	2. 92	4. 45	6. 11	11. 74	18. 30	18. 40	18. 54	12. 47	7. 53
γ 69. 0	4. 77	2. 91	1. 90	2. 70	4. 19	5. 63	11. 12	17. 76	17. 88	17. 96	11. 84	7. 03
γ 70. 0	4. 49	2. 70	1. 70	2. 48	3. 92	5. 13	10. 52	17. 22	17. 39	17. 41	11. 25	6. 55
γ 71. 0	4. 22	2. 50	1. 53	2. 28	3. 64	4. 61	9. 91	16. 69	16. 90	16. 85	10. 65	6. 09
γ 72. 0	3. 95	2. 31	1. 40	2. 08	3. 40	4. 12	9. 36	16. 13	16. 44	16. 30	10. 06	5. 63
γ 73. 0	3. 70	2. 12	1. 33	1. 90	3. 16	3. 62	8. 83	15. 53	15. 99	15. 74	9. 49	5. 15
γ 74. 0	3. 45	1. 95	1. 28	1. 78	2. 92	3. 15	8. 30	14. 90	15. 56	15. 15	8. 93	4. 67
γ 75. 0	3. 22	1. 82	1. 27	1. 71	2. 71	2. 69	7. 84	14. 28	15. 10	14. 54	8. 42	4. 22
γ 76. 0	3. 00	1. 75	1. 27	1. 67	2. 52	2. 25	7. 46	13. 67	14. 65	13. 95	7. 99	3. 75
γ 77. 0	2. 77	1. 68	1. 28	1. 63	2. 32	1. 83	7. 09	13. 03	14. 18	13. 35	7. 59	3. 30
γ 78. 0	2. 56	1. 62	1. 25	1. 59	2. 14	1. 41	6. 75	12. 40	13. 70	12. 75	7. 19	2. 86
γ 79. 0	2. 35	1. 55	1. 24	1. 55	1. 97	1. 01	6. 39	11. 78	13. 20	12. 16	6. 86	2. 44
γ 80. 0	2. 13	1. 47	1. 22	1. 50	1. 87	0. 65	6. 07	11. 18	12. 70	11. 58	6. 51	2. 03
γ 81. 0	1. 92	1. 40	1. 18	1. 47	1. 82	0. 31	5. 74	10. 58	12. 19	11. 02	6. 19	1. 64
γ 82. 0	1. 76	1. 32	1. 13	1. 41	1. 76	0. 00	5. 45	10. 01	11. 66	10. 51	5. 88	1. 28
γ 83. 0	1. 63	1. 25	1. 05	1. 38	1. 69	0. 00	5. 16	9. 46	11. 12	9. 95	5. 60	0. 94
γ 84. 0	1. 47	1. 19	0. 99	1. 34	1. 63	0. 00	4. 89	8. 92	10. 59	9. 38	5. 30	0. 61
γ 85. 0	1. 26	1. 19	0. 95	1. 29	1. 59	0. 00	4. 64	8. 35	10. 03	8. 80	5. 02	0. 31
γ 86. 0	1. 02	1. 18	0. 91	1. 24	1. 57	0. 00	4. 41	7. 79	9. 47	8. 23	4. 77	0. 01
γ 87. 0	0. 90	1. 15	0. 88	1. 19	1. 50	0. 00	4. 17	7. 25	8. 92	7. 69	4. 52	0. 00
γ 88. 0	1. 09	1. 14	0. 83	1. 14	1. 36	0. 00	3. 93	6. 74	8. 36	7. 16	4. 30	0. 00
γ 89. 0	1. 29	1. 10	0. 83	1. 07	1. 13	0. 00	3. 68	6. 26	7. 79	6. 69	4. 08	0. 00
γ 90. 0	1. 28	1. 03	0. 80	1. 01	0. 92	0. 00	3. 44	5. 80	7. 23	6. 22	3. 84	0. 00
γ 91. 0	1. 10	0. 95	0. 65	0. 84	0. 71	0. 00	3. 22	5. 38	6. 68	5. 77	3. 62	0. 00
γ 92. 0	0. 78	0. 85	0. 65	0. 75	0. 51	0. 00	3. 00	4. 97	6. 15	5. 38	3. 39	0. 00
γ 93. 0	0. 61	0. 81	0. 69	0. 76	0. 33	0. 00	2. 80	4. 59	5. 62	5. 00	3. 18	0. 00



IES Indoor Report

Photometric Filename:R.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
γ 94. 0	0. 44	0. 76	0. 61	0. 70	0. 16	0. 00	2. 60	4. 26	5. 14	4. 62	2. 96	0. 00
γ 95. 0	0. 30	0. 72	0. 56	0. 59	0. 00	0. 00	2. 49	3. 94	4. 67	4. 27	2. 73	0. 00
γ 96. 0	0. 16	0. 62	0. 54	0. 49	0. 00	0. 00	2. 43	3. 64	4. 22	3. 94	2. 56	0. 00
γ 97. 0	0. 00	0. 54	0. 44	0. 41	0. 00	0. 00	2. 41	3. 36	3. 80	3. 64	2. 40	0. 00
γ 98. 0	0. 00	0. 43	0. 35	0. 28	0. 00	0. 00	2. 41	3. 10	3. 41	3. 37	2. 36	0. 00
γ 99. 0	0. 00	0. 37	0. 31	0. 22	0. 00	0. 00	2. 41	2. 86	3. 08	3. 12	2. 34	0. 00
γ 100. 0	0. 00	0. 28	0. 21	0. 10	0. 00	0. 00	2. 40	2. 64	2. 76	2. 87	2. 36	0. 00
γ 101. 0	0. 00	0. 17	0. 18	0. 00	0. 00	0. 00	2. 37	2. 42	2. 49	2. 65	2. 37	0. 00
γ 102. 0	0. 00	0. 10	0. 09	0. 00	0. 00	0. 00	2. 34	2. 14	2. 22	2. 46	2. 37	0. 00
γ 103. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	2. 31	1. 94	2. 01	2. 19	2. 33	0. 00
γ 104. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	2. 29	1. 76	1. 78	1. 93	2. 29	0. 00
γ 105. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	2. 24	1. 66	1. 60	1. 81	2. 07	0. 00
γ 106. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	2. 10	1. 67	1. 50	1. 72	1. 84	0. 00
γ 107. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	1. 94	1. 61	1. 46	1. 55	1. 68	0. 00
γ 108. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	1. 70	1. 52	1. 43	1. 51	1. 56	0. 00
γ 109. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	1. 46	1. 43	1. 40	1. 45	1. 44	0. 00
γ 110. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	1. 22	1. 32	1. 36	1. 35	0. 94	0. 00
γ 111. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	1. 01	1. 17	1. 29	1. 25	0. 58	0. 00
γ 112. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 81	1. 03	1. 12	1. 15	0. 42	0. 00
γ 113. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 61	1. 02	1. 01	1. 09	0. 38	0. 00
γ 114. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 48	0. 95	0. 91	1. 10	0. 34	0. 00
γ 115. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 37	0. 97	0. 83	1. 04	0. 10	0. 00
γ 116. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 28	0. 94	0. 70	0. 87	0. 14	0. 00
γ 117. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 17	0. 92	0. 61	0. 69	0. 05	0. 00
γ 118. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 08	0. 89	0. 45	0. 59	0. 08	0. 00
γ 119. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 86	0. 44	0. 51	0. 03	0. 00
γ 120. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 81	0. 53	0. 48	0. 03	0. 00
γ 121. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 74	0. 54	0. 42	0. 00	0. 00
γ 122. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 63	0. 54	0. 40	0. 00	0. 00
γ 123. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 53	0. 52	0. 32	0. 00	0. 00
γ 124. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 49	0. 49	0. 24	0. 00	0. 00
γ 125. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 44	0. 49	0. 21	0. 00	0. 00
γ 126. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 38	0. 49	0. 19	0. 00	0. 00
γ 127. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 27	0. 43	0. 31	0. 00	0. 00
γ 128. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 20	0. 38	0. 30	0. 00	0. 00
γ 129. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 16	0. 32	0. 25	0. 00	0. 00
γ 130. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 07	0. 25	0. 17	0. 00	0. 00
γ 131. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 19	0. 10	0. 00	0. 00
γ 132. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 12	0. 03	0. 00	0. 00
γ 133. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 05	0. 00	0. 00	0. 00
γ 134. 0	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 135. 0	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 136. 0	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 137. 0	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 138. 0	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 139. 0	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 140. 0	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:R.IES

### Candela Tabulation - (Cont.)

[illegible]