

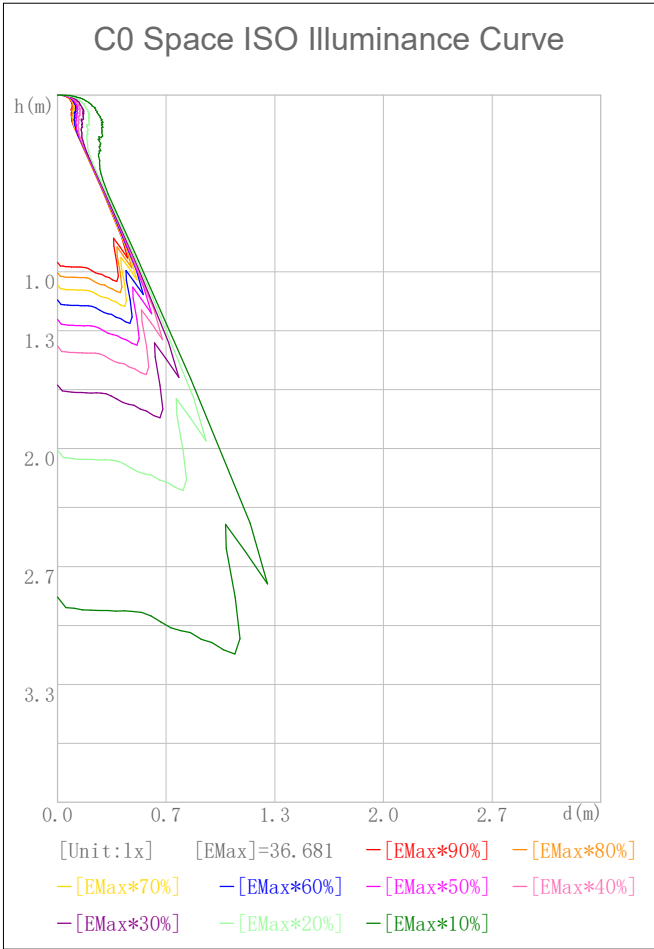
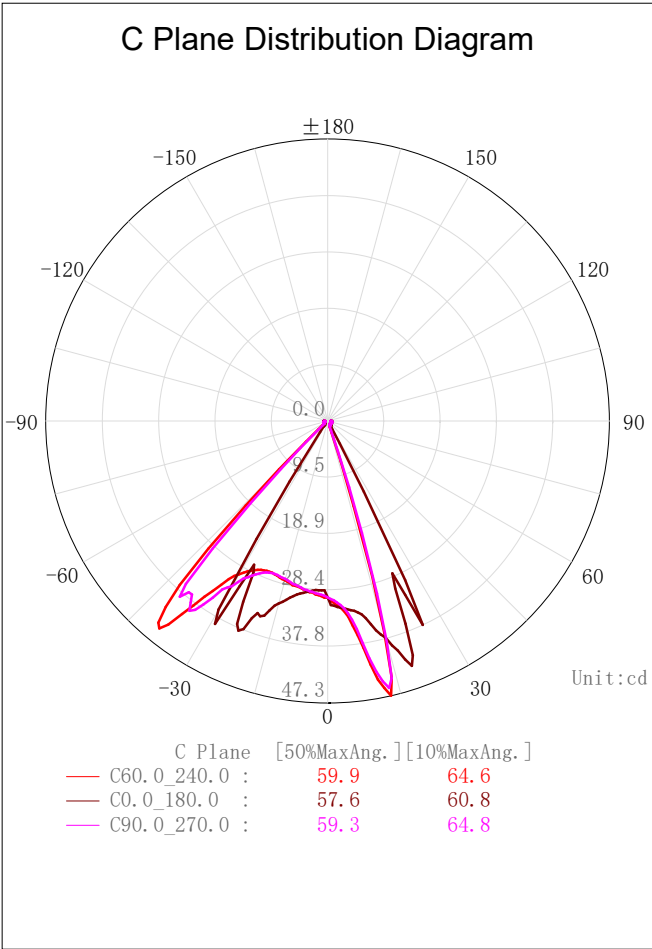
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 太阳能壁灯 哥伦比亚004-14 2眼		Lum. Catalog:	Test ID:
Lamp Name: LED		Lamp Catalog: LED	Test Date: 2026/03/05
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency(Hz):	Lamp CCT(K): Ra:
Lum. Size (W*L*H):0.030m*0.080m*0.000m		Lum. Area (m2):0.002	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=60.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

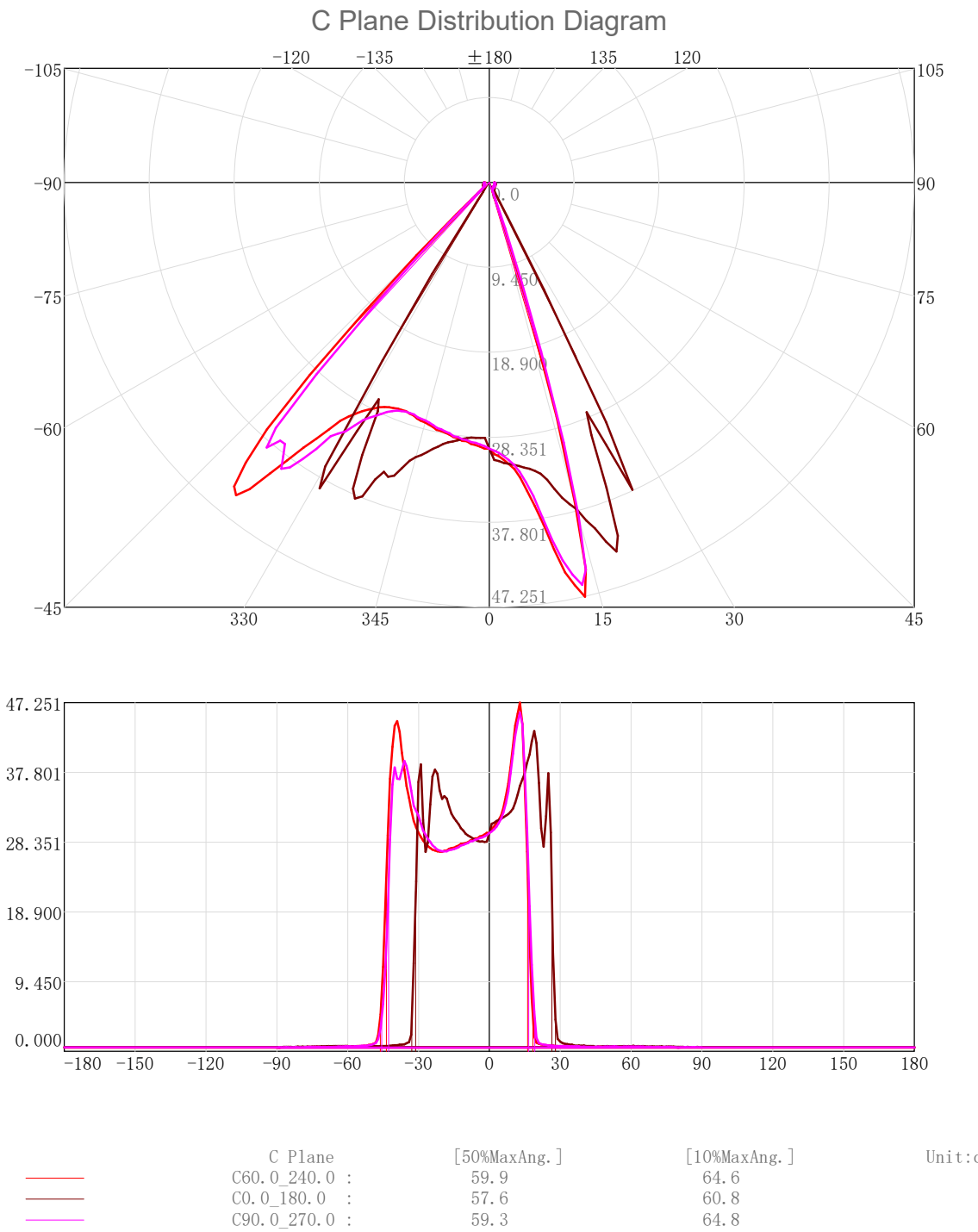
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 35.080	Luminary Flux(lm): 35.078	Field Angle(10%Imax): 64.6(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 35.078lm 100.00%	
Rated Voltage(V):	Luminary EER(lm/W): 17.539	Up Lumens&Percent: 0.000lm 0.00%	
Tested Power(W): 2.000	Max. Candela(cd): 47.251	S/MH: C0_a180=1.100 C90_270=1.188	
Lamps' Inside: 1	Max Cand@Ang. (°): C=60.0 γ=13.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):22.3, 0.000, 0.000	Beam Angle(50%Imax): 59.9(°)	ErP Φuse(90°): 30.629lm	
Lamp Size(W*L*H):0.030m*0.080m*0.000m	Left=-43.6°, Right=16.3°	IRF(%): 296.958	



2D Plane Light Intensity Distribution Curve

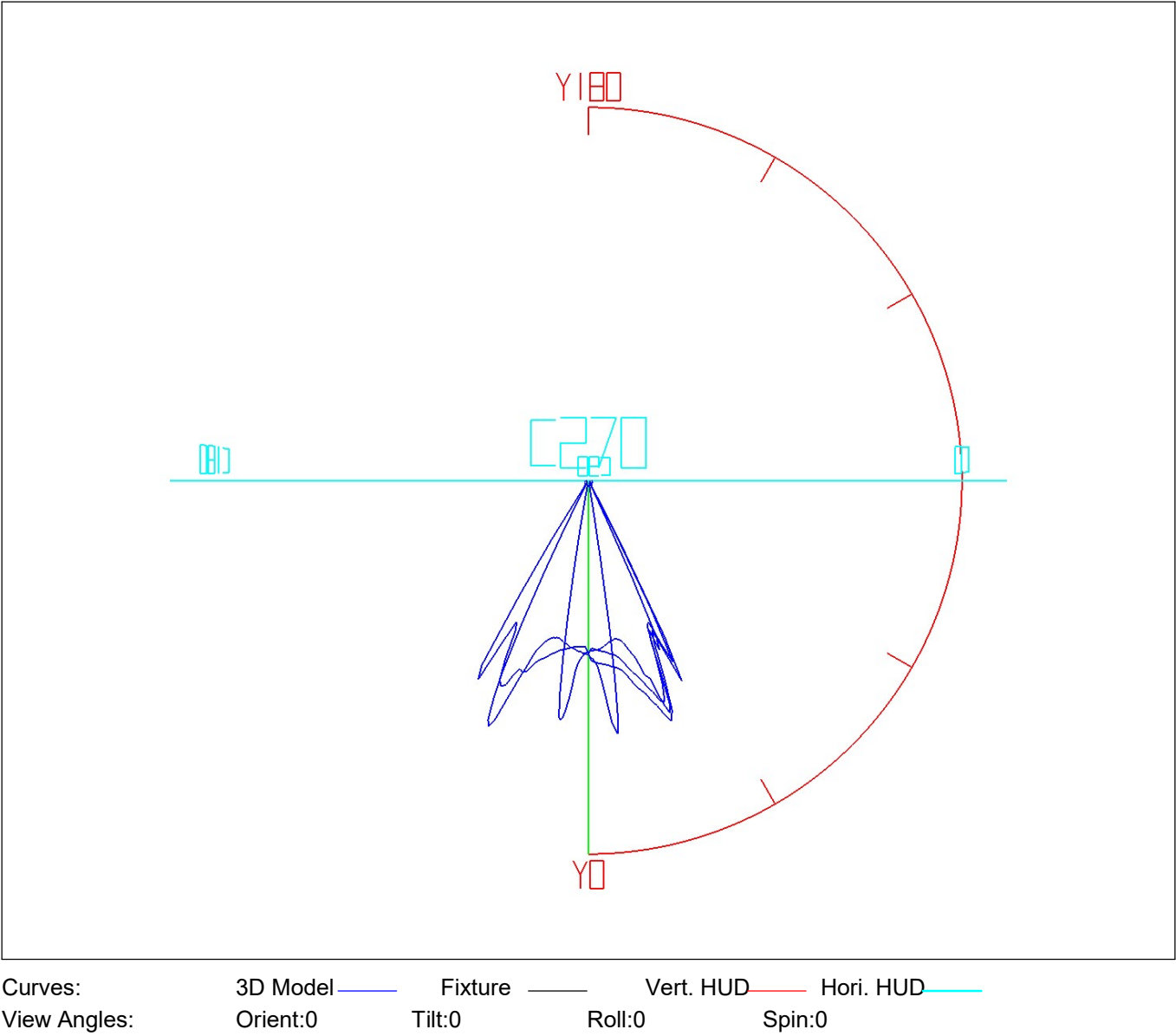
Lum. Name: 太阳能壁灯 哥伦比亚004-14 2眼	Lum. Catalog:	Test ID:
Lamp Name: LED	Lamp Catalog: LED	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/03/05



3D Light Intensity Distribution Modal

Lum. Name: 太阳能壁灯 哥伦比亚004-14 2眼	Lum. Catalog:	Test ID:
Lamp Name: LED	Lamp Catalog: LED	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/03/05

3D Light Intensity Distribution Modal



IES Indoor Report

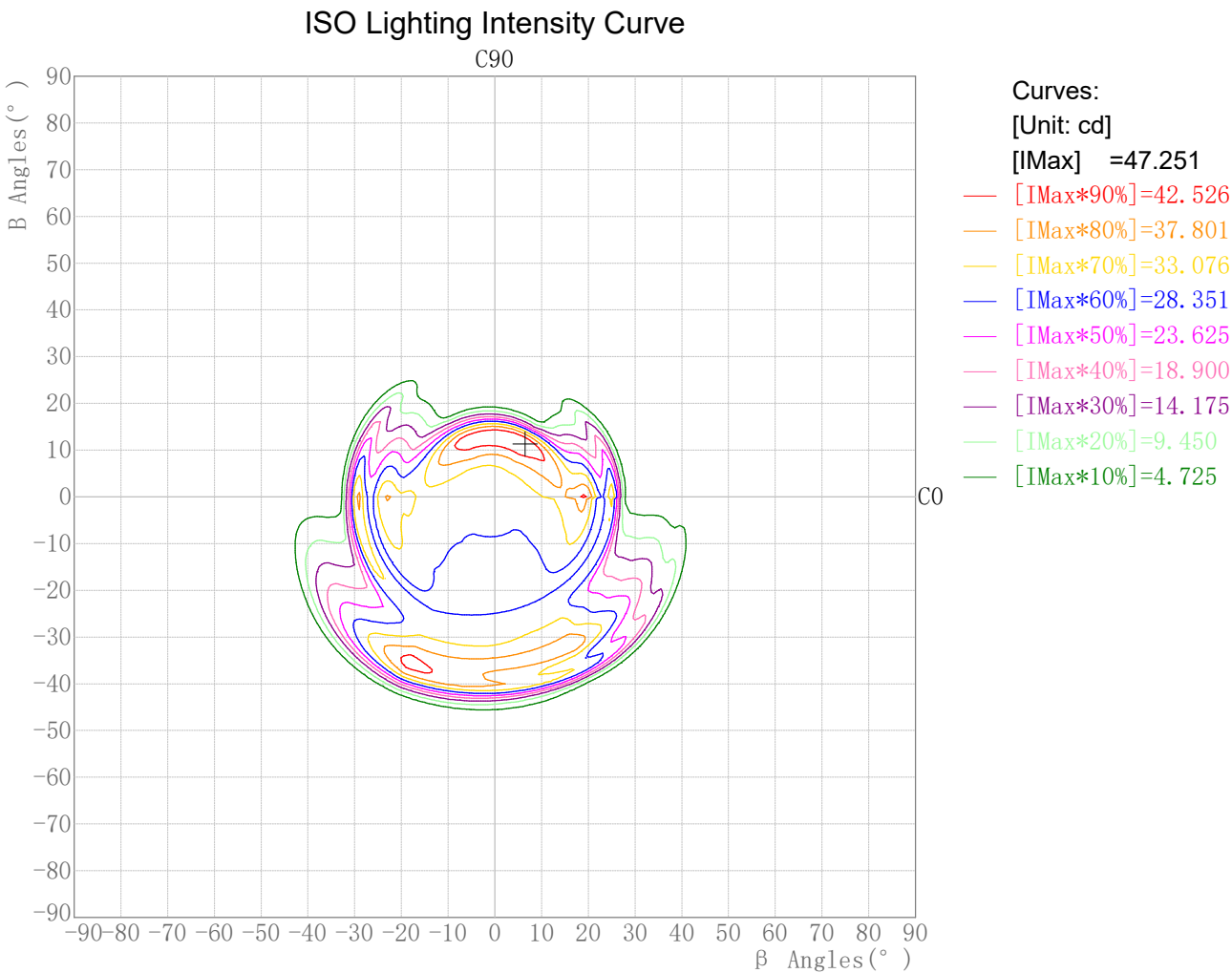
Photometric Filename:太阳能壁灯 哥伦比亚004-14 2眼.IES

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	0.03	0.03	0.08	0.08	47.0-48.0	0.07	32.33	0.21	92.16
1.0-2.0	0.09	0.11	0.24	0.32	48.0-49.0	0.07	32.40	0.19	92.35
2.0-3.0	0.14	0.26	0.40	0.73	49.0-50.0	0.07	32.46	0.19	92.54
3.0-4.0	0.20	0.46	0.57	1.30	50.0-51.0	0.06	32.53	0.18	92.72
4.0-5.0	0.26	0.71	0.74	2.03	51.0-52.0	0.06	32.59	0.18	92.90
5.0-6.0	0.32	1.03	0.91	2.94	52.0-53.0	0.06	32.65	0.18	93.08
6.0-7.0	0.38	1.41	1.08	4.02	53.0-54.0	0.06	32.72	0.18	93.26
7.0-8.0	0.45	1.86	1.27	5.29	54.0-55.0	0.06	32.78	0.18	93.44
8.0-9.0	0.52	2.37	1.47	6.77	55.0-56.0	0.06	32.84	0.18	93.62
9.0-10.0	0.59	2.97	1.69	8.45	56.0-57.0	0.06	32.90	0.18	93.80
10.0-11.0	0.67	3.64	1.92	10.37	57.0-58.0	0.06	32.97	0.18	93.98
11.0-12.0	0.76	4.40	2.16	12.53	58.0-59.0	0.06	33.03	0.18	94.16
12.0-13.0	0.84	5.23	2.39	14.92	59.0-60.0	0.07	33.10	0.19	94.35
13.0-14.0	0.91	6.14	2.59	17.51	60.0-61.0	0.07	33.16	0.19	94.54
14.0-15.0	0.94	7.09	2.69	20.20	61.0-62.0	0.07	33.23	0.19	94.73
15.0-16.0	0.95	8.03	2.69	22.90	62.0-63.0	0.07	33.30	0.19	94.92
16.0-17.0	0.92	8.95	2.61	25.51	63.0-64.0	0.07	33.37	0.19	95.12
17.0-18.0	0.88	9.83	2.52	28.03	64.0-65.0	0.07	33.44	0.19	95.31
18.0-19.0	0.86	10.69	2.46	30.48	65.0-66.0	0.07	33.50	0.19	95.50
19.0-20.0	0.85	11.54	2.41	32.89	66.0-67.0	0.07	33.57	0.19	95.69
20.0-21.0	0.84	12.38	2.40	35.29	67.0-68.0	0.07	33.63	0.19	95.88
21.0-22.0	0.85	13.23	2.42	37.70	68.0-69.0	0.07	33.70	0.19	96.07
22.0-23.0	0.87	14.09	2.47	40.17	69.0-70.0	0.07	33.77	0.19	96.26
23.0-24.0	0.91	15.00	2.60	42.77	70.0-71.0	0.07	33.83	0.19	96.45
24.0-25.0	0.97	15.97	2.77	45.54	71.0-72.0	0.07	33.90	0.19	96.64
25.0-26.0	0.97	16.95	2.77	48.31	72.0-73.0	0.07	33.97	0.19	96.84
26.0-27.0	0.89	17.83	2.53	50.84	73.0-74.0	0.07	34.04	0.19	97.03
27.0-28.0	0.83	18.67	2.38	53.22	74.0-75.0	0.07	34.11	0.20	97.23
28.0-29.0	0.88	19.55	2.50	55.72	75.0-76.0	0.07	34.18	0.20	97.42
29.0-30.0	0.93	20.48	2.66	58.37	76.0-77.0	0.07	34.24	0.20	97.62
30.0-31.0	0.90	21.38	2.57	60.94	77.0-78.0	0.07	34.31	0.19	97.81
31.0-32.0	0.82	22.20	2.34	63.28	78.0-79.0	0.06	34.38	0.18	97.99
32.0-33.0	0.77	22.97	2.19	65.47	79.0-80.0	0.06	34.44	0.18	98.17
33.0-34.0	0.77	23.74	2.20	67.67	80.0-81.0	0.06	34.50	0.18	98.35
34.0-35.0	0.82	24.56	2.34	70.01	81.0-82.0	0.06	34.57	0.18	98.54
35.0-36.0	0.86	25.42	2.46	72.47	82.0-83.0	0.06	34.63	0.18	98.72
36.0-37.0	0.88	26.30	2.50	74.97	83.0-84.0	0.06	34.69	0.18	98.90
37.0-38.0	0.87	27.17	2.48	77.45	84.0-85.0	0.06	34.76	0.18	99.08
38.0-39.0	0.87	28.04	2.49	79.94	85.0-86.0	0.07	34.82	0.19	99.27
39.0-40.0	0.91	28.96	2.60	82.54	86.0-87.0	0.07	34.89	0.19	99.46
40.0-41.0	0.92	29.88	2.62	85.17	87.0-88.0	0.06	34.95	0.18	99.64
41.0-42.0	0.82	30.70	2.34	87.50	88.0-89.0	0.06	35.02	0.18	99.82
42.0-43.0	0.62	31.32	1.78	89.28	89.0-90.0	0.06	35.08	0.18	100.00
43.0-44.0	0.41	31.73	1.18	90.46					
44.0-45.0	0.26	31.99	0.74	91.20					
45.0-46.0	0.16	32.16	0.46	91.66					
46.0-47.0	0.10	32.26	0.29	91.95					

Rectangle ISO Lighting Intensity Diagram

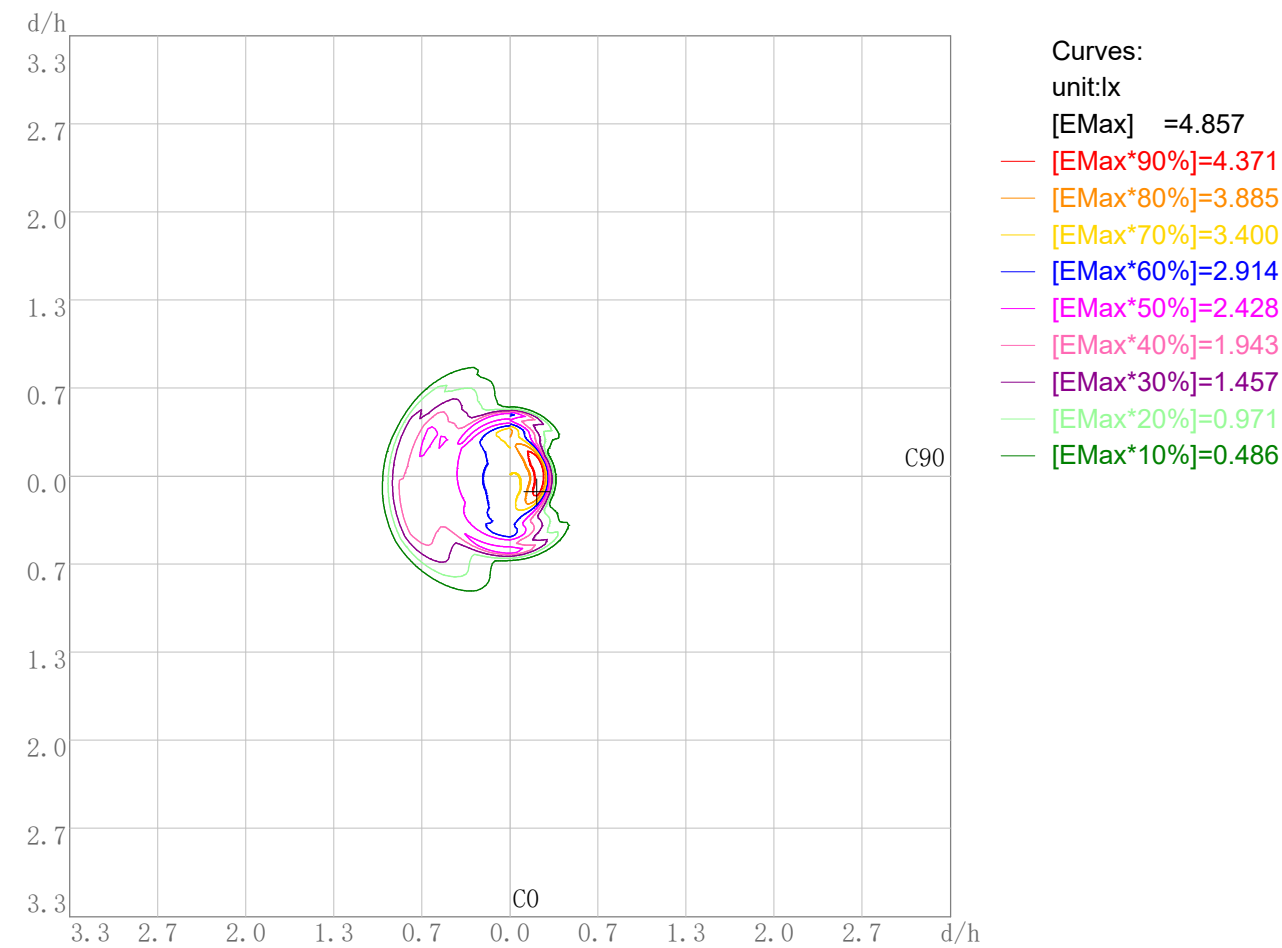
Lum. Name: 太阳能壁灯 哥伦比亚004-14 2眼	Lum. Catalog:	Test ID:
Lamp Name: LED	Lamp Catalog: LED	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/03/05



Plane ISO-Illuminance Diagram

Lum. Name: 太阳能壁灯 哥伦比亚004-14 2眼	Lum. Catelog:	Test ID:
Lamp Name: LED	Lamp Catelog: LED	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/03/05

Plane ISO-Illuminance Curve

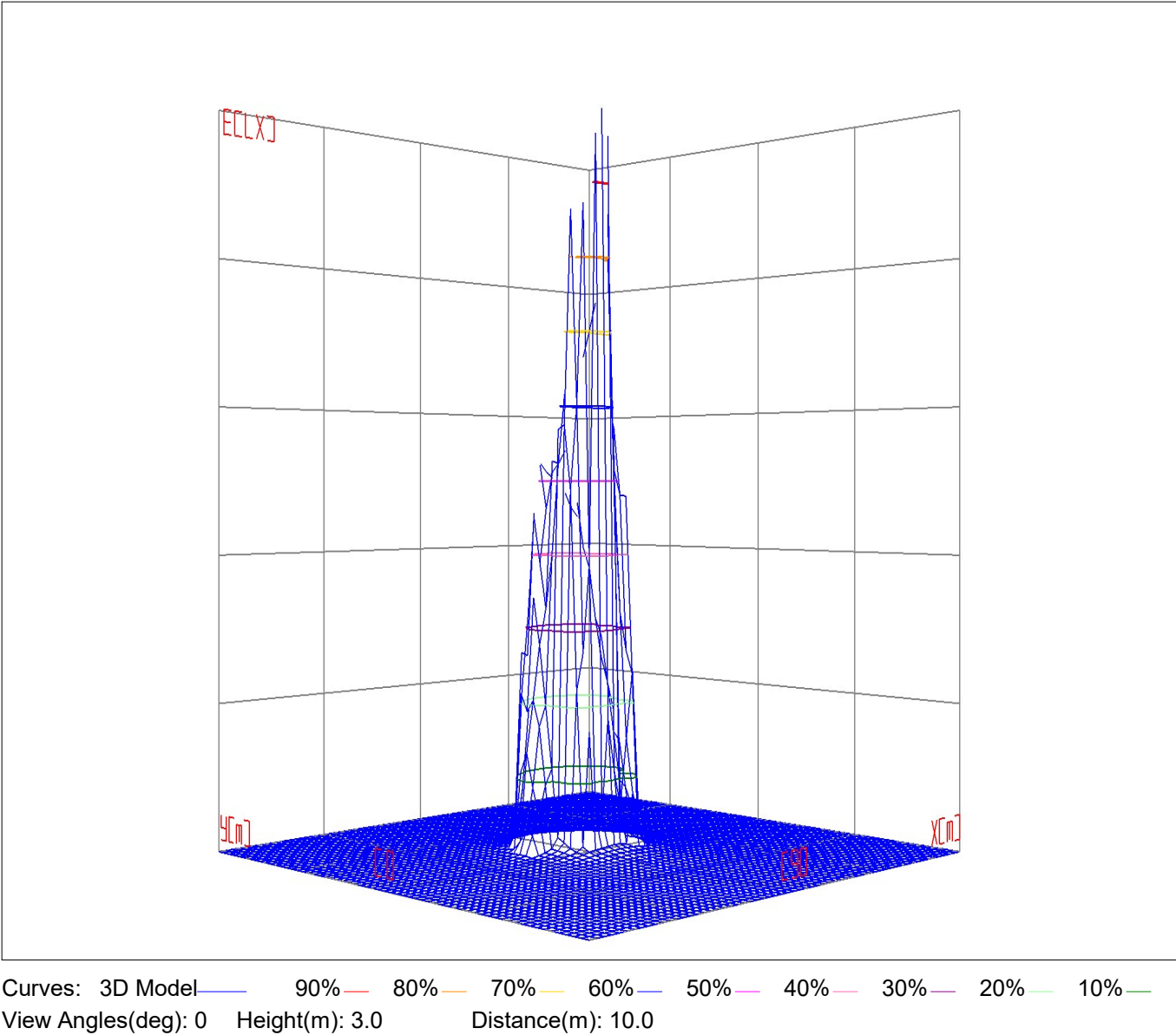


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 4.86
Working Plane Maximum Illuminance Position(d/h):H0.2 V0.1

3D Plane ISO Illuminance Diagram

Lum. Name: 太阳能壁灯 哥伦比亚004-14 2眼	Lum. Catelog:	Test ID:
Lamp Name: LED	Lamp Catelog: LED	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/03/05

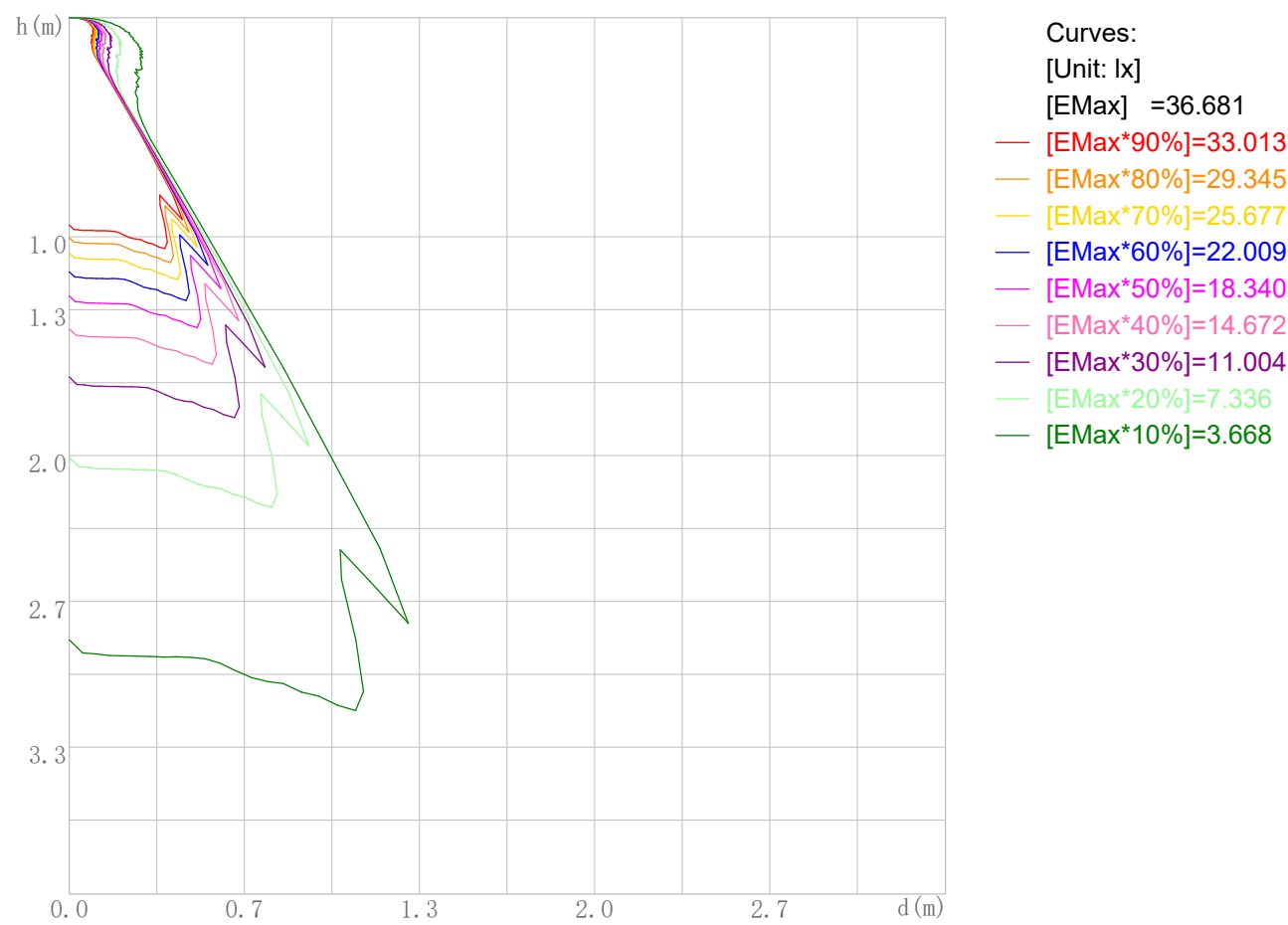
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

Lum. Name: 太阳能壁灯 哥伦比亚004-14 2眼	Lum. Catalog:	Test ID:
Lamp Name: LED	Lamp Catalog: LED	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/03/05

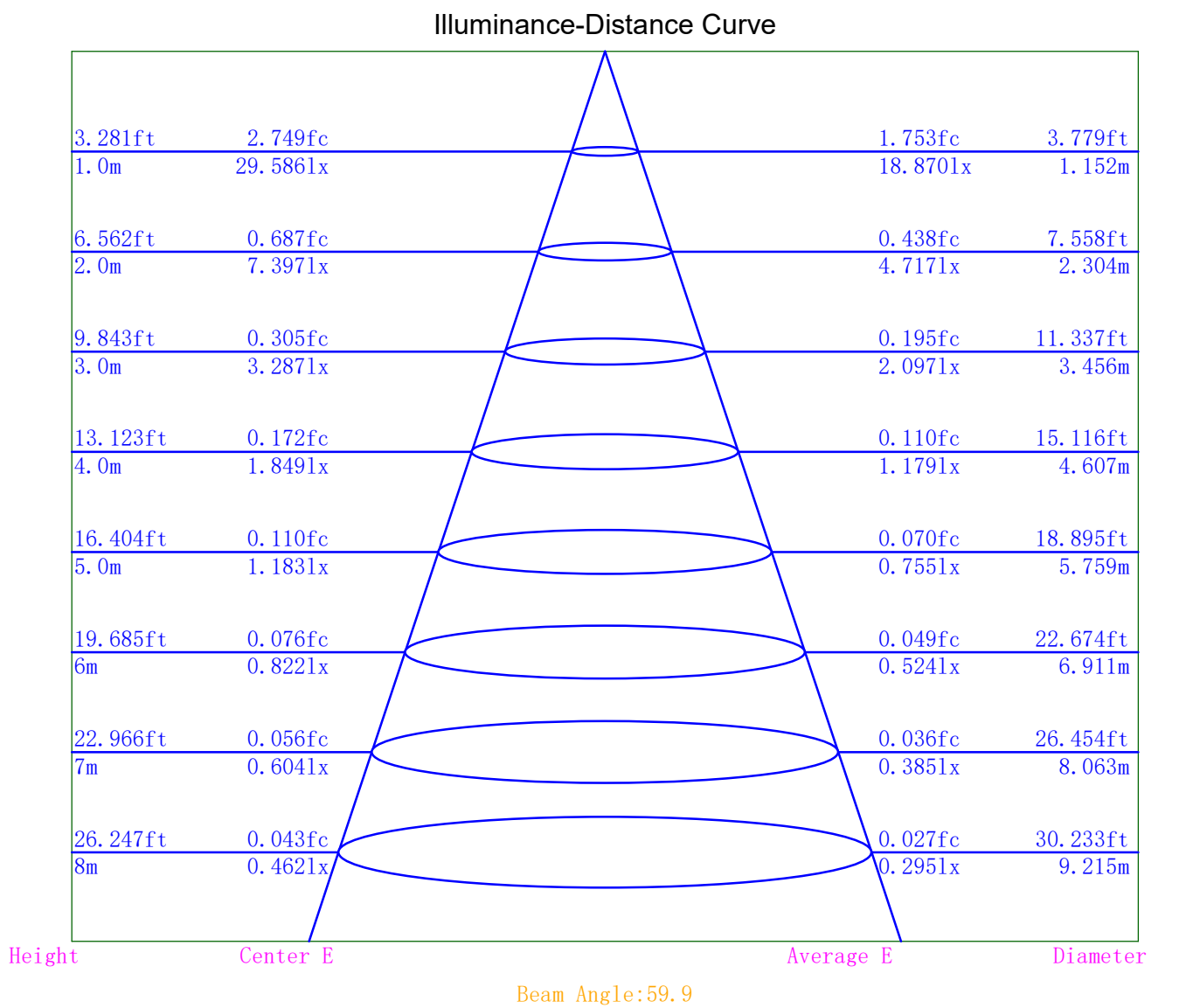
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:36.68lx,19.0deg
Plane Maximum Lighting Intensity and @Angle:43.394cd,0deg

Illuminance-Distance Diagram

Lum. Name: 太阳能壁灯 哥伦比亚004-14 2眼	Lum. Catelog:	Test ID:
Lamp Name: LED	Lamp Catelog: LED	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/03/05



Indoor Luminance Limiting Curves

Lum. Name: 太阳能壁灯 哥伦比亚004-14 2眼	Lum. Catalog:	Test ID:
Lamp Name: LED	Lamp Catalog: LED	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/03/05

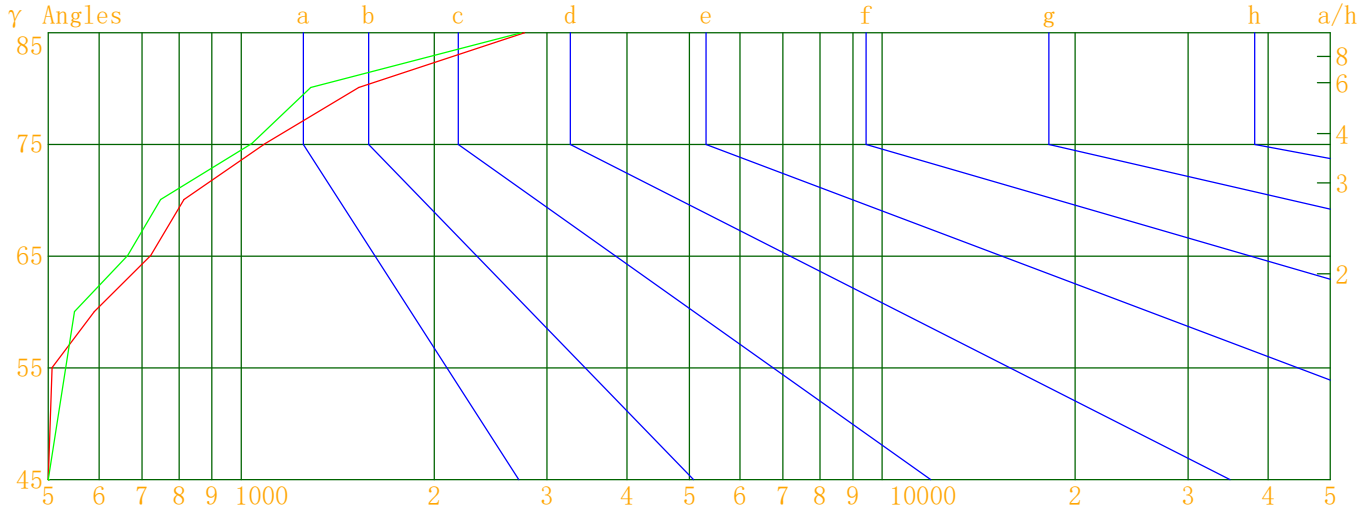
Glare Grade Table

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	382	483	507	590	723	814	1090	1526	2768
C90	377	432	461	549	665	749	1039	1284	2737

Luminance Limiting Curve



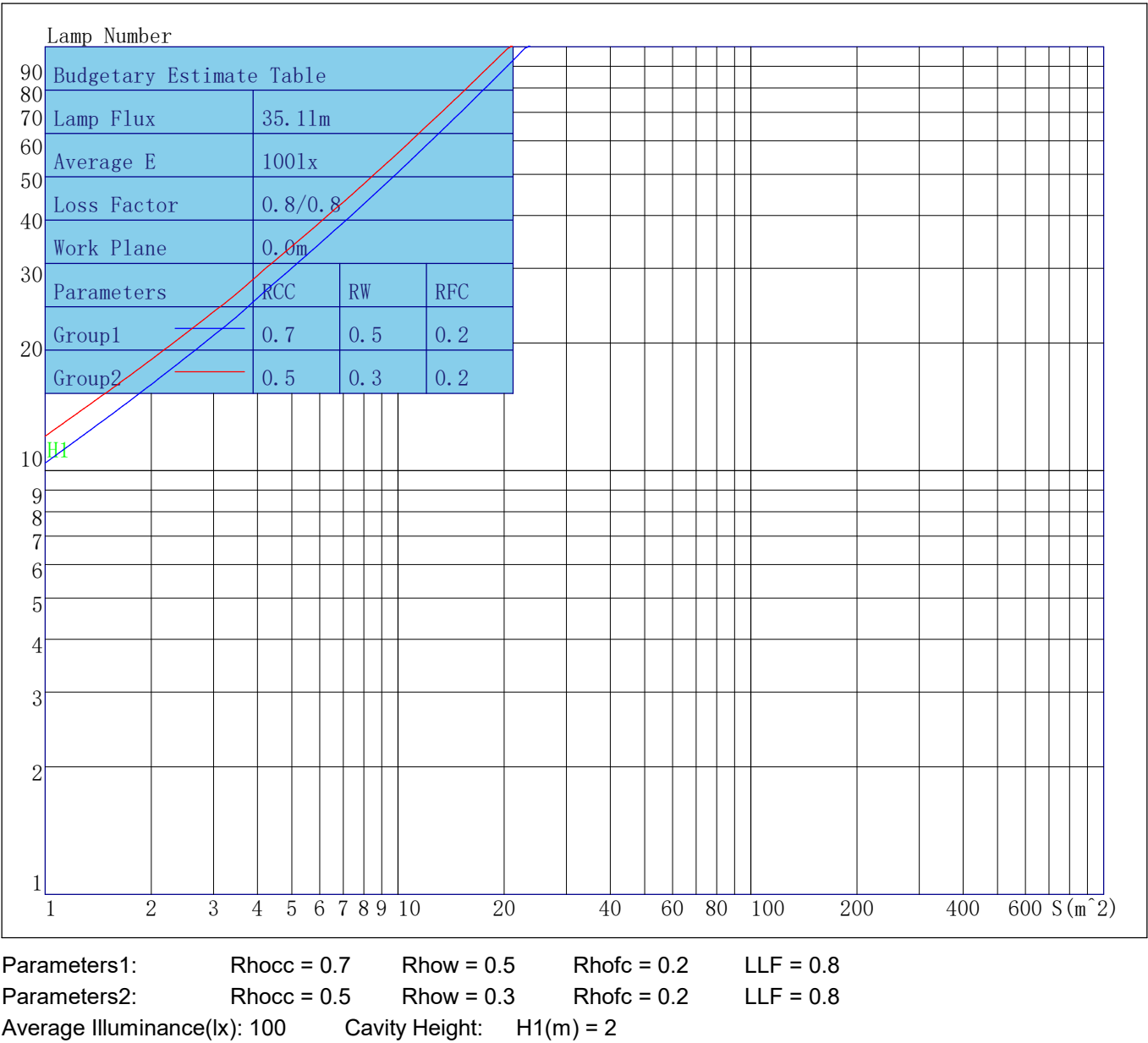
Luminous Size: Length(m)=0.080 Width(m)=0.030 Height(m)=0.000 Area(m^2)=0.002400

Luminous Type: Without Luminous Side

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

Indoor Budgetary Estimate Table

Lum. Name: 太阳能壁灯 哥伦比亚004-14 2眼	Lum. Catalog:	Test ID:
Lamp Name: LED	Lamp Catalog: LED	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/03/05



Indoor Coefficient of Utilization Table

Lum. Name: 太阳能壁灯 哥伦比亚004-14 2眼	Lum. Catalog:	Test ID:
Lamp Name: LED	Lamp Catalog: LED	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/03/05

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	112	109	106	103	109	106	104	101	102	100	98	98	97	95	95	94	92	90
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	82
3	99	92	86	82	97	91	85	81	88	83	80	85	82	78	83	80	77	75
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	68	64	61	59
7	79	69	62	57	78	68	62	57	67	61	57	66	60	57	64	60	56	55
8	75	64	58	53	74	64	58	53	63	57	53	62	56	53	61	56	52	51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45

Unified Glare Rating Table

Lum. Name: 太阳能壁灯 哥伦比亚004-14 2眼	Lum. Catalog:	Test ID:
Lamp Name: LED	Lamp Catalog: LED	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/03/05

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	10.7	11.8	11.0	12.1	12.5	3.1	4.3	3.5	4.6	4.9
	11.1	12.2	11.5	12.5	12.9	6.2	7.3	6.6	7.6	8.0
	11.6	12.6	12.0	13.0	13.4	8.1	9.0	8.5	9.4	9.8
	12.5	13.4	12.9	13.7	14.1	9.8	10.7	10.2	11.1	11.5
	13.1	13.9	13.5	14.3	14.7	10.8	11.7	11.3	12.1	12.5
	13.8	14.7	14.2	15.0	15.5	12.1	12.9	12.5	13.3	13.8
X=4H Y=2H	10.6	11.6	11.0	11.9	12.3	4.3	5.3	4.7	5.7	6.1
	11.3	12.1	11.7	12.5	13.0	7.6	8.4	8.0	8.8	9.2
	12.1	12.8	12.5	13.2	13.7	9.5	10.3	10.0	10.7	11.1
	13.2	13.9	13.7	14.4	14.8	11.4	12.1	11.9	12.5	13.0
	14.0	14.7	14.5	15.1	15.6	12.5	13.1	13.0	13.6	14.1
	15.0	15.6	15.5	16.1	16.5	13.9	14.4	14.4	14.9	15.4
X=8H Y=4H	12.4	13.0	12.8	13.4	13.9	10.3	10.9	10.8	11.4	11.9
	13.8	14.4	14.3	14.9	15.4	12.4	12.9	12.9	13.4	14.0
	14.9	15.3	15.4	15.9	16.4	13.7	14.2	14.2	14.7	15.2
	16.1	16.6	16.6	17.0	17.6	15.3	15.7	15.8	16.2	16.8
X=12H Y=4H	12.4	13.0	12.9	13.5	14.0	10.5	11.1	11.0	11.6	12.0
	14.0	14.5	14.6	15.0	15.5	12.7	13.2	13.2	13.7	14.2
	15.2	15.6	15.7	16.1	16.7	14.2	14.6	14.7	15.1	15.7
Variations with the objerver position at spacings										
S=1.0H	0.0/-0.1					0.0/-0.0				
S=1.5H	0.1/-0.1					0.1/-0.1				
S=2.0H	0.1/-0.3					0.2/-0.2				
Reduced UGR Table:										
Nordic Standard Table:	BKO					BKO				
Correction Value	3.5					6.9				

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

Candela Tabulation

V/H	C0. 0	C60. 0	C120. 0	C180. 0	C240. 0	C300. 0
γ 0. 0	29. 59	29. 59	29. 59	29. 59	29. 59	29. 59
γ 1. 0	30. 84	30. 18	29. 44	28. 41	29. 61	29. 04
γ 2. 0	30. 98	30. 47	29. 69	28. 40	29. 38	28. 90
γ 3. 0	31. 23	30. 88	30. 02	28. 44	29. 22	28. 78
γ 4. 0	31. 36	31. 37	30. 48	28. 42	29. 15	28. 70
γ 5. 0	31. 52	31. 98	31. 05	28. 54	28. 88	28. 62
γ 6. 0	31. 69	32. 98	31. 73	28. 69	28. 89	28. 51
γ 7. 0	31. 95	34. 54	32. 61	28. 87	28. 67	28. 36
γ 8. 0	32. 15	36. 31	34. 13	29. 08	28. 57	28. 39
γ 9. 0	32. 47	38. 53	36. 77	29. 26	28. 36	28. 08
γ 10. 0	32. 89	41. 44	39. 24	29. 52	28. 25	28. 01
γ 11. 0	33. 67	44. 17	41. 39	29. 92	28. 15	27. 77
γ 12. 0	34. 82	45. 75	43. 39	30. 27	28. 12	27. 68
γ 13. 0	35. 98	47. 25	44. 55	30. 76	27. 88	27. 47
γ 14. 0	36. 86	44. 33	44. 39	31. 22	27. 75	27. 31
γ 15. 0	37. 60	36. 78	40. 03	31. 63	27. 62	27. 20
γ 16. 0	39. 12	27. 09	33. 05	32. 19	27. 55	27. 10
γ 17. 0	40. 22	14. 95	24. 39	33. 22	27. 44	27. 11
γ 18. 0	41. 99	7. 16	16. 27	34. 27	27. 23	26. 99
γ 19. 0	43. 39	2. 07	8. 79	34. 60	27. 19	27. 05
γ 20. 0	41. 81	1. 21	2. 54	34. 23	27. 05	27. 16
γ 21. 0	36. 37	1. 04	1. 31	35. 38	27. 08	27. 36
γ 22. 0	30. 26	0. 98	1. 06	37. 62	27. 11	27. 59
γ 23. 0	27. 74	0. 91	0. 96	38. 18	27. 24	28. 02
γ 24. 0	31. 90	0. 85	0. 93	37. 25	27. 34	28. 53
γ 25. 0	37. 68	0. 81	0. 84	33. 47	27. 56	29. 21
γ 26. 0	29. 67	0. 82	0. 83	28. 28	27. 82	29. 89
γ 27. 0	13. 34	0. 81	0. 79	27. 06	28. 17	30. 55
γ 28. 0	4. 34	0. 74	0. 78	31. 33	28. 57	31. 28
γ 29. 0	1. 71	0. 73	0. 78	38. 87	29. 07	32. 67
γ 30. 0	1. 34	0. 72	0. 78	36. 48	29. 67	34. 29
γ 31. 0	1. 15	0. 75	0. 77	23. 06	30. 33	34. 81
γ 32. 0	1. 04	0. 77	0. 74	11. 96	31. 23	35. 32
γ 33. 0	1. 00	0. 71	0. 74	2. 30	32. 74	37. 89
γ 34. 0	0. 94	0. 71	0. 72	1. 29	34. 38	39. 83
γ 35. 0	0. 92	0. 71	0. 69	1. 12	35. 97	41. 33
γ 36. 0	0. 83	0. 71	0. 70	0. 98	38. 18	40. 52
γ 37. 0	0. 80	0. 68	0. 72	0. 94	40. 50	35. 65
γ 38. 0	0. 81	0. 71	0. 71	0. 92	43. 28	30. 52
γ 39. 0	0. 78	0. 63	0. 66	0. 87	44. 73	29. 13
γ 40. 0	0. 81	0. 66	0. 68	0. 85	44. 11	32. 85
γ 41. 0	0. 73	0. 62	0. 66	0. 83	41. 29	31. 05
γ 42. 0	0. 75	0. 64	0. 63	0. 80	36. 94	20. 48
γ 43. 0	0. 74	0. 61	0. 65	0. 74	29. 28	8. 63
γ 44. 0	0. 75	0. 62	0. 69	0. 75	19. 73	2. 66
γ 45. 0	0. 65	0. 60	0. 68	0. 74	11. 46	1. 44
γ 46. 0	0. 69	0. 66	0. 67	0. 76	5. 06	1. 28

Candela Tabulation - (Cont.)

V/H	C0. 0	C60. 0	C120. 0	C180. 0	C240. 0	C300. 0
γ 47. 0	0. 64	0. 67	0. 63	0. 73	2. 19	1. 16
γ 48. 0	0. 71	0. 64	0. 64	0. 74	1. 24	1. 06
γ 49. 0	0. 72	0. 63	0. 69	0. 70	1. 06	0. 97
γ 50. 0	0. 75	0. 64	0. 69	0. 71	0. 92	0. 89
γ 51. 0	0. 73	0. 63	0. 69	0. 75	0. 90	0. 83
γ 52. 0	0. 71	0. 64	0. 73	0. 68	0. 79	0. 81
γ 53. 0	0. 71	0. 66	0. 73	0. 68	0. 79	0. 78
γ 54. 0	0. 71	0. 64	0. 71	0. 71	0. 76	0. 78
γ 55. 0	0. 70	0. 61	0. 66	0. 69	0. 75	0. 73
γ 56. 0	0. 70	0. 62	0. 66	0. 69	0. 74	0. 67
γ 57. 0	0. 75	0. 66	0. 66	0. 68	0. 72	0. 70
γ 58. 0	0. 70	0. 63	0. 70	0. 69	0. 71	0. 67
γ 59. 0	0. 75	0. 64	0. 68	0. 67	0. 71	0. 70
γ 60. 0	0. 71	0. 65	0. 67	0. 73	0. 75	0. 68
γ 61. 0	0. 77	0. 64	0. 69	0. 73	0. 75	0. 66
γ 62. 0	0. 71	0. 68	0. 69	0. 73	0. 66	0. 66
γ 63. 0	0. 76	0. 66	0. 72	0. 75	0. 64	0. 67
γ 64. 0	0. 71	0. 64	0. 68	0. 74	0. 70	0. 65
γ 65. 0	0. 73	0. 65	0. 70	0. 75	0. 69	0. 61
γ 66. 0	0. 70	0. 60	0. 67	0. 75	0. 62	0. 63
γ 67. 0	0. 68	0. 61	0. 69	0. 70	0. 60	0. 62
γ 68. 0	0. 67	0. 61	0. 68	0. 74	0. 66	0. 60
γ 69. 0	0. 69	0. 60	0. 64	0. 71	0. 62	0. 61
γ 70. 0	0. 67	0. 58	0. 64	0. 71	0. 61	0. 63
γ 71. 0	0. 69	0. 60	0. 67	0. 70	0. 63	0. 60
γ 72. 0	0. 68	0. 63	0. 66	0. 68	0. 64	0. 64
γ 73. 0	0. 73	0. 57	0. 63	0. 68	0. 66	0. 63
γ 74. 0	0. 65	0. 61	0. 67	0. 68	0. 63	0. 65
γ 75. 0	0. 68	0. 62	0. 68	0. 65	0. 64	0. 62
γ 76. 0	0. 67	0. 64	0. 66	0. 64	0. 65	0. 63
γ 77. 0	0. 66	0. 58	0. 67	0. 67	0. 62	0. 62
γ 78. 0	0. 68	0. 58	0. 61	0. 63	0. 59	0. 60
γ 79. 0	0. 62	0. 57	0. 55	0. 67	0. 57	0. 56
γ 80. 0	0. 64	0. 53	0. 54	0. 64	0. 55	0. 58
γ 81. 0	0. 64	0. 56	0. 56	0. 66	0. 57	0. 57
γ 82. 0	0. 63	0. 55	0. 56	0. 63	0. 58	0. 58
γ 83. 0	0. 59	0. 60	0. 62	0. 61	0. 56	0. 54
γ 84. 0	0. 62	0. 55	0. 60	0. 62	0. 58	0. 57
γ 85. 0	0. 58	0. 54	0. 60	0. 65	0. 57	0. 59
γ 86. 0	0. 58	0. 56	0. 64	0. 63	0. 60	0. 59
γ 87. 0	0. 56	0. 58	0. 62	0. 62	0. 55	0. 60
γ 88. 0	0. 62	0. 55	0. 59	0. 60	0. 56	0. 56
γ 89. 0	0. 61	0. 54	0. 59	0. 60	0. 53	0. 56
γ 90. 0	0. 57	0. 57	0. 58	0. 59	0. 53	0. 54