

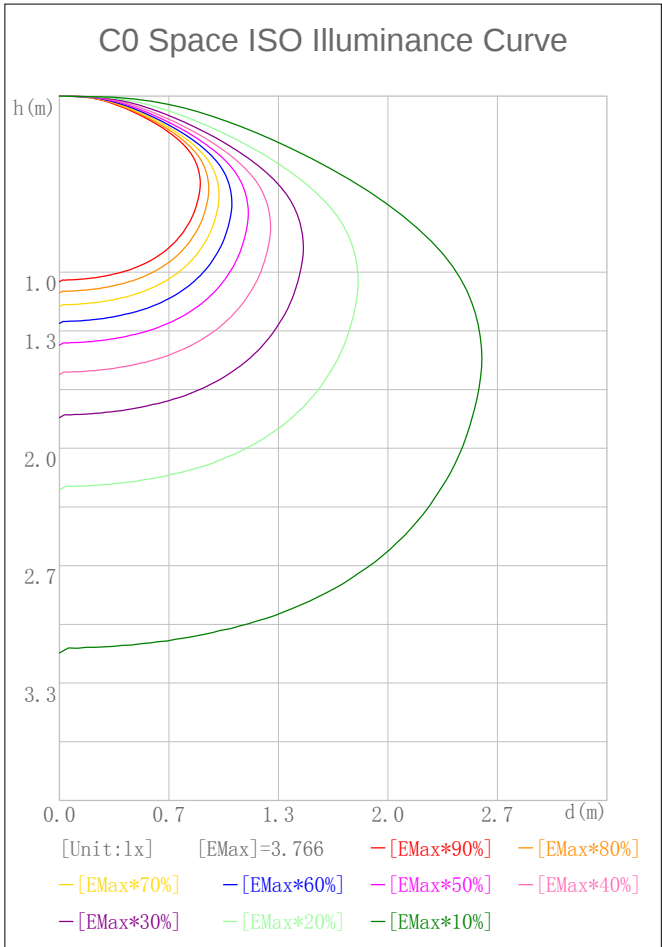
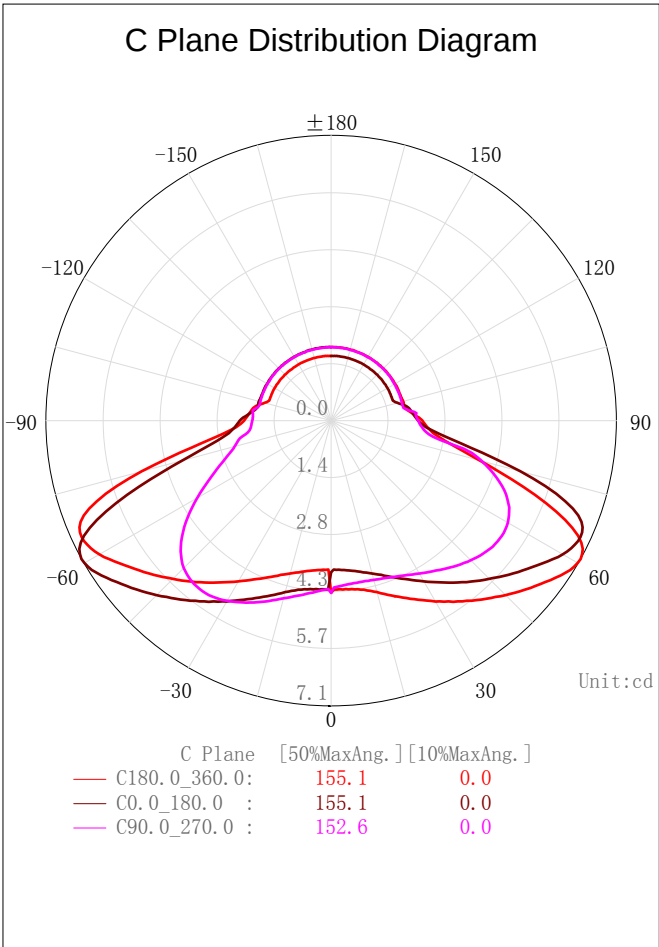
Road Luminaire Photometric Data

Description Information

Luminary Name: M-SYMC0-65		Lum. Catalog: LED-Modules	Test ID:
Lamp Name: 2835		Lamp Catalog: Back	Test Date: 2023/07/22
Manufacture: Principal		Shld. Ang(°):	Test Machine:GON-2000
Test Lab: Test		Frequency (Hz):	Lamp CCT (K): Ra:
Lum. Size (W*L*H):0.009m*0.026m*0.009m		Lum. Area (m2):0.000	Lum. W (kg): 0.010
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

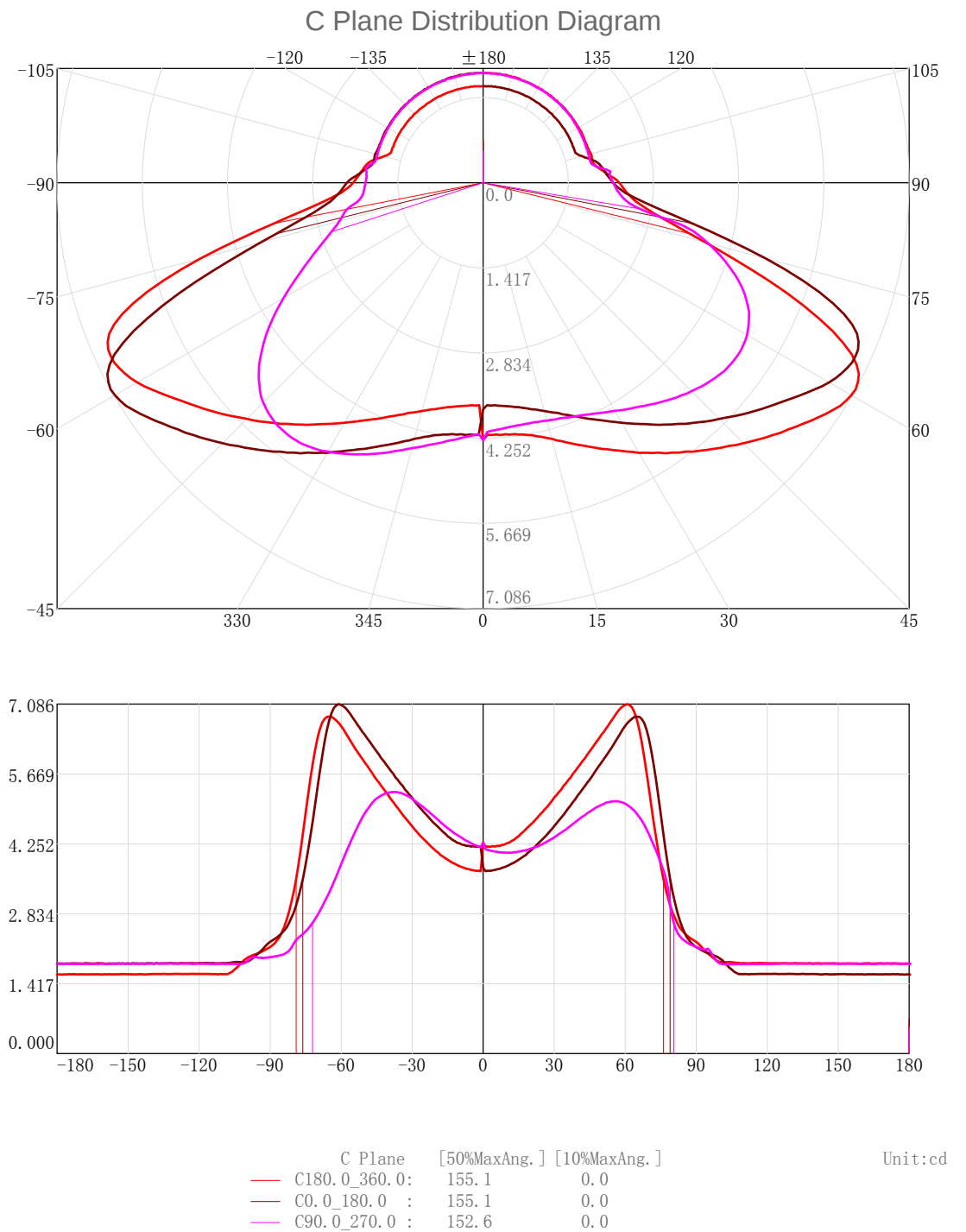
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 37.640	Luminary Flux(lm): 37.638	Down Lumens&Percent: 26.438lm 70.24%	
Rated Power(W):	Luminary Efficiency: 100.00%	Up Lumens&Percent: 11.201lm 29.76%	
Rated Voltage(V):	Luminary EER(lm/W): 162.936	76° Flash Area(m2):	
Tested Power(W): 0.231	Max. Candela(cd): 7.086	SLI: 0.000	
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=61.0	IES Classification: Type IV	
Tested Electrics (V, A, pf):24.1, 0.009, 1.000	Half Peak Angle(°): L=-79.0, R=76.2	Longitudinal Classfct: Short	
Lamp Size(W*L*H):0.009m*0.026m*0.009m	Field Angle(10%Imax): 360.0(°)	Cutoff Classification: Noncutoff	



2D Plane Light Intensity Distribution Curve

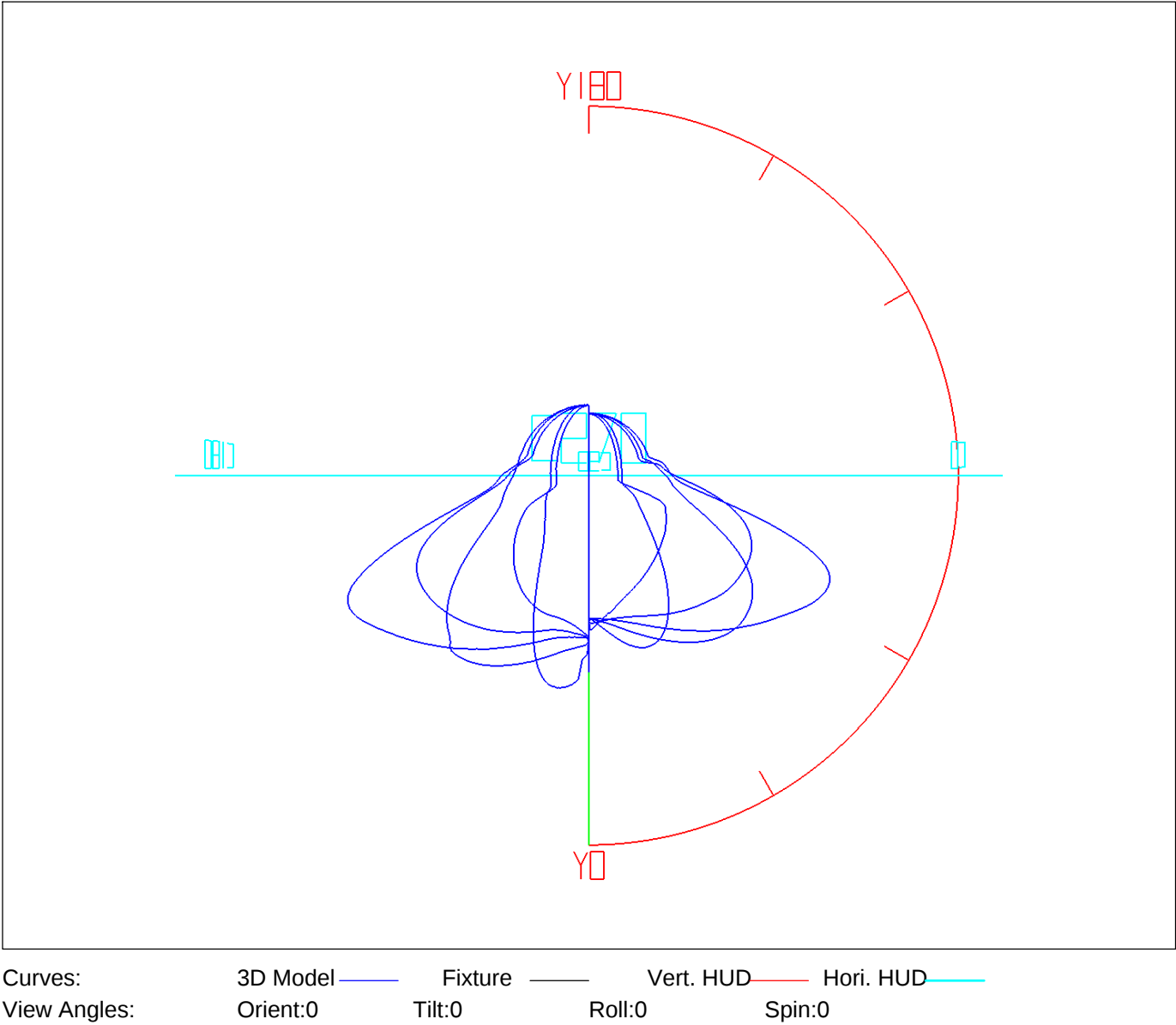
Lum. Name: M-SYMC0-65	Lum. Catalog: LED-Modules	Test ID:
Lamp Name: 2835	Lamp Catalog: Back	Test Lab: Test
Manufacture: Principal	Test Machine:GON-2000	Test Date: 2023/07/22



3D Light Intensity Distribution Modal

Lum. Name: M-SYMC0-65	Lum. Catelog: LED-Modules	Test ID:
Lamp Name: 2835	Lamp Catelog: Back	Test Lab: Test
Manufacture: Principal	Test Machine:GON-2000	Test Date: 2023/07/22

3D Light Intensity Distribution Modal



Zonal Flux Tabulation

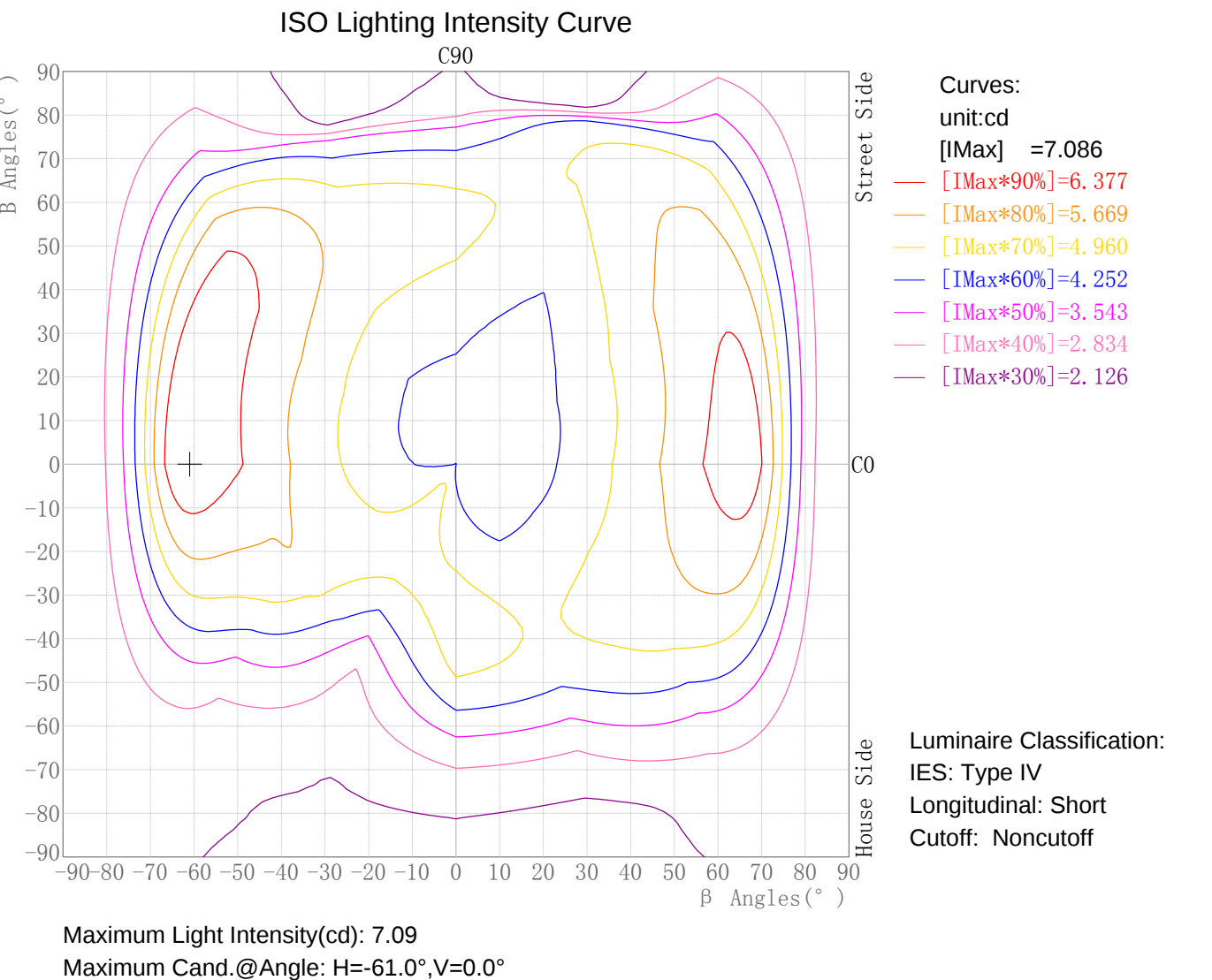
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.00	0.00	0.01	0.01	47.0-48.0	0.41	9.89	1.10	26.28
1.0-2.0	0.01	0.02	0.03	0.04	48.0-49.0	0.42	10.31	1.12	27.40
2.0-3.0	0.02	0.04	0.05	0.09	49.0-50.0	0.43	10.74	1.14	28.53
3.0-4.0	0.03	0.06	0.07	0.17	50.0-51.0	0.43	11.17	1.15	29.68
4.0-5.0	0.04	0.10	0.09	0.26	51.0-52.0	0.44	11.61	1.17	30.85
5.0-6.0	0.04	0.14	0.11	0.37	52.0-53.0	0.45	12.06	1.18	32.04
6.0-7.0	0.05	0.19	0.14	0.51	53.0-54.0	0.45	12.51	1.20	33.24
7.0-8.0	0.06	0.25	0.16	0.67	54.0-55.0	0.46	12.97	1.21	34.45
8.0-9.0	0.07	0.32	0.18	0.85	55.0-56.0	0.46	13.43	1.22	35.67
9.0-10.0	0.08	0.39	0.20	1.05	56.0-57.0	0.47	13.89	1.24	36.91
10.0-11.0	0.08	0.48	0.22	1.27	57.0-58.0	0.47	14.36	1.25	38.16
11.0-12.0	0.09	0.57	0.24	1.51	58.0-59.0	0.47	14.83	1.26	39.41
12.0-13.0	0.10	0.67	0.27	1.78	59.0-60.0	0.48	15.31	1.26	40.67
13.0-14.0	0.11	0.78	0.29	2.07	60.0-61.0	0.48	15.79	1.27	41.94
14.0-15.0	0.12	0.90	0.31	2.38	61.0-62.0	0.48	16.26	1.27	43.21
15.0-16.0	0.13	1.02	0.33	2.71	62.0-63.0	0.48	16.74	1.27	44.48
16.0-17.0	0.13	1.16	0.36	3.07	63.0-64.0	0.48	17.22	1.27	45.75
17.0-18.0	0.14	1.30	0.38	3.45	64.0-65.0	0.48	17.70	1.27	47.02
18.0-19.0	0.15	1.45	0.40	3.85	65.0-66.0	0.47	18.17	1.26	48.28
19.0-20.0	0.16	1.61	0.43	4.28	66.0-67.0	0.47	18.64	1.25	49.53
20.0-21.0	0.17	1.78	0.45	4.73	67.0-68.0	0.46	19.11	1.24	50.76
21.0-22.0	0.18	1.96	0.48	5.21	68.0-69.0	0.46	19.57	1.22	51.98
22.0-23.0	0.19	2.15	0.50	5.71	69.0-70.0	0.45	20.02	1.20	53.18
23.0-24.0	0.20	2.35	0.53	6.24	70.0-71.0	0.44	20.46	1.17	54.35
24.0-25.0	0.21	2.55	0.55	6.79	71.0-72.0	0.43	20.89	1.15	55.50
25.0-26.0	0.22	2.77	0.58	7.36	72.0-73.0	0.42	21.31	1.12	56.62
26.0-27.0	0.23	3.00	0.60	7.96	73.0-74.0	0.41	21.72	1.09	57.70
27.0-28.0	0.24	3.23	0.63	8.59	74.0-75.0	0.40	22.12	1.05	58.76
28.0-29.0	0.25	3.48	0.65	9.24	75.0-76.0	0.38	22.50	1.02	59.78
29.0-30.0	0.25	3.73	0.68	9.91	76.0-77.0	0.37	22.87	0.98	60.76
30.0-31.0	0.26	4.00	0.70	10.62	77.0-78.0	0.35	23.23	0.94	61.71
31.0-32.0	0.27	4.27	0.73	11.34	78.0-79.0	0.34	23.56	0.90	62.60
32.0-33.0	0.28	4.55	0.75	12.10	79.0-80.0	0.32	23.88	0.85	63.45
33.0-34.0	0.29	4.85	0.78	12.87	80.0-81.0	0.30	24.19	0.80	64.26
34.0-35.0	0.30	5.15	0.80	13.68	81.0-82.0	0.28	24.47	0.76	65.02
35.0-36.0	0.31	5.46	0.83	14.51	82.0-83.0	0.27	24.74	0.72	65.73
36.0-37.0	0.32	5.78	0.85	15.36	83.0-84.0	0.26	25.00	0.69	66.42
37.0-38.0	0.33	6.11	0.88	16.24	84.0-85.0	0.25	25.25	0.67	67.08
38.0-39.0	0.34	6.45	0.90	17.14	85.0-86.0	0.25	25.50	0.65	67.74
39.0-40.0	0.35	6.80	0.93	18.07	86.0-87.0	0.24	25.74	0.64	68.38
40.0-41.0	0.36	7.16	0.95	19.02	87.0-88.0	0.24	25.97	0.63	69.01
41.0-42.0	0.37	7.52	0.97	19.99	88.0-89.0	0.23	26.21	0.62	69.63
42.0-43.0	0.37	7.90	1.00	20.99	89.0-90.0	0.23	26.44	0.61	70.24
43.0-44.0	0.38	8.28	1.02	22.00	90.0-91.0	0.23	26.66	0.60	70.84
44.0-45.0	0.39	8.67	1.04	23.04	91.0-92.0	0.22	26.89	0.60	71.44
45.0-46.0	0.40	9.07	1.06	24.10	92.0-93.0	0.22	27.11	0.59	72.03
46.0-47.0	0.41	9.48	1.08	25.18	93.0-94.0	0.22	27.33	0.58	72.61

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	0.22	27.55	0.58	73.19	141.0-142.0	0.12	35.33	0.31	93.85
95.0-96.0	0.22	27.76	0.57	73.76	142.0-143.0	0.12	35.44	0.31	94.16
96.0-97.0	0.21	27.98	0.56	74.32	143.0-144.0	0.11	35.56	0.30	94.46
97.0-98.0	0.21	28.18	0.56	74.88	144.0-145.0	0.11	35.67	0.29	94.76
98.0-99.0	0.21	28.39	0.55	75.42	145.0-146.0	0.11	35.77	0.29	95.04
99.0-100.0	0.20	28.59	0.54	75.96	146.0-147.0	0.11	35.88	0.28	95.32
100.0-101.0	0.20	28.79	0.53	76.49	147.0-148.0	0.10	35.98	0.27	95.59
101.0-102.0	0.19	28.98	0.52	77.00	148.0-149.0	0.10	36.08	0.26	95.86
102.0-103.0	0.19	29.18	0.51	77.51	149.0-150.0	0.10	36.18	0.26	96.12
103.0-104.0	0.19	29.36	0.50	78.01	150.0-151.0	0.09	36.27	0.25	96.36
104.0-105.0	0.19	29.55	0.50	78.51	151.0-152.0	0.09	36.36	0.24	96.61
105.0-106.0	0.18	29.74	0.49	79.00	152.0-153.0	0.09	36.45	0.23	96.84
106.0-107.0	0.18	29.92	0.49	79.49	153.0-154.0	0.08	36.54	0.23	97.06
107.0-108.0	0.18	30.10	0.48	79.97	154.0-155.0	0.08	36.62	0.22	97.28
108.0-109.0	0.18	30.28	0.48	80.45	155.0-156.0	0.08	36.70	0.21	97.49
109.0-110.0	0.18	30.46	0.48	80.93	156.0-157.0	0.08	36.77	0.20	97.69
110.0-111.0	0.18	30.64	0.47	81.40	157.0-158.0	0.07	36.84	0.19	97.89
111.0-112.0	0.18	30.82	0.47	81.87	158.0-159.0	0.07	36.91	0.19	98.07
112.0-113.0	0.18	30.99	0.47	82.34	159.0-160.0	0.07	36.98	0.18	98.25
113.0-114.0	0.17	31.17	0.46	82.80	160.0-161.0	0.06	37.04	0.17	98.42
114.0-115.0	0.17	31.34	0.46	83.26	161.0-162.0	0.06	37.10	0.16	98.58
115.0-116.0	0.17	31.51	0.46	83.72	162.0-163.0	0.06	37.16	0.15	98.73
116.0-117.0	0.17	31.68	0.45	84.17	163.0-164.0	0.05	37.22	0.14	98.87
117.0-118.0	0.17	31.85	0.45	84.62	164.0-165.0	0.05	37.27	0.13	99.01
118.0-119.0	0.17	32.02	0.44	85.06	165.0-166.0	0.05	37.31	0.13	99.13
119.0-120.0	0.17	32.18	0.44	85.50	166.0-167.0	0.04	37.36	0.12	99.25
120.0-121.0	0.16	32.35	0.44	85.94	167.0-168.0	0.04	37.40	0.11	99.36
121.0-122.0	0.16	32.51	0.43	86.37	168.0-169.0	0.04	37.44	0.10	99.46
122.0-123.0	0.16	32.67	0.43	86.80	169.0-170.0	0.03	37.47	0.09	99.56
123.0-124.0	0.16	32.83	0.42	87.22	170.0-171.0	0.03	37.50	0.08	99.64
124.0-125.0	0.16	32.99	0.42	87.64	171.0-172.0	0.03	37.53	0.07	99.71
125.0-126.0	0.16	33.14	0.41	88.05	172.0-173.0	0.02	37.56	0.07	99.78
126.0-127.0	0.15	33.29	0.41	88.46	173.0-174.0	0.02	37.58	0.06	99.84
127.0-128.0	0.15	33.45	0.40	88.86	174.0-175.0	0.02	37.60	0.05	99.89
128.0-129.0	0.15	33.60	0.40	89.25	175.0-176.0	0.01	37.61	0.04	99.92
129.0-130.0	0.15	33.74	0.39	89.64	176.0-177.0	0.01	37.62	0.03	99.96
130.0-131.0	0.14	33.89	0.38	90.03	177.0-178.0	0.01	37.63	0.02	99.98
131.0-132.0	0.14	34.03	0.38	90.41	178.0-179.0	0.00	37.64	0.01	99.99
132.0-133.0	0.14	34.17	0.37	90.78	179.0-180.0	0.00	37.64	0.00	100.00
133.0-134.0	0.14	34.31	0.37	91.15					
134.0-135.0	0.14	34.44	0.36	91.51					
135.0-136.0	0.13	34.58	0.35	91.86					
136.0-137.0	0.13	34.71	0.35	92.21					
137.0-138.0	0.13	34.84	0.34	92.55					
138.0-139.0	0.13	34.96	0.34	92.89					
139.0-140.0	0.12	35.09	0.33	93.22					
140.0-141.0	0.12	35.21	0.32	93.54					

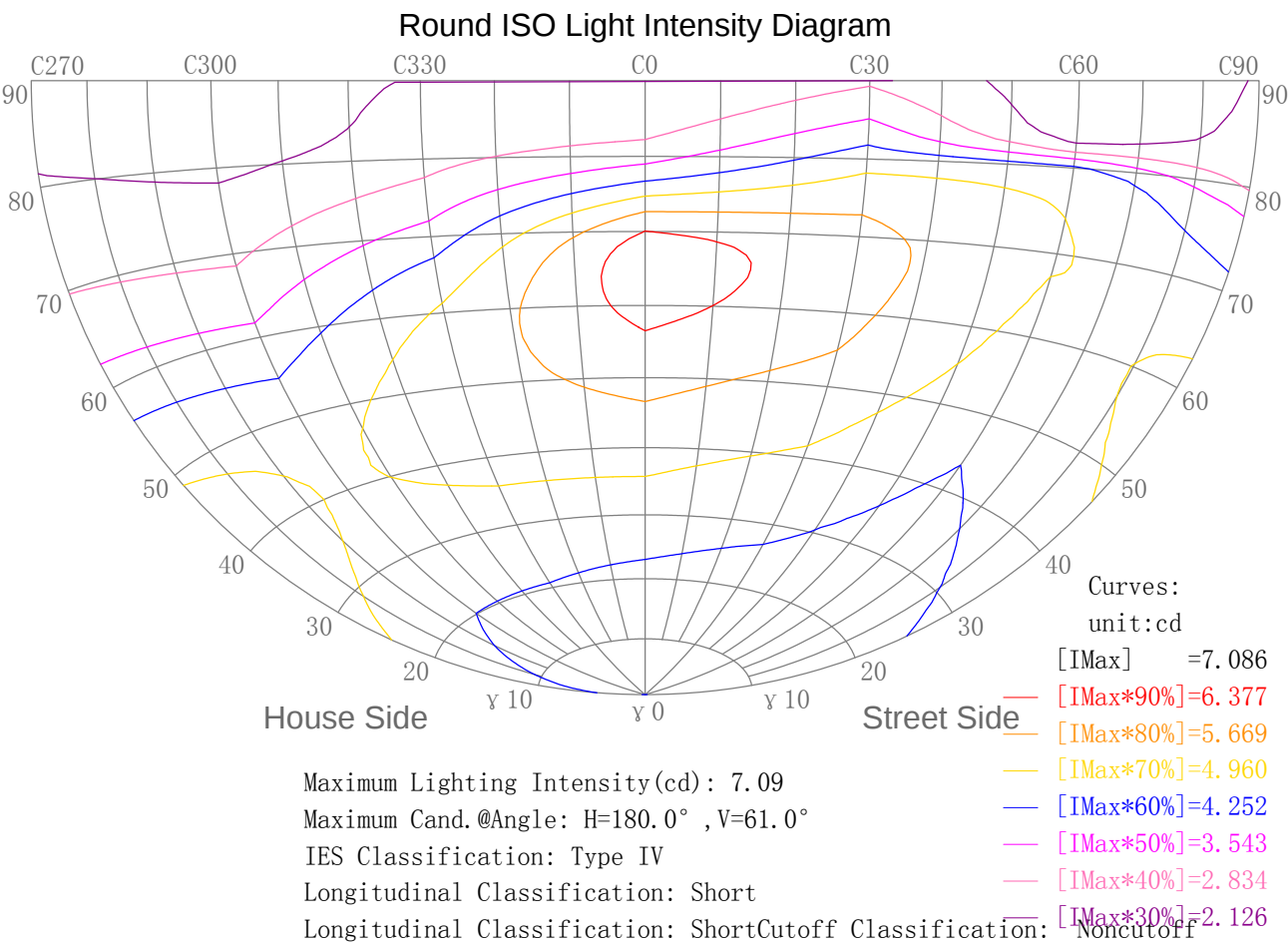
Rectangle ISO Lighting Intensity Diagram

Lum. Name: M-SYMC0-65	Lum. Catalog: LED-Modules	Test ID:
Lamp Name: 2835	Lamp Catalog: Back	Test Lab: Test
Manufacture: Principal	Test Machine:GON-2000	Test Date: 2023/07/22



Round ISO Lighting Intensity Diagram

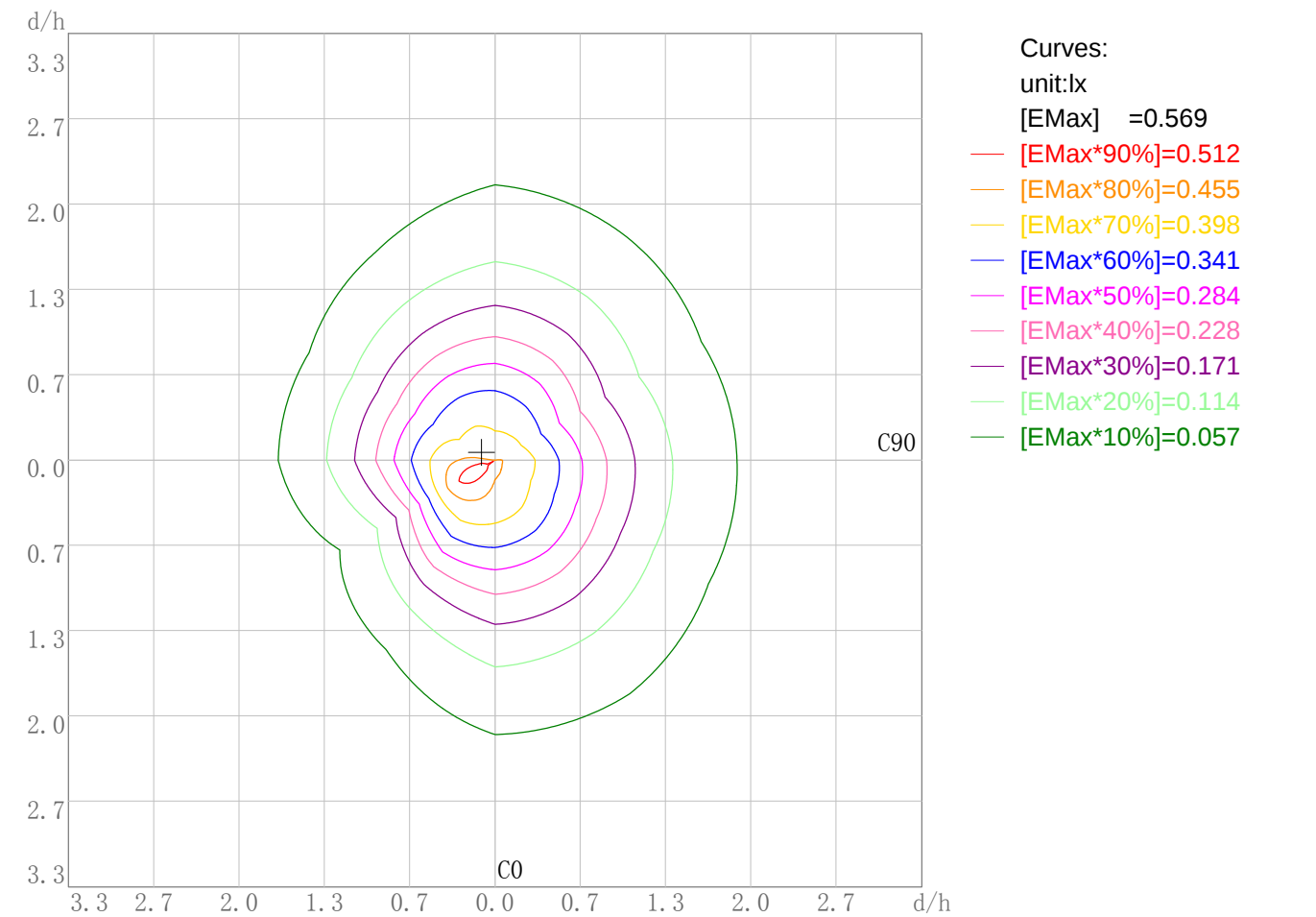
Lum. Name: M-SYMC0-65	Lum. Catelog: LED-Modules	Test ID:
Lamp Name: 2835	Lamp Catelog: Back	Test Lab: Test
Manufacture: Principal	Test Machine:GON-2000	Test Date: 2023/07/22



Plane ISO-Illuminance Diagram

Lum. Name: M-SYMC0-65	Lum. Catalog: LED-Modules	Test ID:
Lamp Name: 2835	Lamp Catalog: Back	Test Lab: Test
Manufacture: Principal	Test Machine:GON-2000	Test Date: 2023/07/22

Plane ISO-Illuminance Curve



House Side

Street Side

Working Plane Luminaire Mounting Height(m): 3.00

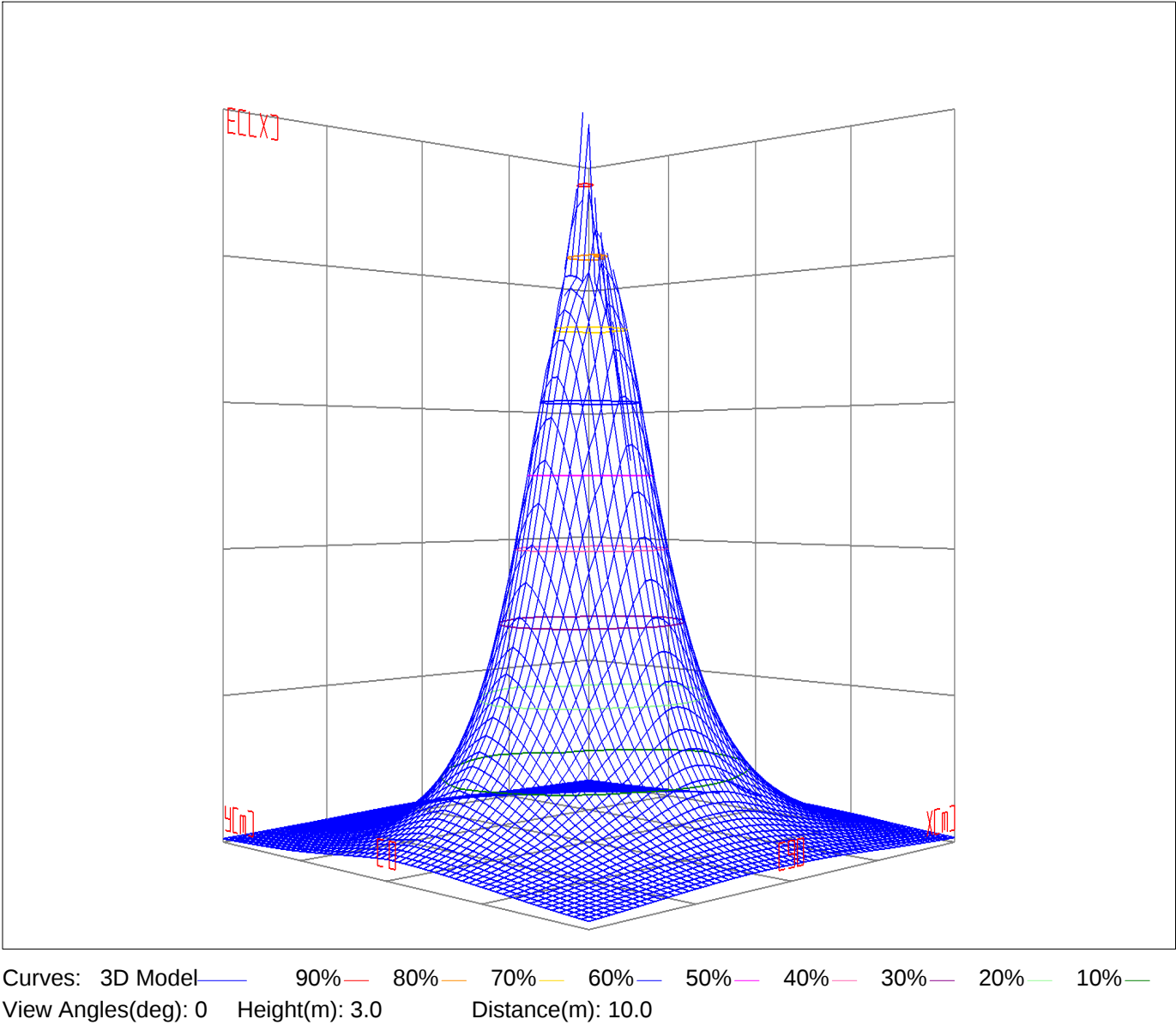
Working Plane Maximum Illuminance(lx): 0.57

Working Plane Maximum Illuminance Position(d/h):H-0.1 V-0.1

3D Plane ISO Illuminance Diagram

Lum. Name: M-SYMC0-65	Lum. Catelog: LED-Modules	Test ID:
Lamp Name: 2835	Lamp Catelog: Back	Test Lab: Test
Manufacture: Principal	Test Machine:GON-2000	Test Date: 2023/07/22

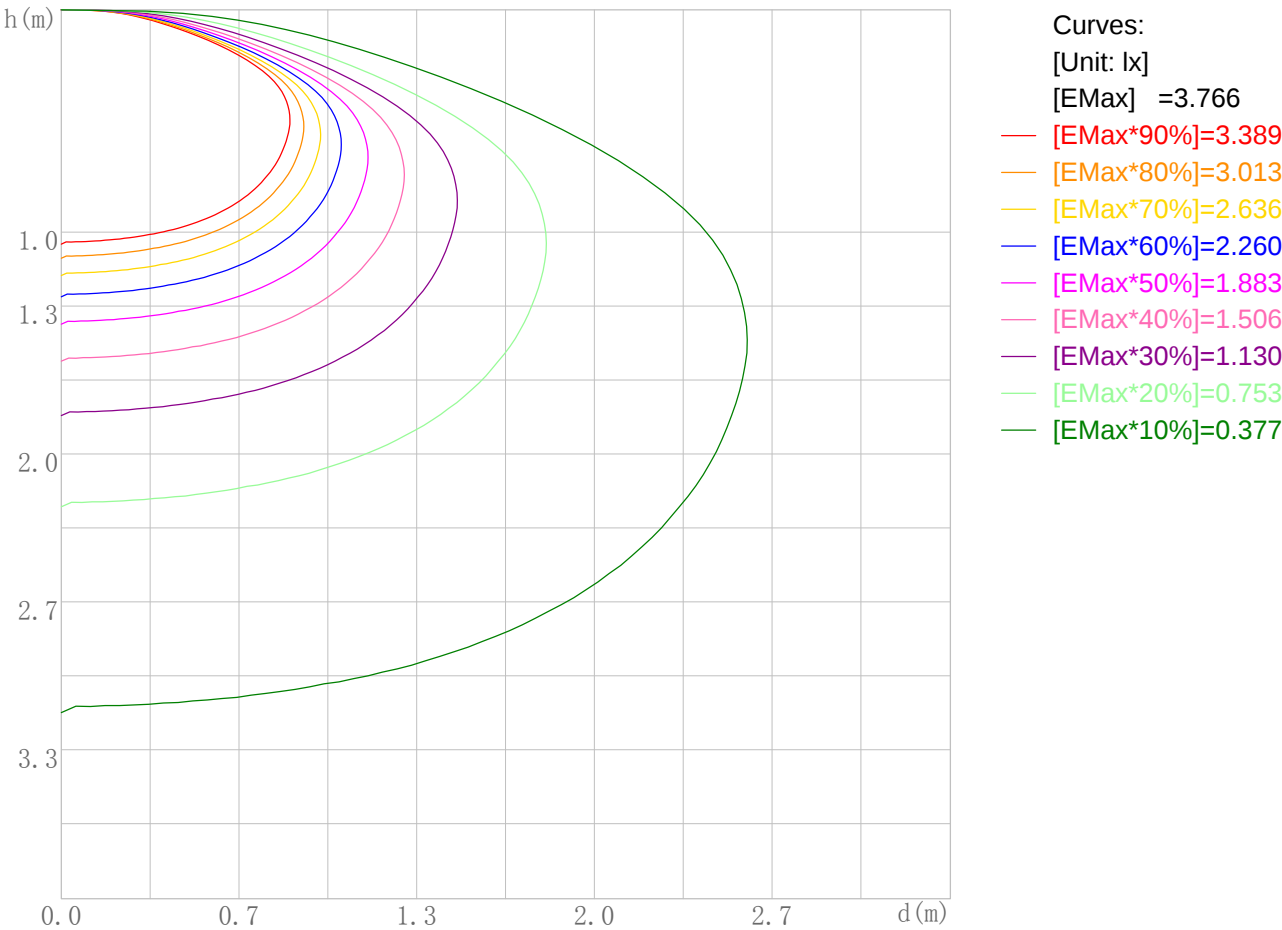
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

Lum. Name: M-SYMC0-65	Lum. Catalog: LED-Modules	Test ID:
Lamp Name: 2835	Lamp Catalog: Back	Test Lab: Test
Manufacture: Principal	Test Machine:GON-2000	Test Date: 2023/07/22

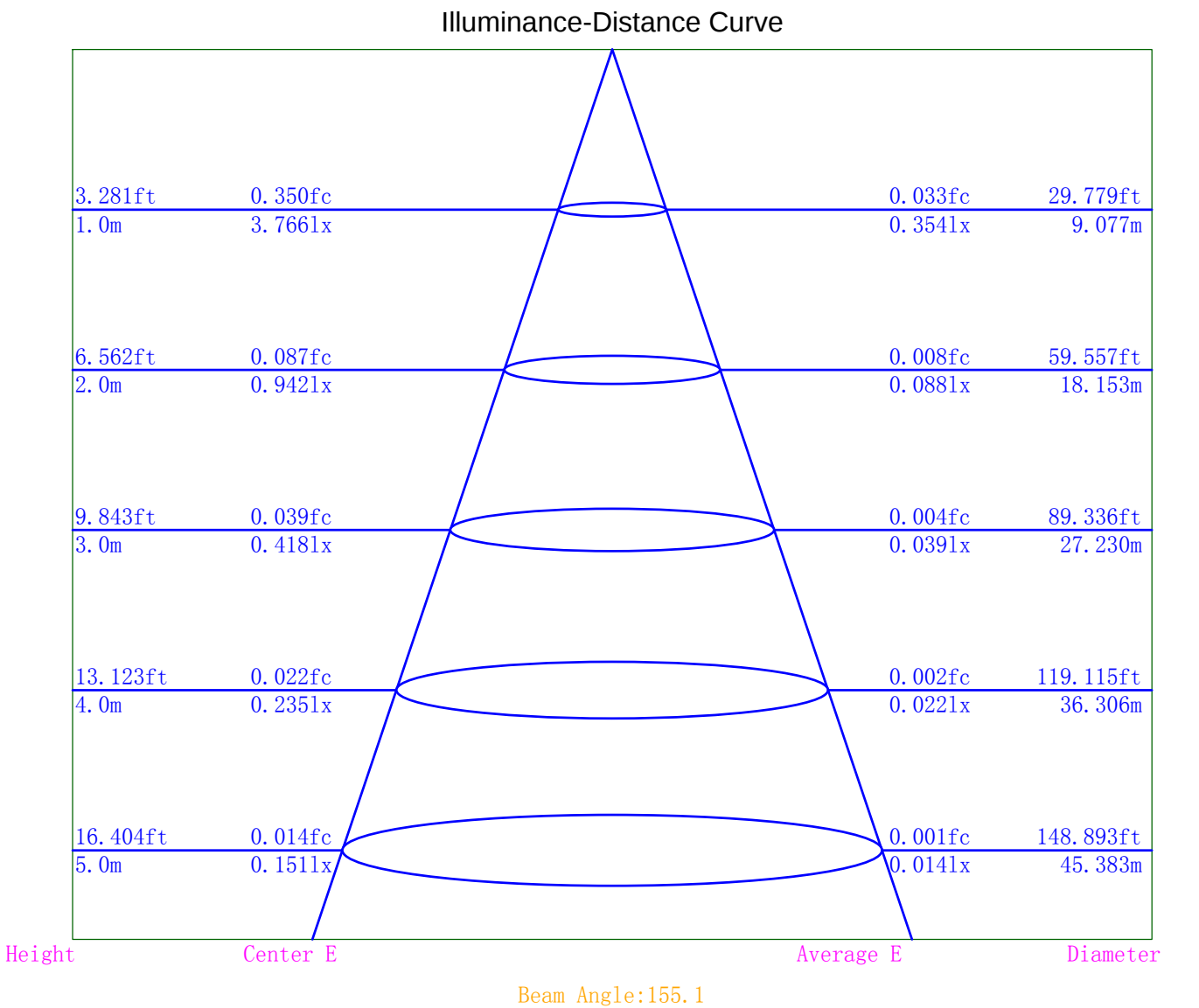
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:3.77lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:6.832cd,0deg

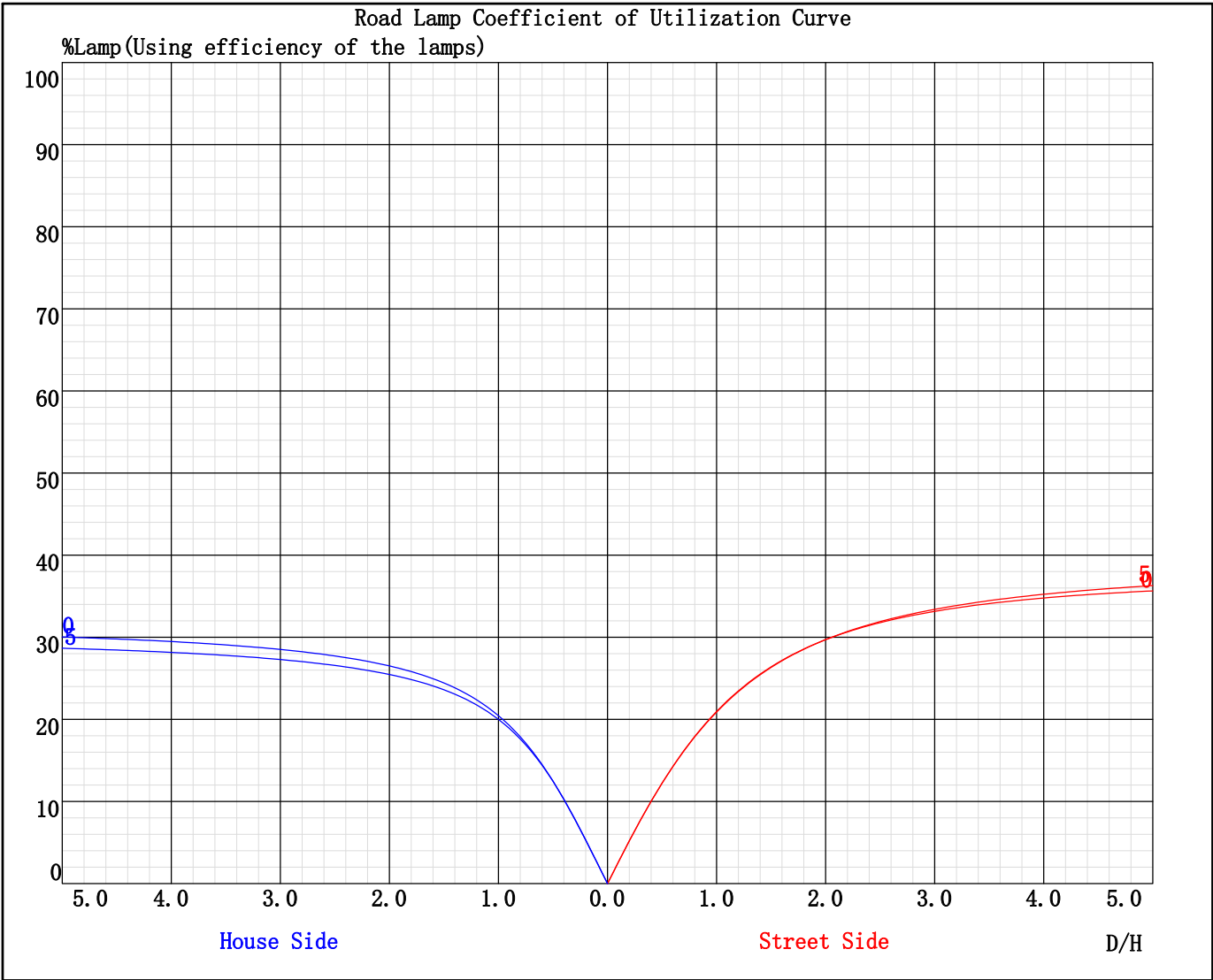
Illuminance-Distance Diagram

Lum. Name: M-SYMC0-65	Lum. Catelog: LED-Modules	Test ID:
Lamp Name: 2835	Lamp Catelog: Back	Test Lab: Test
Manufacture: Principal	Test Machine:GON-2000	Test Date: 2023/07/22



Road Coefficient of Utilization Curves

Lum. Name: M-SYMC0-65	Lum. Catelog: LED-Modules	Test ID:
Lamp Name: 2835	Lamp Catelog: Back	Test Lab: Test
Manufacture: Principal	Test Machine:GON-2000	Test Date: 2023/07/22



Tilt Angles: Ang1(deg): 0 Ang2(deg): 5

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

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

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	2. 06	2. 40	1. 60	2. 11	1. 82	2. 38	2. 08	2. 09	1. 84	1. 95	1. 60	2. 03
Y 95. 0	2. 04	2. 35	1. 60	2. 13	1. 83	2. 33	2. 03	2. 08	1. 83	1. 95	1. 60	2. 00
Y 96. 0	2. 02	2. 31	1. 60	2. 07	1. 84	2. 28	1. 99	2. 07	1. 83	1. 96	1. 60	1. 97
Y 97. 0	2. 00	2. 27	1. 60	1. 99	1. 84	2. 23	1. 95	2. 04	1. 83	1. 96	1. 60	1. 94
Y 98. 0	1. 98	2. 20	1. 60	1. 91	1. 83	2. 18	1. 91	2. 02	1. 83	1. 94	1. 60	1. 91
Y 99. 0	1. 96	2. 10	1. 60	1. 86	1. 82	2. 12	1. 88	2. 00	1. 83	1. 90	1. 60	1. 88
Y 100. 0	1. 93	1. 98	1. 60	1. 83	1. 81	2. 07	1. 86	1. 97	1. 84	1. 86	1. 60	1. 84
Y 101. 0	1. 90	1. 86	1. 60	1. 82	1. 82	2. 02	1. 85	1. 94	1. 83	1. 83	1. 60	1. 81
Y 102. 0	1. 84	1. 76	1. 60	1. 82	1. 82	1. 97	1. 86	1. 91	1. 84	1. 82	1. 60	1. 77
Y 103. 0	1. 80	1. 70	1. 60	1. 82	1. 81	1. 94	1. 85	1. 88	1. 83	1. 81	1. 60	1. 72
Y 104. 0	1. 74	1. 66	1. 60	1. 82	1. 81	1. 90	1. 86	1. 87	1. 84	1. 82	1. 61	1. 66
Y 105. 0	1. 71	1. 63	1. 60	1. 82	1. 81	1. 88	1. 86	1. 85	1. 83	1. 82	1. 60	1. 63
Y 106. 0	1. 66	1. 61	1. 60	1. 81	1. 81	1. 85	1. 85	1. 84	1. 84	1. 82	1. 60	1. 62
Y 107. 0	1. 64	1. 61	1. 60	1. 82	1. 82	1. 84	1. 84	1. 83	1. 83	1. 82	1. 60	1. 62
Y 108. 0	1. 61	1. 60	1. 60	1. 81	1. 81	1. 83	1. 84	1. 83	1. 84	1. 82	1. 60	1. 62
Y 109. 0	1. 61	1. 61	1. 60	1. 81	1. 82	1. 83	1. 83	1. 83	1. 83	1. 82	1. 61	1. 61
Y 110. 0	1. 61	1. 61	1. 60	1. 82	1. 82	1. 83	1. 84	1. 84	1. 84	1. 82	1. 61	1. 61
Y 111. 0	1. 62	1. 61	1. 60	1. 81	1. 82	1. 83	1. 83	1. 84	1. 83	1. 82	1. 61	1. 61
Y 112. 0	1. 61	1. 61	1. 60	1. 82	1. 82	1. 83	1. 83	1. 84	1. 83	1. 82	1. 60	1. 62
Y 113. 0	1. 61	1. 61	1. 60	1. 82	1. 82	1. 83	1. 83	1. 84	1. 83	1. 82	1. 61	1. 62
Y 114. 0	1. 61	1. 61	1. 60	1. 82	1. 82	1. 83	1. 84	1. 84	1. 84	1. 82	1. 61	1. 62
Y 115. 0	1. 61	1. 61	1. 60	1. 81	1. 82	1. 83	1. 83	1. 84	1. 83	1. 82	1. 60	1. 62
Y 116. 0	1. 62	1. 61	1. 60	1. 82	1. 81	1. 83	1. 84	1. 84	1. 83	1. 82	1. 60	1. 62
Y 117. 0	1. 62	1. 61	1. 60	1. 82	1. 82	1. 83	1. 84	1. 84	1. 83	1. 82	1. 60	1. 62
Y 118. 0	1. 62	1. 61	1. 60	1. 82	1. 82	1. 83	1. 84	1. 84	1. 84	1. 83	1. 61	1. 62
Y 119. 0	1. 62	1. 61	1. 60	1. 82	1. 82	1. 83	1. 84	1. 84	1. 83	1. 82	1. 61	1. 62
Y 120. 0	1. 62	1. 61	1. 60	1. 82	1. 82	1. 83	1. 83	1. 84	1. 83	1. 82	1. 61	1. 61
Y 121. 0	1. 62	1. 61	1. 60	1. 82	1. 82	1. 83	1. 83	1. 84	1. 83	1. 82	1. 60	1. 61
Y 122. 0	1. 62	1. 61	1. 60	1. 82	1. 82	1. 83	1. 83	1. 84	1. 84	1. 82	1. 61	1. 61
Y 123. 0	1. 62	1. 61	1. 60	1. 82	1. 82	1. 83	1. 83	1. 84	1. 83	1. 82	1. 61	1. 62
Y 124. 0	1. 62	1. 61	1. 61	1. 82	1. 82	1. 84	1. 84	1. 84	1. 84	1. 83	1. 61	1. 61
Y 125. 0	1. 61	1. 61	1. 60	1. 82	1. 82	1. 84	1. 83	1. 84	1. 83	1. 82	1. 61	1. 61
Y 126. 0	1. 62	1. 61	1. 60	1. 83	1. 82	1. 84	1. 83	1. 83	1. 83	1. 83	1. 61	1. 62
Y 127. 0	1. 61	1. 61	1. 60	1. 82	1. 82	1. 84	1. 83	1. 83	1. 84	1. 82	1. 60	1. 62
Y 128. 0	1. 62	1. 61	1. 60	1. 83	1. 83	1. 83	1. 83	1. 84	1. 82	1. 83	1. 61	1. 62
Y 129. 0	1. 62	1. 61	1. 60	1. 82	1. 83	1. 84	1. 83	1. 84	1. 83	1. 82	1. 60	1. 61
Y 130. 0	1. 62	1. 61	1. 60	1. 82	1. 82	1. 83	1. 83	1. 84	1. 83	1. 83	1. 61	1. 61
Y 131. 0	1. 62	1. 61	1. 60	1. 83	1. 82	1. 83	1. 83	1. 84	1. 83	1. 82	1. 61	1. 61
Y 132. 0	1. 61	1. 61	1. 60	1. 82	1. 82	1. 84	1. 84	1. 84	1. 82	1. 83	1. 61	1. 61
Y 133. 0	1. 61	1. 61	1. 60	1. 82	1. 82	1. 84	1. 83	1. 84	1. 83	1. 83	1. 61	1. 61
Y 134. 0	1. 61	1. 61	1. 60	1. 83	1. 83	1. 84	1. 83	1. 83	1. 83	1. 82	1. 61	1. 61
Y 135. 0	1. 62	1. 61	1. 60	1. 82	1. 82	1. 84	1. 83	1. 84	1. 83	1. 83	1. 61	1. 61
Y 136. 0	1. 61	1. 61	1. 60	1. 83	1. 82	1. 83	1. 83	1. 84	1. 82	1. 83	1. 61	1. 61
Y 137. 0	1. 61	1. 61	1. 61	1. 83	1. 83	1. 84	1. 83	1. 83	1. 82	1. 83	1. 61	1. 61
Y 138. 0	1. 61	1. 61	1. 60	1. 82	1. 82	1. 83	1. 84	1. 83	1. 83	1. 83	1. 61	1. 61
Y 139. 0	1. 62	1. 61	1. 61	1. 82	1. 82	1. 83	1. 83	1. 84	1. 83	1. 82	1. 61	1. 61
Y 140. 0	1. 61	1. 61	1. 60	1. 82	1. 83	1. 83	1. 83	1. 83	1. 83	1. 83	1. 60	1. 61

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	1.61	1.61	1.61	1.83	1.82	1.83	1.83	1.83	1.83	1.82	1.61	1.61
Y 142.0	1.61	1.61	1.60	1.82	1.83	1.83	1.84	1.84	1.83	1.82	1.61	1.61
Y 143.0	1.61	1.61	1.61	1.82	1.82	1.83	1.82	1.83	1.83	1.82	1.61	1.61
Y 144.0	1.61	1.61	1.60	1.83	1.82	1.83	1.83	1.83	1.83	1.82	1.61	1.61
Y 145.0	1.61	1.61	1.61	1.83	1.83	1.83	1.83	1.83	1.83	1.82	1.61	1.61
Y 146.0	1.61	1.61	1.60	1.83	1.83	1.83	1.83	1.83	1.83	1.82	1.61	1.61
Y 147.0	1.61	1.61	1.61	1.83	1.82	1.83	1.83	1.83	1.83	1.82	1.61	1.61
Y 148.0	1.61	1.61	1.60	1.82	1.82	1.83	1.84	1.83	1.83	1.82	1.60	1.61
Y 149.0	1.61	1.61	1.61	1.83	1.82	1.83	1.82	1.83	1.83	1.82	1.61	1.61
Y 150.0	1.61	1.61	1.60	1.82	1.82	1.83	1.83	1.83	1.83	1.82	1.61	1.61
Y 151.0	1.61	1.61	1.61	1.82	1.82	1.83	1.82	1.83	1.83	1.82	1.61	1.61
Y 152.0	1.61	1.61	1.60	1.82	1.83	1.83	1.83	1.83	1.83	1.83	1.61	1.61
Y 153.0	1.61	1.61	1.61	1.82	1.83	1.83	1.83	1.83	1.83	1.82	1.61	1.61
Y 154.0	1.61	1.61	1.60	1.82	1.83	1.83	1.83	1.83	1.83	1.83	1.60	1.61
Y 155.0	1.61	1.61	1.61	1.83	1.83	1.83	1.83	1.83	1.83	1.82	1.61	1.61
Y 156.0	1.61	1.61	1.61	1.82	1.83	1.83	1.83	1.83	1.82	1.82	1.60	1.61
Y 157.0	1.61	1.61	1.61	1.82	1.82	1.83	1.83	1.82	1.83	1.82	1.61	1.61
Y 158.0	1.61	1.61	1.61	1.82	1.82	1.83	1.83	1.83	1.83	1.82	1.61	1.61
Y 159.0	1.61	1.61	1.61	1.82	1.83	1.83	1.82	1.83	1.83	1.82	1.61	1.61
Y 160.0	1.61	1.61	1.61	1.82	1.82	1.83	1.83	1.83	1.82	1.82	1.60	1.61
Y 161.0	1.61	1.61	1.61	1.82	1.83	1.83	1.83	1.83	1.83	1.83	1.61	1.61
Y 162.0	1.61	1.61	1.61	1.82	1.82	1.83	1.83	1.83	1.82	1.82	1.60	1.61
Y 163.0	1.61	1.61	1.61	1.82	1.82	1.83	1.84	1.83	1.83	1.82	1.61	1.61
Y 164.0	1.61	1.61	1.61	1.82	1.82	1.83	1.83	1.82	1.82	1.82	1.60	1.61
Y 165.0	1.61	1.61	1.61	1.82	1.83	1.83	1.83	1.82	1.83	1.82	1.61	1.61
Y 166.0	1.61	1.61	1.60	1.82	1.82	1.83	1.83	1.83	1.82	1.82	1.60	1.61
Y 167.0	1.61	1.61	1.61	1.82	1.83	1.84	1.83	1.83	1.83	1.82	1.61	1.61
Y 168.0	1.61	1.61	1.60	1.82	1.82	1.83	1.83	1.83	1.83	1.82	1.60	1.61
Y 169.0	1.61	1.61	1.61	1.82	1.83	1.83	1.83	1.82	1.83	1.82	1.61	1.61
Y 170.0	1.61	1.61	1.61	1.83	1.83	1.83	1.83	1.82	1.82	1.82	1.61	1.61
Y 171.0	1.61	1.61	1.61	1.83	1.83	1.83	1.83	1.83	1.83	1.82	1.61	1.61
Y 172.0	1.61	1.61	1.60	1.82	1.83	1.83	1.83	1.83	1.82	1.82	1.60	1.61
Y 173.0	1.61	1.61	1.61	1.82	1.83	1.83	1.83	1.82	1.83	1.82	1.61	1.61
Y 174.0	1.61	1.60	1.60	1.83	1.83	1.83	1.83	1.82	1.82	1.82	1.60	1.61
Y 175.0	1.61	1.60	1.61	1.82	1.83	1.83	1.83	1.83	1.83	1.82	1.60	1.61
Y 176.0	1.61	1.61	1.61	1.82	1.83	1.83	1.83	1.82	1.82	1.82	1.60	1.61
Y 177.0	1.61	1.61	1.61	1.82	1.83	1.83	1.82	1.83	1.83	1.82	1.61	1.61
Y 178.0	1.60	1.60	1.61	1.82	1.82	1.83	1.83	1.83	1.83	1.82	1.61	1.61
Y 179.0	1.61	1.61	1.61	1.82	1.83	1.83	1.83	1.83	1.83	1.82	1.61	1.61
Y 180.0	1.61	1.61	1.61	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.61	1.61