

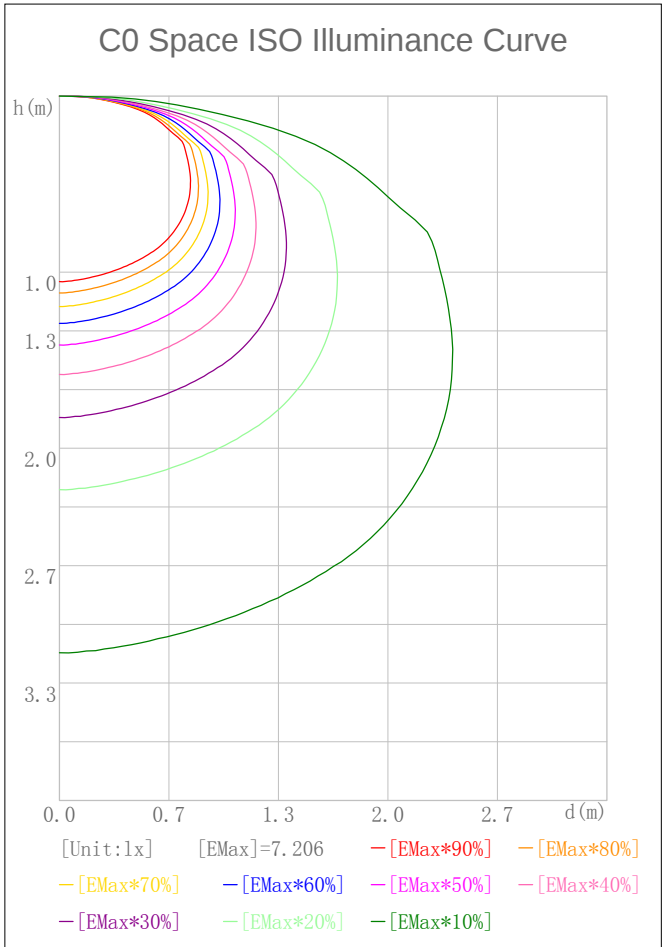
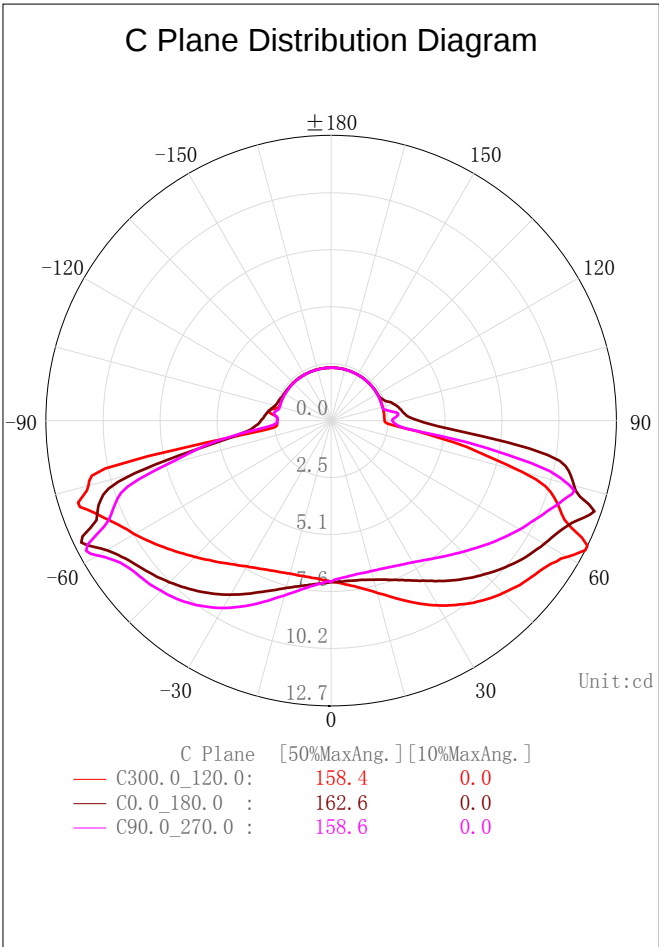
Indoor Luminaire Photometric Data

Description Information

Luminary Name: M-SYMN0-65		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): 0.019m*0.052m*0.010m		Lum. Area (m2): 0.002	Lum. W (kg): 0.010
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

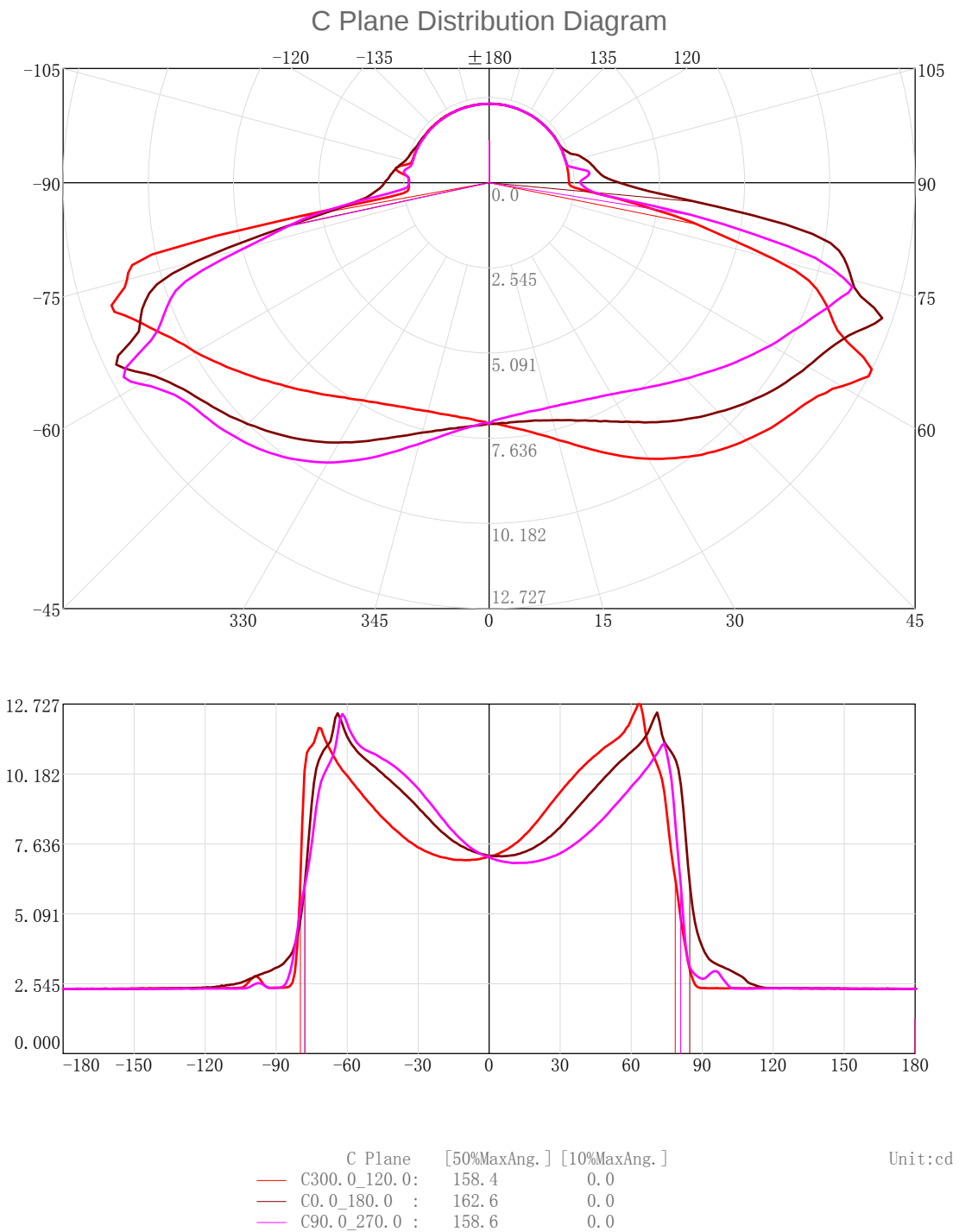
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 70.990	Luminary Flux(lm): 70.985	Field Angle(10%Imax): 360.0(°)	
Rated Power(W):	Luminary Efficiency: 99.99%	Down Lumens&Percent: 55.131lm 77.67%	
Rated Voltage(V):	Luminary EER(lm/W): 155.329	Up Lumens&Percent: 15.854lm 22.33%	
Tested Power(W): 0.457	Max. Candela(cd): 12.727	S/MH: C0_a180=1.960 C90_270=1.865	
Lamps' Inside: 1	Max Cand@Ang. (°): C=300.0 γ=63.0	CIE Type: General Diffuse	
Tested Electrics (V, A, pf): 24.1, 0.018, 1.000	Beam Angle(50%Imax): 158.4(°)	ErP ϕ use(120°): 29.234lm	
Lamp Size (W*L*H): 0.019m*0.052m*0.010m	Left=-79.8°, Right=78.6°	IRF(%): 61.872	



2D Plane Light Intensity Distribution Curve

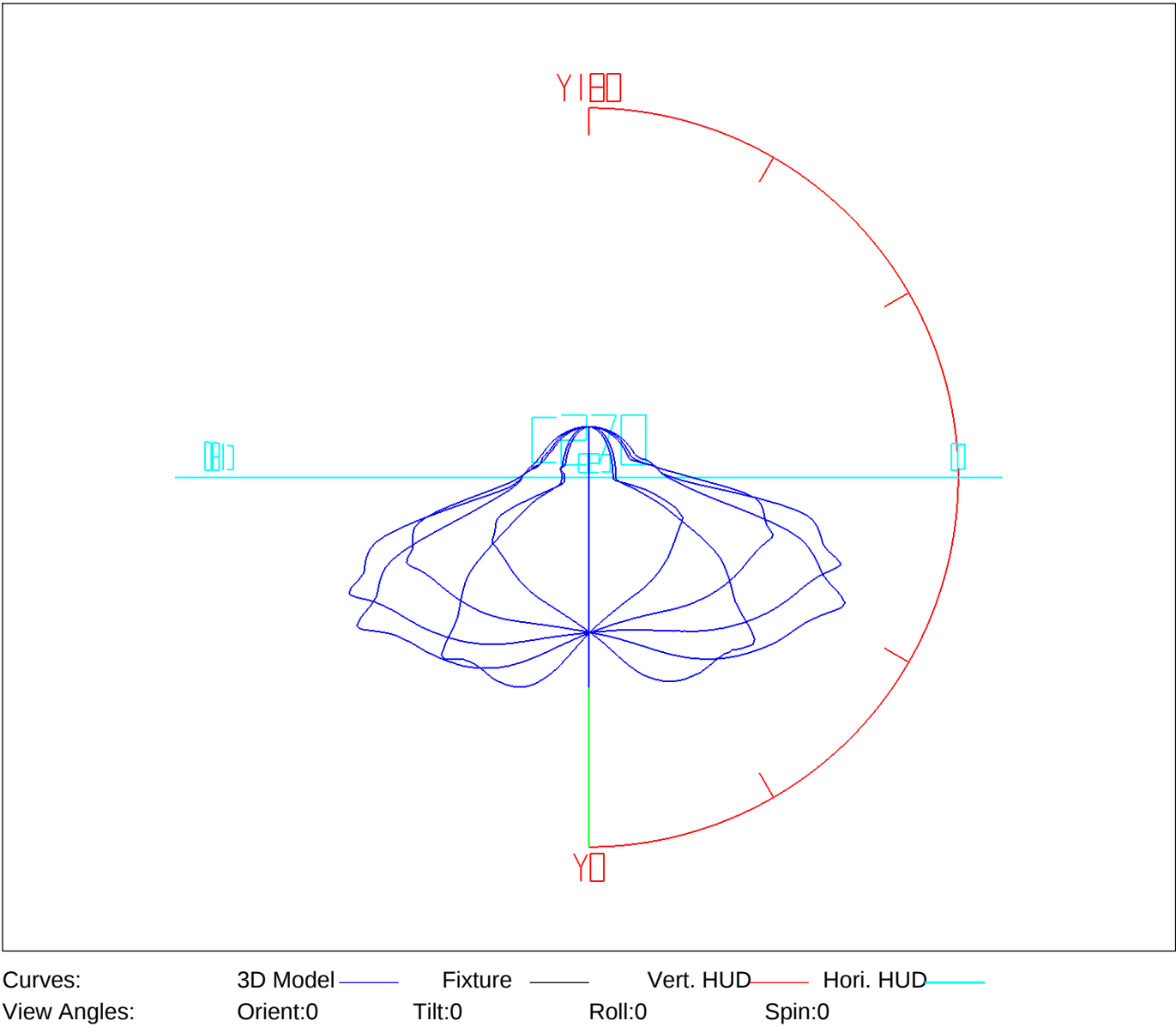
Lum. Name: M-SYMN0-65	Lum. Catalog: LED-Modules	Test ID:
Lamp Name: 2835	Lamp Catalog: Back	Test Lab: Test
Manufacture: Principal	Test Machine:GON-2000	Test Date: 2023/07/22



3D Light Intensity Distribution Modal

Lum. Name: M-SYMN0-65	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

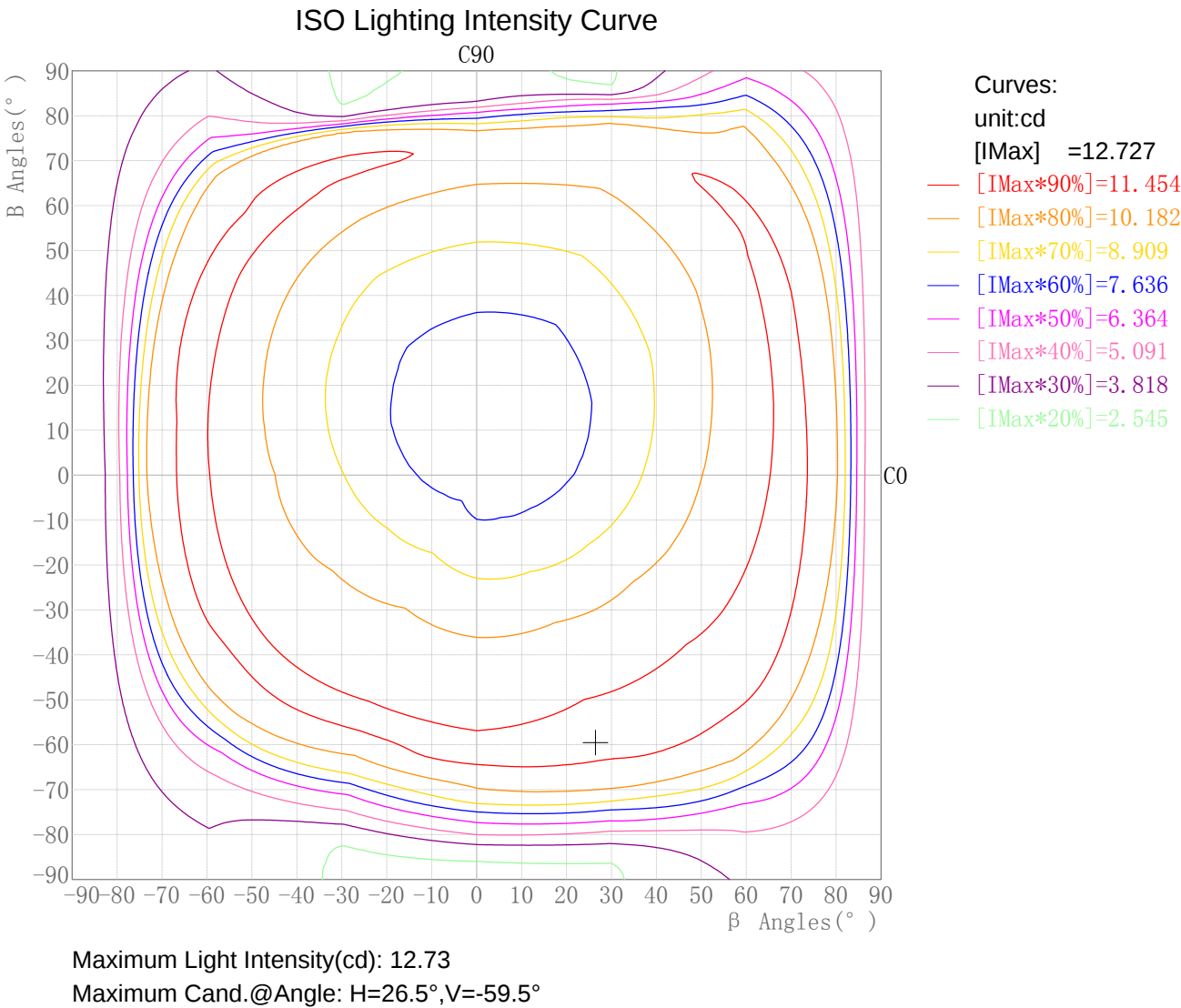
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.01	0.01	0.01	0.01	47.0-48.0	0.80	18.17	1.13	25.59
1.0-2.0	0.02	0.03	0.03	0.04	48.0-49.0	0.82	18.99	1.16	26.74
2.0-3.0	0.03	0.06	0.05	0.09	49.0-50.0	0.84	19.83	1.18	27.93
3.0-4.0	0.05	0.11	0.07	0.16	50.0-51.0	0.86	20.68	1.21	29.14
4.0-5.0	0.06	0.17	0.09	0.24	51.0-52.0	0.88	21.56	1.24	30.37
5.0-6.0	0.08	0.25	0.11	0.35	52.0-53.0	0.90	22.46	1.26	31.63
6.0-7.0	0.09	0.34	0.13	0.48	53.0-54.0	0.92	23.37	1.29	32.92
7.0-8.0	0.10	0.44	0.15	0.62	54.0-55.0	0.94	24.31	1.32	34.24
8.0-9.0	0.12	0.56	0.17	0.79	55.0-56.0	0.96	25.26	1.35	35.59
9.0-10.0	0.13	0.69	0.19	0.98	56.0-57.0	0.98	26.24	1.38	36.97
10.0-11.0	0.15	0.84	0.21	1.19	57.0-58.0	1.00	27.24	1.41	38.37
11.0-12.0	0.16	1.00	0.23	1.41	58.0-59.0	1.02	28.26	1.44	39.81
12.0-13.0	0.18	1.18	0.25	1.66	59.0-60.0	1.04	29.30	1.47	41.28
13.0-14.0	0.19	1.37	0.27	1.93	60.0-61.0	1.06	30.36	1.49	42.77
14.0-15.0	0.21	1.58	0.29	2.23	61.0-62.0	1.07	31.44	1.51	44.28
15.0-16.0	0.22	1.80	0.31	2.54	62.0-63.0	1.09	32.52	1.53	45.81
16.0-17.0	0.24	2.04	0.34	2.87	63.0-64.0	1.10	33.62	1.55	47.36
17.0-18.0	0.25	2.29	0.36	3.23	64.0-65.0	1.11	34.73	1.56	48.92
18.0-19.0	0.27	2.56	0.38	3.61	65.0-66.0	1.11	35.84	1.56	50.48
19.0-20.0	0.29	2.85	0.40	4.01	66.0-67.0	1.11	36.95	1.57	52.05
20.0-21.0	0.30	3.15	0.43	4.44	67.0-68.0	1.12	38.07	1.57	53.62
21.0-22.0	0.32	3.47	0.45	4.89	68.0-69.0	1.12	39.18	1.57	55.20
22.0-23.0	0.34	3.81	0.47	5.36	69.0-70.0	1.11	40.30	1.57	56.77
23.0-24.0	0.35	4.16	0.50	5.86	70.0-71.0	1.11	41.41	1.56	58.33
24.0-25.0	0.37	4.53	0.52	6.38	71.0-72.0	1.10	42.51	1.55	59.88
25.0-26.0	0.39	4.92	0.55	6.93	72.0-73.0	1.08	43.59	1.52	61.40
26.0-27.0	0.41	5.33	0.57	7.50	73.0-74.0	1.06	44.65	1.49	62.89
27.0-28.0	0.42	5.75	0.60	8.10	74.0-75.0	1.03	45.68	1.45	64.35
28.0-29.0	0.44	6.19	0.62	8.72	75.0-76.0	1.00	46.68	1.41	65.75
29.0-30.0	0.46	6.65	0.65	9.37	76.0-77.0	0.96	47.64	1.35	67.11
30.0-31.0	0.48	7.13	0.67	10.04	77.0-78.0	0.92	48.56	1.29	68.40
31.0-32.0	0.50	7.63	0.70	10.74	78.0-79.0	0.86	49.41	1.21	69.61
32.0-33.0	0.52	8.14	0.73	11.47	79.0-80.0	0.79	50.20	1.11	70.72
33.0-34.0	0.53	8.68	0.75	12.22	80.0-81.0	0.71	50.91	1.00	71.72
34.0-35.0	0.55	9.23	0.78	13.00	81.0-82.0	0.64	51.55	0.90	72.62
35.0-36.0	0.57	9.80	0.81	13.81	82.0-83.0	0.58	52.14	0.82	73.44
36.0-37.0	0.59	10.40	0.83	14.65	83.0-84.0	0.53	52.67	0.75	74.19
37.0-38.0	0.61	11.01	0.86	15.51	84.0-85.0	0.48	53.15	0.68	74.87
38.0-39.0	0.63	11.64	0.89	16.39	85.0-86.0	0.44	53.59	0.62	75.49
39.0-40.0	0.65	12.29	0.91	17.31	86.0-87.0	0.41	54.00	0.58	76.07
40.0-41.0	0.67	12.95	0.94	18.25	87.0-88.0	0.39	54.39	0.55	76.62
41.0-42.0	0.69	13.64	0.97	19.22	88.0-89.0	0.37	54.77	0.53	77.15
42.0-43.0	0.71	14.35	1.00	20.21	89.0-90.0	0.36	55.13	0.51	77.66
43.0-44.0	0.73	15.07	1.02	21.23	90.0-91.0	0.35	55.48	0.50	78.16
44.0-45.0	0.74	15.82	1.05	22.28	91.0-92.0	0.34	55.83	0.49	78.64
45.0-46.0	0.76	16.58	1.08	23.36	92.0-93.0	0.34	56.17	0.48	79.12
46.0-47.0	0.78	17.36	1.10	24.46	93.0-94.0	0.33	56.50	0.47	79.59

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	0.33	56.83	0.46	80.05	141.0-142.0	0.16	67.83	0.23	95.55
95.0-96.0	0.32	57.15	0.46	80.51	142.0-143.0	0.16	67.99	0.22	95.78
96.0-97.0	0.32	57.47	0.45	80.96	143.0-144.0	0.15	68.15	0.22	96.00
97.0-98.0	0.32	57.79	0.45	81.41	144.0-145.0	0.15	68.30	0.21	96.21
98.0-99.0	0.31	58.10	0.44	81.85	145.0-146.0	0.15	68.45	0.21	96.42
99.0-100.0	0.31	58.41	0.43	82.28	146.0-147.0	0.14	68.59	0.20	96.62
100.0-101.0	0.30	58.71	0.42	82.70	147.0-148.0	0.14	68.73	0.20	96.81
101.0-102.0	0.29	59.00	0.41	83.10	148.0-149.0	0.14	68.86	0.19	97.01
102.0-103.0	0.28	59.28	0.40	83.50	149.0-150.0	0.13	69.00	0.19	97.19
103.0-104.0	0.28	59.55	0.39	83.89	150.0-151.0	0.13	69.12	0.18	97.37
104.0-105.0	0.27	59.83	0.38	84.28	151.0-152.0	0.12	69.25	0.17	97.55
105.0-106.0	0.27	60.10	0.38	84.66	152.0-153.0	0.12	69.37	0.17	97.71
106.0-107.0	0.27	60.36	0.37	85.03	153.0-154.0	0.12	69.48	0.16	97.88
107.0-108.0	0.26	60.62	0.37	85.40	154.0-155.0	0.11	69.59	0.16	98.03
108.0-109.0	0.26	60.88	0.36	85.76	155.0-156.0	0.11	69.70	0.15	98.19
109.0-110.0	0.25	61.14	0.36	86.12	156.0-157.0	0.10	69.81	0.15	98.33
110.0-111.0	0.25	61.39	0.35	86.47	157.0-158.0	0.10	69.90	0.14	98.47
111.0-112.0	0.25	61.64	0.35	86.82	158.0-159.0	0.10	70.00	0.13	98.60
112.0-113.0	0.25	61.88	0.35	87.17	159.0-160.0	0.09	70.09	0.13	98.73
113.0-114.0	0.24	62.13	0.34	87.51	160.0-161.0	0.09	70.18	0.12	98.85
114.0-115.0	0.24	62.37	0.34	87.85	161.0-162.0	0.08	70.26	0.12	98.97
115.0-116.0	0.24	62.60	0.34	88.19	162.0-163.0	0.08	70.34	0.11	99.08
116.0-117.0	0.24	62.84	0.33	88.52	163.0-164.0	0.07	70.41	0.10	99.18
117.0-118.0	0.23	63.07	0.33	88.85	164.0-165.0	0.07	70.48	0.10	99.28
118.0-119.0	0.23	63.30	0.32	89.17	165.0-166.0	0.06	70.54	0.09	99.37
119.0-120.0	0.23	63.53	0.32	89.49	166.0-167.0	0.06	70.61	0.09	99.46
120.0-121.0	0.23	63.76	0.32	89.81	167.0-168.0	0.06	70.66	0.08	99.54
121.0-122.0	0.22	63.98	0.31	90.13	168.0-169.0	0.05	70.71	0.07	99.61
122.0-123.0	0.22	64.20	0.31	90.44	169.0-170.0	0.05	70.76	0.07	99.68
123.0-124.0	0.22	64.42	0.31	90.74	170.0-171.0	0.04	70.80	0.06	99.74
124.0-125.0	0.22	64.63	0.30	91.05	171.0-172.0	0.04	70.84	0.05	99.79
125.0-126.0	0.21	64.85	0.30	91.35	172.0-173.0	0.03	70.87	0.05	99.84
126.0-127.0	0.21	65.06	0.30	91.64	173.0-174.0	0.03	70.90	0.04	99.88
127.0-128.0	0.21	65.26	0.29	91.93	174.0-175.0	0.02	70.93	0.03	99.91
128.0-129.0	0.20	65.47	0.29	92.22	175.0-176.0	0.02	70.95	0.03	99.94
129.0-130.0	0.20	65.67	0.28	92.50	176.0-177.0	0.02	70.97	0.02	99.96
130.0-131.0	0.20	65.87	0.28	92.78	177.0-178.0	0.01	70.98	0.02	99.98
131.0-132.0	0.20	66.06	0.27	93.06	178.0-179.0	0.01	70.98	0.01	99.99
132.0-133.0	0.19	66.25	0.27	93.33	179.0-180.0	0.00	70.99	0.00	99.99
133.0-134.0	0.19	66.44	0.27	93.59					
134.0-135.0	0.19	66.63	0.26	93.86					
135.0-136.0	0.18	66.81	0.26	94.11					
136.0-137.0	0.18	66.99	0.25	94.37					
137.0-138.0	0.18	67.17	0.25	94.61					
138.0-139.0	0.17	67.34	0.24	94.86					
139.0-140.0	0.17	67.51	0.24	95.09					
140.0-141.0	0.17	67.67	0.23	95.33					

Rectangle ISO Lighting Intensity Diagram

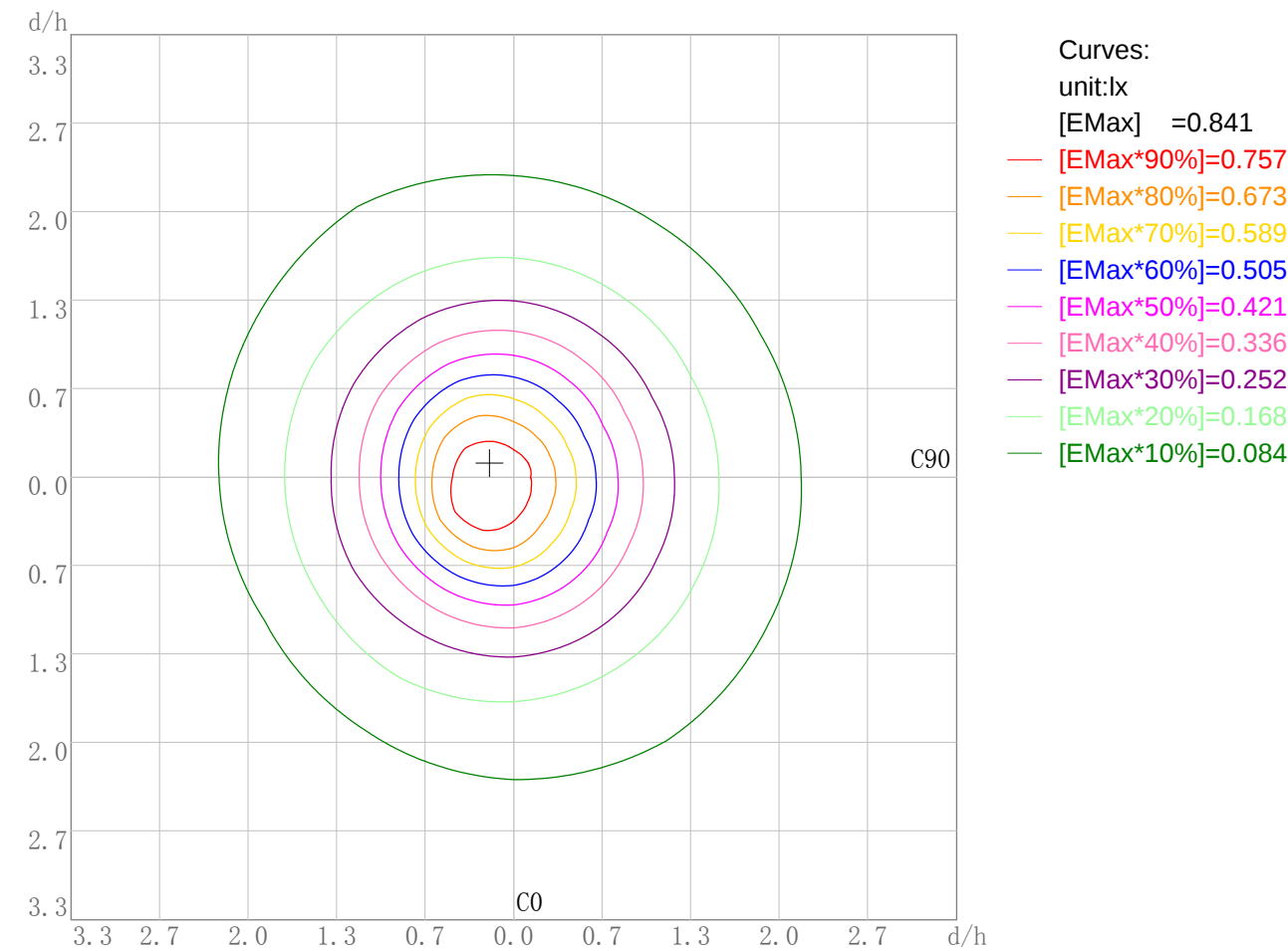
Lum. Name: M-SYMN0-65	Lum. Catalog: LED-Modules	Test ID:
Lamp Name: 2835	Lamp Catalog: Back	Test Lab: Test
Manufacture: Principal	Test Machine:GON-2000	Test Date: 2023/07/22



Plane ISO-Illuminance Diagram

Lum. Name: M-SYMN0-65	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 Curve

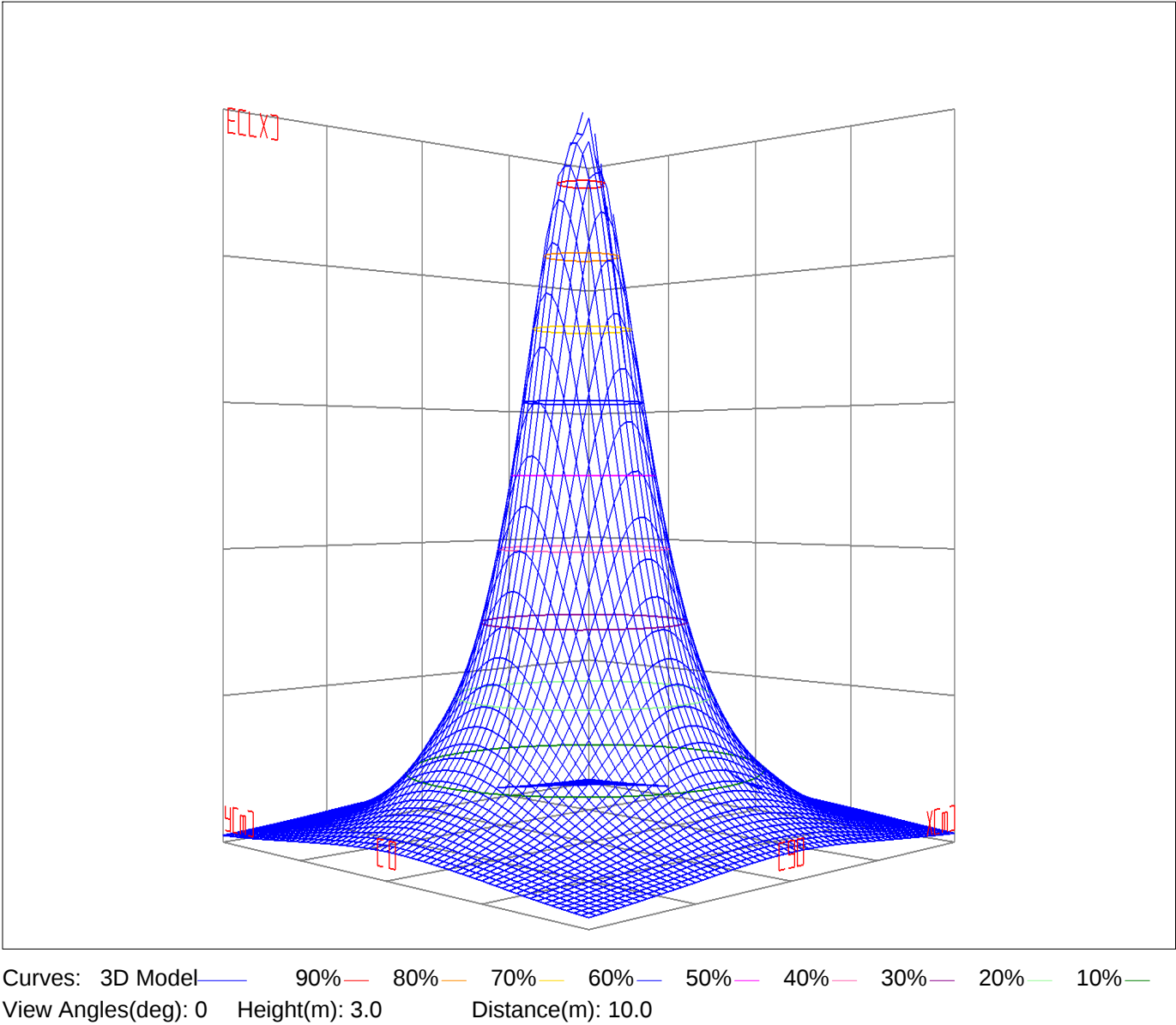


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 0.84
Working Plane Maximum Illuminance Position(d/h):H-0.2 V-0.1

3D Plane ISO Illuminance Diagram

Lum. Name: M-SYMN0-65	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

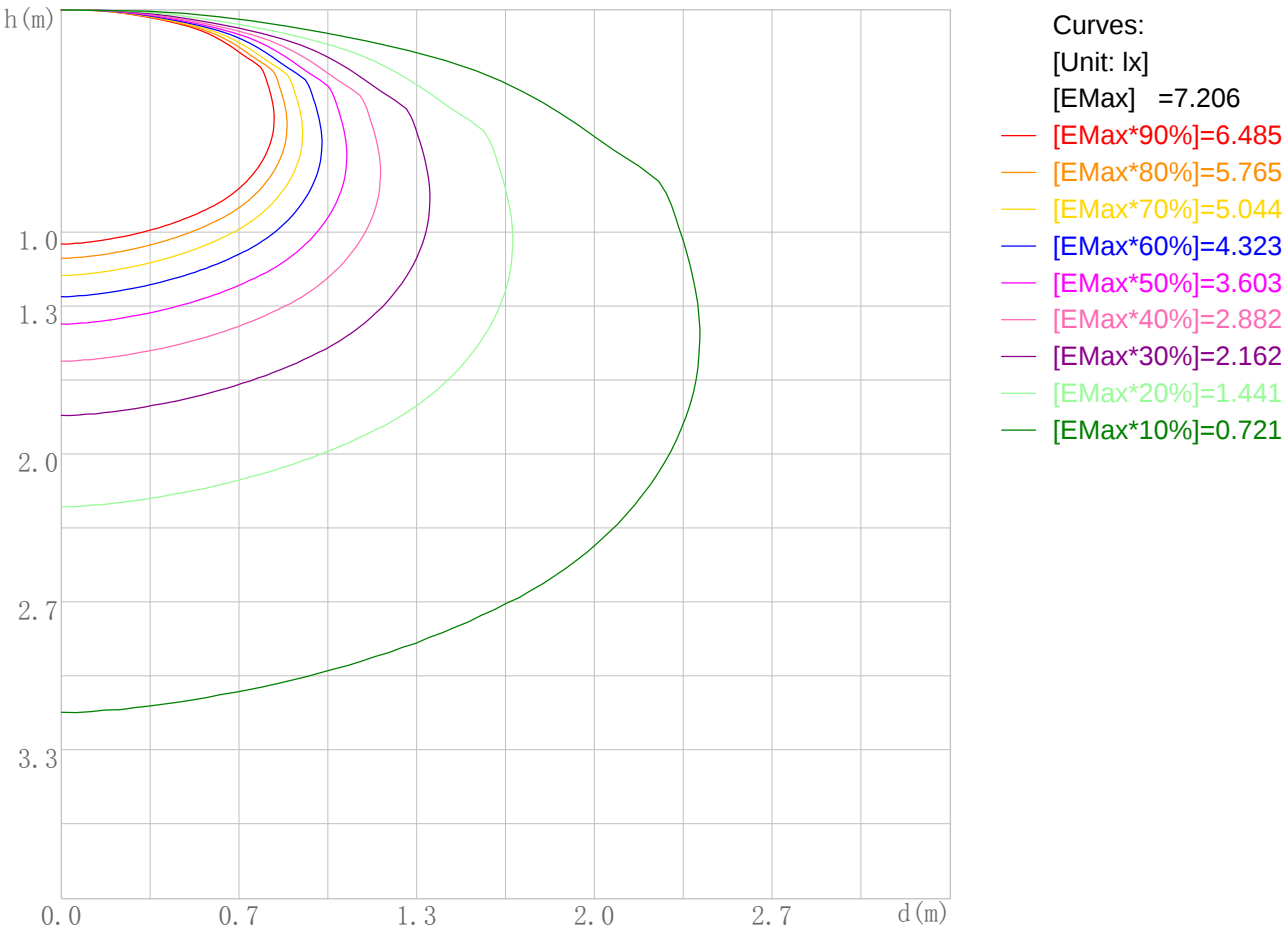
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

Lum. Name: M-SYMN0-65	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

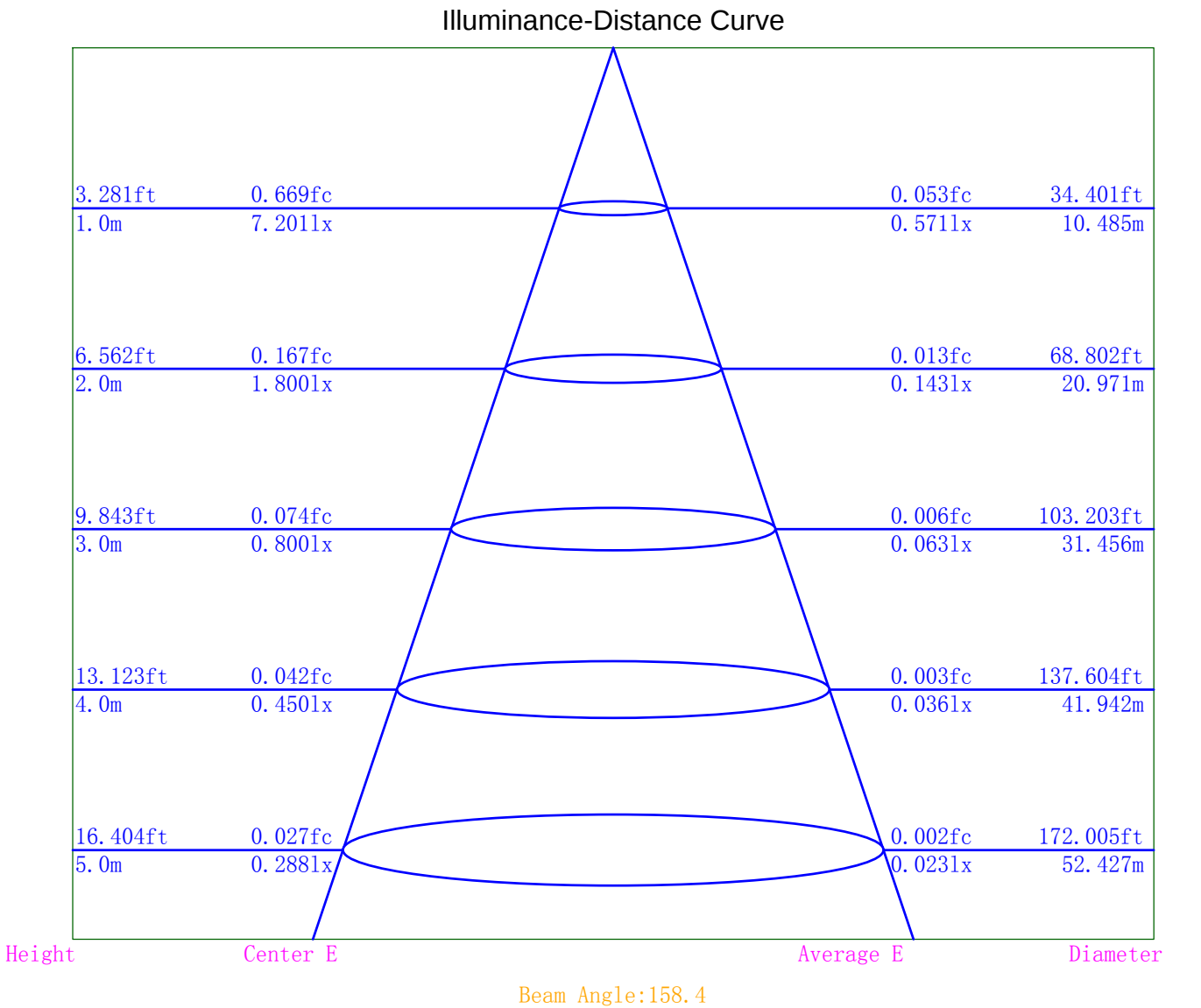
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:7.21lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:12.421cd,0deg

Illuminance-Distance Diagram

Lum. Name: M-SYMN0-65	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



Indoor Luminance Limiting Curves

Lum. Name: M-SYMN0-65	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

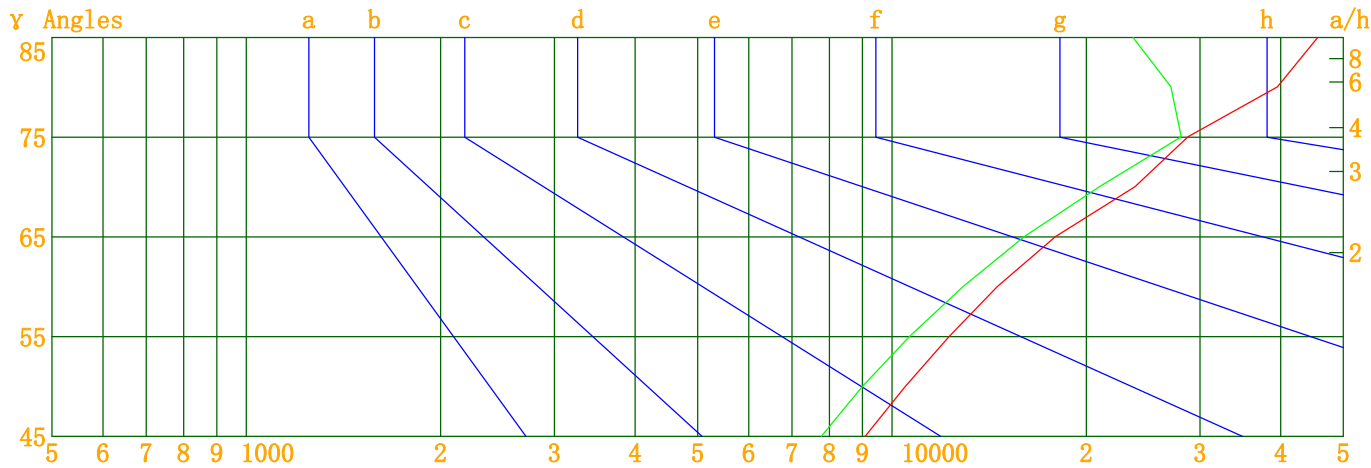
Glare Grade Table

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	9085	10485	12260	14564	17913	23796	28747	39540	45629
C90	7770	9001	10646	12885	16027	20965	28066	27041	23625

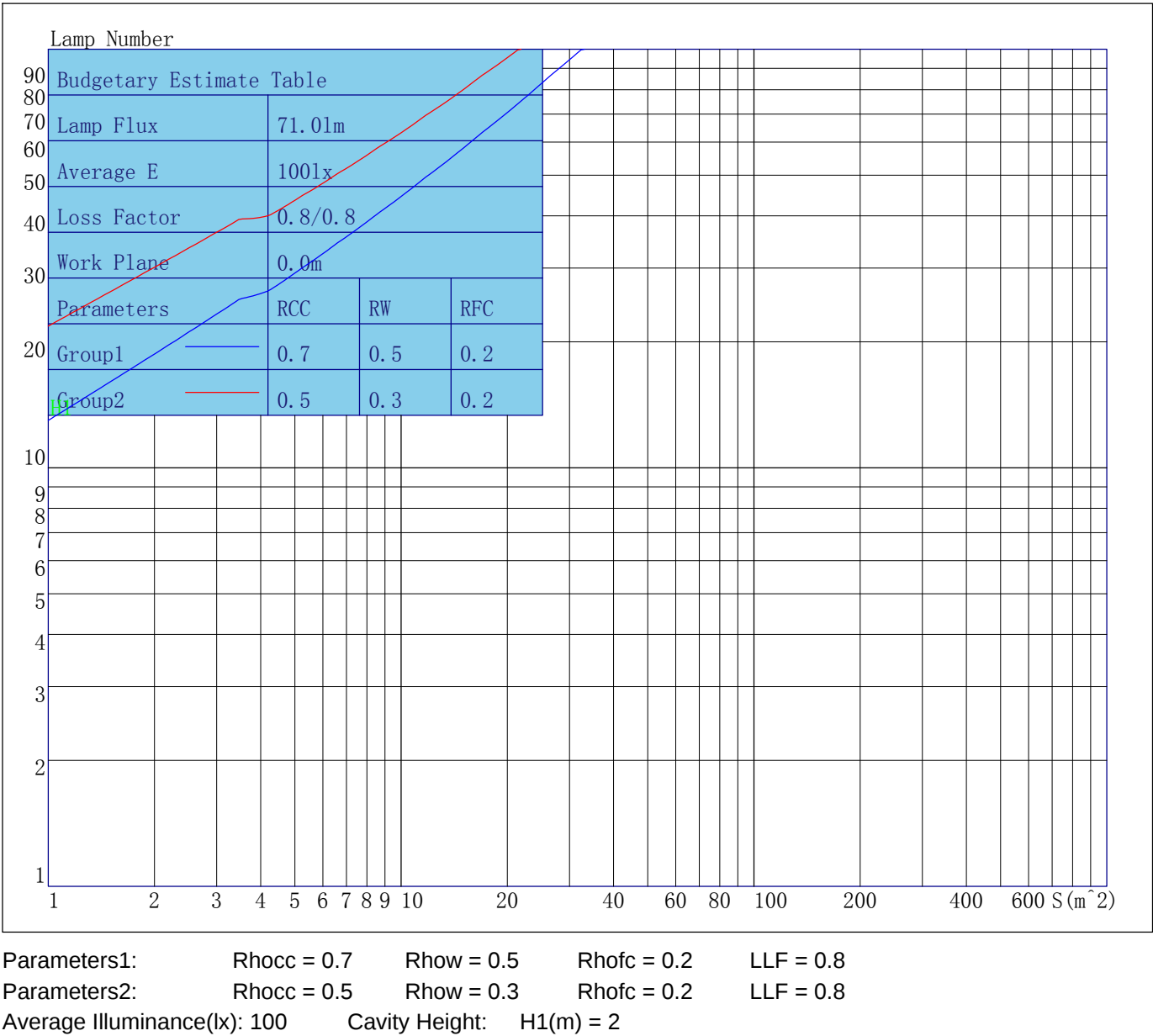
Luminance Limiting Curve



Luminous Size: Length(m)=0.052 Width(m)=0.019 Height(m)=0.010 Area(m^2)=0.001508
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: C90-C270 Color:

Indoor Budgetary Estimate Table

Lum. Name: M-SYMN0-65	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



Indoor Coefficient of Utilization Table

Lum. Name: M-SYMN0-65	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

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	114	114	114	114	108	108	108	108	99	99	99	90	90	90	82	82	82	78
1	99	93	87	82	94	88	83	78	80	76	72	72	69	66	65	62	60	56
2	88	77	69	62	83	74	66	59	66	60	54	59	54	50	53	49	45	42
3	78	66	56	48	74	62	53	46	56	49	43	50	44	39	45	40	35	32
4	71	57	47	39	66	54	45	37	48	41	34	43	37	31	39	33	29	25
5	64	50	39	32	60	47	38	31	42	34	28	38	31	26	34	28	24	21
6	59	44	34	27	55	42	33	26	38	30	24	34	27	22	30	24	20	17
7	54	39	30	23	51	37	28	22	34	26	20	30	24	19	27	21	17	15
8	50	35	26	20	47	34	25	19	31	23	18	27	21	16	25	19	15	13
9	47	32	23	17	44	31	22	17	28	21	16	25	19	14	23	17	13	11
10	43	29	21	15	41	28	20	15	26	19	14	23	17	13	21	15	12	10

Unified Glare Rating Table

Lum. Name: M-SYMN0-65	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

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	20.1	21.5	20.7	22.2	23.0	19.3	20.7	19.9	21.4	22.2
	23.8	25.1	24.5	25.8	26.6	23.1	24.4	23.8	25.1	25.9
	25.7	26.9	26.4	27.6	28.5	25.2	26.5	25.9	27.2	28.0
	27.6	28.7	28.3	29.4	30.3	26.8	27.9	27.5	28.6	29.5
	28.4	29.5	29.1	30.2	31.1	27.1	28.3	27.8	29.0	29.9
	29.0	30.1	29.7	30.8	31.7	27.4	28.4	28.1	29.2	30.1
X=4H Y=2H	21.4	22.7	22.1	23.4	24.2	20.8	22.0	21.5	22.7	23.6
	25.2	26.3	25.9	27.0	27.9	24.7	25.8	25.4	26.5	27.4
	27.2	28.2	27.9	28.9	29.8	26.9	27.9	27.6	28.6	29.5
	29.2	30.1	29.9	30.8	31.7	28.5	29.4	29.3	30.2	31.1
	30.1	30.9	30.8	31.7	32.6	28.9	29.8	29.7	30.5	31.4
	30.8	31.6	31.6	32.4	33.3	29.2	30.0	30.0	30.7	31.7
X=8H Y=4H	27.9	28.7	28.6	29.5	30.4	27.8	28.6	28.5	29.4	30.3
	30.1	30.8	30.9	31.6	32.7	29.6	30.3	30.3	31.1	32.1
	31.2	31.8	31.9	32.6	33.5	30.0	30.7	30.8	31.5	32.4
	32.1	32.7	32.9	33.5	34.4	30.4	31.0	31.2	31.8	32.7
X=12H Y=4H	28.0	28.8	28.8	29.6	30.5	28.0	28.7	28.7	29.5	30.4
	30.3	30.9	31.1	31.7	32.7	29.8	30.5	30.6	31.2	32.2
	31.5	32.0	32.3	32.8	33.8	30.4	31.0	31.2	31.8	32.7
Variations with the objerver position at spacings										
S=1.0H	0.1/-0.1					0.6/-0.7				
S=1.5H	0.2/-0.4					0.5/-0.8				
S=2.0H	0.2/-0.2					0.4/-0.5				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	6.6					6.1				

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

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	7. 20	7. 20	7. 20	7. 20	7. 20	7. 20	7. 20	7. 20	7. 20	7. 20	7. 20	7. 20
Y 1. 0	7. 21	7. 22	7. 22	7. 11	7. 14	7. 19	7. 22	7. 28	7. 30	7. 16	7. 20	7. 21
Y 2. 0	7. 20	7. 19	7. 18	7. 08	7. 13	7. 19	7. 25	7. 31	7. 35	7. 21	7. 21	7. 22
Y 3. 0	7. 18	7. 17	7. 14	7. 05	7. 11	7. 18	7. 27	7. 35	7. 41	7. 25	7. 25	7. 24
Y 4. 0	7. 20	7. 15	7. 11	7. 03	7. 09	7. 18	7. 29	7. 39	7. 46	7. 29	7. 29	7. 26
Y 5. 0	7. 18	7. 13	7. 09	7. 01	7. 07	7. 18	7. 31	7. 45	7. 53	7. 34	7. 33	7. 28
Y 6. 0	7. 19	7. 11	7. 06	6. 99	7. 07	7. 19	7. 34	7. 49	7. 60	7. 39	7. 37	7. 30
Y 7. 0	7. 19	7. 10	7. 04	6. 97	7. 06	7. 20	7. 37	7. 55	7. 67	7. 45	7. 42	7. 32
Y 8. 0	7. 20	7. 09	7. 02	6. 97	7. 05	7. 21	7. 41	7. 61	7. 74	7. 51	7. 46	7. 35
Y 9. 0	7. 21	7. 09	7. 01	6. 95	7. 05	7. 22	7. 44	7. 67	7. 82	7. 58	7. 52	7. 39
Y 10. 0	7. 22	7. 08	6. 99	6. 94	7. 04	7. 23	7. 48	7. 74	7. 90	7. 65	7. 58	7. 42
Y 11. 0	7. 23	7. 08	6. 97	6. 94	7. 05	7. 25	7. 53	7. 80	8. 00	7. 73	7. 65	7. 46
Y 12. 0	7. 26	7. 08	6. 97	6. 95	7. 06	7. 27	7. 57	7. 88	8. 09	7. 81	7. 71	7. 51
Y 13. 0	7. 29	7. 09	6. 97	6. 95	7. 05	7. 30	7. 62	7. 96	8. 18	7. 89	7. 78	7. 57
Y 14. 0	7. 32	7. 10	6. 96	6. 95	7. 06	7. 32	7. 68	8. 05	8. 28	7. 98	7. 86	7. 62
Y 15. 0	7. 35	7. 11	6. 97	6. 95	7. 06	7. 35	7. 73	8. 14	8. 39	8. 08	7. 96	7. 68
Y 16. 0	7. 38	7. 13	6. 96	6. 95	7. 09	7. 38	7. 79	8. 23	8. 50	8. 17	8. 03	7. 74
Y 17. 0	7. 42	7. 14	6. 97	6. 97	7. 10	7. 41	7. 86	8. 32	8. 61	8. 26	8. 12	7. 81
Y 18. 0	7. 46	7. 17	6. 97	6. 97	7. 12	7. 45	7. 93	8. 42	8. 72	8. 37	8. 23	7. 88
Y 19. 0	7. 50	7. 18	7. 00	6. 99	7. 14	7. 49	8. 00	8. 51	8. 82	8. 48	8. 32	7. 95
Y 20. 0	7. 56	7. 20	7. 00	7. 00	7. 16	7. 53	8. 08	8. 62	8. 93	8. 58	8. 43	8. 03
Y 21. 0	7. 61	7. 23	7. 02	7. 03	7. 18	7. 59	8. 15	8. 72	9. 05	8. 69	8. 53	8. 11
Y 22. 0	7. 66	7. 27	7. 03	7. 04	7. 21	7. 63	8. 24	8. 82	9. 14	8. 81	8. 64	8. 20
Y 23. 0	7. 73	7. 31	7. 05	7. 07	7. 23	7. 68	8. 32	8. 92	9. 25	8. 91	8. 75	8. 30
Y 24. 0	7. 78	7. 34	7. 07	7. 09	7. 27	7. 73	8. 41	9. 02	9. 35	9. 02	8. 86	8. 40
Y 25. 0	7. 86	7. 38	7. 10	7. 12	7. 30	7. 79	8. 51	9. 12	9. 45	9. 13	8. 97	8. 49
Y 26. 0	7. 92	7. 42	7. 12	7. 15	7. 34	7. 86	8. 60	9. 23	9. 56	9. 23	9. 09	8. 59
Y 27. 0	8. 00	7. 47	7. 15	7. 19	7. 37	7. 92	8. 69	9. 32	9. 66	9. 34	9. 20	8. 70
Y 28. 0	8. 08	7. 53	7. 18	7. 21	7. 42	7. 99	8. 79	9. 41	9. 76	9. 45	9. 31	8. 80
Y 29. 0	8. 17	7. 58	7. 21	7. 26	7. 47	8. 06	8. 87	9. 51	9. 84	9. 55	9. 41	8. 91
Y 30. 0	8. 24	7. 64	7. 24	7. 30	7. 51	8. 13	8. 96	9. 59	9. 93	9. 65	9. 52	9. 02
Y 31. 0	8. 34	7. 70	7. 30	7. 34	7. 57	8. 20	9. 06	9. 67	10. 02	9. 74	9. 62	9. 13
Y 32. 0	8. 43	7. 77	7. 34	7. 39	7. 63	8. 28	9. 15	9. 75	10. 09	9. 83	9. 73	9. 24
Y 33. 0	8. 54	7. 83	7. 39	7. 44	7. 69	8. 37	9. 23	9. 84	10. 16	9. 92	9. 82	9. 35
Y 34. 0	8. 63	7. 90	7. 44	7. 50	7. 73	8. 46	9. 32	9. 91	10. 23	10. 00	9. 92	9. 45
Y 35. 0	8. 73	7. 98	7. 49	7. 56	7. 81	8. 54	9. 40	9. 98	10. 30	10. 09	10. 01	9. 55
Y 36. 0	8. 82	8. 06	7. 55	7. 62	7. 88	8. 62	9. 48	10. 06	10. 36	10. 17	10. 12	9. 65
Y 37. 0	8. 93	8. 14	7. 61	7. 68	7. 95	8. 70	9. 57	10. 13	10. 41	10. 25	10. 21	9. 75
Y 38. 0	9. 02	8. 22	7. 68	7. 75	8. 03	8. 79	9. 65	10. 19	10. 46	10. 31	10. 31	9. 86
Y 39. 0	9. 12	8. 30	7. 75	7. 82	8. 10	8. 88	9. 72	10. 25	10. 52	10. 39	10. 39	9. 96
Y 40. 0	9. 21	8. 39	7. 82	7. 89	8. 18	8. 97	9. 80	10. 29	10. 56	10. 46	10. 48	10. 06
Y 41. 0	9. 31	8. 48	7. 90	7. 96	8. 25	9. 05	9. 88	10. 35	10. 62	10. 52	10. 56	10. 16
Y 42. 0	9. 41	8. 57	7. 97	8. 04	8. 34	9. 14	9. 96	10. 41	10. 67	10. 57	10. 64	10. 25
Y 43. 0	9. 51	8. 66	8. 05	8. 12	8. 43	9. 23	10. 03	10. 46	10. 72	10. 64	10. 72	10. 35
Y 44. 0	9. 60	8. 74	8. 13	8. 20	8. 51	9. 31	10. 10	10. 52	10. 76	10. 69	10. 80	10. 44
Y 45. 0	9. 69	8. 82	8. 21	8. 28	8. 59	9. 39	10. 20	10. 57	10. 79	10. 73	10. 87	10. 52
Y 46. 0	9. 79	8. 91	8. 29	8. 37	8. 67	9. 48	10. 26	10. 62	10. 82	10. 78	10. 94	10. 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 47. 0	9.88	9.01	8.38	8.45	8.78	9.56	10.34	10.68	10.86	10.84	11.01	10.69
Y 48. 0	9.98	9.10	8.46	8.54	8.86	9.65	10.43	10.73	10.90	10.89	11.09	10.78
Y 49. 0	10.07	9.20	8.56	8.63	8.97	9.74	10.49	10.78	10.95	10.93	11.16	10.86
Y 50. 0	10.16	9.29	8.65	8.73	9.07	9.83	10.56	10.82	11.00	10.97	11.22	10.95
Y 51. 0	10.25	9.37	8.74	8.82	9.16	9.92	10.64	10.88	11.07	11.01	11.28	11.03
Y 52. 0	10.34	9.46	8.83	8.92	9.27	10.01	10.70	10.96	11.16	11.05	11.34	11.11
Y 53. 0	10.43	9.56	8.92	9.02	9.36	10.09	10.77	11.04	11.28	11.10	11.40	11.19
Y 54. 0	10.52	9.64	9.01	9.12	9.48	10.17	10.86	11.12	11.39	11.16	11.46	11.26
Y 55. 0	10.60	9.73	9.11	9.21	9.59	10.26	10.93	11.22	11.58	11.24	11.53	11.32
Y 56. 0	10.68	9.82	9.21	9.31	9.68	10.35	11.02	11.37	11.78	11.33	11.61	11.39
Y 57. 0	10.75	9.91	9.31	9.41	9.79	10.44	11.14	11.54	11.99	11.47	11.70	11.45
Y 58. 0	10.83	10.00	9.40	9.50	9.90	10.54	11.26	11.74	12.18	11.63	11.86	11.52
Y 59. 0	10.92	10.09	9.49	9.61	10.02	10.64	11.40	11.95	12.20	11.80	11.96	11.60
Y 60. 0	10.98	10.16	9.59	9.72	10.12	10.74	11.55	12.17	11.80	12.03	12.16	11.69
Y 61. 0	11.06	10.24	9.68	9.81	10.22	10.86	11.75	12.26	11.21	12.25	12.35	11.81
Y 62. 0	11.13	10.32	9.79	9.90	10.32	10.99	11.99	11.96	10.82	12.37	12.53	11.95
Y 63. 0	11.22	10.39	9.90	10.00	10.45	11.14	12.22	11.41	10.63	12.19	12.73	12.09
Y 64. 0	11.31	10.47	9.97	10.10	10.57	11.30	12.40	11.06	10.46	11.65	12.72	12.27
Y 65. 0	11.42	10.54	10.04	10.21	10.72	11.51	12.23	10.89	10.29	11.15	12.34	12.45
Y 66. 0	11.54	10.61	10.10	10.32	10.88	11.74	11.73	10.76	10.11	10.83	11.73	12.62
Y 67. 0	11.67	10.70	10.19	10.43	11.04	11.98	11.37	10.61	9.90	10.64	11.31	12.67
Y 68. 0	11.86	10.81	10.26	10.55	11.20	12.10	11.25	10.44	9.62	10.47	11.09	12.38
Y 69. 0	12.07	10.91	10.33	10.68	11.38	11.95	11.15	10.23	9.14	10.30	10.92	11.89
Y 70. 0	12.27	11.03	10.42	10.81	11.58	11.62	11.03	9.90	8.50	10.12	10.73	11.53
Y 71. 0	12.42	11.18	10.50	10.93	11.84	11.40	10.86	9.35	7.80	9.90	10.52	11.31
Y 72. 0	12.09	11.34	10.56	11.06	11.86	11.33	10.67	8.60	7.16	9.53	10.29	11.14
Y 73. 0	11.61	11.51	10.66	11.23	11.59	11.28	10.38	7.76	6.60	8.97	9.99	10.95
Y 74. 0	11.35	11.73	10.76	11.29	11.32	11.23	9.85	6.97	6.12	8.29	9.51	10.73
Y 75. 0	11.22	11.75	10.85	10.95	11.20	11.14	9.06	6.33	5.70	7.60	8.81	10.49
Y 76. 0	11.10	11.48	10.99	10.52	11.11	10.99	8.06	5.83	5.32	7.01	8.03	10.17
Y 77. 0	10.98	11.20	11.13	10.01	10.94	10.66	7.01	5.42	4.93	6.50	7.30	9.65
Y 78. 0	10.84	11.05	11.10	9.12	10.30	10.09	6.09	5.08	4.54	6.07	6.70	8.91
Y 79. 0	10.65	10.97	10.62	8.05	8.32	9.27	5.33	4.78	3.99	5.64	6.18	8.08
Y 80. 0	10.35	10.88	10.10	7.08	5.72	8.33	4.74	4.53	3.48	5.11	5.56	7.28
Y 81. 0	9.77	10.78	9.08	6.09	3.93	7.43	4.29	4.31	3.11	4.48	4.86	6.60
Y 82. 0	8.94	10.66	7.95	4.94	2.98	6.66	3.99	4.11	2.81	3.94	4.33	6.06
Y 83. 0	7.91	10.48	7.00	3.94	2.60	6.01	3.72	3.96	2.60	3.39	3.85	5.63
Y 84. 0	6.87	10.10	5.87	3.36	2.47	5.48	3.57	3.85	2.47	3.01	3.35	5.28
Y 85. 0	6.00	9.47	4.27	3.11	2.42	5.06	3.47	3.73	2.42	2.72	2.98	5.00
Y 86. 0	5.29	8.67	3.09	2.97	2.41	4.72	3.37	3.63	2.41	2.54	2.71	4.76
Y 87. 0	4.78	7.86	2.59	2.88	2.40	4.45	3.27	3.55	2.41	2.44	2.52	4.54
Y 88. 0	4.41	7.11	2.43	2.81	2.40	4.24	3.21	3.49	2.39	2.41	2.43	4.35
Y 89. 0	4.12	6.48	2.40	2.76	2.40	4.07	3.16	3.46	2.39	2.40	2.39	4.16
Y 90. 0	3.90	5.97	2.39	2.73	2.40	3.93	3.13	3.45	2.39	2.40	2.39	4.02
Y 91. 0	3.70	5.55	2.38	2.73	2.40	3.80	3.09	3.42	2.39	2.39	2.39	3.90
Y 92. 0	3.56	5.18	2.38	2.80	2.40	3.69	3.03	3.37	2.39	2.39	2.38	3.80
Y 93. 0	3.44	4.86	2.37	2.88	2.40	3.60	3.00	3.30	2.39	2.40	2.38	3.70

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	3. 37	4. 56	2. 37	2. 95	2. 43	3. 50	2. 97	3. 23	2. 39	2. 43	2. 38	3. 64
Y 95. 0	3. 31	4. 31	2. 37	3. 01	2. 48	3. 40	2. 94	3. 16	2. 40	2. 49	2. 38	3. 60
Y 96. 0	3. 26	4. 10	2. 37	3. 00	2. 62	3. 32	2. 90	3. 08	2. 43	2. 54	2. 39	3. 56
Y 97. 0	3. 22	3. 93	2. 38	2. 94	2. 73	3. 26	2. 88	2. 98	2. 47	2. 57	2. 38	3. 52
Y 98. 0	3. 18	3. 79	2. 38	2. 81	2. 80	3. 20	2. 84	2. 87	2. 51	2. 56	2. 38	3. 46
Y 99. 0	3. 15	3. 65	2. 37	2. 69	2. 82	3. 14	2. 81	2. 78	2. 51	2. 53	2. 38	3. 38
Y 100. 0	3. 11	3. 51	2. 38	2. 59	2. 77	3. 07	2. 75	2. 73	2. 49	2. 48	2. 38	3. 24
Y 101. 0	3. 08	3. 38	2. 37	2. 49	2. 67	2. 96	2. 73	2. 67	2. 45	2. 43	2. 38	3. 09
Y 102. 0	3. 03	3. 22	2. 37	2. 41	2. 57	2. 86	2. 69	2. 63	2. 41	2. 40	2. 38	2. 98
Y 103. 0	2. 98	3. 08	2. 37	2. 37	2. 48	2. 80	2. 65	2. 61	2. 38	2. 38	2. 39	2. 89
Y 104. 0	2. 93	2. 98	2. 38	2. 37	2. 42	2. 76	2. 61	2. 59	2. 38	2. 38	2. 38	2. 81
Y 105. 0	2. 88	2. 89	2. 37	2. 37	2. 40	2. 73	2. 58	2. 58	2. 38	2. 38	2. 38	2. 75
Y 106. 0	2. 84	2. 79	2. 38	2. 37	2. 39	2. 70	2. 56	2. 57	2. 37	2. 37	2. 38	2. 70
Y 107. 0	2. 79	2. 69	2. 38	2. 37	2. 39	2. 67	2. 54	2. 56	2. 38	2. 37	2. 38	2. 64
Y 108. 0	2. 72	2. 60	2. 38	2. 37	2. 39	2. 64	2. 52	2. 56	2. 38	2. 37	2. 38	2. 58
Y 109. 0	2. 63	2. 54	2. 38	2. 37	2. 38	2. 61	2. 51	2. 56	2. 38	2. 37	2. 38	2. 53
Y 110. 0	2. 57	2. 49	2. 39	2. 37	2. 39	2. 59	2. 50	2. 57	2. 38	2. 37	2. 39	2. 50
Y 111. 0	2. 54	2. 45	2. 38	2. 36	2. 39	2. 57	2. 50	2. 55	2. 38	2. 37	2. 38	2. 46
Y 112. 0	2. 50	2. 42	2. 38	2. 37	2. 38	2. 56	2. 47	2. 53	2. 38	2. 37	2. 38	2. 43
Y 113. 0	2. 47	2. 39	2. 38	2. 38	2. 39	2. 54	2. 48	2. 51	2. 38	2. 38	2. 38	2. 41
Y 114. 0	2. 44	2. 39	2. 38	2. 38	2. 38	2. 52	2. 44	2. 50	2. 37	2. 37	2. 38	2. 40
Y 115. 0	2. 42	2. 39	2. 37	2. 37	2. 39	2. 51	2. 45	2. 48	2. 38	2. 37	2. 38	2. 39
Y 116. 0	2. 41	2. 39	2. 39	2. 37	2. 38	2. 51	2. 42	2. 46	2. 37	2. 37	2. 38	2. 39
Y 117. 0	2. 40	2. 38	2. 38	2. 38	2. 39	2. 49	2. 42	2. 44	2. 38	2. 37	2. 39	2. 39
Y 118. 0	2. 38	2. 38	2. 39	2. 38	2. 39	2. 47	2. 41	2. 43	2. 37	2. 37	2. 38	2. 39
Y 119. 0	2. 39	2. 38	2. 38	2. 38	2. 39	2. 44	2. 42	2. 41	2. 37	2. 37	2. 38	2. 39
Y 120. 0	2. 38	2. 38	2. 39	2. 38	2. 39	2. 43	2. 41	2. 39	2. 37	2. 37	2. 38	2. 39
Y 121. 0	2. 39	2. 38	2. 38	2. 38	2. 38	2. 42	2. 41	2. 38	2. 37	2. 37	2. 38	2. 38
Y 122. 0	2. 38	2. 38	2. 38	2. 38	2. 38	2. 40	2. 39	2. 38	2. 37	2. 37	2. 39	2. 38
Y 123. 0	2. 38	2. 38	2. 38	2. 38	2. 39	2. 40	2. 40	2. 37	2. 38	2. 37	2. 38	2. 38
Y 124. 0	2. 38	2. 38	2. 38	2. 38	2. 39	2. 39	2. 39	2. 37	2. 37	2. 37	2. 38	2. 38
Y 125. 0	2. 40	2. 39	2. 37	2. 38	2. 39	2. 38	2. 39	2. 37	2. 37	2. 36	2. 38	2. 38
Y 126. 0	2. 39	2. 38	2. 38	2. 38	2. 39	2. 38	2. 38	2. 37	2. 36	2. 36	2. 38	2. 38
Y 127. 0	2. 38	2. 38	2. 38	2. 38	2. 38	2. 38	2. 38	2. 37	2. 37	2. 37	2. 38	2. 38
Y 128. 0	2. 39	2. 38	2. 38	2. 38	2. 39	2. 38	2. 38	2. 37	2. 36	2. 37	2. 38	2. 39
Y 129. 0	2. 38	2. 37	2. 38	2. 38	2. 39	2. 38	2. 38	2. 37	2. 37	2. 37	2. 38	2. 39
Y 130. 0	2. 38	2. 38	2. 38	2. 38	2. 39	2. 38	2. 37	2. 36	2. 37	2. 36	2. 38	2. 38
Y 131. 0	2. 38	2. 38	2. 38	2. 38	2. 39	2. 38	2. 38	2. 36	2. 38	2. 37	2. 37	2. 38
Y 132. 0	2. 38	2. 38	2. 38	2. 38	2. 39	2. 38	2. 37	2. 37	2. 36	2. 37	2. 37	2. 38
Y 133. 0	2. 38	2. 38	2. 38	2. 37	2. 38	2. 38	2. 37	2. 37	2. 37	2. 37	2. 38	2. 38
Y 134. 0	2. 38	2. 38	2. 39	2. 38	2. 39	2. 38	2. 38	2. 37	2. 36	2. 37	2. 38	2. 38
Y 135. 0	2. 38	2. 38	2. 37	2. 37	2. 38	2. 38	2. 37	2. 37	2. 37	2. 37	2. 37	2. 38
Y 136. 0	2. 38	2. 38	2. 38	2. 38	2. 38	2. 38	2. 37	2. 37	2. 36	2. 37	2. 37	2. 38
Y 137. 0	2. 37	2. 38	2. 38	2. 37	2. 38	2. 38	2. 37	2. 37	2. 37	2. 36	2. 38	2. 38
Y 138. 0	2. 38	2. 38	2. 38	2. 38	2. 38	2. 38	2. 37	2. 36	2. 36	2. 36	2. 37	2. 38
Y 139. 0	2. 37	2. 38	2. 37	2. 37	2. 38	2. 38	2. 37	2. 36	2. 36	2. 37	2. 38	2. 37
Y 140. 0	2. 38	2. 38	2. 38	2. 37	2. 38	2. 38	2. 37	2. 36	2. 36	2. 37	2. 36	2. 37

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	2.37	2.37	2.38	2.37	2.38	2.38	2.37	2.36	2.37	2.37	2.38	2.37
Y 142.0	2.38	2.37	2.38	2.38	2.38	2.37	2.36	2.36	2.36	2.36	2.37	2.37
Y 143.0	2.38	2.37	2.38	2.38	2.39	2.38	2.37	2.37	2.36	2.36	2.37	2.37
Y 144.0	2.38	2.37	2.38	2.37	2.38	2.38	2.37	2.36	2.36	2.36	2.37	2.37
Y 145.0	2.37	2.37	2.38	2.37	2.38	2.37	2.36	2.36	2.37	2.36	2.37	2.37
Y 146.0	2.37	2.37	2.38	2.38	2.38	2.37	2.36	2.36	2.36	2.36	2.36	2.37
Y 147.0	2.37	2.37	2.38	2.37	2.38	2.38	2.36	2.36	2.37	2.37	2.38	2.37
Y 148.0	2.38	2.37	2.38	2.37	2.38	2.38	2.36	2.36	2.36	2.36	2.37	2.37
Y 149.0	2.37	2.37	2.38	2.37	2.37	2.37	2.36	2.36	2.36	2.37	2.37	2.37
Y 150.0	2.37	2.37	2.37	2.37	2.37	2.37	2.36	2.36	2.36	2.36	2.37	2.37
Y 151.0	2.36	2.37	2.38	2.37	2.38	2.38	2.36	2.36	2.36	2.36	2.37	2.36
Y 152.0	2.37	2.37	2.38	2.37	2.37	2.38	2.36	2.36	2.36	2.36	2.37	2.37
Y 153.0	2.37	2.36	2.37	2.36	2.37	2.37	2.36	2.36	2.36	2.36	2.36	2.37
Y 154.0	2.36	2.37	2.38	2.37	2.36	2.37	2.36	2.36	2.37	2.36	2.36	2.36
Y 155.0	2.36	2.37	2.37	2.37	2.37	2.37	2.35	2.36	2.36	2.36	2.37	2.36
Y 156.0	2.36	2.37	2.37	2.37	2.37	2.37	2.36	2.37	2.36	2.36	2.36	2.36
Y 157.0	2.37	2.37	2.38	2.36	2.37	2.36	2.36	2.36	2.36	2.36	2.36	2.37
Y 158.0	2.36	2.37	2.37	2.37	2.37	2.37	2.36	2.36	2.36	2.36	2.37	2.37
Y 159.0	2.37	2.37	2.37	2.37	2.37	2.37	2.36	2.36	2.36	2.36	2.37	2.37
Y 160.0	2.36	2.37	2.37	2.37	2.36	2.36	2.36	2.36	2.36	2.36	2.37	2.36
Y 161.0	2.36	2.37	2.37	2.37	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36
Y 162.0	2.36	2.37	2.37	2.36	2.37	2.36	2.37	2.36	2.36	2.35	2.37	2.36
Y 163.0	2.36	2.37	2.37	2.36	2.36	2.37	2.36	2.36	2.37	2.35	2.36	2.37
Y 164.0	2.36	2.38	2.37	2.37	2.36	2.37	2.36	2.36	2.36	2.35	2.36	2.36
Y 165.0	2.36	2.38	2.37	2.37	2.36	2.37	2.35	2.36	2.36	2.35	2.36	2.36
Y 166.0	2.36	2.37	2.37	2.36	2.36	2.37	2.35	2.36	2.36	2.35	2.37	2.35
Y 167.0	2.37	2.37	2.36	2.36	2.36	2.37	2.36	2.36	2.36	2.36	2.36	2.36
Y 168.0	2.37	2.37	2.37	2.36	2.37	2.37	2.36	2.36	2.36	2.36	2.37	2.36
Y 169.0	2.36	2.37	2.36	2.37	2.36	2.36	2.36	2.36	2.35	2.35	2.36	2.36
Y 170.0	2.36	2.37	2.37	2.36	2.36	2.36	2.36	2.36	2.35	2.35	2.36	2.36
Y 171.0	2.35	2.37	2.36	2.37	2.35	2.35	2.36	2.36	2.36	2.36	2.37	2.36
Y 172.0	2.36	2.37	2.37	2.36	2.36	2.36	2.36	2.37	2.36	2.36	2.36	2.37
Y 173.0	2.37	2.37	2.37	2.36	2.36	2.36	2.35	2.37	2.36	2.36	2.36	2.36
Y 174.0	2.36	2.36	2.37	2.36	2.37	2.36	2.36	2.36	2.36	2.36	2.36	2.36
Y 175.0	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36
Y 176.0	2.36	2.36	2.37	2.36	2.36	2.36	2.36	2.37	2.35	2.36	2.36	2.36
Y 177.0	2.36	2.36	2.37	2.37	2.35	2.36	2.35	2.37	2.36	2.36	2.36	2.36
Y 178.0	2.36	2.37	2.36	2.36	2.36	2.37	2.36	2.37	2.36	2.36	2.36	2.36
Y 179.0	2.36	2.36	2.36	2.36	2.36	2.36	2.35	2.36	2.36	2.36	2.36	2.36
Y 180.0	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36