

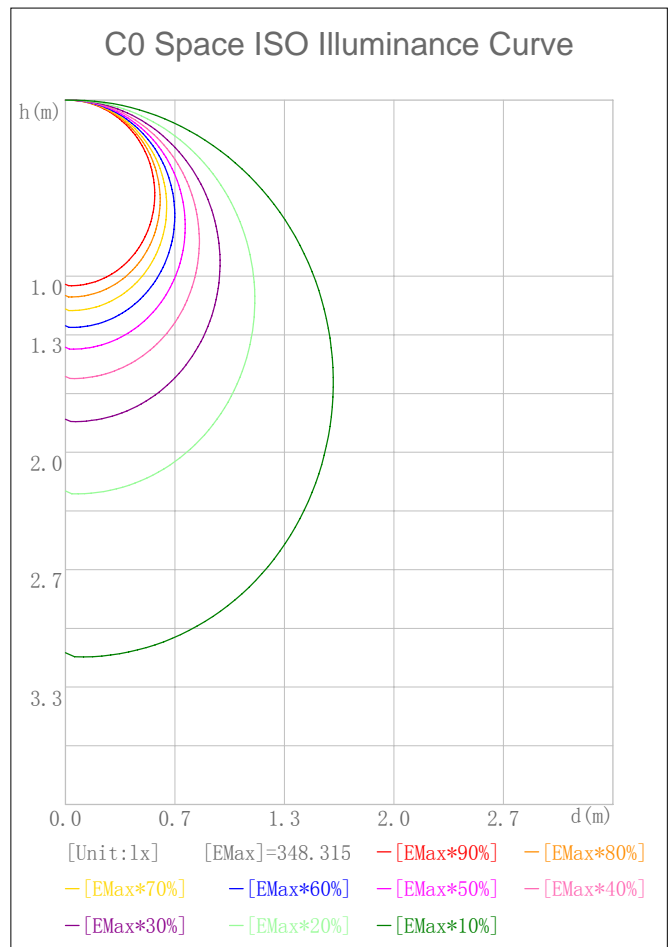
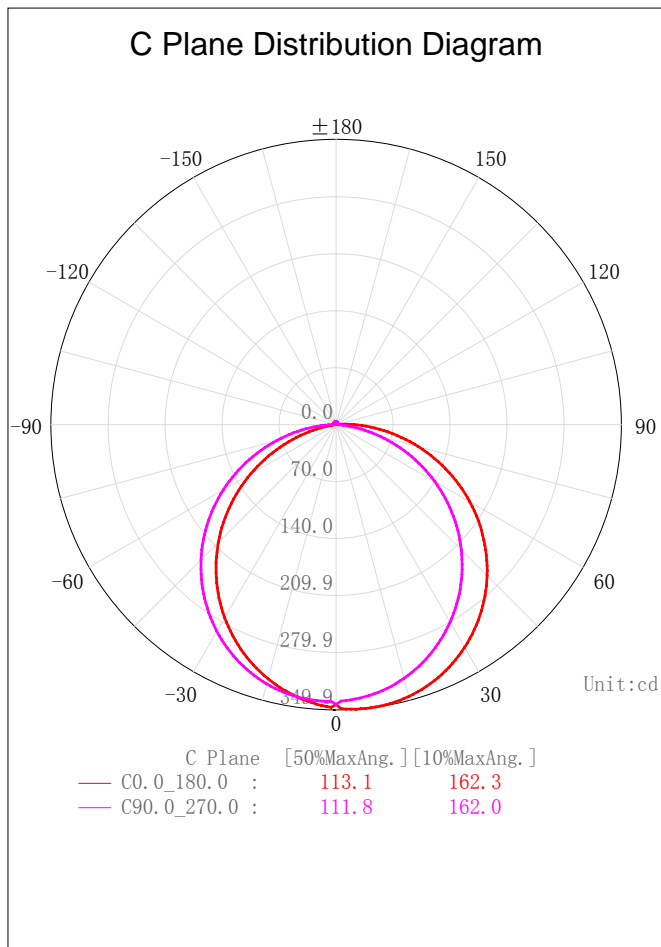
Indoor Luminaire Photometric Data

Description Information

Luminaire Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Date: 2019/02/25
Manufacture:	Shld. Ang(°):	Test Machine:GON-2000
Test Lab: 宁波益证产品技术服务有限公司, 0547-87970662	Frequency (Hz):	Lamp CCT(K): Ra:
Lum. Size (W*L*H): 0.580m*0.580m*0.000m	Lum. Area (m2): 0.336	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=22.5 γ=1.0	Temp. (°C): 25
		Humidity(%): 50.0

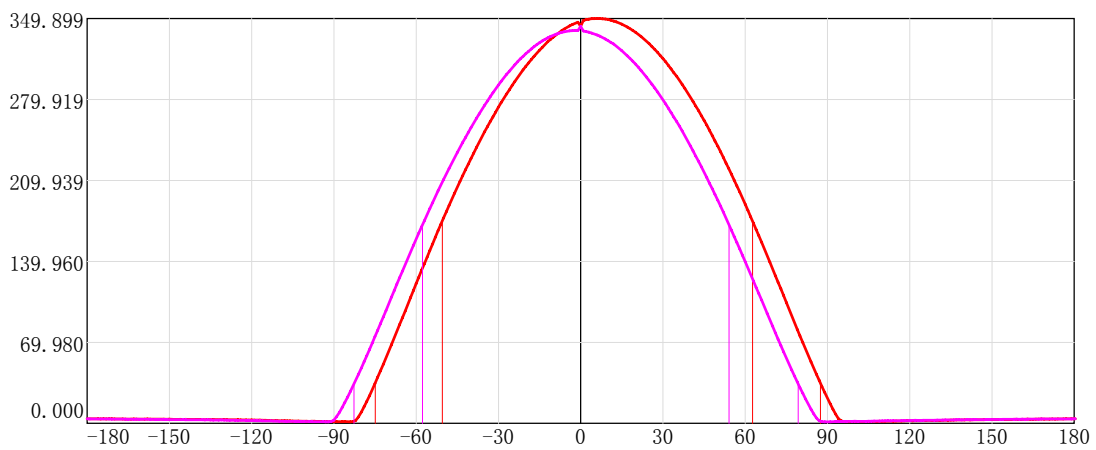
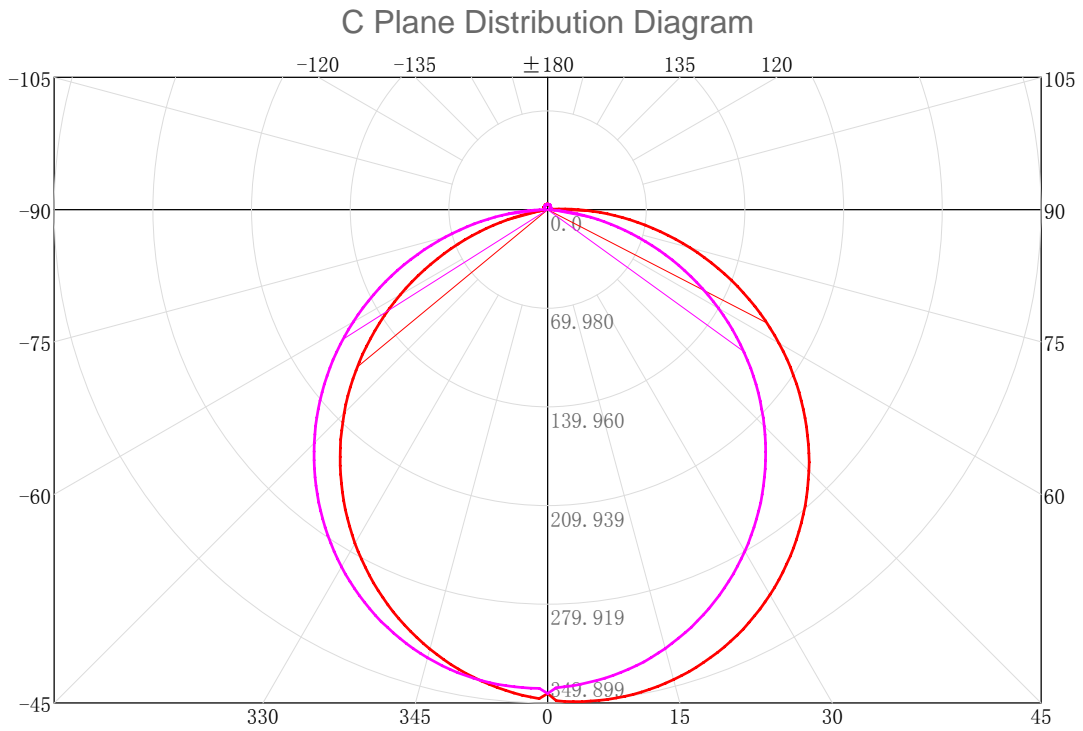
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1003.970	Luminaire Flux(lm): 1003.968	Field Angle(10%Imax): 162.3(°)	
Rated Power(W):	Luminaire Efficiency: 100.00%	Down Lumens&Percent: 987.111lm 98.32%	
Rated Voltage(V):	Luminaire EER(lm/W): 67.836	Up Lumens&Percent: 16.857lm 1.68%	
Tested Power(W): 14.800	Max. Candela(cd): 349.899	S/MH: C0_a180=1.273 C90_270=1.241	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=6.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf): 220.0, 0.114, 0.585	Beam Angle(50%Imax): 113.1(°)	ErP φ use(120°): 765.778lm	
Lamp Size (W*L*H): 0.580m*0.580m*0.000m	Left=-50.4°, Right=62.7°	IRF(%): 106.378	



2D Plane Light Intensity Distribution Curve

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab: 宁波益证产品技术服务有限公司, 05
Manufacture:	Test Machine:GON-2000	Test Date: 2019/02/25

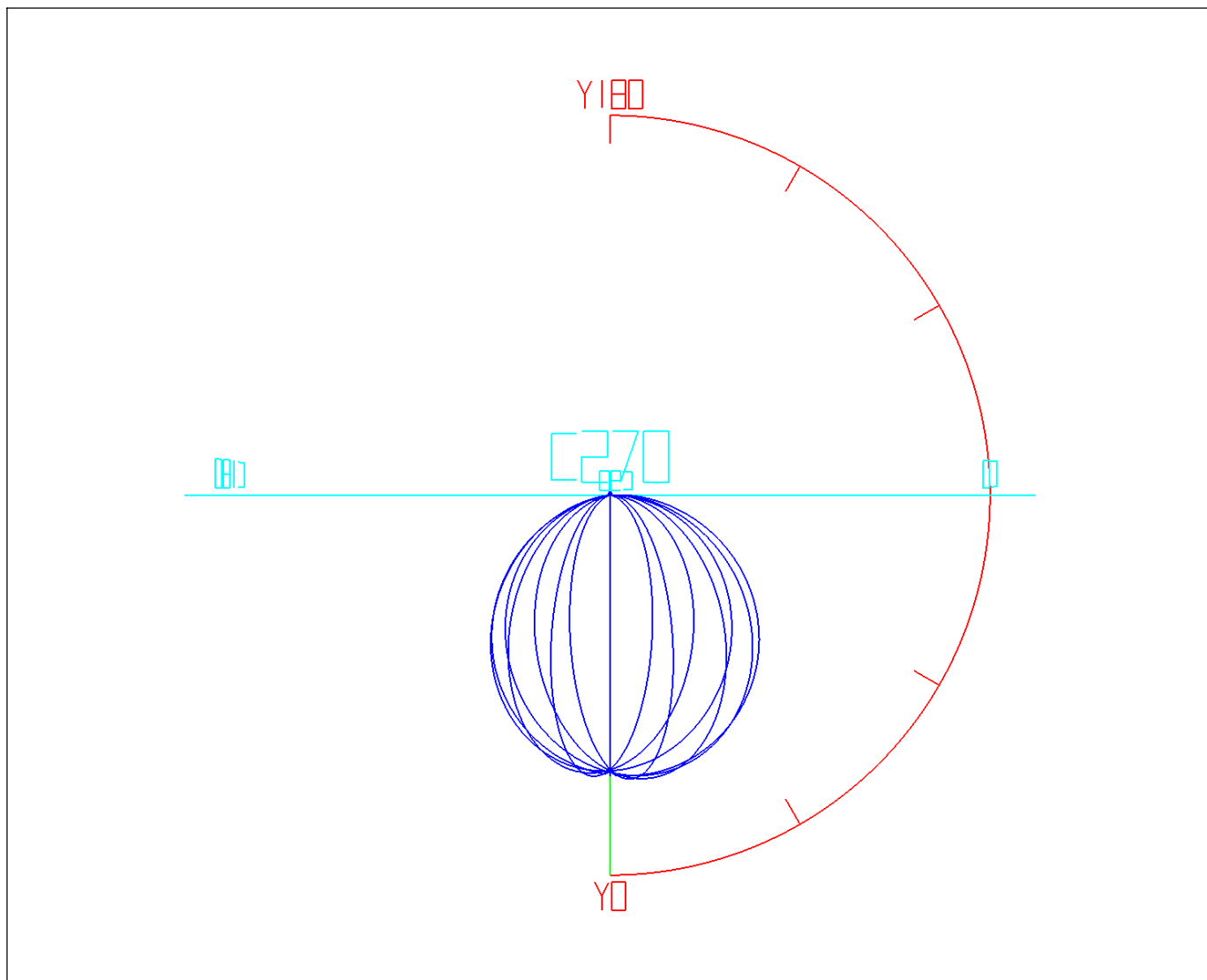


C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
— C0.0_180.0 :	113.1	162.3	
— C90.0_270.0 :	111.8	162.0	

3D Light Intensity Distribution Modal

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab: 宁波益证产品技术服务有限公司, 05
Manufacture:	Test Machine:GON-2000	Test Date: 2019/02/25

3D Light Intensity Distribution Modal



Curves: 3D Model ——— Fixture ——— Vert. HUD ——— Hori. HUD ———
View Angles: Orient:0 Tilt:0 Roll:0 Spin:0

IES Indoor Report
Photometric Filename:1.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	0.33	0.33	0.03	0.03	47.0-48.0	17.52	576.81	1.75	57.45
1.0-2.0	0.98	1.31	0.10	0.13	48.0-49.0	17.40	594.21	1.73	59.19
2.0-3.0	1.64	2.95	0.16	0.29	49.0-50.0	17.26	611.47	1.72	60.90
3.0-4.0	2.29	5.23	0.23	0.52	50.0-51.0	17.09	628.56	1.70	62.61
4.0-5.0	2.94	8.17	0.29	0.81	51.0-52.0	16.90	645.45	1.68	64.29
5.0-6.0	3.58	11.75	0.36	1.17	52.0-53.0	16.69	662.14	1.66	65.95
6.0-7.0	4.22	15.97	0.42	1.59	53.0-54.0	16.45	678.59	1.64	67.59
7.0-8.0	4.85	20.82	0.48	2.07	54.0-55.0	16.19	694.78	1.61	69.20
8.0-9.0	5.48	26.30	0.55	2.62	55.0-56.0	15.92	710.70	1.59	70.79
9.0-10.0	6.10	32.40	0.61	3.23	56.0-57.0	15.62	726.32	1.56	72.34
10.0-11.0	6.71	39.10	0.67	3.89	57.0-58.0	15.30	741.62	1.52	73.87
11.0-12.0	7.31	46.41	0.73	4.62	58.0-59.0	14.96	756.58	1.49	75.36
12.0-13.0	7.90	54.31	0.79	5.41	59.0-60.0	14.60	771.18	1.45	76.81
13.0-14.0	8.48	62.79	0.84	6.25	60.0-61.0	14.22	785.40	1.42	78.23
14.0-15.0	9.05	71.84	0.90	7.16	61.0-62.0	13.83	799.23	1.38	79.61
15.0-16.0	9.60	81.45	0.96	8.11	62.0-63.0	13.41	812.65	1.34	80.94
16.0-17.0	10.15	91.59	1.01	9.12	63.0-64.0	12.98	825.63	1.29	82.24
17.0-18.0	10.68	102.27	1.06	10.19	64.0-65.0	12.54	838.16	1.25	83.48
18.0-19.0	11.19	113.46	1.11	11.30	65.0-66.0	12.08	850.24	1.20	84.69
19.0-20.0	11.69	125.15	1.16	12.47	66.0-67.0	11.60	861.84	1.16	85.84
20.0-21.0	12.17	137.32	1.21	13.68	67.0-68.0	11.11	872.96	1.11	86.95
21.0-22.0	12.64	149.96	1.26	14.94	68.0-69.0	10.61	883.57	1.06	88.01
22.0-23.0	13.09	163.04	1.30	16.24	69.0-70.0	10.10	893.67	1.01	89.01
23.0-24.0	13.52	176.56	1.35	17.59	70.0-71.0	9.58	903.25	0.95	89.97
24.0-25.0	13.93	190.49	1.39	18.97	71.0-72.0	9.05	912.30	0.90	90.87
25.0-26.0	14.33	204.82	1.43	20.40	72.0-73.0	8.51	920.81	0.85	91.72
26.0-27.0	14.70	219.52	1.46	21.87	73.0-74.0	7.97	928.78	0.79	92.51
27.0-28.0	15.06	234.58	1.50	23.36	74.0-75.0	7.42	936.21	0.74	93.25
28.0-29.0	15.39	249.97	1.53	24.90	75.0-76.0	6.87	943.08	0.68	93.94
29.0-30.0	15.71	265.67	1.56	26.46	76.0-77.0	6.32	949.40	0.63	94.56
30.0-31.0	16.00	281.67	1.59	28.06	77.0-78.0	5.77	955.17	0.57	95.14
31.0-32.0	16.27	297.94	1.62	29.68	78.0-79.0	5.22	960.39	0.52	95.66
32.0-33.0	16.52	314.46	1.65	31.32	79.0-80.0	4.67	965.06	0.47	96.12
33.0-34.0	16.75	331.21	1.67	32.99	80.0-81.0	4.14	969.20	0.41	96.54
34.0-35.0	16.96	348.17	1.69	34.68	81.0-82.0	3.61	972.81	0.36	96.90
35.0-36.0	17.14	365.31	1.71	36.39	82.0-83.0	3.11	975.93	0.31	97.21
36.0-37.0	17.30	382.61	1.72	38.11	83.0-84.0	2.65	978.58	0.26	97.47
37.0-38.0	17.44	400.05	1.74	39.85	84.0-85.0	2.24	980.82	0.22	97.69
38.0-39.0	17.55	417.60	1.75	41.59	85.0-86.0	1.86	982.68	0.19	97.88
39.0-40.0	17.64	435.24	1.76	43.35	86.0-87.0	1.52	984.20	0.15	98.03
40.0-41.0	17.71	452.95	1.76	45.12	87.0-88.0	1.22	985.42	0.12	98.15
41.0-42.0	17.75	470.70	1.77	46.88	88.0-89.0	0.95	986.38	0.10	98.25
42.0-43.0	17.77	488.47	1.77	48.65	89.0-90.0	0.74	987.11	0.07	98.32
43.0-44.0	17.77	506.24	1.77	50.42	90.0-91.0	0.56	987.67	0.06	98.38
44.0-45.0	17.74	523.98	1.77	52.19	91.0-92.0	0.41	988.07	0.04	98.42
45.0-46.0	17.69	541.67	1.76	53.95	92.0-93.0	0.29	988.37	0.03	98.45
46.0-47.0	17.62	559.29	1.75	55.71	93.0-94.0	0.22	988.59	0.02	98.47

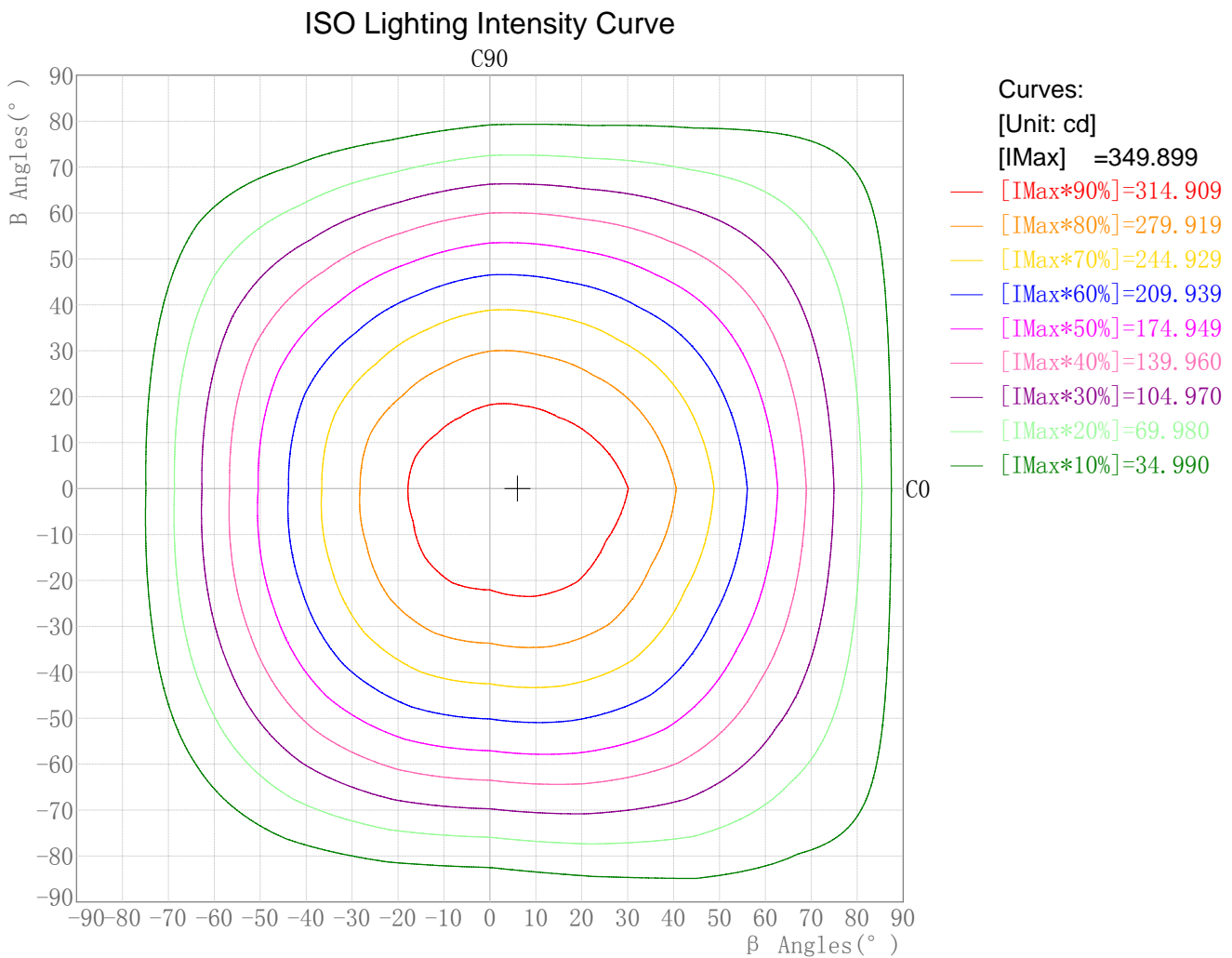
IES Indoor Report
Photometric Filename:1.IES

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	988.78	0.02	98.49	141.0-142.0	0.22	999.26	0.02	99.53
95.0-96.0	0.18	988.96	0.02	98.50	142.0-143.0	0.22	999.48	0.02	99.55
96.0-97.0	0.18	989.13	0.02	98.52	143.0-144.0	0.21	999.69	0.02	99.57
97.0-98.0	0.18	989.32	0.02	98.54	144.0-145.0	0.21	999.90	0.02	99.59
98.0-99.0	0.19	989.50	0.02	98.56	145.0-146.0	0.21	1000.11	0.02	99.62
99.0-100.0	0.19	989.69	0.02	98.58	146.0-147.0	0.20	1000.31	0.02	99.64
100.0-101.0	0.19	989.88	0.02	98.60	147.0-148.0	0.20	1000.51	0.02	99.66
101.0-102.0	0.19	990.07	0.02	98.62	148.0-149.0	0.19	1000.70	0.02	99.67
102.0-103.0	0.20	990.27	0.02	98.64	149.0-150.0	0.19	1000.89	0.02	99.69
103.0-104.0	0.20	990.47	0.02	98.65	150.0-151.0	0.19	1001.08	0.02	99.71
104.0-105.0	0.20	990.67	0.02	98.67	151.0-152.0	0.18	1001.26	0.02	99.73
105.0-106.0	0.20	990.87	0.02	98.70	152.0-153.0	0.18	1001.44	0.02	99.75
106.0-107.0	0.21	991.08	0.02	98.72	153.0-154.0	0.17	1001.61	0.02	99.77
107.0-108.0	0.21	991.29	0.02	98.74	154.0-155.0	0.17	1001.78	0.02	99.78
108.0-109.0	0.21	991.50	0.02	98.76	155.0-156.0	0.16	1001.94	0.02	99.80
109.0-110.0	0.22	991.72	0.02	98.78	156.0-157.0	0.16	1002.10	0.02	99.81
110.0-111.0	0.22	991.94	0.02	98.80	157.0-158.0	0.15	1002.25	0.02	99.83
111.0-112.0	0.22	992.16	0.02	98.82	158.0-159.0	0.15	1002.40	0.01	99.84
112.0-113.0	0.22	992.38	0.02	98.85	159.0-160.0	0.14	1002.54	0.01	99.86
113.0-114.0	0.23	992.61	0.02	98.87	160.0-161.0	0.13	1002.67	0.01	99.87
114.0-115.0	0.23	992.84	0.02	98.89	161.0-162.0	0.13	1002.80	0.01	99.88
115.0-116.0	0.23	993.07	0.02	98.91	162.0-163.0	0.12	1002.92	0.01	99.90
116.0-117.0	0.23	993.30	0.02	98.94	163.0-164.0	0.12	1003.04	0.01	99.91
117.0-118.0	0.24	993.54	0.02	98.96	164.0-165.0	0.11	1003.15	0.01	99.92
118.0-119.0	0.24	993.77	0.02	98.98	165.0-166.0	0.10	1003.25	0.01	99.93
119.0-120.0	0.24	994.01	0.02	99.01	166.0-167.0	0.10	1003.35	0.01	99.94
120.0-121.0	0.24	994.25	0.02	99.03	167.0-168.0	0.09	1003.44	0.01	99.95
121.0-122.0	0.24	994.50	0.02	99.06	168.0-169.0	0.08	1003.52	0.01	99.96
122.0-123.0	0.24	994.74	0.02	99.08	169.0-170.0	0.08	1003.60	0.01	99.96
123.0-124.0	0.24	994.98	0.02	99.10	170.0-171.0	0.07	1003.67	0.01	99.97
124.0-125.0	0.24	995.23	0.02	99.13	171.0-172.0	0.06	1003.73	0.01	99.98
125.0-126.0	0.24	995.47	0.02	99.15	172.0-173.0	0.06	1003.78	0.01	99.98
126.0-127.0	0.25	995.72	0.02	99.18	173.0-174.0	0.05	1003.83	0.00	99.99
127.0-128.0	0.25	995.96	0.02	99.20	174.0-175.0	0.04	1003.87	0.00	99.99
128.0-129.0	0.24	996.21	0.02	99.23	175.0-176.0	0.03	1003.91	0.00	99.99
129.0-130.0	0.24	996.45	0.02	99.25	176.0-177.0	0.03	1003.93	0.00	100.00
130.0-131.0	0.24	996.70	0.02	99.28	177.0-178.0	0.02	1003.95	0.00	100.00
131.0-132.0	0.24	996.94	0.02	99.30	178.0-179.0	0.01	1003.96	0.00	100.00
132.0-133.0	0.24	997.18	0.02	99.32	179.0-180.0	0.00	1003.97	0.00	100.00
133.0-134.0	0.24	997.42	0.02	99.35					
134.0-135.0	0.24	997.66	0.02	99.37					
135.0-136.0	0.24	997.89	0.02	99.39					
136.0-137.0	0.23	998.13	0.02	99.42					
137.0-138.0	0.23	998.36	0.02	99.44					
138.0-139.0	0.23	998.59	0.02	99.46					
139.0-140.0	0.23	998.82	0.02	99.49					
140.0-141.0	0.22	999.04	0.02	99.51					

Rectangle ISO Lighting Intensity Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab: 宁波益证产品技术服务有限公司, 05
Manufacture:	Test Machine:GON-2000	Test Date: 2019/02/25

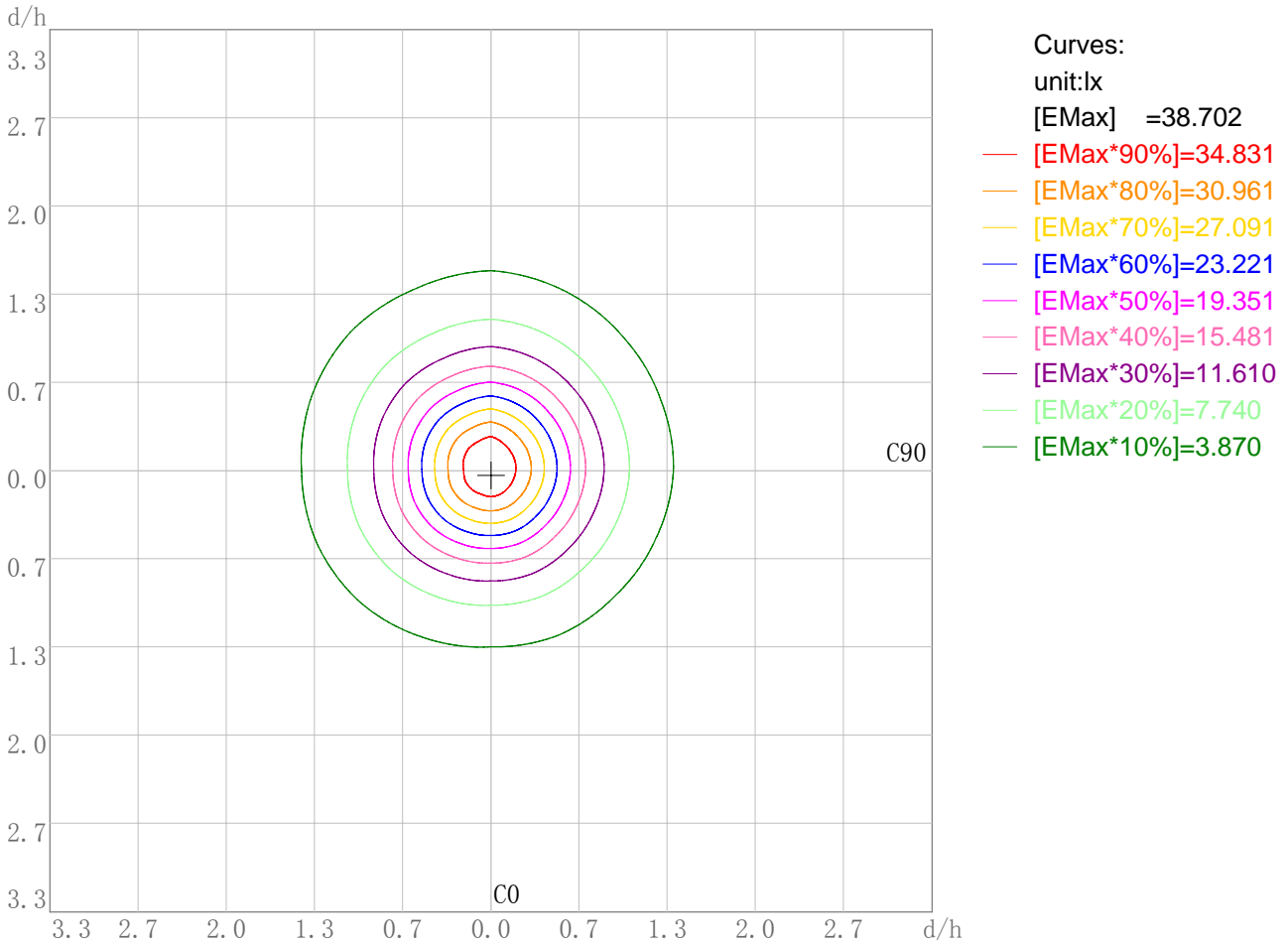


Maximum Light Intensity(cd): 349.90
Maximum Cand.@Angle: H=6.0°,V=0.0°

Plane ISO-Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab: 宁波益证产品技术服务有限公司, 05
Manufacture:	Test Machine:GON-2000	Test Date: 2019/02/25

Plane ISO-Illuminance Curve

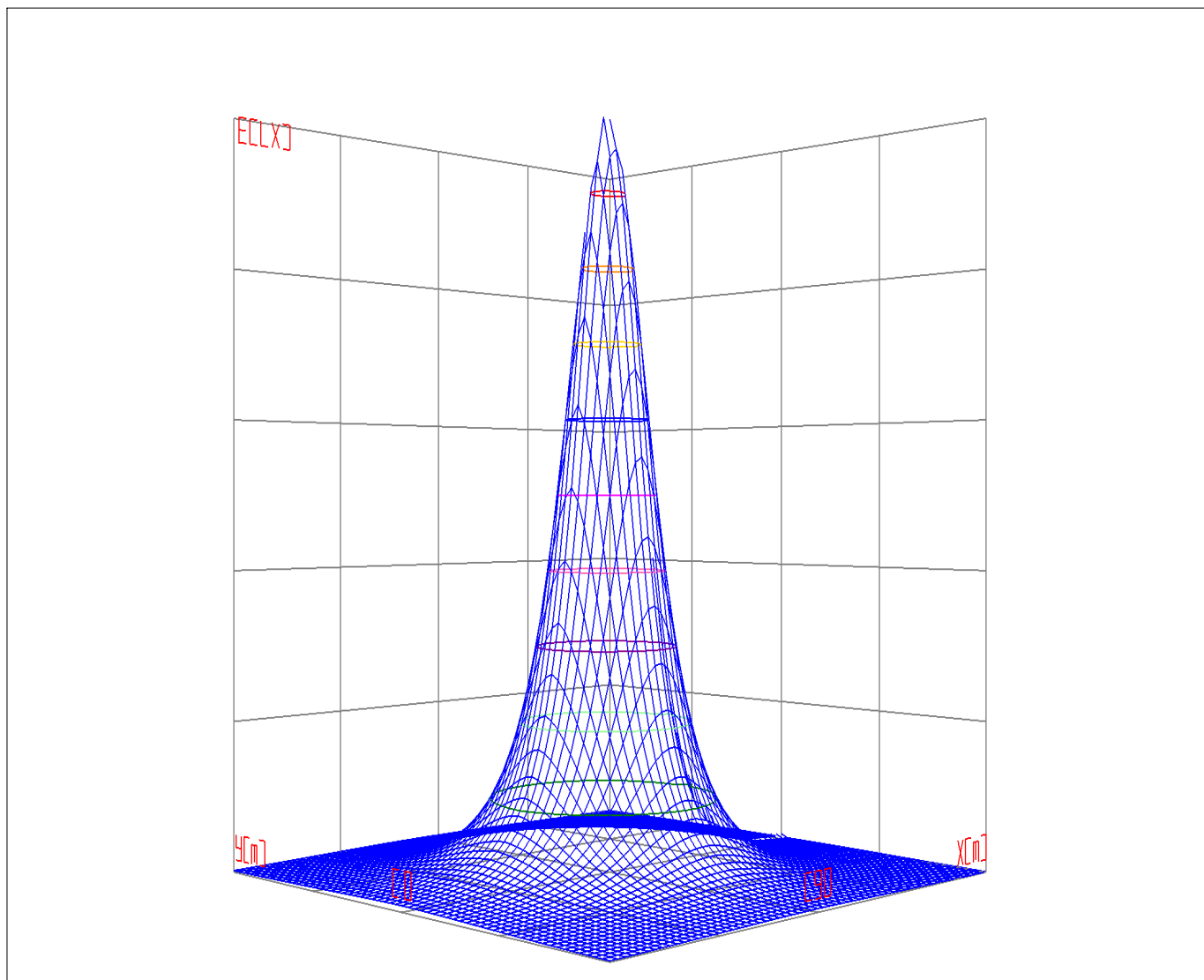


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 38.70
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

3D Plane ISO Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab: 宁波益证产品技术服务有限公司, 05
Manufacture:	Test Machine:GON-2000	Test Date: 2019/02/25

3D Plane Illuminance Modal

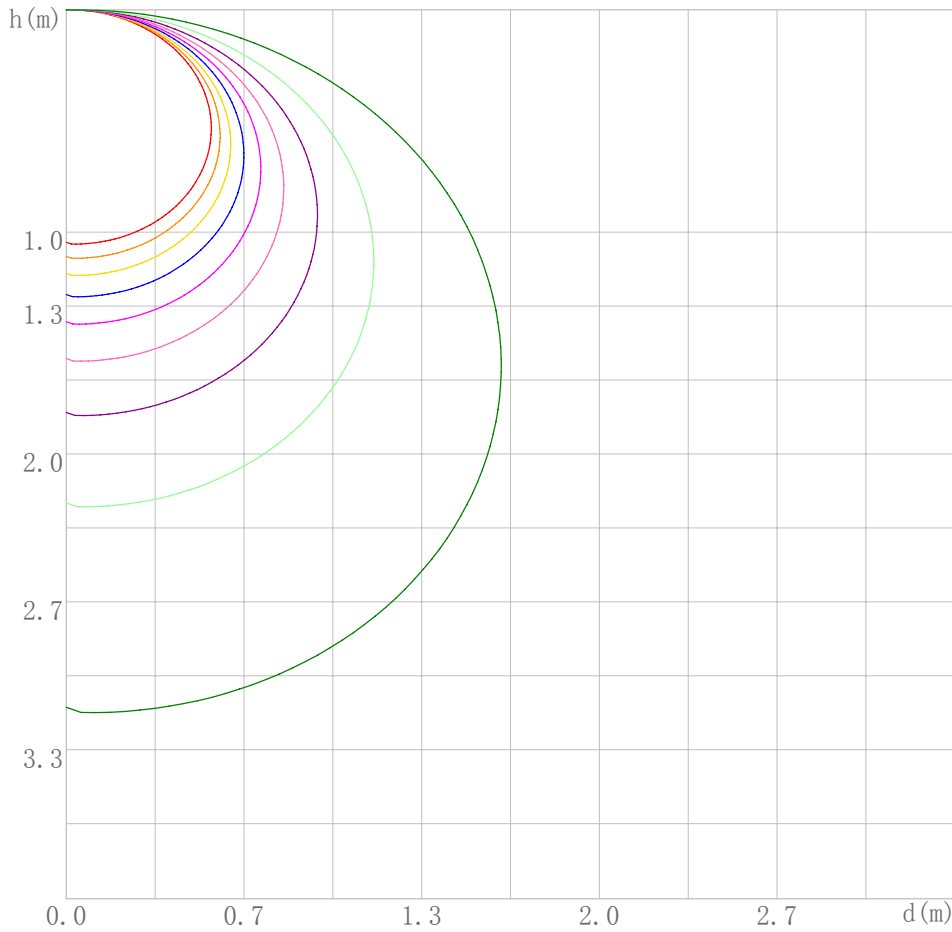


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
 View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab: 宁波益证产品技术服务有限公司, 05
Manufacture:	Test Machine:GON-2000	Test Date: 2019/02/25

Space ISO Illuminance Curve

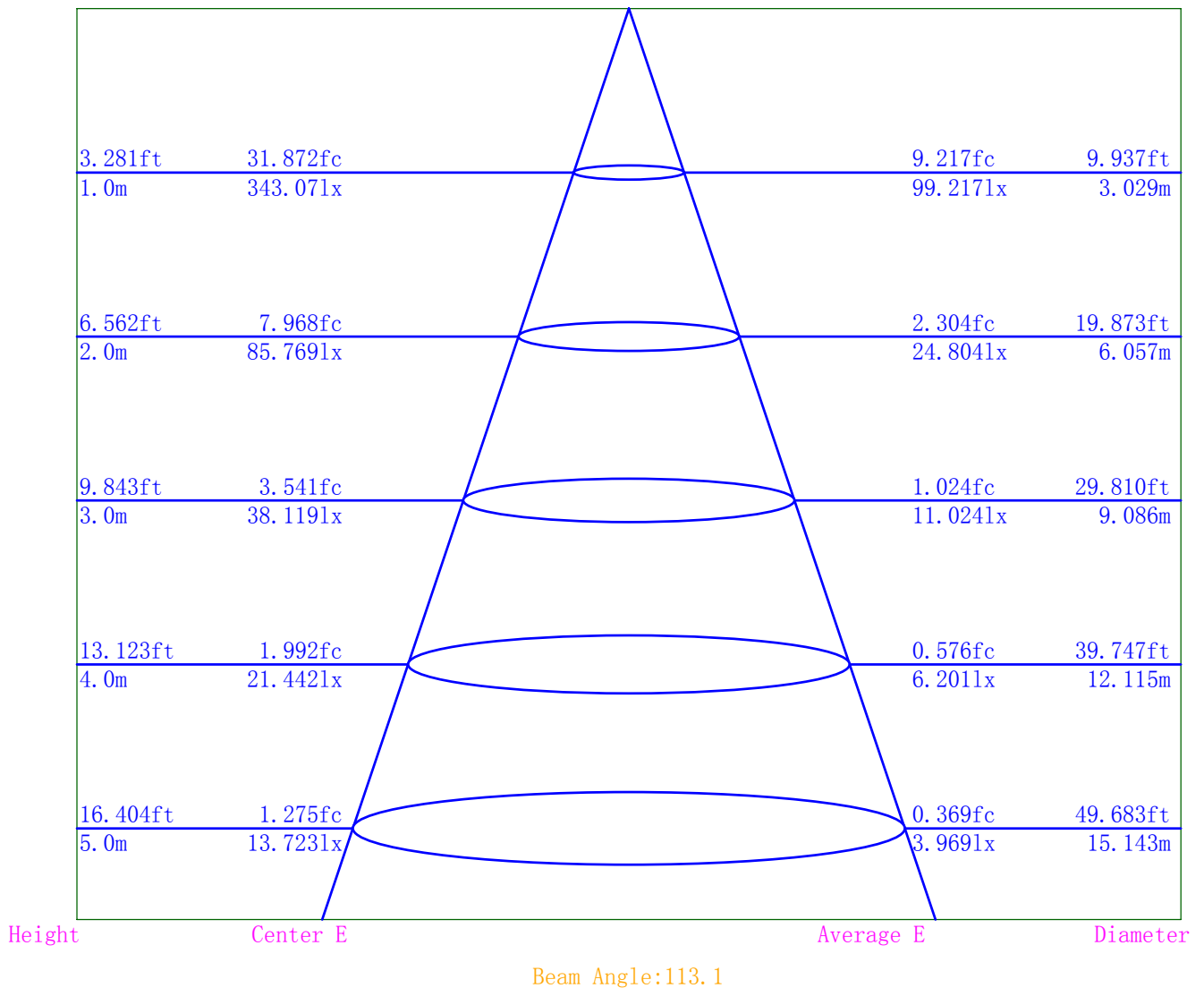


Space Plane Maximum Illuminance and @Angle:348.31lx,2.0deg
 Plane Maximum Lighting Intensity and @Angle:349.899cd,0deg

Illuminance-Distance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab: 宁波益证产品技术服务有限公司, 05
Manufacture:	Test Machine:GON-2000	Test Date: 2019/02/25

Illuminance-Distance Curve



Indoor Luminance Limiting Curves

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab: 宁波益证产品技术服务有限公司, 05
Manufacture:	Test Machine:GON-2000	Test Date: 2019/02/25

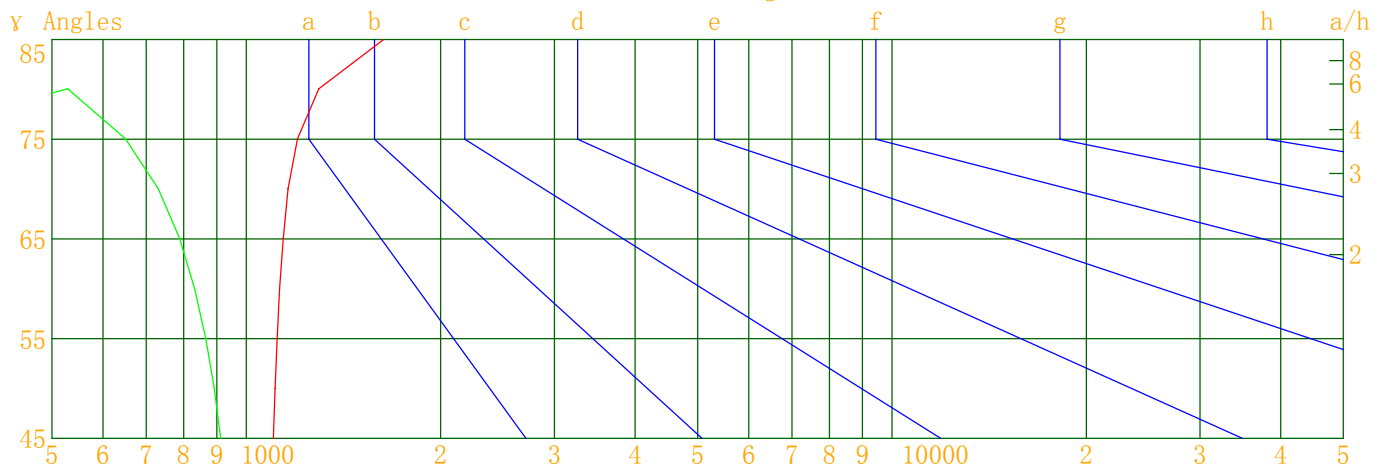
Glare Grade Table

GI	Quality	Using Illuminance							
		a	b	c	d	e	f	g	h
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	1101	1108	1116	1126	1141	1161	1201	1295	1632
C90	913	892	865	831	789	731	650	529	284

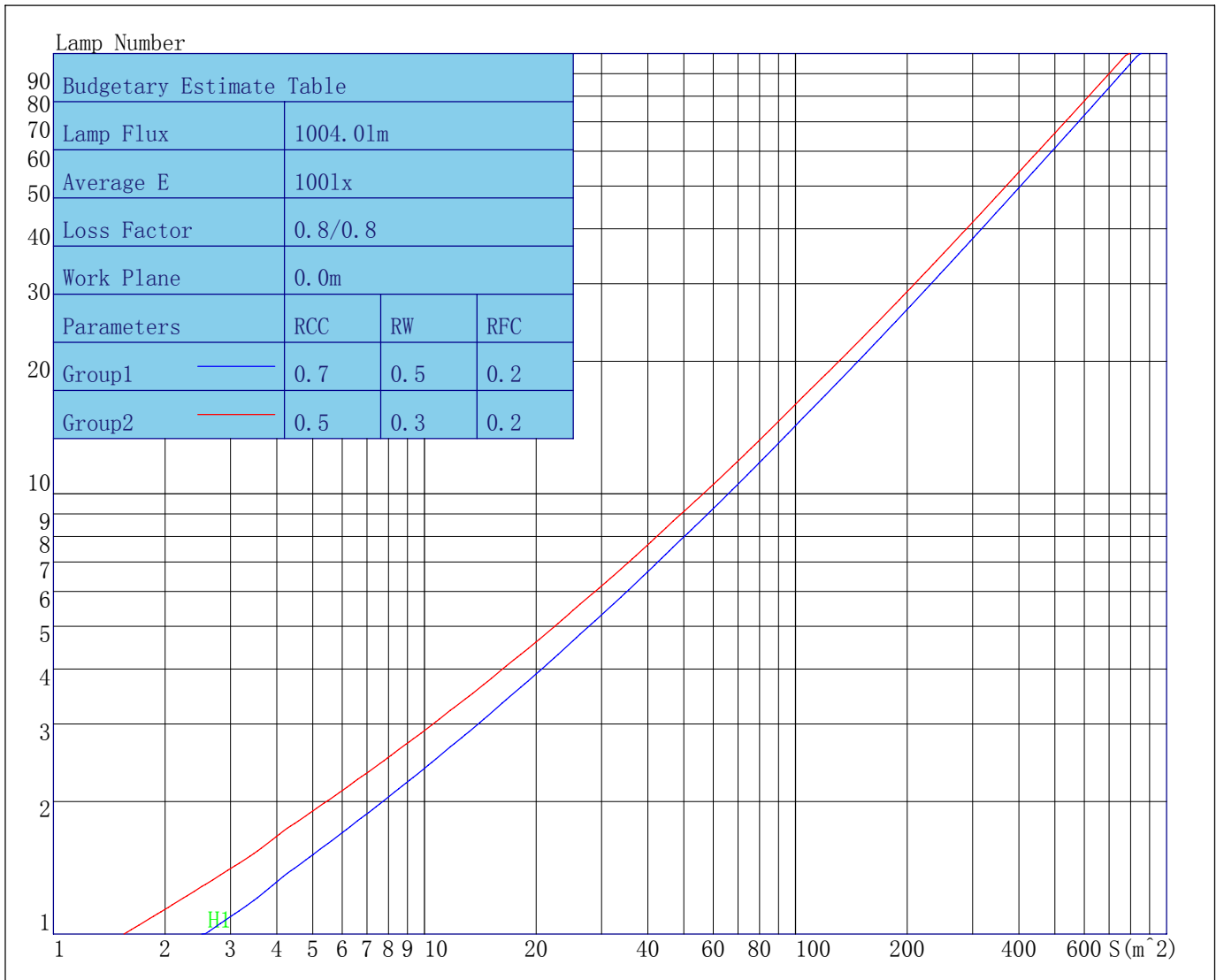
Luminance Limiting Curve



Luminous Size: Length(m)=0.580 Width(m)=0.580 Height(m)=0.000 Area(m²)=0.336400
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

Indoor Budgetary Estimate Table

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab: 宁波益证产品技术服务有限公司, 05
Manufacture:	Test Machine:GON-2000	Test Date: 2019/02/25



Parameters1: Rhocc = 0.7 Rhow = 0.5 Rhofc = 0.2 LLF = 0.8
 Parameters2: Rhocc = 0.5 Rhow = 0.3 Rhofc = 0.2 LLF = 0.8
 Average Illuminance(lx): 100 Cavity Height: H1(m) = 2

Indoor Coefficient of Utilization Table

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab: 宁波益证产品技术服务有限公司, 05
Manufacture:	Test Machine:GON-2000	Test Date: 2019/02/25

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	108	103	99	95	105	101	97	93	96	93	90	92	89	87	88	86	84	82
2	98	90	83	77	95	88	81	76	84	79	74	80	76	72	77	73	70	68
3	89	79	70	64	87	77	69	63	74	67	62	71	65	61	68	63	59	57
4	82	70	61	54	79	68	60	54	65	58	53	63	57	52	61	55	51	49
5	75	62	53	46	73	61	52	46	59	51	45	56	50	45	54	49	44	42
6	69	56	47	40	67	55	46	40	53	45	40	51	44	39	49	43	39	37
7	64	51	42	36	62	50	41	35	48	41	35	46	40	35	45	39	34	32
8	60	46	38	32	58	45	37	32	44	37	31	43	36	31	41	35	31	29
9	56	42	34	29	54	42	34	28	40	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	39	31	26	37	30	26	36	30	25	35	29	25	23

Unified Glare Rating Table

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab: 宁波益证产品技术服务有限公司, 05
Manufacture:	Test Machine: GON-2000	Test Date: 2019/02/25

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	Viewed crosswise					Viewed endwise				
X=2H Y=2H	13.1	14.7	13.4	15.0	15.4	11.5	13.1	11.8	13.4	13.8
Y=3H	15.1	16.5	15.5	16.9	17.3	12.9	14.4	13.3	14.8	15.2
Y=4H	16.0	17.4	16.4	17.7	18.2	13.5	14.9	13.9	15.3	15.7
Y=6H	16.8	18.1	17.3	18.5	18.9	13.9	15.1	14.3	15.5	16.0
Y=8H	17.2	18.4	17.7	18.9	19.3	14.0	15.2	14.4	15.6	16.0
Y=12H	17.6	18.8	18.0	19.2	19.6	14.0	15.2	14.4	15.6	16.0
X=4H Y=2H	13.8	15.2	14.2	15.5	16.0	12.2	13.6	12.6	14.0	14.4
Y=3H	16.0	17.1	16.4	17.5	18.0	13.8	15.0	14.3	15.4	15.9
Y=4H	17.0	18.1	17.5	18.5	19.0	14.5	15.5	14.9	16.0	16.5
Y=6H	18.0	18.9	18.5	19.4	19.9	14.9	15.9	15.4	16.3	16.8
Y=8H	18.5	19.3	19.0	19.8	20.3	15.1	15.9	15.5	16.4	16.9
Y=12H	18.9	19.7	19.4	20.2	20.7	15.1	15.9	15.6	16.4	16.9
X=8H Y=4H	17.3	18.2	17.8	18.7	19.2	14.8	15.7	15.3	16.1	16.6
Y=6H	18.5	19.2	19.0	19.7	20.4	15.3	16.1	15.9	16.6	17.2
Y=8H	19.1	19.7	19.6	20.2	20.8	15.5	16.1	16.0	16.7	17.2
Y=12H	19.6	20.2	20.2	20.7	21.3	15.6	16.1	16.1	16.7	17.2
X=12H Y=4H	17.4	18.2	17.9	18.7	19.2	14.9	15.6	15.4	16.1	16.6
Y=6H	18.6	19.2	19.1	19.7	20.3	15.4	16.1	16.0	16.6	17.1
Y=8H	19.2	19.8	19.7	20.3	20.9	15.6	16.2	16.1	16.7	17.3
Variations with the observer position at spacings										
S=1.0H	0.3/-0.3					0.7/-0.8				
S=1.5H	0.5/-0.6					1.1/-1.4				
S=2.0H	0.5/-0.6					1.4/-1.7				
Reduced UGR Table:										
Nordic Standard Table:	BKO					BKO				
Correction Value	3.7					2.4				

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

IES Indoor Report
Photometric Filename:1.IES

Candela Tabulation

V/H	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5	C225.0	C247.5
Y 0.0	343.07	343.07	343.07	343.07	343.07	343.07	343.07	343.07	343.07	343.07	343.07	343.07
Y 1.0	348.29	343.05	341.41	340.63	339.13	340.28	341.89	343.73	346.74	342.25	341.39	340.92
Y 2.0	348.95	343.30	341.32	340.23	338.56	339.41	341.10	342.94	345.75	341.70	341.10	340.95
Y 3.0	349.40	343.52	341.09	339.85	338.09	338.52	340.19	341.91	344.79	340.90	340.77	340.67
Y 4.0	349.79	343.46	340.77	339.29	337.33	337.58	339.00	340.89	343.58	339.95	340.26	340.51
Y 5.0	349.76	343.30	340.21	338.49	336.46	336.49	337.72	339.73	342.15	338.94	339.66	340.10
Y 6.0	349.90	343.10	339.63	337.77	335.61	335.32	336.38	338.41	340.72	337.88	338.84	339.57
Y 7.0	349.86	342.77	338.92	336.56	334.64	333.91	334.96	336.92	339.19	336.65	338.01	338.96
Y 8.0	349.63	342.32	338.02	335.67	333.51	332.60	333.26	335.62	337.47	335.23	336.92	338.14
Y 9.0	349.47	341.75	337.12	334.40	332.22	330.98	331.70	333.69	335.61	333.85	335.79	337.24
Y 10.0	349.04	341.05	335.85	333.01	330.88	329.33	329.79	332.06	333.83	332.40	334.70	336.34
Y 11.0	348.48	340.22	334.76	331.77	329.35	327.52	327.78	330.05	331.87	330.55	333.34	335.23
Y 12.0	347.70	339.21	333.40	330.05	327.86	325.59	325.60	328.19	329.81	328.65	332.02	334.04
Y 13.0	347.02	338.07	331.88	328.38	326.01	323.57	323.40	325.93	327.41	326.63	330.31	332.54
Y 14.0	346.02	336.88	330.45	326.61	323.99	321.35	321.11	323.79	324.88	324.53	328.56	331.07
Y 15.0	345.01	335.51	328.73	324.74	322.15	319.21	318.70	321.39	322.53	322.48	326.74	329.33
Y 16.0	343.84	334.22	326.76	322.75	319.84	316.85	316.18	318.91	319.91	320.14	324.80	327.62
Y 17.0	342.61	332.64	324.86	320.46	317.72	314.39	313.69	316.35	317.23	317.81	322.66	325.75
Y 18.0	341.20	330.96	322.79	318.25	315.44	311.87	310.82	313.89	314.44	315.20	320.61	323.90
Y 19.0	339.61	329.08	320.70	315.80	313.17	309.13	307.89	311.01	311.54	312.66	318.26	321.83
Y 20.0	337.94	327.08	318.40	313.44	310.43	306.30	305.01	308.14	308.53	309.88	315.89	319.54
Y 21.0	336.25	325.10	315.91	310.76	307.83	303.37	301.89	305.05	305.47	307.04	313.46	317.26
Y 22.0	334.43	322.94	313.52	308.06	305.14	300.34	298.84	301.95	302.24	304.11	310.87	314.94
Y 23.0	332.38	320.71	310.97	305.28	302.18	297.33	295.68	298.79	298.91	301.03	308.16	312.46
Y 24.0	330.32	318.29	308.28	302.50	299.33	294.17	292.39	295.61	295.49	297.94	305.42	309.78
Y 25.0	328.18	315.93	305.47	299.33	296.18	290.86	288.78	292.30	292.07	294.86	302.48	306.99
Y 26.0	325.71	313.41	302.61	296.36	293.14	287.54	285.33	288.69	288.35	291.64	299.49	304.05
Y 27.0	323.20	310.69	299.55	293.12	289.93	284.07	281.68	285.16	284.62	288.16	296.45	301.18
Y 28.0	320.68	307.87	296.57	289.88	286.57	280.27	278.04	281.60	280.86	284.67	293.18	298.15
Y 29.0	317.99	304.97	293.49	286.57	283.09	276.80	274.27	277.91	277.18	281.03	289.86	295.07
Y 30.0	315.32	302.05	289.98	283.05	279.62	273.11	270.38	274.01	273.23	277.38	286.50	291.91
Y 31.0	312.49	299.09	286.61	279.51	276.14	269.23	266.41	270.14	269.05	273.67	283.05	288.46
Y 32.0	309.44	295.98	283.20	275.88	272.28	265.39	262.43	266.11	264.88	269.82	279.47	285.09
Y 33.0	306.31	292.76	279.69	272.16	268.60	261.49	258.20	262.12	260.78	265.89	275.93	281.46
Y 34.0	303.08	289.32	276.15	268.39	264.75	257.41	254.05	258.03	256.57	261.79	272.00	277.92
Y 35.0	299.94	285.87	272.26	264.36	260.86	253.21	249.74	253.79	252.05	257.68	268.19	274.20
Y 36.0	296.58	282.29	268.51	260.57	256.97	248.95	245.37	249.46	247.60	253.49	264.16	270.51
Y 37.0	293.06	278.61	264.76	256.45	252.76	244.70	241.05	244.96	242.99	249.18	260.23	266.64
Y 38.0	289.44	274.98	260.63	252.35	248.55	240.46	236.46	240.55	238.39	244.94	256.30	262.54
Y 39.0	285.76	271.00	256.63	248.14	244.17	235.98	231.89	236.10	233.65	240.51	251.99	258.62
Y 40.0	282.05	267.18	252.31	243.74	239.98	231.30	227.28	231.40	228.91	235.93	247.70	254.46
Y 41.0	278.27	263.21	248.20	239.55	235.49	226.73	222.68	226.67	224.08	231.33	243.32	250.13
Y 42.0	274.28	259.17	243.93	235.03	231.01	222.10	217.74	221.95	219.31	226.63	238.96	245.85
Y 43.0	270.22	254.90	239.58	230.49	226.42	217.25	212.83	216.98	214.07	222.04	234.36	241.67
Y 44.0	266.02	250.66	235.06	225.85	221.89	212.37	207.84	212.01	209.04	217.10	229.84	237.11
Y 45.0	261.96	246.33	230.59	221.21	217.13	207.46	202.99	207.09	204.01	212.29	225.08	232.58
Y 46.0	257.73	242.04	225.93	216.38	212.46	202.64	197.88	202.06	198.88	207.35	220.54	228.04

IES Indoor Report
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Candela Tabulation - (Cont.)

V/H	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5	C225.0	C247.5
Y 47.0	253.27	237.47	221.33	211.59	207.51	197.54	192.63	196.97	193.62	202.36	215.77	223.47
Y 48.0	248.74	232.95	216.65	206.82	202.84	192.46	187.51	191.80	188.32	197.21	210.98	218.86
Y 49.0	244.09	228.22	211.75	201.92	197.90	187.42	182.40	186.65	182.91	192.13	205.96	213.86
Y 50.0	239.60	223.56	206.75	196.87	192.84	182.24	177.08	181.40	177.38	186.86	201.05	208.90
Y 51.0	234.84	218.85	201.99	191.80	187.85	177.00	171.70	175.92	171.92	181.75	195.98	203.96
Y 52.0	229.95	213.87	196.98	186.71	182.70	171.69	166.39	170.61	166.49	176.30	190.86	198.92
Y 53.0	225.07	208.88	191.99	181.49	177.38	166.36	160.94	165.13	160.78	171.02	185.69	193.88
Y 54.0	220.32	203.97	186.88	176.21	172.19	160.96	155.54	159.54	155.08	165.66	180.48	188.79
Y 55.0	215.39	198.92	181.66	170.90	166.96	155.50	150.02	153.99	149.56	160.05	175.15	183.61
Y 56.0	210.20	193.75	176.29	165.75	161.58	150.11	144.44	148.60	143.75	154.55	169.83	178.37
Y 57.0	205.23	188.66	171.02	160.38	156.29	144.55	138.79	142.90	137.99	149.09	164.43	173.04
Y 58.0	200.03	183.44	165.81	154.88	150.79	139.01	133.05	137.27	132.30	143.46	158.99	167.71
Y 59.0	194.76	177.99	160.37	149.52	145.26	133.36	127.43	131.71	126.40	137.90	153.40	162.34
Y 60.0	189.43	172.65	154.86	143.89	139.84	127.83	121.77	126.05	120.72	132.16	147.97	156.88
Y 61.0	184.12	167.21	149.45	138.41	134.28	122.23	116.10	120.24	114.81	126.51	142.38	151.42
Y 62.0	178.59	161.78	143.90	132.76	128.82	116.53	110.55	114.56	109.05	121.02	136.68	145.87
Y 63.0	173.21	156.23	138.39	127.23	123.19	110.99	104.72	108.90	103.06	115.14	131.10	140.25
Y 64.0	167.66	150.71	132.84	121.68	117.56	105.19	98.93	103.05	97.11	109.56	125.52	134.69
Y 65.0	162.16	145.14	127.25	116.00	112.12	99.48	93.33	97.31	91.44	103.75	119.89	129.01
Y 66.0	156.44	139.53	121.66	110.39	106.52	93.95	87.55	91.57	85.53	98.08	114.23	123.43
Y 67.0	150.69	133.83	116.01	104.63	100.85	88.23	81.88	85.84	79.60	92.40	108.53	117.82
Y 68.0	145.13	128.22	110.47	98.97	95.19	82.54	76.38	80.07	73.89	86.59	102.80	112.23
Y 69.0	139.41	122.61	104.75	93.57	89.63	76.94	70.68	74.59	68.07	80.86	97.01	106.48
Y 70.0	133.56	116.95	99.03	87.75	84.06	71.37	65.04	68.77	62.40	75.27	91.31	100.66
Y 71.0	127.83	111.29	93.46	82.22	78.40	65.85	59.67	63.14	56.74	69.52	85.53	95.04
Y 72.0	122.16	105.42	87.77	76.68	72.94	60.34	54.22	57.59	50.98	63.90	79.84	89.29
Y 73.0	116.27	99.74	82.13	71.12	67.25	55.10	48.93	52.23	45.43	58.40	74.27	83.63
Y 74.0	110.52	94.02	76.59	65.64	61.83	49.64	43.56	46.79	39.93	52.88	68.71	77.87
Y 75.0	104.53	88.32	71.05	60.20	56.58	44.55	38.35	41.50	34.44	47.49	63.18	72.38
Y 76.0	98.70	82.58	65.54	54.79	51.28	39.54	33.26	36.21	29.13	42.03	57.60	66.81
Y 77.0	92.92	77.05	60.21	49.57	46.05	34.31	28.22	30.95	23.98	36.70	52.22	61.14
Y 78.0	87.08	71.45	54.84	44.30	40.93	29.36	23.20	25.92	19.08	31.30	46.80	55.83
Y 79.0	81.36	65.89	49.46	39.23	35.92	24.39	18.47	20.97	14.40	26.27	41.37	50.37
Y 80.0	75.63	60.34	44.29	34.19	30.88	19.70	13.92	16.36	9.78	21.30	36.25	45.09
Y 81.0	69.91	54.99	39.19	29.12	25.95	15.21	9.78	11.91	5.64	16.75	30.91	39.91
Y 82.0	64.30	49.51	34.04	24.14	21.22	10.93	5.74	7.46	2.64	12.20	25.91	34.70
Y 83.0	58.73	44.19	28.92	19.49	16.67	6.92	2.84	4.05	1.59	7.79	21.11	29.73
Y 84.0	53.27	38.99	23.75	14.87	12.36	3.60	1.75	2.04	1.45	4.04	16.59	24.67
Y 85.0	47.84	33.72	19.04	10.56	8.32	1.99	1.48	1.44	1.49	2.05	12.12	19.95
Y 86.0	42.51	28.69	14.49	6.54	4.66	1.40	1.46	1.38	1.64	1.44	7.86	15.44
Y 87.0	37.27	23.55	10.06	3.33	2.38	1.38	1.42	1.36	1.55	1.39	4.23	11.13
Y 88.0	31.91	18.77	6.17	1.84	1.51	1.47	1.42	1.43	1.55	1.55	2.07	6.96
Y 89.0	26.69	14.02	2.99	1.34	1.45	1.54	1.53	1.48	1.51	1.49	1.45	3.57
Y 90.0	21.81	9.64	1.89	1.38	1.40	1.52	1.45	1.52	1.61	1.57	1.53	1.85
Y 91.0	17.06	5.60	1.45	1.36	1.37	1.50	1.50	1.44	1.66	1.58	1.50	1.36
Y 92.0	12.33	2.72	1.48	1.37	1.47	1.51	1.57	1.51	1.60	1.54	1.49	1.34
Y 93.0	7.98	1.81	1.48	1.45	1.62	1.61	1.62	1.66	1.61	1.60	1.56	1.43

IES Indoor Report
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Candela Tabulation - (Cont.)

V/H	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5	C225.0	C247.5
Y 94.0	4.20	1.47	1.44	1.47	1.57	1.68	1.61	1.61	1.82	1.77	1.70	1.42
Y 95.0	2.32	1.55	1.54	1.46	1.67	1.64	1.63	1.56	1.73	1.68	1.68	1.46
Y 96.0	1.53	1.51	1.57	1.48	1.67	1.75	1.73	1.64	1.70	1.76	1.65	1.59
Y 97.0	1.59	1.64	1.54	1.46	1.80	1.72	1.69	1.76	1.90	1.79	1.71	1.67
Y 98.0	1.58	1.57	1.59	1.71	1.75	1.79	1.80	1.76	1.90	1.78	1.75	1.71
Y 99.0	1.64	1.62	1.68	1.72	1.78	1.90	1.83	1.80	1.84	1.81	1.78	1.70
Y 100.0	1.55	1.75	1.69	1.59	1.87	1.89	1.89	1.82	1.91	1.85	1.86	1.73
Y 101.0	1.64	1.69	1.64	1.71	1.78	1.86	1.93	2.01	1.93	1.90	1.93	1.78
Y 102.0	1.71	1.77	1.79	1.73	1.80	1.94	1.93	2.10	1.92	1.85	1.84	1.81
Y 103.0	1.69	1.73	1.80	1.83	1.78	1.94	2.01	2.04	2.10	1.91	1.83	1.95
Y 104.0	1.72	1.75	1.83	1.95	1.80	1.93	2.00	2.08	2.04	1.87	1.93	1.86
Y 105.0	1.66	1.81	1.87	1.91	1.93	1.96	2.09	2.17	2.09	2.03	2.02	1.87
Y 106.0	1.79	1.85	1.80	1.96	1.98	2.00	2.10	2.21	2.23	2.01	2.01	1.85
Y 107.0	1.80	1.91	1.93	1.93	2.05	2.03	2.16	2.17	2.22	2.03	2.25	1.94
Y 108.0	1.84	1.98	1.95	2.01	2.04	2.17	2.09	2.21	2.31	2.10	2.14	1.92
Y 109.0	1.87	1.98	2.07	2.08	2.10	2.19	2.23	2.26	2.28	2.09	2.13	1.95
Y 110.0	1.81	2.00	2.05	2.15	2.19	2.27	2.22	2.20	2.40	2.17	2.19	1.96
Y 111.0	1.87	2.06	2.00	2.08	2.19	2.30	2.31	2.28	2.46	2.28	2.18	2.01
Y 112.0	1.90	2.23	2.10	2.01	2.33	2.26	2.39	2.41	2.50	2.26	2.23	2.06
Y 113.0	1.93	2.15	2.05	2.13	2.21	2.37	2.43	2.45	2.51	2.36	2.22	2.08
Y 114.0	1.98	2.07	2.18	2.23	2.33	2.43	2.43	2.60	2.65	2.43	2.33	2.18
Y 115.0	2.03	2.21	2.23	2.20	2.41	2.47	2.48	2.47	2.72	2.43	2.37	2.17
Y 116.0	2.07	2.22	2.35	2.19	2.41	2.44	2.48	2.62	2.80	2.46	2.42	2.23
Y 117.0	2.11	2.33	2.29	2.34	2.40	2.44	2.71	2.57	2.84	2.47	2.43	2.21
Y 118.0	2.19	2.22	2.29	2.40	2.46	2.63	2.71	2.60	2.94	2.53	2.44	2.36
Y 119.0	2.28	2.40	2.35	2.38	2.44	2.60	2.76	2.78	2.97	2.61	2.53	2.41
Y 120.0	2.30	2.31	2.38	2.46	2.51	2.67	2.78	2.70	3.03	2.74	2.56	2.37
Y 121.0	2.28	2.45	2.48	2.42	2.61	2.72	2.83	2.82	2.94	2.72	2.53	2.36
Y 122.0	2.30	2.48	2.51	2.52	2.71	2.76	2.81	2.71	3.09	2.74	2.57	2.49
Y 123.0	2.39	2.48	2.58	2.57	2.60	2.85	2.87	2.75	3.07	2.80	2.63	2.60
Y 124.0	2.40	2.50	2.67	2.47	2.66	2.84	2.87	2.83	3.07	2.83	2.71	2.54
Y 125.0	2.44	2.63	2.70	2.61	2.76	2.86	2.95	2.87	3.13	2.85	2.79	2.54
Y 126.0	2.56	2.66	2.66	2.73	2.70	2.81	2.84	2.94	3.23	2.92	2.73	2.64
Y 127.0	2.61	2.72	2.82	2.74	2.76	2.88	2.99	3.13	3.17	2.91	2.91	2.68
Y 128.0	2.58	2.83	2.75	2.69	2.80	2.91	3.00	3.08	3.13	2.98	2.78	2.76
Y 129.0	2.51	2.66	2.82	2.75	2.81	3.00	2.94	3.00	3.20	3.03	2.91	2.73
Y 130.0	2.64	2.80	2.95	2.68	2.85	2.91	3.14	3.10	3.25	2.97	2.92	2.74
Y 131.0	2.69	2.83	3.03	2.85	2.92	3.10	3.16	3.09	3.26	2.90	2.92	2.80
Y 132.0	2.82	2.84	2.99	2.79	2.92	3.02	3.13	3.04	3.28	2.95	2.99	2.89
Y 133.0	2.81	3.01	2.96	2.99	3.03	3.10	3.20	3.06	3.26	3.01	3.02	2.86
Y 134.0	2.82	2.95	2.99	3.01	3.06	3.25	3.20	3.13	3.34	3.09	2.95	2.79
Y 135.0	2.84	3.02	2.99	2.90	3.11	3.19	3.26	3.14	3.19	3.07	3.00	2.89
Y 136.0	2.92	3.06	3.07	2.91	3.11	3.26	3.29	3.17	3.26	3.14	3.08	2.89
Y 137.0	2.98	3.08	3.10	2.99	3.11	3.22	3.31	3.31	3.34	3.12	3.14	2.87
Y 138.0	3.11	3.05	3.15	3.10	3.14	3.25	3.27	3.30	3.35	3.18	3.04	2.89
Y 139.0	3.01	3.14	3.23	3.07	3.09	3.27	3.32	3.34	3.33	3.16	3.22	3.03
Y 140.0	3.07	3.02	3.23	3.11	3.14	3.33	3.34	3.25	3.41	3.27	3.16	3.09

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Candela Tabulation - (Cont.)

V/H	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5	C225.0	C247.5
Y 141.0	3.12	3.09	3.15	3.25	3.29	3.33	3.25	3.35	3.39	3.29	3.24	3.11
Y 142.0	3.00	3.06	3.26	3.28	3.17	3.31	3.34	3.32	3.39	3.14	3.21	3.11
Y 143.0	3.19	3.13	3.27	3.32	3.21	3.37	3.45	3.39	3.42	3.23	3.27	3.12
Y 144.0	3.13	3.22	3.26	3.35	3.28	3.45	3.44	3.43	3.54	3.29	3.27	3.21
Y 145.0	3.18	3.25	3.35	3.32	3.33	3.44	3.50	3.46	3.51	3.28	3.33	3.19
Y 146.0	3.15	3.24	3.26	3.25	3.37	3.48	3.51	3.43	3.60	3.22	3.31	3.19
Y 147.0	3.25	3.24	3.26	3.27	3.30	3.50	3.52	3.58	3.52	3.31	3.37	3.22
Y 148.0	3.37	3.24	3.34	3.49	3.35	3.39	3.58	3.47	3.52	3.32	3.39	3.19
Y 149.0	3.26	3.21	3.39	3.54	3.44	3.48	3.56	3.59	3.63	3.34	3.46	3.35
Y 150.0	3.40	3.35	3.41	3.51	3.44	3.48	3.54	3.52	3.67	3.41	3.38	3.34
Y 151.0	3.36	3.41	3.42	3.52	3.45	3.52	3.69	3.61	3.66	3.35	3.48	3.34
Y 152.0	3.50	3.39	3.49	3.46	3.48	3.59	3.61	3.59	3.67	3.39	3.48	3.35
Y 153.0	3.40	3.51	3.52	3.48	3.50	3.68	3.69	3.61	3.71	3.47	3.52	3.32
Y 154.0	3.43	3.49	3.46	3.52	3.59	3.63	3.66	3.69	3.73	3.45	3.56	3.33
Y 155.0	3.39	3.52	3.54	3.51	3.63	3.76	3.59	3.64	3.74	3.49	3.58	3.45
Y 156.0	3.38	3.55	3.44	3.57	3.65	3.72	3.72	3.63	3.78	3.57	3.56	3.43
Y 157.0	3.51	3.59	3.62	3.58	3.66	3.73	3.68	3.67	3.67	3.59	3.65	3.39
Y 158.0	3.54	3.70	3.59	3.51	3.64	3.74	3.73	3.68	3.84	3.60	3.58	3.41
Y 159.0	3.57	3.64	3.61	3.52	3.74	3.61	3.73	3.70	3.74	3.74	3.56	3.46
Y 160.0	3.52	3.65	3.55	3.63	3.63	3.77	3.73	3.68	3.70	3.65	3.63	3.52
Y 161.0	3.60	3.74	3.55	3.60	3.67	3.72	3.80	3.70	3.78	3.73	3.69	3.52
Y 162.0	3.66	3.65	3.61	3.64	3.61	3.75	3.79	3.74	3.79	3.73	3.71	3.56
Y 163.0	3.68	3.75	3.64	3.73	3.71	3.71	3.86	3.77	3.85	3.70	3.74	3.59
Y 164.0	3.64	3.72	3.73	3.65	3.72	3.88	3.86	3.78	3.76	3.64	3.71	3.62
Y 165.0	3.65	3.85	3.67	3.79	3.71	3.95	3.92	3.77	3.73	3.65	3.75	3.63
Y 166.0	3.73	3.78	3.63	3.71	3.75	3.87	3.96	3.85	3.73	3.77	3.81	3.56
Y 167.0	3.75	3.80	3.65	3.81	3.71	3.77	3.82	3.82	3.83	3.75	3.76	3.64
Y 168.0	3.84	3.81	3.76	3.82	3.88	3.81	3.95	3.78	3.81	3.75	3.77	3.73
Y 169.0	3.79	3.86	3.69	3.68	3.88	3.82	3.90	3.81	3.81	3.77	3.82	3.77
Y 170.0	3.79	3.92	3.75	3.75	3.83	3.69	3.81	3.90	3.87	3.83	3.81	3.80
Y 171.0	3.80	3.80	3.70	3.70	3.87	3.84	3.95	3.93	3.99	3.81	3.80	3.81
Y 172.0	3.84	3.88	3.76	3.74	3.85	3.89	3.96	3.84	3.94	3.80	3.76	3.81
Y 173.0	3.75	3.85	3.91	3.83	3.93	3.91	3.93	3.99	3.92	3.84	3.87	3.79
Y 174.0	3.85	3.95	3.84	3.88	3.89	3.88	4.05	3.93	4.00	3.84	3.87	3.88
Y 175.0	3.85	3.94	3.82	3.90	3.86	3.94	3.93	4.03	3.88	3.88	3.89	3.84
Y 176.0	3.86	3.94	3.89	3.85	3.86	3.91	3.87	3.97	3.96	3.91	3.79	3.79
Y 177.0	3.98	3.96	3.80	3.96	3.87	3.85	3.90	3.97	3.96	3.96	3.86	3.83
Y 178.0	3.95	3.96	3.87	3.87	3.92	3.88	3.93	3.98	3.97	3.98	3.98	3.79
Y 179.0	4.01	4.01	3.86	3.91	3.86	3.86	3.97	3.92	3.99	3.88	3.95	3.86
Y 180.0	3.95	3.95	3.95	3.95	3.95	3.95	3.95	3.95	3.95	3.95	3.95	3.95
V/H	C270.0	C292.5	C315.0	C337.5								
Y 0.0	343.07	343.07	343.07	343.07								
Y 1.0	339.54	341.28	343.29	344.99								
Y 2.0	339.52	341.57	343.86	345.43								
Y 3.0	339.39	341.77	344.18	345.76								
Y 4.0	339.20	341.84	344.53	346.01								
Y 5.0	338.85	341.83	344.48	346.00								

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Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
Y 6.0	338.44	341.66	344.57	346.02
Y 7.0	337.90	341.33	344.47	345.84
Y 8.0	337.22	340.95	344.27	345.46
Y 9.0	336.34	340.33	343.81	344.98
Y 10.0	335.38	339.69	343.26	344.31
Y 11.0	334.44	338.96	342.70	343.82
Y 12.0	333.21	337.99	342.00	343.07
Y 13.0	331.95	336.83	341.14	342.06
Y 14.0	330.49	335.78	340.03	340.85
Y 15.0	328.98	334.64	338.89	339.88
Y 16.0	327.30	333.14	337.70	338.56
Y 17.0	325.49	331.78	336.39	337.04
Y 18.0	323.60	330.18	334.95	335.42
Y 19.0	321.53	328.40	333.31	333.89
Y 20.0	319.44	326.49	331.67	332.10
Y 21.0	317.11	324.42	329.76	330.21
Y 22.0	315.03	322.42	327.84	328.14
Y 23.0	312.54	320.20	325.83	325.98
Y 24.0	309.88	317.81	323.60	323.88
Y 25.0	307.23	315.38	321.32	321.41
Y 26.0	304.42	312.90	318.72	319.00
Y 27.0	301.60	310.30	316.31	316.45
Y 28.0	298.54	307.40	313.79	313.80
Y 29.0	295.58	304.60	310.93	310.98
Y 30.0	292.41	301.50	308.11	308.10
Y 31.0	289.08	298.57	305.20	305.12
Y 32.0	285.68	295.46	302.29	301.96
Y 33.0	282.21	292.17	299.05	298.82
Y 34.0	278.73	288.85	296.00	295.62
Y 35.0	274.98	285.33	292.66	292.14
Y 36.0	271.23	281.74	289.10	288.65
Y 37.0	267.43	278.22	285.63	284.98
Y 38.0	263.57	274.48	281.82	281.39
Y 39.0	259.58	270.47	278.23	277.69
Y 40.0	255.55	266.64	274.51	273.92
Y 41.0	251.39	262.68	270.55	269.98
Y 42.0	247.09	258.70	266.49	266.01
Y 43.0	242.79	254.50	262.50	261.84
Y 44.0	238.42	250.21	258.52	257.80
Y 45.0	233.97	245.86	254.15	252.64
Y 46.0	229.45	241.65	249.90	248.99
Y 47.0	224.94	237.24	245.38	244.57
Y 48.0	220.30	232.49	240.96	240.30
Y 49.0	215.56	227.96	236.42	235.60
Y 50.0	210.65	223.40	231.73	230.87
Y 51.0	205.78	218.50	227.02	226.09
Y 52.0	200.96	213.68	222.37	221.41

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Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
Y 53.0	195.85	208.73	217.57	216.52
Y 54.0	190.73	203.82	212.72	211.56
Y 55.0	185.75	198.68	207.70	206.47
Y 56.0	180.49	193.70	202.79	201.43
Y 57.0	175.26	188.64	197.62	196.35
Y 58.0	169.87	183.45	192.52	191.08
Y 59.0	164.64	177.99	187.20	185.96
Y 60.0	159.14	172.75	181.99	180.58
Y 61.0	153.75	167.44	176.57	175.08
Y 62.0	148.31	162.03	171.19	169.66
Y 63.0	142.70	156.46	165.79	164.18
Y 64.0	137.13	150.97	160.29	158.56
Y 65.0	131.62	145.47	154.71	153.07
Y 66.0	125.98	139.93	149.21	147.58
Y 67.0	120.46	134.29	143.60	141.72
Y 68.0	114.67	128.69	137.87	135.97
Y 69.0	109.06	122.99	132.22	130.29
Y 70.0	103.28	117.33	126.49	124.51
Y 71.0	97.47	111.63	120.88	118.91
Y 72.0	91.99	105.86	115.01	113.16
Y 73.0	86.22	100.10	109.25	107.35
Y 74.0	80.47	94.49	103.49	101.51
Y 75.0	75.05	88.71	97.79	95.81
Y 76.0	69.44	82.92	92.11	89.99
Y 77.0	63.89	77.32	86.26	84.01
Y 78.0	58.48	71.72	80.50	78.41
Y 79.0	53.21	66.10	74.79	72.71
Y 80.0	47.79	60.59	69.06	67.06
Y 81.0	42.46	55.31	63.67	61.50
Y 82.0	37.53	49.78	58.11	56.09
Y 83.0	32.44	44.56	52.59	50.59
Y 84.0	27.53	39.40	47.23	45.19
Y 85.0	22.72	34.28	42.08	39.84
Y 86.0	18.20	29.27	37.00	34.72
Y 87.0	13.69	24.37	31.76	29.55
Y 88.0	9.57	19.70	26.80	24.36
Y 89.0	5.74	15.20	21.86	19.62
Y 90.0	2.70	11.05	17.15	14.96
Y 91.0	1.63	7.02	12.83	10.42
Y 92.0	1.39	3.66	8.49	6.18
Y 93.0	1.37	1.97	4.72	2.87
Y 94.0	1.50	1.51	2.23	1.89
Y 95.0	1.52	1.51	1.61	1.38
Y 96.0	1.54	1.55	1.53	1.54
Y 97.0	1.58	1.54	1.50	1.54
Y 98.0	1.59	1.60	1.71	1.64
Y 99.0	1.69	1.69	1.57	1.55

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Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
Y 100.0	1.65	1.63	1.60	1.59
Y 101.0	1.61	1.72	1.73	1.65
Y 102.0	1.57	1.64	1.69	1.83
Y 103.0	1.64	1.77	1.79	1.73
Y 104.0	1.76	1.84	1.79	1.71
Y 105.0	1.76	1.83	1.85	1.78
Y 106.0	1.84	1.87	1.91	1.83
Y 107.0	1.79	1.88	1.89	1.90
Y 108.0	1.97	2.01	1.96	1.94
Y 109.0	1.95	2.00	1.95	1.93
Y 110.0	2.00	2.06	2.00	1.98
Y 111.0	2.12	2.10	2.03	2.04
Y 112.0	2.11	2.15	2.10	2.03
Y 113.0	2.17	2.14	2.09	2.12
Y 114.0	2.22	2.28	2.15	2.17
Y 115.0	2.25	2.22	2.20	2.10
Y 116.0	2.28	2.27	2.28	2.15
Y 117.0	2.39	2.24	2.30	2.31
Y 118.0	2.40	2.29	2.42	2.28
Y 119.0	2.47	2.41	2.35	2.35
Y 120.0	2.48	2.52	2.42	2.31
Y 121.0	2.46	2.42	2.40	2.40
Y 122.0	2.57	2.43	2.52	2.46
Y 123.0	2.67	2.63	2.55	2.48
Y 124.0	2.59	2.60	2.49	2.58
Y 125.0	2.62	2.66	2.64	2.59
Y 126.0	2.77	2.72	2.70	2.49
Y 127.0	2.78	2.76	2.77	2.66
Y 128.0	2.83	2.88	2.84	2.67
Y 129.0	2.88	2.91	2.81	2.67
Y 130.0	2.93	2.99	2.83	2.71
Y 131.0	3.01	2.98	2.85	2.79
Y 132.0	2.88	3.06	2.91	2.80
Y 133.0	2.94	3.15	2.87	2.83
Y 134.0	2.94	3.18	2.94	2.82
Y 135.0	3.03	3.10	2.95	2.93
Y 136.0	3.14	3.24	2.97	2.92
Y 137.0	3.07	3.29	3.19	2.95
Y 138.0	3.18	3.28	3.10	3.10
Y 139.0	3.16	3.23	3.19	3.00
Y 140.0	3.17	3.25	3.19	3.16
Y 141.0	3.12	3.33	3.15	3.10
Y 142.0	3.22	3.40	3.11	3.21
Y 143.0	3.21	3.27	3.20	3.15
Y 144.0	3.16	3.16	3.27	3.23
Y 145.0	3.31	3.32	3.24	3.20
Y 146.0	3.29	3.48	3.24	3.17

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Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
Y 147.0	3.27	3.39	3.28	3.34
Y 148.0	3.29	3.46	3.41	3.27
Y 149.0	3.35	3.48	3.40	3.32
Y 150.0	3.33	3.51	3.46	3.40
Y 151.0	3.36	3.50	3.44	3.43
Y 152.0	3.39	3.58	3.45	3.40
Y 153.0	3.41	3.52	3.56	3.40
Y 154.0	3.39	3.60	3.47	3.44
Y 155.0	3.37	3.66	3.62	3.41
Y 156.0	3.50	3.59	3.56	3.57
Y 157.0	3.57	3.68	3.53	3.56
Y 158.0	3.58	3.60	3.58	3.59
Y 159.0	3.64	3.66	3.69	3.59
Y 160.0	3.62	3.69	3.65	3.65
Y 161.0	3.65	3.63	3.68	3.70
Y 162.0	3.72	3.66	3.78	3.84
Y 163.0	3.66	3.67	3.82	3.77
Y 164.0	3.62	3.75	3.84	3.79
Y 165.0	3.62	3.73	3.84	3.78
Y 166.0	3.73	3.80	3.92	3.81
Y 167.0	3.74	3.79	3.89	3.88
Y 168.0	3.74	3.85	3.87	3.84
Y 169.0	3.79	3.86	3.96	3.79
Y 170.0	3.79	3.88	3.94	3.85
Y 171.0	3.78	3.96	3.97	3.88
Y 172.0	3.87	3.96	3.97	3.87
Y 173.0	3.90	3.93	3.97	3.92
Y 174.0	3.90	3.91	4.03	3.88
Y 175.0	3.89	3.93	4.03	3.91
Y 176.0	3.81	4.01	3.96	3.92
Y 177.0	3.89	4.02	4.08	3.95
Y 178.0	3.89	3.98	4.10	3.96
Y 179.0	3.89	4.03	3.97	4.06
Y 180.0	3.95	3.95	3.95	3.95