

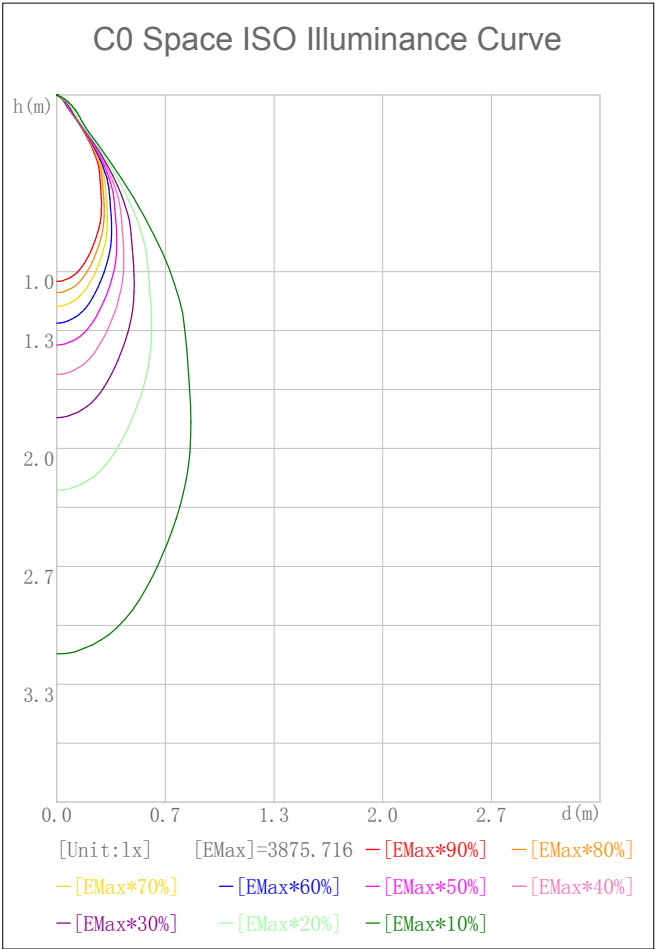
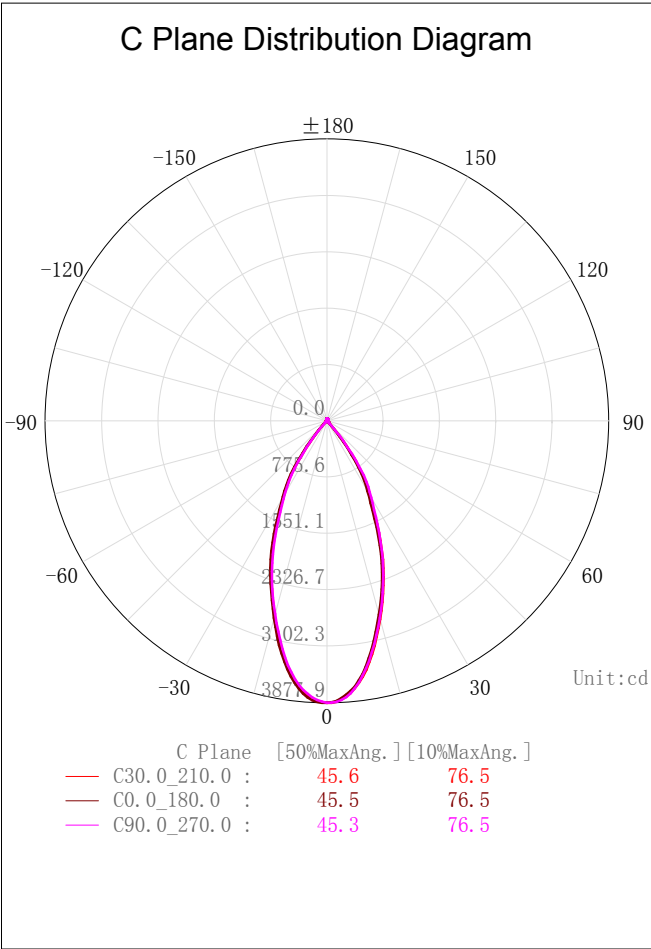
Indoor Luminaire Photometric Data

Description Information

Luminary Name:		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2017/04/29
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency (Hz):	Lamp CCT (K): Ra:
Lum. Size (W*L*H):0.050m*-0.050m*0.000m		Lum. Area (m2):0.002	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp. (°C): 25	Humidity (%): 50.0

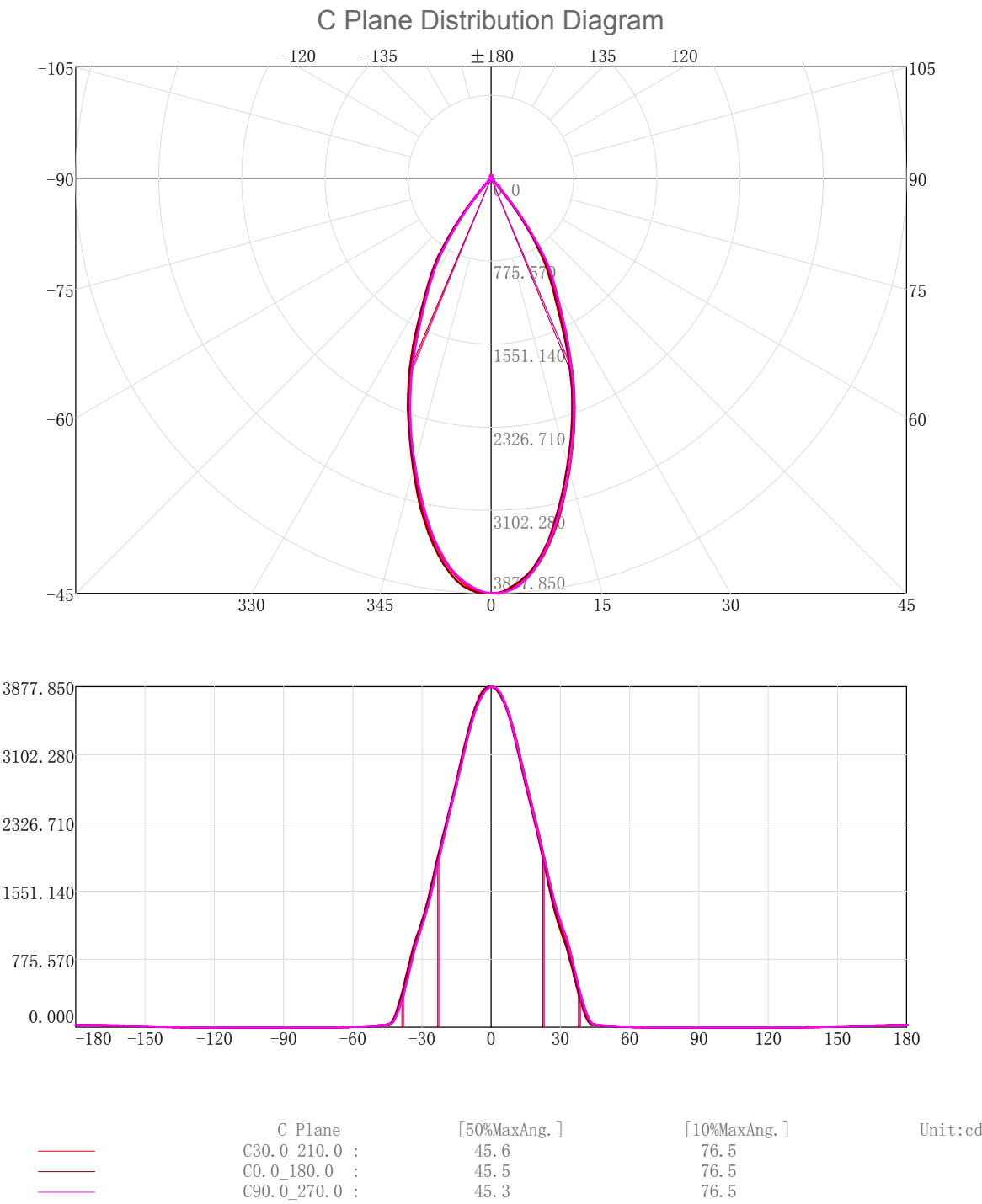
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 2401.630	Luminary Flux(lm): 2401.633	Field Angle(10%Imax): 76.5(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 2380.444lm 99.12%	
Rated Voltage(V):	Luminary EER(lm/W): 89.949	Up Lumens&Percent: 21.189lm 0.88%	
Tested Power(W): 26.700	Max. Candela(cd): 3877.850	S/MH: C0_a180=0.704 C90_270=0.702	
Lamps' Inside: 1	Max Cand@Ang. (°): C=30.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):221.1, 0.125, 0.966	Beam Angle(50%Imax): 45.6(°)	ErP Φuse(90°): 2362.223lm	
Lamp Size (W*L*H):0.050m*-0.050m*0.000m	Left=-22.6°, Right=23.0°	IRF (%): 338.828	



2D Plane Light Intensity Distribution Curve

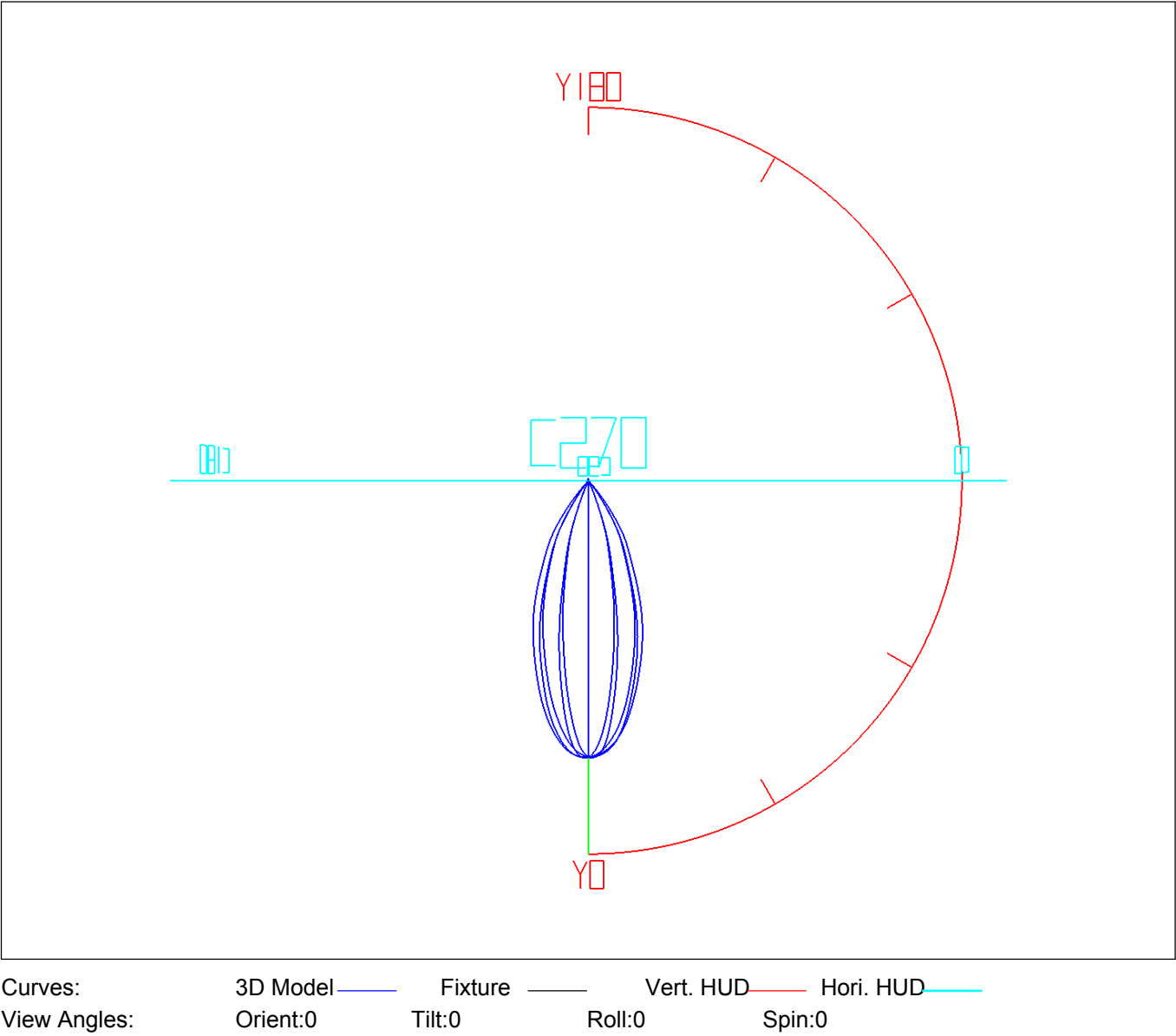
Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/04/29



3D Light Intensity Distribution Modal

Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/04/29

3D Light Intensity Distribution Modal



IES Indoor Report

Photometric Filename:60度发光杯.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	3.71	3.71	0.15	0.15	47.0-48.0	1.96	2364.96	0.08	98.47
1.0-2.0	11.09	14.79	0.46	0.62	48.0-49.0	1.80	2366.75	0.07	98.55
2.0-3.0	18.37	33.16	0.76	1.38	49.0-50.0	1.64	2368.39	0.07	98.62
3.0-4.0	25.49	58.65	1.06	2.44	50.0-51.0	1.53	2369.92	0.06	98.68
4.0-5.0	32.38	91.04	1.35	3.79	51.0-52.0	1.41	2371.32	0.06	98.74
5.0-6.0	38.97	130.01	1.62	5.41	52.0-53.0	1.27	2372.59	0.05	98.79
6.0-7.0	45.20	175.21	1.88	7.30	53.0-54.0	1.16	2373.76	0.05	98.84
7.0-8.0	51.00	226.21	2.12	9.42	54.0-55.0	1.06	2374.82	0.04	98.88
8.0-9.0	56.33	282.54	2.35	11.76	55.0-56.0	0.96	2375.78	0.04	98.92
9.0-10.0	61.18	343.72	2.55	14.31	56.0-57.0	0.87	2376.65	0.04	98.96
10.0-11.0	65.54	409.26	2.73	17.04	57.0-58.0	0.77	2377.42	0.03	98.99
11.0-12.0	69.37	478.63	2.89	19.93	58.0-59.0	0.66	2378.07	0.03	99.02
12.0-13.0	72.68	551.31	3.03	22.96	59.0-60.0	0.57	2378.64	0.02	99.04
13.0-14.0	75.53	626.84	3.14	26.10	60.0-61.0	0.49	2379.14	0.02	99.06
14.0-15.0	77.96	704.80	3.25	29.35	61.0-62.0	0.39	2379.53	0.02	99.08
15.0-16.0	79.98	784.77	3.33	32.68	62.0-63.0	0.30	2379.83	0.01	99.09
16.0-17.0	81.62	866.40	3.40	36.08	63.0-64.0	0.25	2380.08	0.01	99.10
17.0-18.0	82.88	949.28	3.45	39.53	64.0-65.0	0.17	2380.25	0.01	99.11
18.0-19.0	83.72	1033.00	3.49	43.01	65.0-66.0	0.11	2380.35	0.00	99.11
19.0-20.0	84.13	1117.14	3.50	46.52	66.0-67.0	0.07	2380.42	0.00	99.12
20.0-21.0	84.09	1201.22	3.50	50.02	67.0-68.0	0.02	2380.44	0.00	99.12
21.0-22.0	83.51	1284.73	3.48	53.49	68.0-69.0	0.00	2380.44	0.00	99.12
22.0-23.0	82.40	1367.14	3.43	56.93	69.0-70.0	0.00	2380.44	0.00	99.12
23.0-24.0	80.77	1447.90	3.36	60.29	70.0-71.0	0.00	2380.44	0.00	99.12
24.0-25.0	78.69	1526.59	3.28	63.56	71.0-72.0	0.00	2380.44	0.00	99.12
25.0-26.0	76.27	1602.85	3.18	66.74	72.0-73.0	0.00	2380.44	0.00	99.12
26.0-27.0	73.56	1676.41	3.06	69.80	73.0-74.0	0.00	2380.44	0.00	99.12
27.0-28.0	70.84	1747.25	2.95	72.75	74.0-75.0	0.00	2380.44	0.00	99.12
28.0-29.0	68.30	1815.55	2.84	75.60	75.0-76.0	0.00	2380.44	0.00	99.12
29.0-30.0	65.88	1881.43	2.74	78.34	76.0-77.0	0.00	2380.44	0.00	99.12
30.0-31.0	63.43	1944.86	2.64	80.98	77.0-78.0	0.00	2380.44	0.00	99.12
31.0-32.0	60.89	2005.75	2.54	83.52	78.0-79.0	0.00	2380.44	0.00	99.12
32.0-33.0	57.98	2063.73	2.41	85.93	79.0-80.0	0.00	2380.44	0.00	99.12
33.0-34.0	54.10	2117.83	2.25	88.18	80.0-81.0	0.00	2380.44	0.00	99.12
34.0-35.0	49.15	2166.98	2.05	90.23	81.0-82.0	0.00	2380.44	0.00	99.12
35.0-36.0	43.51	2210.49	1.81	92.04	82.0-83.0	0.00	2380.44	0.00	99.12
36.0-37.0	37.45	2247.94	1.56	93.60	83.0-84.0	0.00	2380.44	0.00	99.12
37.0-38.0	31.27	2279.21	1.30	94.90	84.0-85.0	0.00	2380.44	0.00	99.12
38.0-39.0	25.13	2304.34	1.05	95.95	85.0-86.0	0.00	2380.44	0.00	99.12
39.0-40.0	19.26	2323.59	0.80	96.75	86.0-87.0	0.00	2380.44	0.00	99.12
40.0-41.0	13.85	2337.45	0.58	97.33	87.0-88.0	0.00	2380.44	0.00	99.12
41.0-42.0	9.11	2346.55	0.38	97.71	88.0-89.0	0.00	2380.44	0.00	99.12
42.0-43.0	5.54	2352.09	0.23	97.94	89.0-90.0	0.00	2380.44	0.00	99.12
43.0-44.0	3.57	2355.66	0.15	98.09	90.0-91.0	0.00	2380.44	0.00	99.12
44.0-45.0	2.79	2358.46	0.12	98.20	91.0-92.0	0.00	2380.44	0.00	99.12
45.0-46.0	2.40	2360.86	0.10	98.30	92.0-93.0	0.00	2380.44	0.00	99.12
46.0-47.0	2.13	2362.99	0.09	98.39	93.0-94.0	0.00	2380.44	0.00	99.12

IES Indoor Report

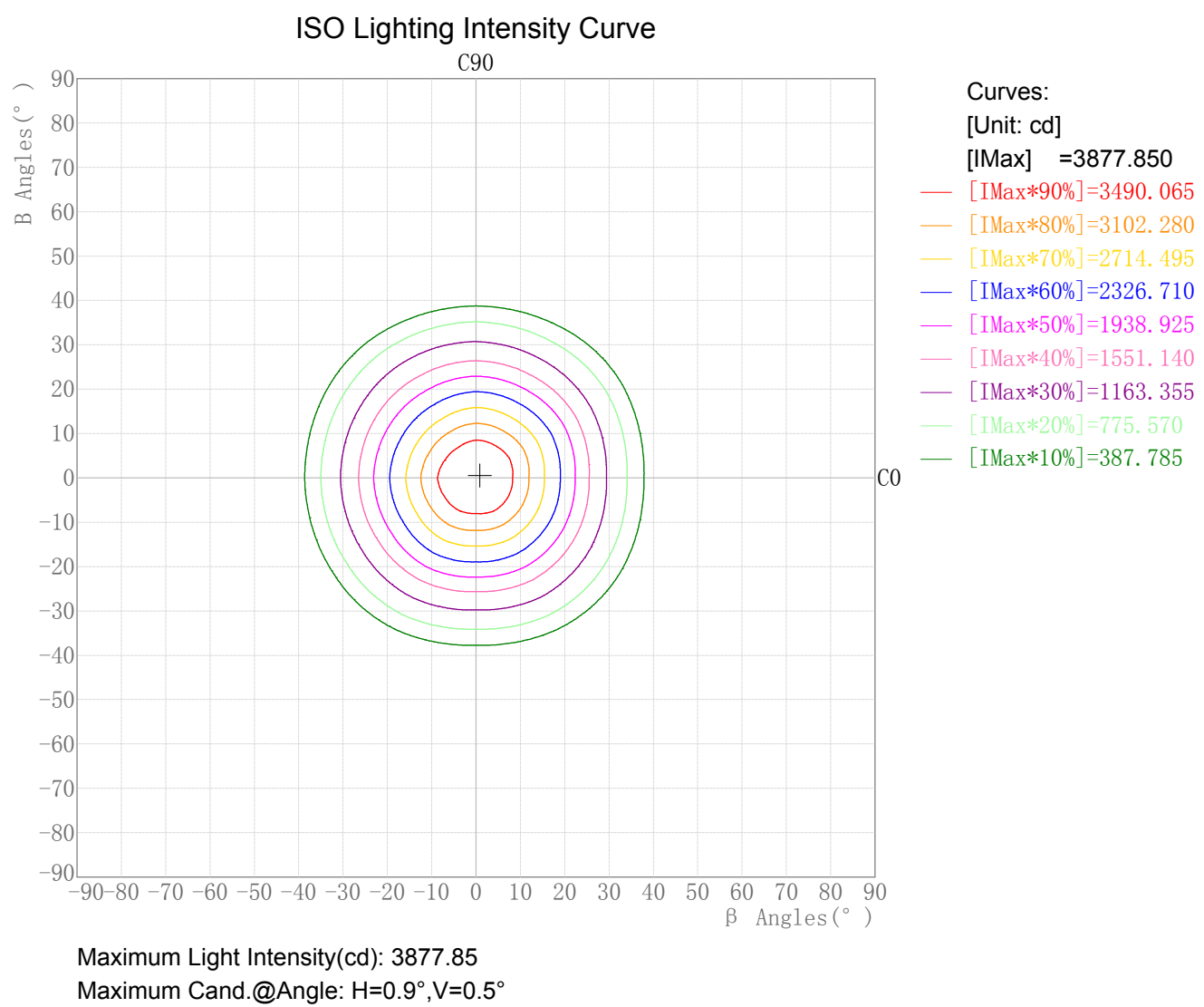
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Zonal Flux Tabulation - (Cont.)

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	0.00	2380.44	0.00	99.12	141.0-142.0	0.36	2382.23	0.02	99.19
95.0-96.0	0.00	2380.44	0.00	99.12	142.0-143.0	0.41	2382.64	0.02	99.21
96.0-97.0	0.00	2380.44	0.00	99.12	143.0-144.0	0.45	2383.09	0.02	99.23
97.0-98.0	0.00	2380.44	0.00	99.12	144.0-145.0	0.48	2383.58	0.02	99.25
98.0-99.0	0.00	2380.44	0.00	99.12	145.0-146.0	0.53	2384.10	0.02	99.27
99.0-100.0	0.00	2380.44	0.00	99.12	146.0-147.0	0.56	2384.66	0.02	99.29
100.0-101.0	0.00	2380.44	0.00	99.12	147.0-148.0	0.58	2385.24	0.02	99.32
101.0-102.0	0.00	2380.44	0.00	99.12	148.0-149.0	0.63	2385.87	0.03	99.34
102.0-103.0	0.00	2380.44	0.00	99.12	149.0-150.0	0.65	2386.52	0.03	99.37
103.0-104.0	0.00	2380.44	0.00	99.12	150.0-151.0	0.66	2387.17	0.03	99.40
104.0-105.0	0.00	2380.44	0.00	99.12	151.0-152.0	0.68	2387.85	0.03	99.43
105.0-106.0	0.00	2380.44	0.00	99.12	152.0-153.0	0.70	2388.55	0.03	99.46
106.0-107.0	0.00	2380.44	0.00	99.12	153.0-154.0	0.70	2389.25	0.03	99.48
107.0-108.0	0.00	2380.44	0.00	99.12	154.0-155.0	0.71	2389.96	0.03	99.51
108.0-109.0	0.00	2380.44	0.00	99.12	155.0-156.0	0.72	2390.68	0.03	99.54
109.0-110.0	0.00	2380.44	0.00	99.12	156.0-157.0	0.71	2391.39	0.03	99.57
110.0-111.0	0.00	2380.44	0.00	99.12	157.0-158.0	0.70	2392.09	0.03	99.60
111.0-112.0	0.00	2380.44	0.00	99.12	158.0-159.0	0.70	2392.79	0.03	99.63
112.0-113.0	0.00	2380.44	0.00	99.12	159.0-160.0	0.70	2393.49	0.03	99.66
113.0-114.0	0.00	2380.44	0.00	99.12	160.0-161.0	0.67	2394.16	0.03	99.69
114.0-115.0	0.00	2380.44	0.00	99.12	161.0-162.0	0.66	2394.83	0.03	99.72
115.0-116.0	0.00	2380.44	0.00	99.12	162.0-163.0	0.65	2395.47	0.03	99.74
116.0-117.0	0.00	2380.44	0.00	99.12	163.0-164.0	0.62	2396.10	0.03	99.77
117.0-118.0	0.00	2380.44	0.00	99.12	164.0-165.0	0.60	2396.70	0.03	99.79
118.0-119.0	0.00	2380.44	0.00	99.12	165.0-166.0	0.58	2397.28	0.02	99.82
119.0-120.0	0.00	2380.44	0.00	99.12	166.0-167.0	0.55	2397.83	0.02	99.84
120.0-121.0	0.00	2380.44	0.00	99.12	167.0-168.0	0.52	2398.35	0.02	99.86
121.0-122.0	0.00	2380.44	0.00	99.12	168.0-169.0	0.49	2398.84	0.02	99.88
122.0-123.0	0.00	2380.44	0.00	99.12	169.0-170.0	0.46	2399.30	0.02	99.90
123.0-124.0	0.00	2380.44	0.00	99.12	170.0-171.0	0.42	2399.72	0.02	99.92
124.0-125.0	0.00	2380.44	0.00	99.12	171.0-172.0	0.38	2400.11	0.02	99.94
125.0-126.0	0.00	2380.44	0.00	99.12	172.0-173.0	0.35	2400.45	0.01	99.95
126.0-127.0	0.00	2380.44	0.00	99.12	173.0-174.0	0.31	2400.76	0.01	99.96
127.0-128.0	0.00	2380.44	0.00	99.12	174.0-175.0	0.26	2401.02	0.01	99.97
128.0-129.0	0.00	2380.44	0.00	99.12	175.0-176.0	0.22	2401.24	0.01	99.98
129.0-130.0	0.00	2380.45	0.00	99.12	176.0-177.0	0.17	2401.41	0.01	99.99
130.0-131.0	0.00	2380.45	0.00	99.12	177.0-178.0	0.12	2401.53	0.01	100.00
131.0-132.0	0.00	2380.45	0.00	99.12	178.0-179.0	0.07	2401.61	0.00	100.00
132.0-133.0	0.01	2380.47	0.00	99.12	179.0-180.0	0.03	2401.63	0.00	100.00
133.0-134.0	0.04	2380.51	0.00	99.12					
134.0-135.0	0.08	2380.58	0.00	99.12					
135.0-136.0	0.11	2380.69	0.00	99.13					
136.0-137.0	0.15	2380.84	0.01	99.13					
137.0-138.0	0.18	2381.02	0.01	99.14					
138.0-139.0	0.23	2381.25	0.01	99.15					
139.0-140.0	0.28	2381.54	0.01	99.16					
140.0-141.0	0.33	2381.87	0.01	99.18					

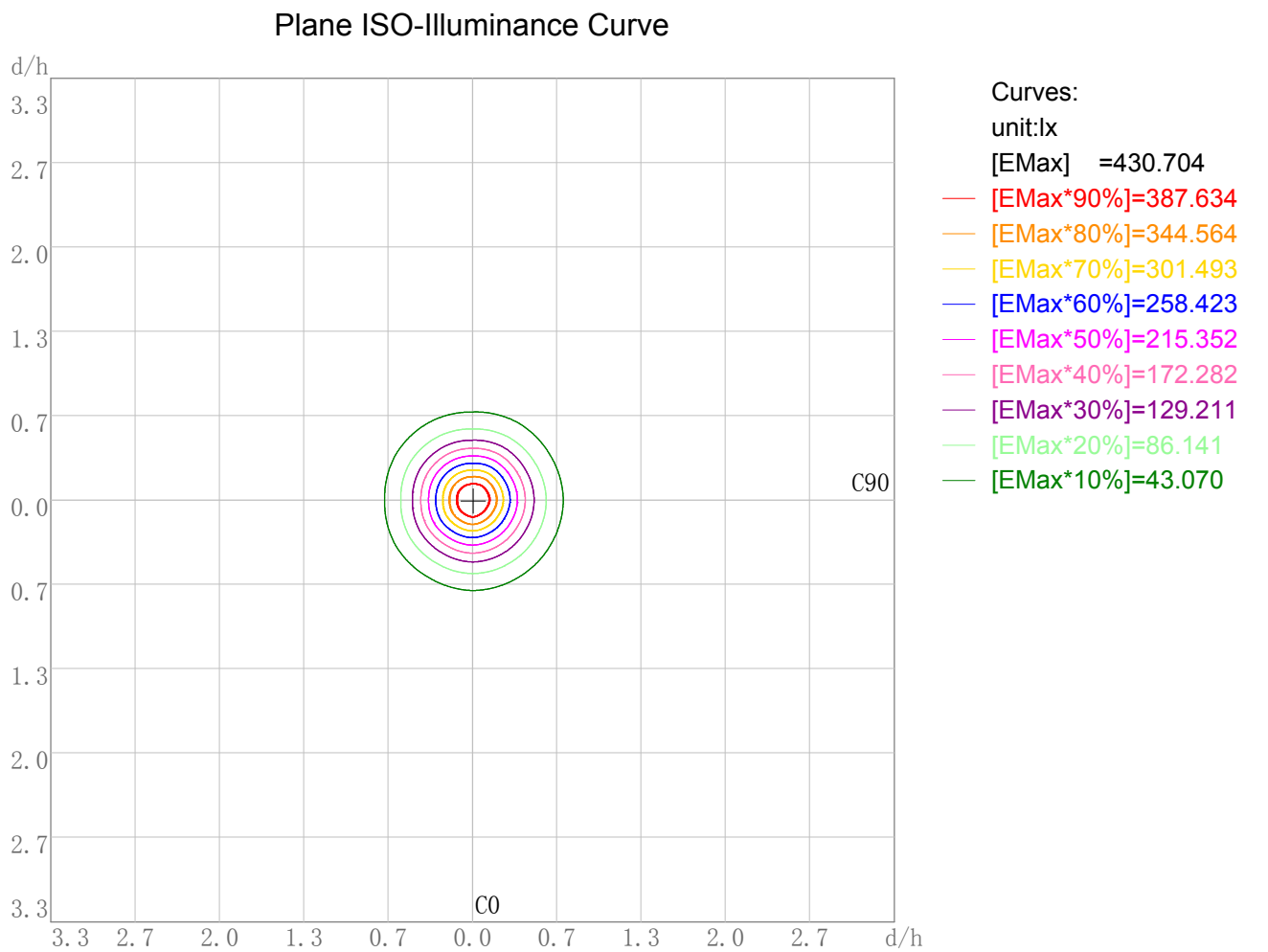
Rectangle ISO Lighting Intensity Diagram

Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/04/29



Plane ISO-Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/04/29

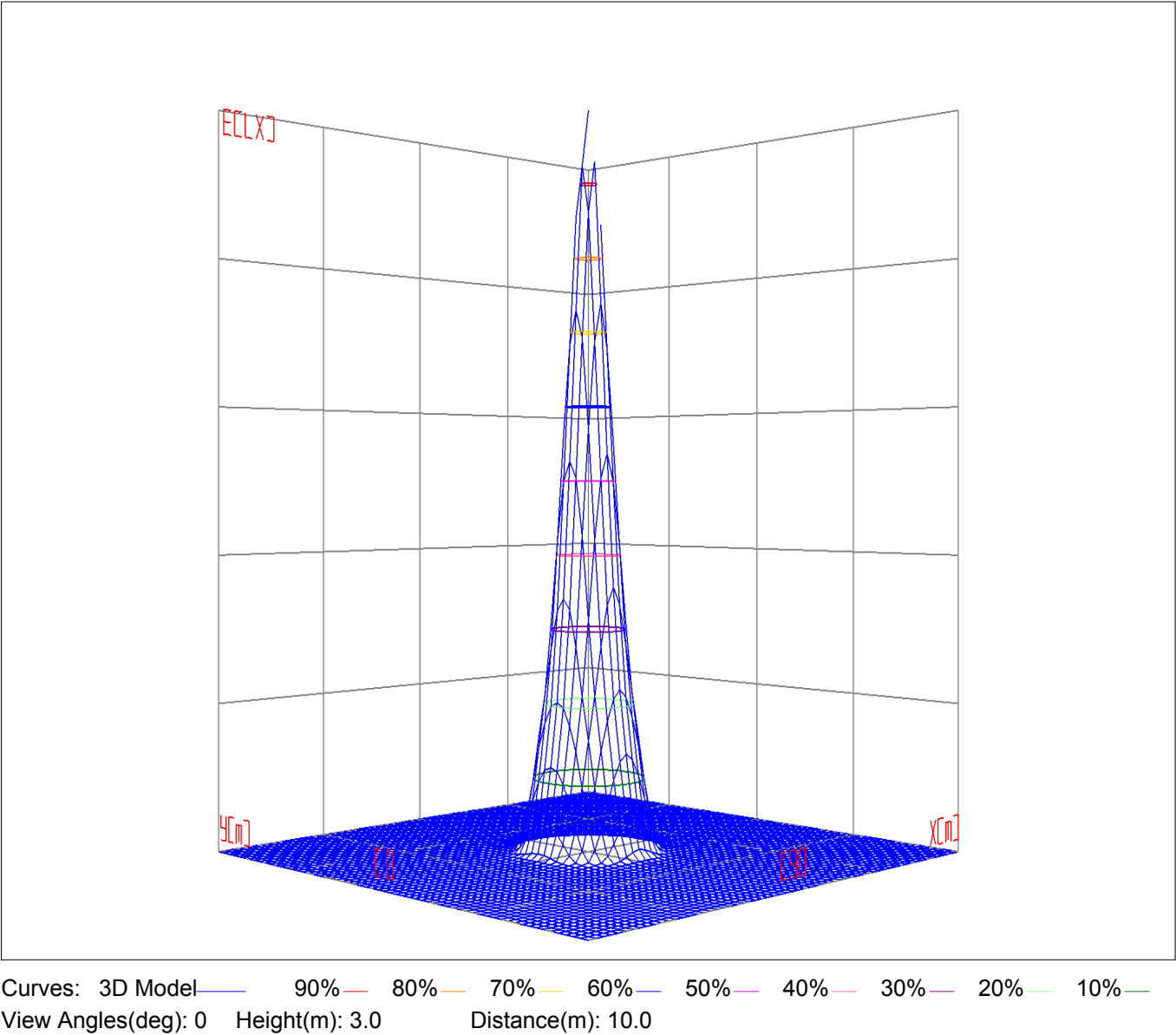


Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 430.70  
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

3D Plane ISO Illuminance Diagram

Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/04/29

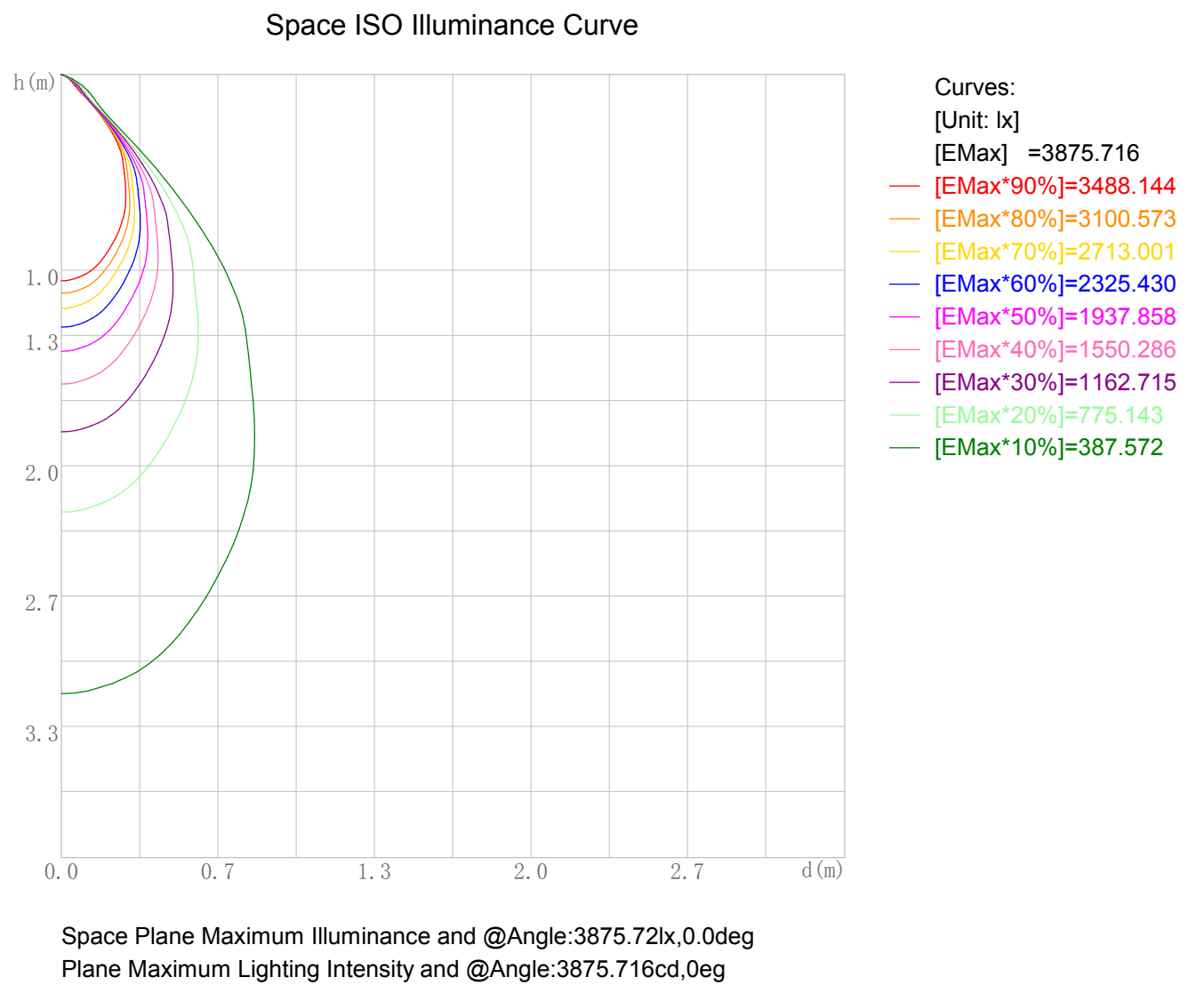
3D Plane Illuminance Modal





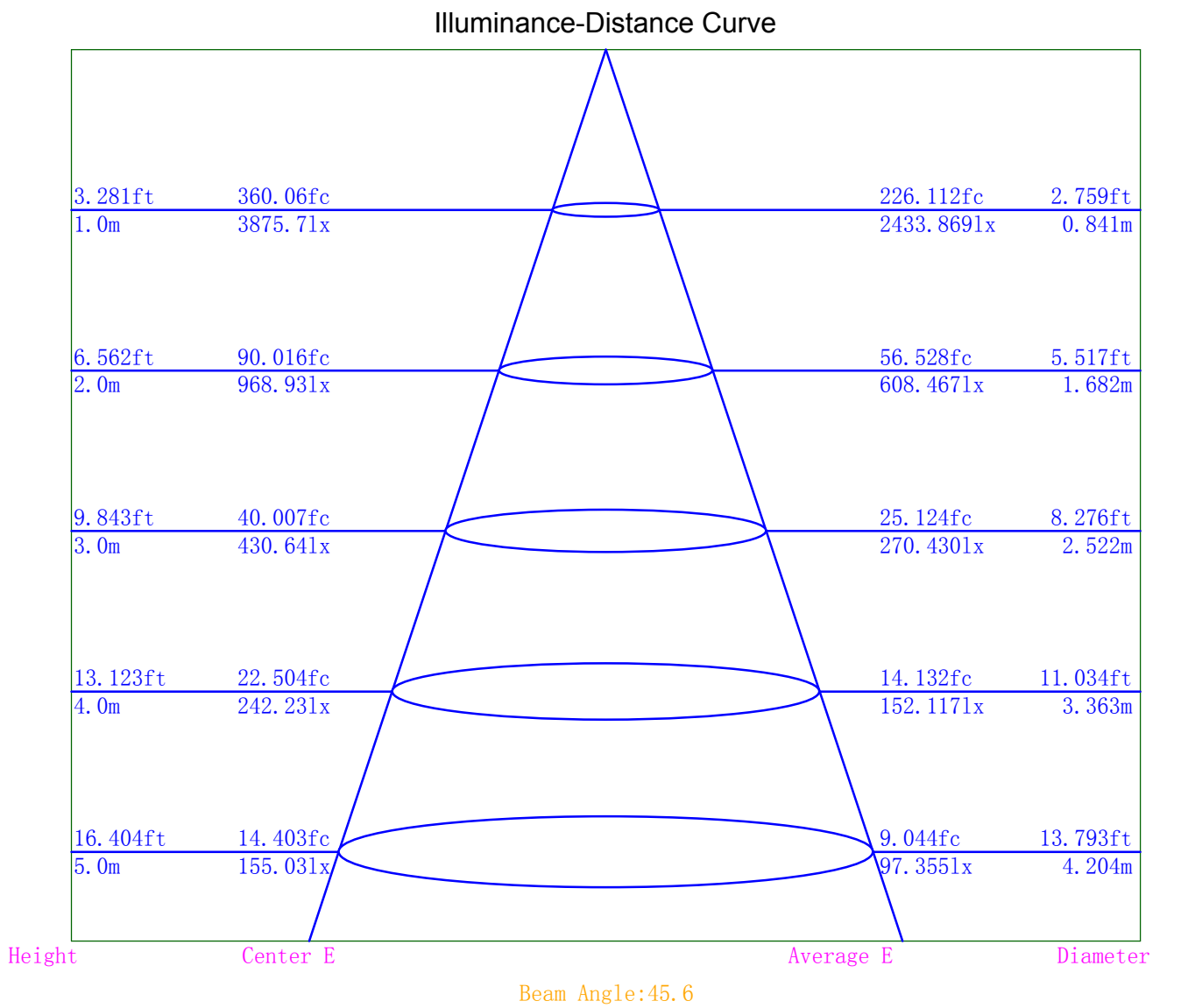
Space ISO Illuminance Diagram

Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/04/29



Illuminance-Distance Diagram

Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/04/29



Indoor Luminance Limiting Curves

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/04/29

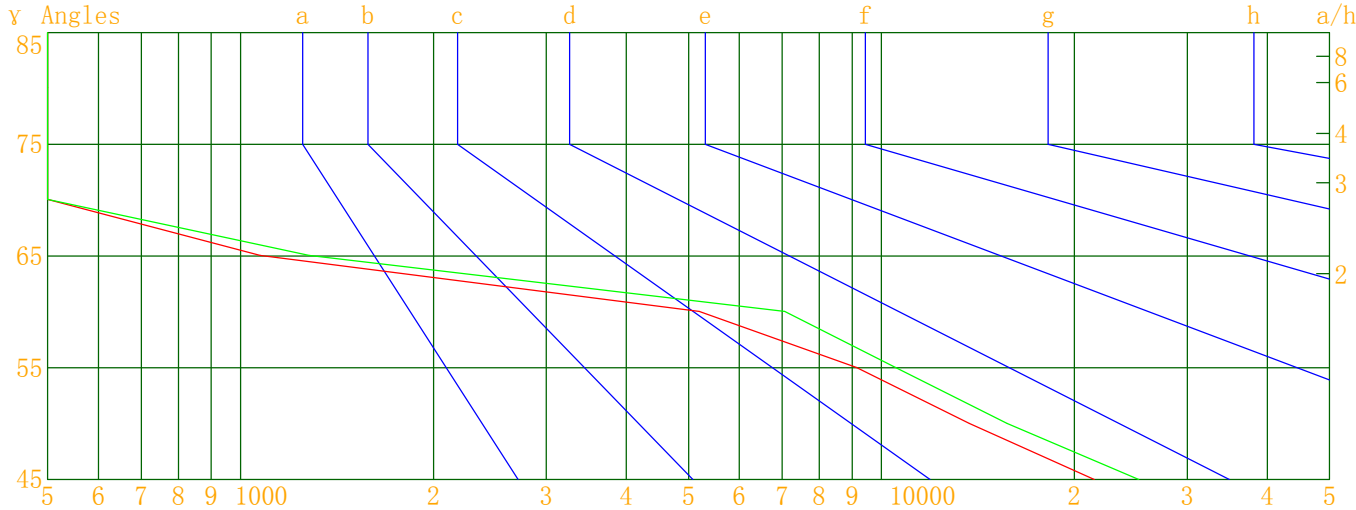
Glare Grade Table

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	21466	13721	9139	5195	1073	0	0	0	0
C90	25183	15702	10520	7064	1279	0	0	0	0

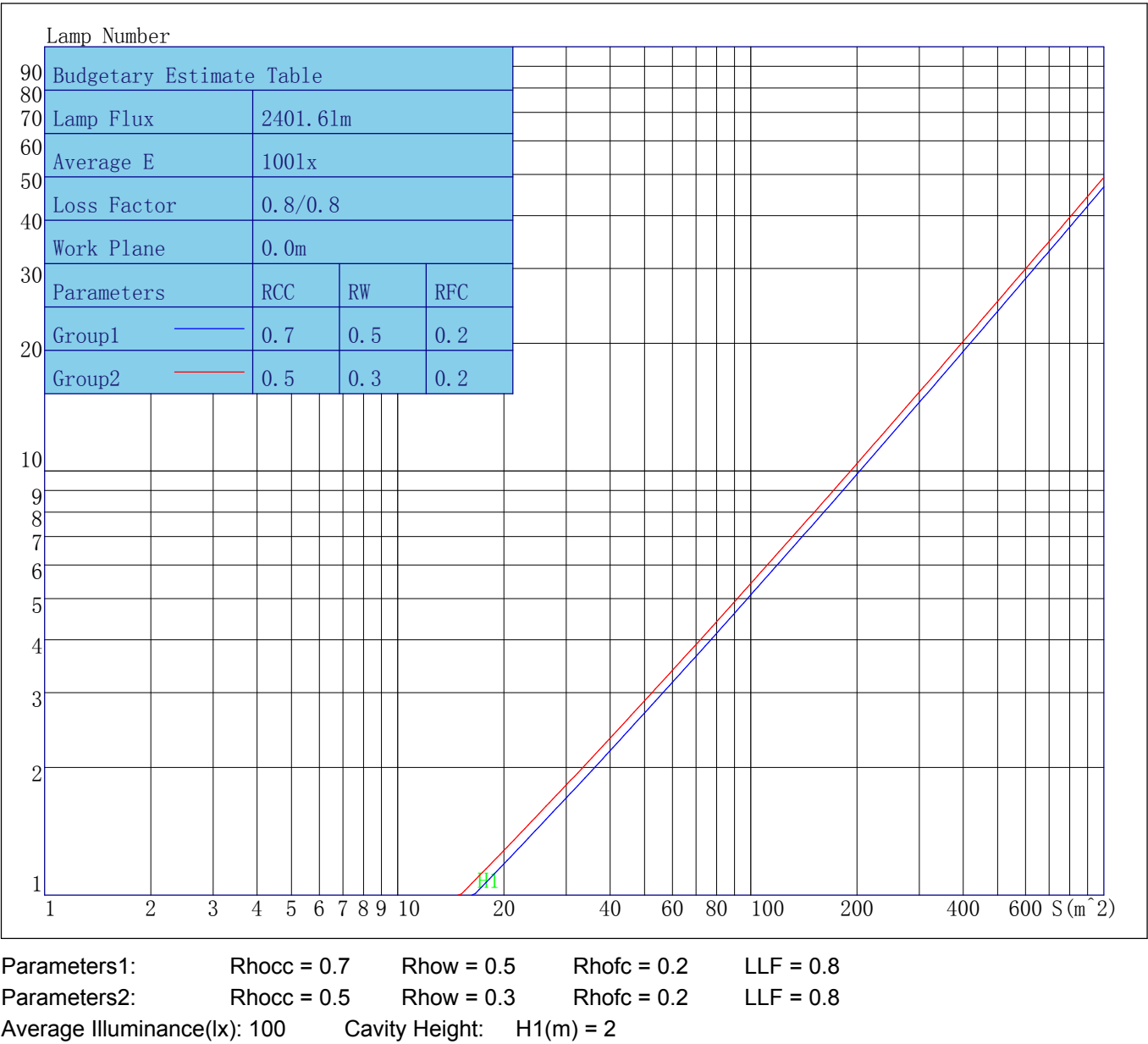
Luminance Limiting Curve



Luminous Size: Length(m)=-0.050 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963  
Luminous Type: Without Luminous Side  
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

Indoor Budgetary Estimate Table

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/04/29



Indoor Coefficient of Utilization Table

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/04/29

Coefficients of Utilization - Zonal Cavity Method																		
Coef.	Effective Floor Cavity Reflectance RFC=0.20																	
RhoCC (%)	80				70				50			30			10			0
RhoW (%)	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	Coefficient of Utilization(%)																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	114	111	109	107	111	109	107	105	105	103	102	101	100	98	97	96	95	94
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88
3	104	98	93	89	102	96	92	89	94	90	87	91	88	86	89	86	84	83
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	78
5	94	87	81	77	93	86	81	77	84	80	76	82	78	76	81	77	75	73
6	90	82	76	73	89	81	76	72	80	75	72	78	74	71	77	73	71	69
7	86	78	72	68	85	77	72	68	76	71	68	74	70	67	73	70	67	65
8	82	74	68	64	81	73	68	64	72	67	64	71	67	64	70	66	63	62
9	79	70	65	61	78	69	64	61	69	64	60	68	63	60	67	63	60	59
10	76	67	61	58	75	66	61	58	65	61	57	65	60	57	64	60	57	56

Unified Glare Rating Table

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/04/29

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	23.9	24.8	24.3	25.2	25.5	24.4	25.3	24.8	25.6	26.0
	23.7	24.5	24.1	24.9	25.3	24.2	25.0	24.6	25.3	25.7
	23.6	24.3	24.0	24.7	25.1	24.1	24.8	24.5	25.2	25.6
	23.5	24.2	23.9	24.6	25.0	24.0	24.6	24.4	25.0	25.5
	23.4	24.1	23.9	24.5	24.9	23.9	24.5	24.4	24.9	25.4
	23.4	24.0	23.8	24.4	24.8	23.9	24.4	24.3	24.8	25.3
X=4H    Y=2H	23.6	24.3	24.0	24.7	25.1	24.1	24.8	24.5	25.2	25.6
	23.4	24.0	23.8	24.4	24.8	23.9	24.5	24.3	24.9	25.3
	23.3	23.8	23.7	24.2	24.7	23.7	24.3	24.2	24.7	25.2
	23.1	23.6	23.6	24.1	24.6	23.6	24.1	24.1	24.5	25.0
	23.1	23.5	23.6	23.9	24.4	23.5	24.0	24.0	24.4	24.9
	23.0	23.3	23.5	23.9	24.4	23.5	23.8	24.0	24.3	24.8
X=8H    Y=4H	23.1	23.5	23.6	23.9	24.4	23.5	24.0	24.0	24.4	24.9
	22.9	23.3	23.5	23.8	24.3	23.4	23.7	23.9	24.3	24.8
	22.9	23.1	23.4	23.7	24.2	23.3	23.6	23.9	24.2	24.7
	22.8	23.0	23.3	23.6	24.2	23.3	23.5	23.8	24.0	24.6
X=12H    Y=4H	23.0	23.3	23.5	23.9	24.4	23.5	23.8	24.0	24.3	24.8
	22.9	23.1	23.4	23.6	24.2	23.3	23.6	23.9	24.1	24.7
	22.8	23.0	23.3	23.6	24.2	23.3	23.5	23.8	24.0	24.6
Variations with the objverver position at spacings										
S=1.0H	0.0/0.0					0.0/0.0				
S=1.5H	0.0/0.0					0.0/0.0				
S=2.0H	9.5/0.0					8.3/0.0				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	0.0					0.0				

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

IES Indoor Report

Photometric Filename:60度发光杯.IES

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	3875. 72	3875. 72	3875. 72	3875. 72	3875. 72	3875. 72	3875. 72	3875. 72	3875. 72	3875. 72	3875. 72	3875. 72
Y 1. 0	3869. 84	3877. 85	3874. 82	3873. 32	3867. 58	3866. 08	3877. 18	3869. 73	3870. 72	3862. 45	3865. 33	3862. 40
Y 2. 0	3852. 76	3862. 42	3860. 68	3865. 33	3854. 25	3852. 88	3868. 35	3852. 33	3850. 80	3839. 81	3845. 64	3843. 64
Y 3. 0	3815. 91	3835. 53	3834. 37	3843. 76	3827. 38	3827. 12	3846. 30	3825. 57	3822. 92	3807. 61	3820. 28	3816. 60
Y 4. 0	3776. 65	3802. 94	3796. 38	3808. 60	3782. 60	3786. 41	3813. 29	3785. 60	3782. 66	3765. 12	3784. 01	3781. 60
Y 5. 0	3727. 29	3754. 32	3748. 12	3758. 92	3722. 80	3729. 55	3766. 75	3732. 95	3731. 85	3716. 56	3739. 15	3735. 43
Y 6. 0	3672. 22	3697. 02	3687. 50	3696. 90	3654. 40	3660. 27	3703. 06	3669. 54	3672. 25	3653. 90	3683. 84	3680. 25
Y 7. 0	3598. 11	3629. 11	3613. 77	3623. 07	3573. 75	3582. 50	3631. 61	3596. 57	3600. 46	3580. 14	3614. 15	3611. 02
Y 8. 0	3515. 52	3552. 61	3529. 70	3536. 90	3484. 45	3495. 15	3550. 23	3511. 68	3518. 55	3493. 14	3535. 60	3527. 48
Y 9. 0	3421. 09	3465. 38	3438. 95	3443. 51	3387. 73	3405. 14	3460. 55	3425. 75	3429. 53	3403. 16	3441. 81	3434. 31
Y 10. 0	3316. 69	3369. 30	3340. 89	3346. 25	3294. 03	3308. 08	3364. 23	3327. 88	3331. 86	3302. 19	3336. 24	3335. 67
Y 11. 0	3205. 28	3268. 11	3235. 77	3243. 93	3194. 14	3205. 80	3259. 60	3224. 94	3234. 77	3196. 77	3232. 60	3230. 08
Y 12. 0	3095. 04	3157. 96	3126. 34	3135. 42	3091. 25	3096. 74	3153. 10	3117. 36	3125. 37	3083. 59	3121. 90	3115. 74
Y 13. 0	2983. 91	3045. 30	3016. 88	3026. 04	2973. 73	2983. 54	3038. 62	3002. 30	3014. 38	2971. 90	3009. 05	3006. 34
Y 14. 0	2870. 56	2934. 96	2905. 34	2917. 99	2864. 80	2866. 52	2922. 88	2886. 02	2905. 24	2865. 11	2902. 09	2895. 65
Y 15. 0	2759. 25	2825. 72	2793. 19	2807. 64	2748. 97	2759. 30	2806. 74	2772. 33	2797. 10	2750. 52	2798. 78	2786. 01
Y 16. 0	2651. 50	2713. 86	2683. 33	2698. 66	2639. 95	2646. 34	2695. 21	2662. 45	2689. 05	2644. 92	2689. 40	2678. 70
Y 17. 0	2545. 54	2604. 54	2576. 77	2590. 45	2533. 20	2534. 96	2584. 36	2553. 37	2585. 51	2539. 90	2580. 84	2574. 75
Y 18. 0	2436. 96	2498. 61	2467. 24	2483. 21	2424. 98	2433. 83	2476. 60	2448. 54	2476. 72	2430. 75	2476. 03	2466. 25
Y 19. 0	2327. 05	2391. 54	2360. 18	2373. 39	2322. 97	2330. 55	2374. 34	2341. 13	2368. 09	2318. 08	2363. 75	2353. 77
Y 20. 0	2218. 21	2283. 71	2248. 88	2264. 86	2217. 69	2223. 58	2272. 49	2233. 89	2261. 52	2206. 47	2257. 69	2248. 23
Y 21. 0	2103. 94	2171. 10	2134. 13	2156. 20	2107. 91	2119. 21	2164. 23	2126. 55	2150. 48	2095. 39	2147. 44	2135. 11
Y 22. 0	1984. 87	2055. 64	2021. 57	2043. 49	1998. 46	2015. 82	2057. 33	2012. 80	2038. 17	1979. 69	2029. 92	2017. 55
Y 23. 0	1861. 41	1933. 59	1905. 65	1928. 74	1888. 98	1905. 59	1948. 80	1898. 82	1921. 34	1859. 77	1916. 37	1902. 66
Y 24. 0	1737. 05	1809. 26	1784. 76	1815. 81	1777. 34	1796. 80	1831. 70	1782. 63	1800. 92	1743. 50	1796. 34	1782. 32
Y 25. 0	1615. 61	1692. 01	1671. 24	1702. 24	1665. 94	1685. 23	1717. 91	1670. 21	1682. 80	1626. 33	1679. 03	1659. 72
Y 26. 0	1493. 92	1573. 80	1561. 77	1594. 21	1562. 65	1576. 03	1606. 34	1555. 54	1563. 25	1508. 66	1565. 94	1540. 40
Y 27. 0	1381. 41	1453. 06	1447. 81	1486. 89	1454. 75	1467. 26	1491. 14	1446. 02	1452. 52	1408. 85	1457. 32	1431. 05
Y 28. 0	1282. 49	1346. 62	1347. 37	1385. 80	1361. 01	1367. 95	1387. 26	1350. 39	1357. 77	1315. 83	1361. 90	1331. 49
Y 29. 0	1197. 94	1254. 70	1260. 60	1299. 42	1275. 59	1275. 09	1293. 63	1260. 46	1269. 38	1227. 40	1274. 57	1242. 24
Y 30. 0	1115. 50	1169. 99	1180. 81	1218. 12	1197. 95	1191. 10	1208. 29	1175. 84	1188. 25	1144. 02	1191. 94	1165. 69
Y 31. 0	1042. 25	1090. 79	1103. 04	1142. 54	1123. 39	1112. 80	1128. 89	1093. 36	1108. 79	1062. 58	1108. 58	1087. 30
Y 32. 0	967. 47	1017. 33	1032. 31	1072. 75	1050. 21	1040. 56	1052. 78	1012. 61	1029. 54	981. 92	1031. 86	1011. 38
Y 33. 0	883. 48	942. 63	951. 69	997. 24	967. 26	957. 44	975. 04	928. 91	945. 35	890. 62	947. 51	930. 24
Y 34. 0	780. 51	849. 78	851. 03	904. 79	868. 08	861. 73	884. 70	826. 88	842. 93	788. 62	844. 41	830. 36
Y 35. 0	686. 76	750. 70	748. 79	796. 33	759. 90	754. 32	776. 35	717. 30	733. 18	676. 56	735. 08	722. 42
Y 36. 0	581. 99	644. 69	639. 47	681. 40	648. 80	641. 36	672. 36	604. 38	618. 27	566. 70	623. 58	615. 98
Y 37. 0	476. 01	540. 36	528. 25	571. 72	538. 04	534. 70	562. 59	495. 11	507. 41	461. 52	514. 07	510. 97
Y 38. 0	376. 87	435. 38	428. 82	464. 24	431. 00	432. 15	451. 95	391. 00	406. 03	362. 85	410. 04	411. 25
Y 39. 0	279. 43	336. 80	330. 92	364. 10	330. 96	334. 71	353. 93	290. 92	308. 37	272. 77	312. 81	317. 39
Y 40. 0	197. 48	249. 71	239. 83	273. 90	245. 47	246. 98	259. 86	213. 11	217. 81	196. 17	227. 84	224. 63
Y 41. 0	125. 24	164. 69	162. 68	193. 01	167. 27	169. 54	177. 78	141. 10	141. 77	130. 72	152. 48	148. 53
Y 42. 0	71. 94	105. 09	98. 75	122. 86	103. 07	105. 86	108. 26	79. 95	80. 79	78. 04	90. 50	87. 61
Y 43. 0	44. 08	59. 35	54. 94	70. 75	59. 09	61. 98	59. 81	49. 01	47. 28	50. 11	53. 29	52. 52
Y 44. 0	35. 07	38. 26	37. 67	43. 93	41. 49	43. 70	40. 13	38. 58	34. 48	41. 69	40. 29	38. 49
Y 45. 0	29. 80	32. 43	32. 09	34. 96	33. 97	36. 27	33. 49	33. 72	31. 32	34. 41	32. 69	33. 31
Y 46. 0	26. 06	28. 42	26. 85	30. 07	29. 42	30. 28	28. 43	27. 36	26. 31	28. 98	27. 61	28. 92

IES Indoor Report  
Photometric Filename:60度发光杯.IES

Candela Tabulation - (Cont.)

V/H	C0. 0	C30. 0	C60. 0	C90. 0	C120. 0	C150. 0	C180. 0	C210. 0	C240. 0	C270. 0	C300. 0	C330. 0
Y 47. 0	22. 45	24. 44	24. 19	26. 64	26. 77	28. 04	25. 82	25. 58	23. 48	26. 88	25. 38	24. 88
Y 48. 0	22. 03	22. 45	23. 29	24. 11	23. 71	24. 94	23. 57	23. 36	21. 66	23. 06	22. 97	22. 97
Y 49. 0	19. 31	21. 20	19. 63	20. 97	21. 04	21. 81	21. 42	20. 07	20. 01	20. 86	19. 68	21. 15
Y 50. 0	17. 32	18. 46	17. 81	19. 82	20. 26	19. 88	18. 29	18. 40	16. 71	19. 26	19. 10	19. 19
Y 51. 0	16. 49	17. 37	17. 37	18. 95	18. 16	18. 13	17. 56	17. 05	15. 28	18. 22	17. 50	16. 41
Y 52. 0	13. 85	16. 84	15. 29	15. 86	15. 91	16. 45	15. 52	16. 04	14. 94	14. 66	14. 13	15. 07
Y 53. 0	12. 74	13. 90	13. 01	15. 24	14. 02	15. 19	12. 90	13. 00	12. 69	13. 96	14. 25	14. 09
Y 54. 0	12. 76	12. 54	13. 48	13. 81	13. 24	12. 63	13. 14	12. 52	10. 79	12. 91	12. 35	11. 83
Y 55. 0	10. 29	12. 50	11. 73	11. 85	11. 77	11. 00	11. 67	11. 65	9. 68	10. 66	9. 96	11. 19
Y 56. 0	9. 27	10. 35	10. 05	10. 40	10. 52	11. 19	9. 39	9. 75	9. 85	10. 40	9. 13	9. 89
Y 57. 0	8. 46	9. 61	9. 55	9. 86	10. 38	9. 31	9. 23	8. 45	8. 05	9. 07	8. 54	8. 06
Y 58. 0	7. 69	8. 18	8. 20	7. 80	8. 05	7. 71	7. 40	7. 90	6. 60	6. 92	6. 70	7. 61
Y 59. 0	5. 60	7. 33	5. 96	7. 26	6. 77	7. 37	5. 88	6. 76	5. 69	5. 90	6. 29	6. 75
Y 60. 0	5. 10	6. 35	5. 35	6. 93	5. 71	6. 41	5. 80	4. 80	4. 88	6. 36	5. 79	4. 27
Y 61. 0	4. 14	5. 73	5. 74	5. 88	4. 73	4. 38	5. 01	5. 09	2. 52	4. 95	3. 38	4. 68
Y 62. 0	2. 56	4. 31	3. 31	3. 32	3. 92	4. 18	2. 99	4. 41	2. 70	2. 47	2. 66	4. 13
Y 63. 0	2. 41	2. 80	2. 98	3. 49	3. 55	3. 40	3. 03	3. 10	1. 69	2. 84	2. 72	2. 00
Y 64. 0	2. 81	2. 51	3. 12	2. 85	1. 78	1. 82	2. 56	1. 58	1. 04	2. 92	2. 26	1. 33
Y 65. 0	0. 89	2. 81	1. 25	1. 06	1. 51	1. 64	1. 14	2. 12	0. 00	0. 77	0. 00	1. 27
Y 66. 0	0. 45	1. 47	0. 00	1. 27	1. 85	1. 32	0. 26	1. 78	0. 63	0. 86	1. 21	0. 00
Y 67. 0	0. 00	0. 38	1. 49	0. 89	0. 00	0. 12	1. 18	0. 19	0. 00	0. 29	0. 00	0. 00
Y 68. 0	0. 00	0. 36	0. 14	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 69. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 07	0. 00
Y 70. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 71. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 72. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 73. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 74. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 75. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 76. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 77. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 78. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 79. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 80. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 81. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 82. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 83. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 84. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 85. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 86. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 87. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 88. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 89. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 90. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 91. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 92. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 93. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00



**IES Indoor Report**  
**Photometric Filename:60度发光杯.IES**

**Candela Tabulation - (Cont.)**

V/H	C0. 0	C30. 0	C60. 0	C90. 0	C120. 0	C150. 0	C180. 0	C210. 0	C240. 0	C270. 0	C300. 0	C330. 0
Y 94. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 95. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 96. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 97. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 98. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 99. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 100. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 101. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 102. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 103. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 104. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 105. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 106. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 107. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 108. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 109. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 110. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 111. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 112. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 113. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 114. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 115. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 116. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 117. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 118. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 119. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 120. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 121. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 122. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 123. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 124. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 125. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 126. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 127. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 128. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 129. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 130. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 32	0. 00	0. 00	0. 00
Y 131. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 13	0. 00	0. 00	0. 15
Y 132. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 29	0. 01	0. 00	0. 24	0. 46	0. 00
Y 133. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 90	0. 34	1. 24	0. 70	0. 00
Y 134. 0	0. 24	0. 21	0. 00	0. 00	0. 00	0. 00	0. 80	1. 17	2. 20	1. 81	0. 43	1. 86
Y 135. 0	0. 62	0. 00	0. 26	0. 00	0. 37	0. 00	2. 49	1. 99	2. 18	2. 11	2. 48	1. 91
Y 136. 0	0. 21	1. 50	1. 17	1. 32	0. 01	0. 82	2. 36	3. 55	2. 56	3. 05	2. 45	2. 35
Y 137. 0	1. 95	1. 86	0. 73	0. 74	0. 00	1. 41	2. 47	2. 68	4. 80	3. 78	2. 43	3. 03
Y 138. 0	2. 46	1. 68	0. 94	1. 03	1. 29	1. 92	3. 98	3. 24	4. 29	3. 07	4. 06	4. 22
Y 139. 0	2. 57	2. 43	2. 75	1. 92	2. 94	2. 27	4. 64	5. 59	4. 73	5. 18	4. 95	4. 28
Y 140. 0	3. 53	3. 87	2. 58	3. 41	3. 30	2. 96	4. 20	6. 76	5. 17	5. 99	3. 84	6. 08

IES Indoor Report

Photometric Filename:60度发光杯.IES

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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	5.30	4.53	2.70	3.19	2.86	3.77	6.48	6.01	8.02	5.81	5.82	6.45
Y 142.0	5.32	4.23	3.82	3.71	4.18	3.61	6.72	7.88	6.56	7.33	6.88	6.53
Y 143.0	6.34	6.45	5.55	5.75	4.51	5.30	7.14	8.36	7.76	8.88	6.72	7.27
Y 144.0	7.49	6.40	5.79	5.10	4.95	6.99	7.36	8.55	9.02	8.10	7.73	9.00
Y 145.0	6.67	6.12	6.71	6.32	6.13	6.43	9.71	9.81	10.20	9.28	9.85	9.06
Y 146.0	7.42	8.12	7.61	7.49	8.74	6.62	9.43	11.07	9.36	11.27	9.77	10.21
Y 147.0	9.35	7.97	7.42	8.21	7.69	9.23	9.62	11.08	10.21	11.10	10.34	11.66
Y 148.0	9.93	8.92	8.32	8.27	8.50	9.34	12.26	11.63	12.45	11.80	11.88	10.98
Y 149.0	9.22	10.85	10.56	9.83	9.94	9.28	12.33	13.45	12.44	13.87	13.17	12.84
Y 150.0	11.15	10.23	10.71	11.01	10.01	10.62	11.72	13.29	12.62	13.78	12.58	13.47
Y 151.0	11.69	10.58	10.53	11.04	10.47	11.31	13.97	13.75	14.98	13.76	13.17	15.05
Y 152.0	11.63	12.43	12.16	10.31	12.34	11.28	14.82	15.00	15.83	16.51	15.14	14.42
Y 153.0	12.58	13.52	12.35	12.47	12.58	12.31	14.60	16.23	16.36	15.40	14.94	15.87
Y 154.0	13.44	13.42	12.86	13.40	12.50	13.98	15.87	16.55	16.11	15.44	15.03	16.53
Y 155.0	14.21	14.17	14.59	13.52	13.04	13.22	16.91	17.62	17.37	17.56	17.06	15.78
Y 156.0	15.07	15.24	15.06	13.92	14.84	13.79	17.26	17.05	17.70	17.83	17.80	17.17
Y 157.0	15.83	15.07	15.23	15.36	14.19	15.46	16.73	17.53	17.27	18.08	17.77	18.12
Y 158.0	17.09	15.36	16.40	15.98	14.15	15.77	18.68	18.53	19.19	18.63	18.06	17.10
Y 159.0	15.99	17.59	17.40	14.80	16.09	15.16	19.99	19.51	19.88	20.54	19.72	19.15
Y 160.0	17.07	17.30	16.93	16.95	16.73	16.82	19.59	19.27	20.00	19.78	19.81	19.53
Y 161.0	17.93	16.80	17.55	17.62	15.67	17.90	19.56	20.38	20.77	20.17	18.71	18.81
Y 162.0	17.26	18.80	18.68	17.45	16.60	17.43	21.75	21.35	21.92	22.02	20.85	20.45
Y 163.0	17.92	19.54	18.05	17.38	18.74	17.68	21.40	20.50	21.77	21.10	21.75	21.41
Y 164.0	19.80	19.41	18.70	18.90	18.32	18.75	21.77	22.47	21.53	21.31	21.28	20.76
Y 165.0	19.58	19.30	20.64	19.44	18.96	19.04	21.81	22.71	23.15	22.76	21.72	21.70
Y 166.0	19.82	20.42	20.68	19.41	20.51	19.33	22.96	22.04	22.52	23.00	22.85	22.61
Y 167.0	21.32	20.02	20.09	20.76	20.54	21.21	22.34	23.33	22.38	23.48	22.57	22.67
Y 168.0	21.45	20.99	21.63	20.95	20.74	20.14	22.52	24.16	23.56	24.11	22.64	22.08
Y 169.0	21.32	22.18	21.97	21.00	21.93	20.89	25.22	23.32	23.71	24.64	23.91	24.46
Y 170.0	22.60	22.61	22.83	20.73	22.19	22.32	24.85	23.59	23.51	23.93	24.80	24.29
Y 171.0	22.84	23.52	22.96	21.71	22.34	21.23	25.56	23.79	24.90	24.23	23.73	23.54
Y 172.0	24.02	24.01	23.23	22.03	23.56	23.35	24.78	24.15	24.24	24.46	24.84	24.75
Y 173.0	23.82	24.35	23.37	22.69	24.05	23.86	25.30	24.56	24.48	24.67	26.44	24.83
Y 174.0	26.15	23.28	24.35	23.64	24.65	23.95	26.33	25.87	25.41	25.01	25.00	25.13
Y 175.0	25.20	23.76	24.32	22.95	25.51	24.76	25.83	25.59	25.61	25.34	25.35	25.17
Y 176.0	24.79	26.40	25.19	24.57	23.97	24.66	26.16	25.57	26.48	26.08	25.43	25.46
Y 177.0	26.65	24.82	25.41	26.49	24.86	24.87	26.22	27.39	26.83	25.71	25.28	25.18
Y 178.0	26.03	25.20	25.20	24.60	25.26	26.92	26.40	26.32	25.67	25.49	26.48	25.93
Y 179.0	27.02	26.39	25.48	26.95	26.77	25.61	27.05	27.36	26.79	25.87	25.76	24.46
Y 180.0	26.62	26.62	26.62	26.62	26.62	26.62	26.62	26.62	26.62	26.62	26.62	26.62