

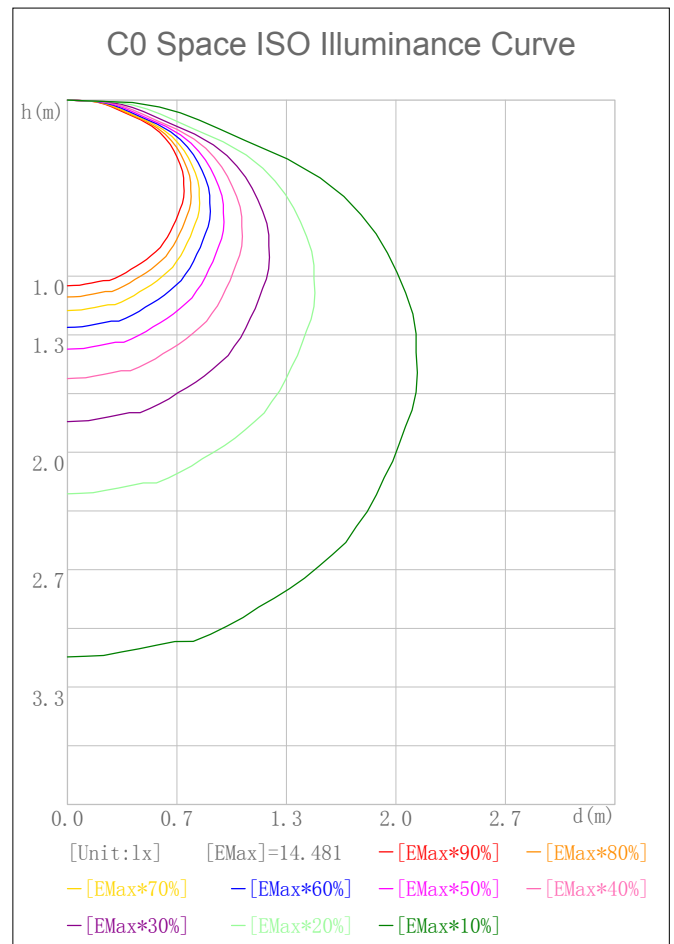
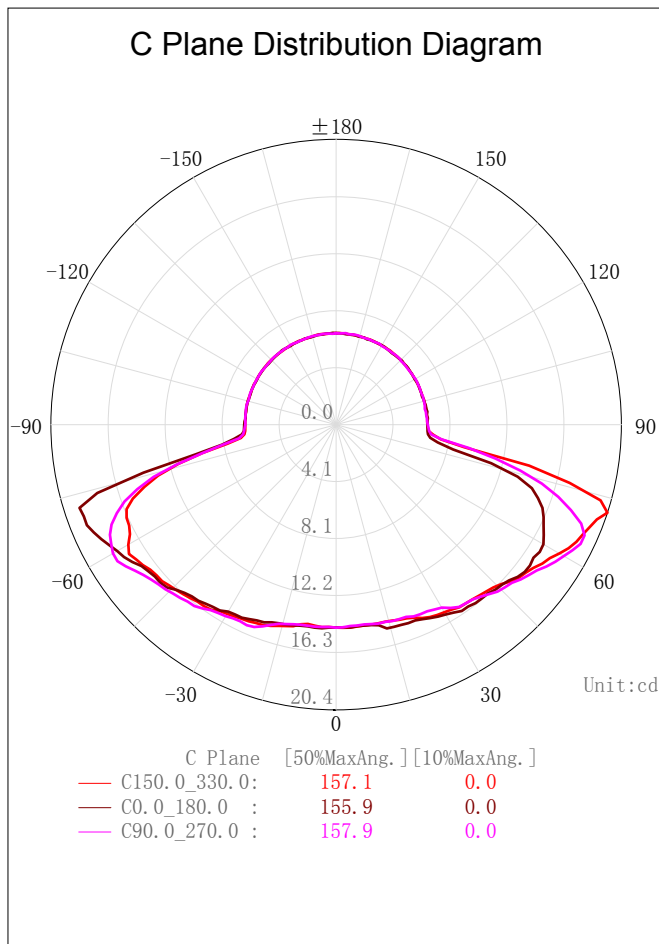
Indoor Luminaire Photometric Data

Description Information

Luminaire Name:		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:ZH03QA5	Test Date: 2021/10/23
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab: Test		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): 0.010
Test System: C, γ	Test Step: C=15.0 γ=2.0	Temp. (°C): 25	Humidity(%): 60.0

Character Parameter

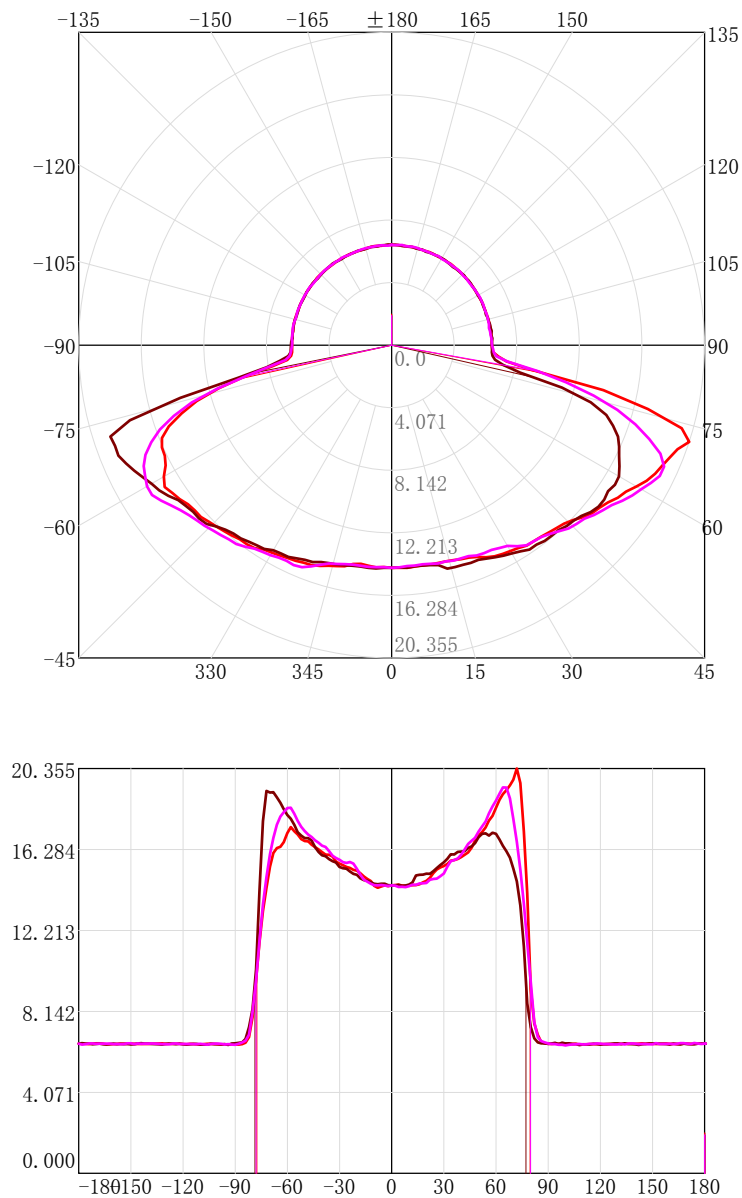
Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1000.000	Luminaire Flux(lm): 132.373	Field Angle(10%Imax): 360.0(°)	
Rated Power(W):	Luminaire Efficiency: 13.24%	Down Lumens&Percent: 91.456lm 69.09%	
Rated Voltage(V):	Luminaire EER(lm/W): 190.740	Up Lumens&Percent: 40.917lm 30.91%	
Tested Power(W): 0.694	Max. Candela(cd): 20.355	S/MH: C0_a180=1.677 C90_270=1.691	
Lamps' Inside: 1	Max Cand@Ang. (°): C=150.0 γ=72.0	CIE Type: General Diffuse	
Tested Electrics (V, A, pf):12.0, 0.058, 1.000	Beam Angle (50%Imax): 157.1(°)	ErP φ use(120°): 51.345lm	
Lamp Size (W*L*H):0.050m*-0.050m*0.000m	Left=-77.5°, Right=79.6°	IRF(%): 68.167	



2D Plane Light Intensity Distribution Curve

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:ZH03QA5	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/23

C Plane Distribution Diagram

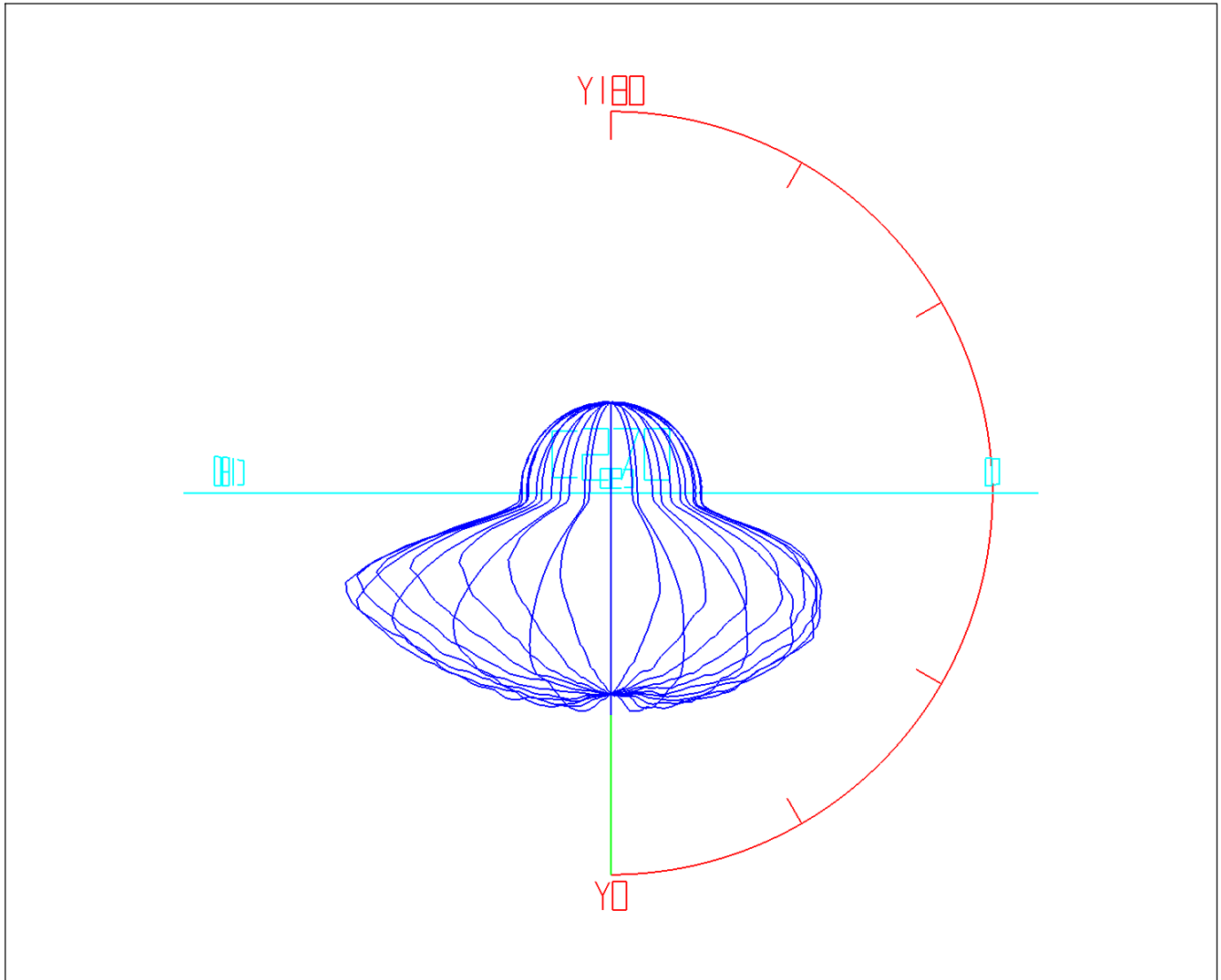


C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
— C150.0_330.0 :	157.1	0.0	
— C0.0_180.0 :	155.9	0.0	
— C90.0_270.0 :	157.9	0.0	

3D Light Intensity Distribution Modal

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:ZH03QA5	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/23

3D Light Intensity Distribution Modal



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

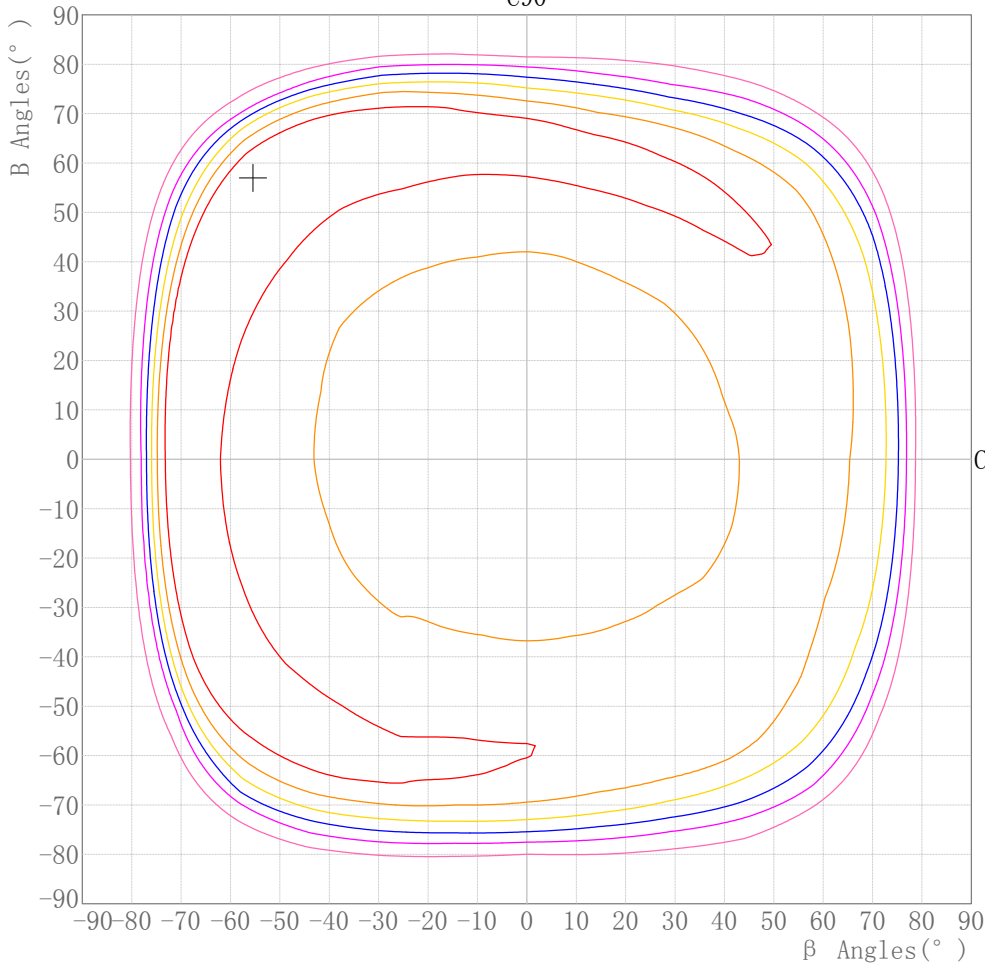
Zonal Flux Tabulation

Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-2.0	0.06	0.06	0.01	0.01	94.0-96.0	1.42	95.73	0.14	9.57
2.0-4.0	0.17	0.22	0.02	0.02	96.0-98.0	1.42	97.15	0.14	9.72
4.0-6.0	0.28	0.50	0.03	0.05	98.0-100.0	1.41	98.56	0.14	9.86
6.0-8.0	0.39	0.88	0.04	0.09	100.0-102.0	1.40	99.96	0.14	10.00
8.0-10.0	0.50	1.38	0.05	0.14	102.0-104.0	1.39	101.35	0.14	10.13
10.0-12.0	0.61	1.99	0.06	0.20	104.0-106.0	1.38	102.73	0.14	10.27
12.0-14.0	0.72	2.71	0.07	0.27	106.0-108.0	1.36	104.09	0.14	10.41
14.0-16.0	0.84	3.55	0.08	0.36	108.0-110.0	1.35	105.44	0.13	10.54
16.0-18.0	0.95	4.51	0.10	0.45	110.0-112.0	1.33	106.77	0.13	10.68
18.0-20.0	1.07	5.57	0.11	0.56	112.0-114.0	1.31	108.08	0.13	10.81
20.0-22.0	1.18	6.75	0.12	0.68	114.0-116.0	1.29	109.38	0.13	10.94
22.0-24.0	1.30	8.05	0.13	0.81	116.0-118.0	1.27	110.65	0.13	11.06
24.0-26.0	1.41	9.47	0.14	0.95	118.0-120.0	1.25	111.90	0.12	11.19
26.0-28.0	1.53	11.00	0.15	1.10	120.0-122.0	1.22	113.12	0.12	11.31
28.0-30.0	1.64	12.64	0.16	1.26	122.0-124.0	1.20	114.32	0.12	11.43
30.0-32.0	1.76	14.40	0.18	1.44	124.0-126.0	1.17	115.49	0.12	11.55
32.0-34.0	1.88	16.27	0.19	1.63	126.0-128.0	1.14	116.63	0.11	11.66
34.0-36.0	1.99	18.27	0.20	1.83	128.0-130.0	1.11	117.74	0.11	11.77
36.0-38.0	2.11	20.38	0.21	2.04	130.0-132.0	1.08	118.82	0.11	11.88
38.0-40.0	2.23	22.61	0.22	2.26	132.0-134.0	1.05	119.86	0.10	11.99
40.0-42.0	2.34	24.95	0.23	2.49	134.0-136.0	1.01	120.88	0.10	12.09
42.0-44.0	2.46	27.40	0.25	2.74	136.0-138.0	0.97	121.85	0.10	12.19
44.0-46.0	2.57	29.98	0.26	3.00	138.0-140.0	0.94	122.79	0.09	12.28
46.0-48.0	2.69	32.67	0.27	3.27	140.0-142.0	0.90	123.69	0.09	12.37
48.0-50.0	2.81	35.48	0.28	3.55	142.0-144.0	0.86	124.55	0.09	12.45
50.0-52.0	2.92	38.40	0.29	3.84	144.0-146.0	0.82	125.37	0.08	12.54
52.0-54.0	3.05	41.45	0.30	4.14	146.0-148.0	0.78	126.15	0.08	12.61
54.0-56.0	3.17	44.62	0.32	4.46	148.0-150.0	0.74	126.89	0.07	12.69
56.0-58.0	3.29	47.91	0.33	4.79	150.0-152.0	0.69	127.58	0.07	12.76
58.0-60.0	3.41	51.32	0.34	5.13	152.0-154.0	0.65	128.23	0.06	12.82
60.0-62.0	3.50	54.81	0.35	5.48	154.0-156.0	0.60	128.83	0.06	12.88
62.0-64.0	3.56	58.37	0.36	5.84	156.0-158.0	0.56	129.39	0.06	12.94
64.0-66.0	3.60	61.97	0.36	6.20	158.0-160.0	0.51	129.90	0.05	12.99
66.0-68.0	3.62	65.59	0.36	6.56	160.0-162.0	0.47	130.37	0.05	13.04
68.0-70.0	3.60	69.19	0.36	6.92	162.0-164.0	0.42	130.79	0.04	13.08
70.0-72.0	3.52	72.71	0.35	7.27	164.0-166.0	0.37	131.16	0.04	13.12
72.0-74.0	3.35	76.06	0.33	7.61	166.0-168.0	0.32	131.48	0.03	13.15
74.0-76.0	3.03	79.09	0.30	7.91	168.0-170.0	0.27	131.75	0.03	13.18
76.0-78.0	2.59	81.68	0.26	8.17	170.0-172.0	0.22	131.97	0.02	13.20
78.0-80.0	2.13	83.81	0.21	8.38	172.0-174.0	0.17	132.15	0.02	13.21
80.0-82.0	1.76	85.57	0.18	8.56	174.0-176.0	0.12	132.27	0.01	13.23
82.0-84.0	1.55	87.12	0.15	8.71	176.0-178.0	0.07	132.35	0.01	13.23
84.0-86.0	1.47	88.58	0.15	8.86	178.0-180.0	0.02	132.37	0.00	13.24
86.0-88.0	1.44	90.02	0.14	9.00					
88.0-90.0	1.43	91.46	0.14	9.15					
90.0-92.0	1.43	92.89	0.14	9.29					
92.0-94.0	1.43	94.31	0.14	9.43					

Rectangle ISO Lighting Intensity Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:ZH03QA5	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/23

ISO Lighting Intensity Curve
 C90

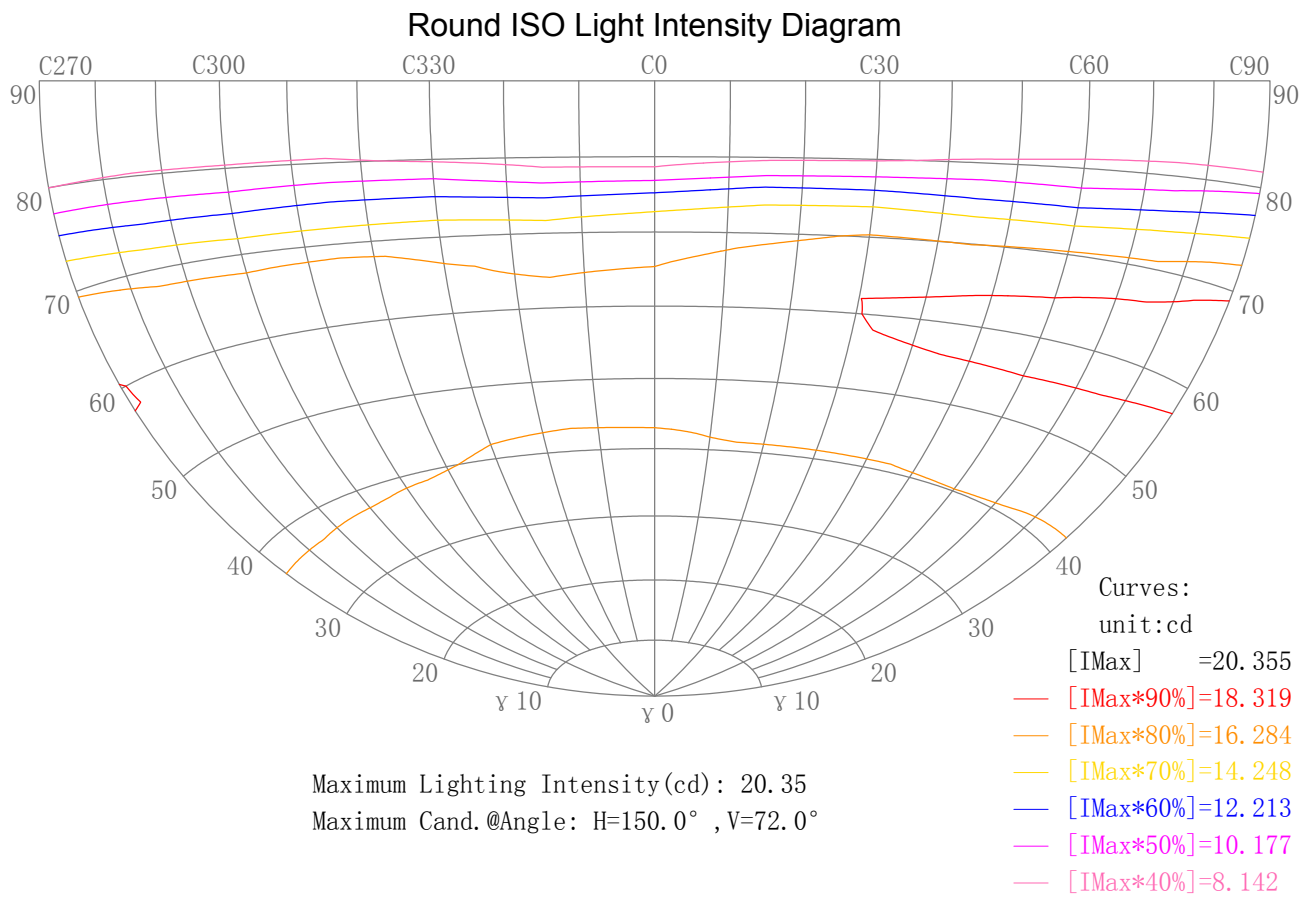


- Curves:**
 unit:cd
 [IMax] =20.355
- [IMax*90%]=18.319
 - [IMax*80%]=16.284
 - [IMax*70%]=14.248
 - [IMax*60%]=12.213
 - [IMax*50%]=10.177
 - [IMax*40%]=8.142

Maximum Light Intensity(cd): 20.35
 Maximum Cand.@Angle: H=-55.5°,V=57.0°

Round ISO Lighting Intensity Diagram

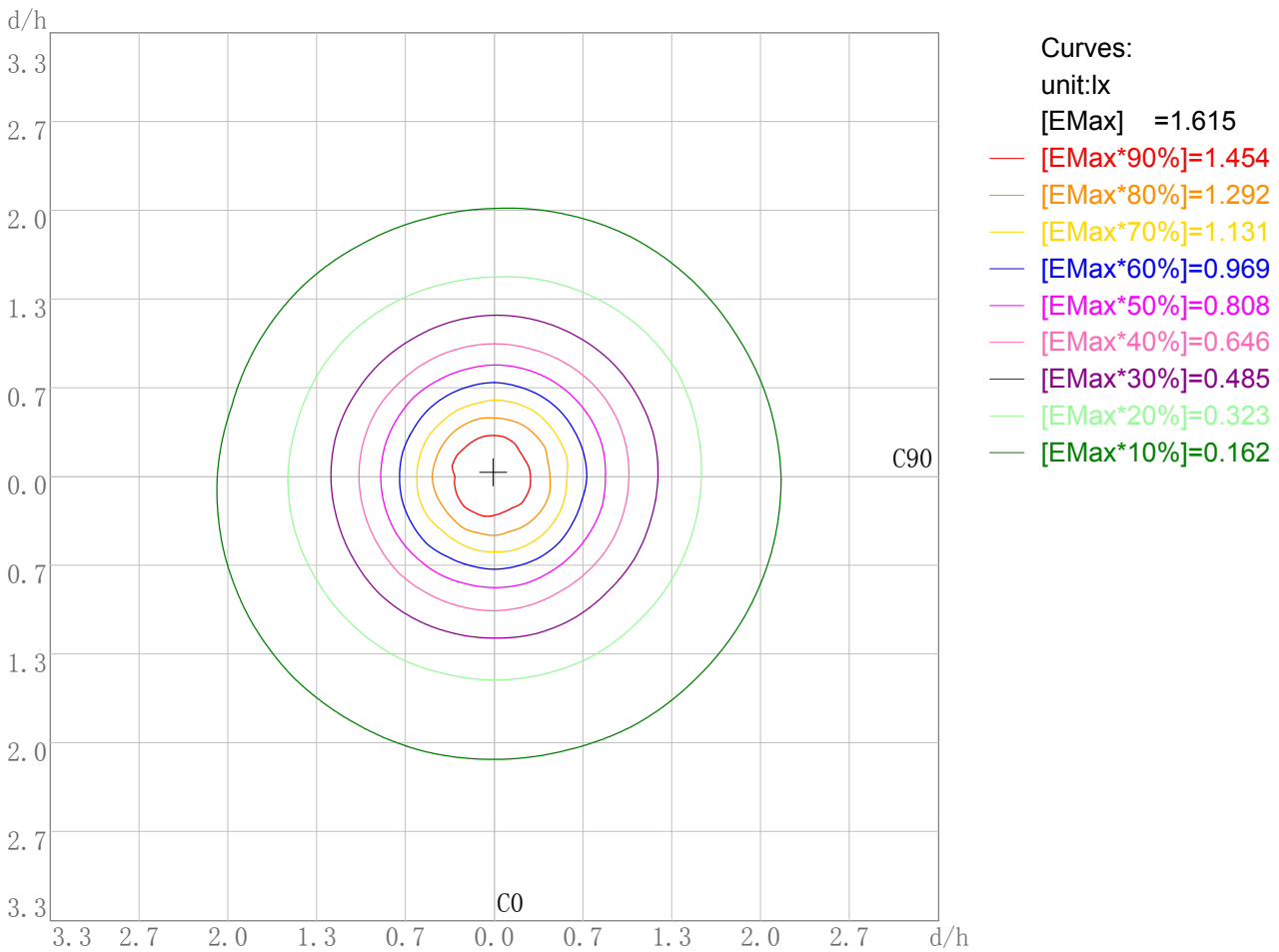
Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:ZH03QA5	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/23



Plane ISO-Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:ZH03QA5	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/23

Plane ISO-Illuminance Curve

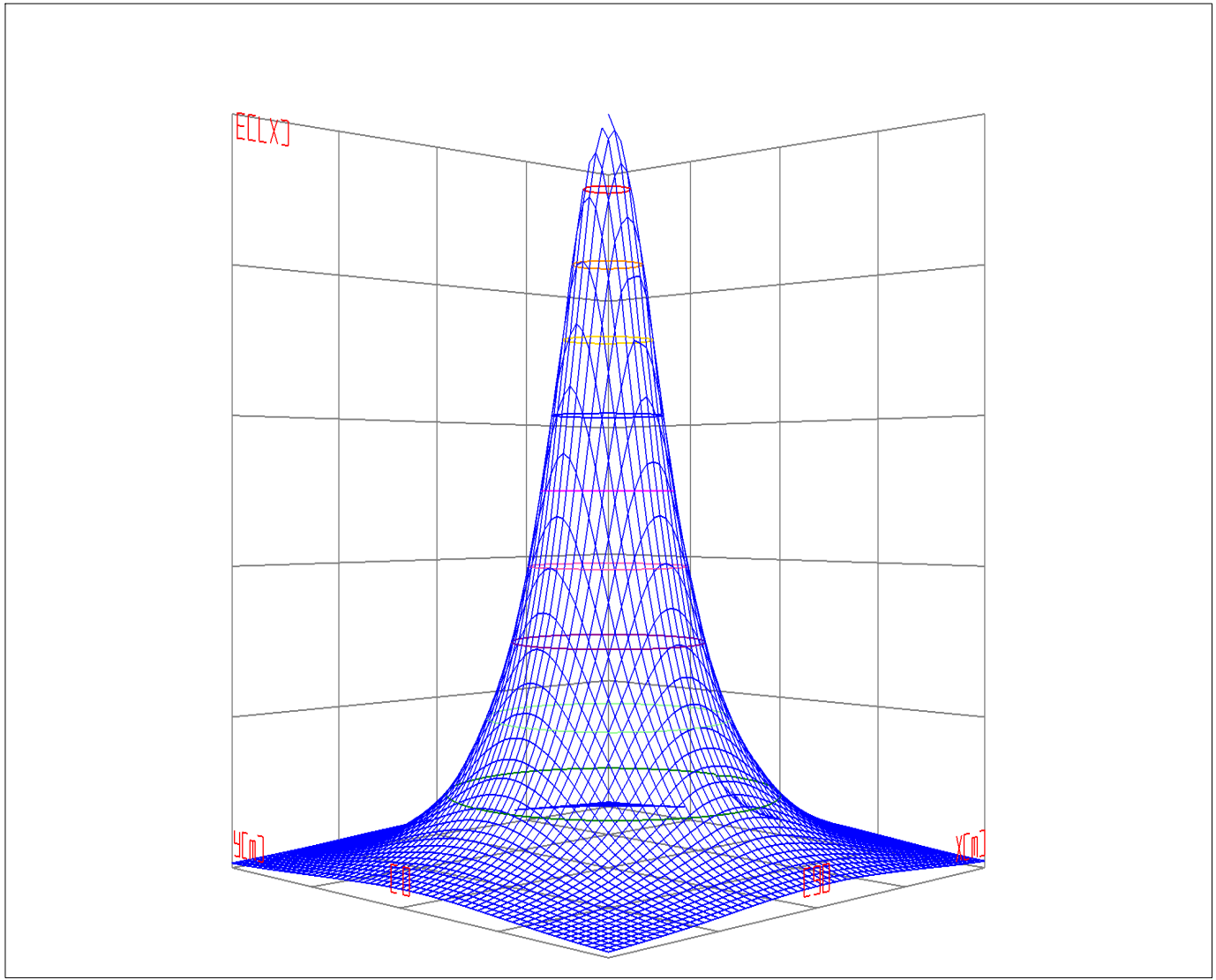


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 1.62
Working Plane Maximum Illuminance Position(d/h):H-0.0 V-0.0

3D Plane ISO Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:ZH03QA5	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/23

3D Plane Illuminance Modal

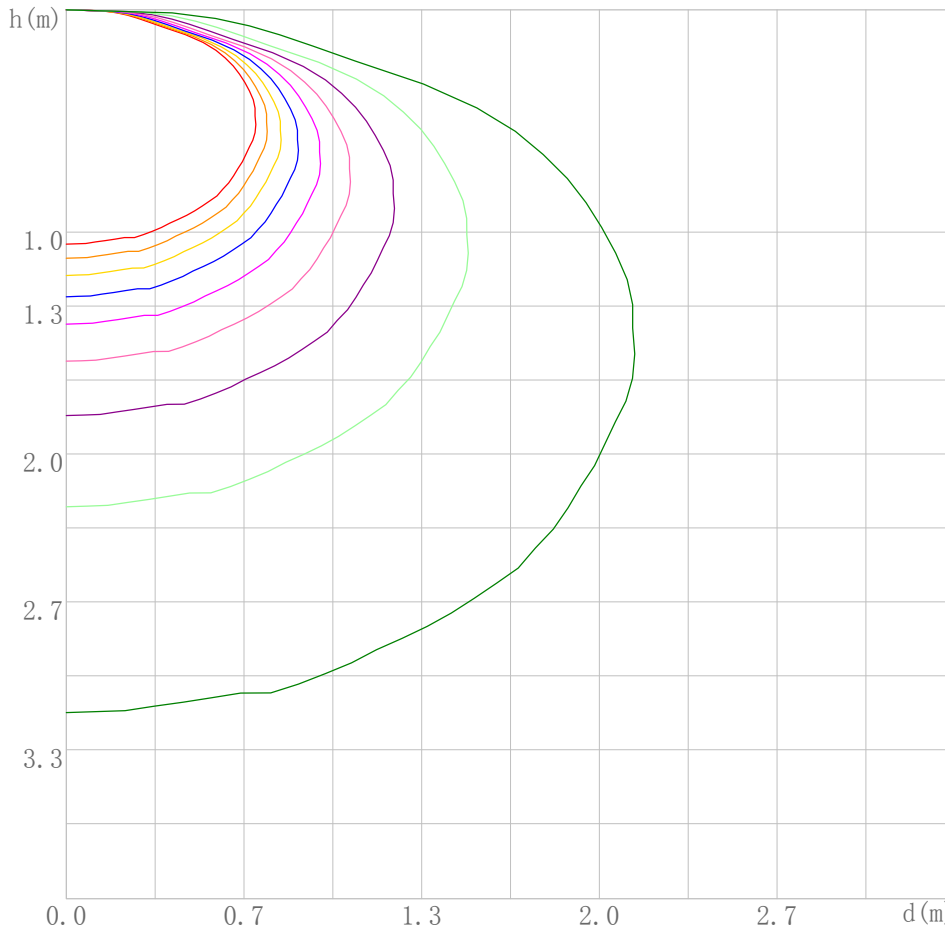


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:ZH03QA5	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/23

Space ISO Illuminance Curve



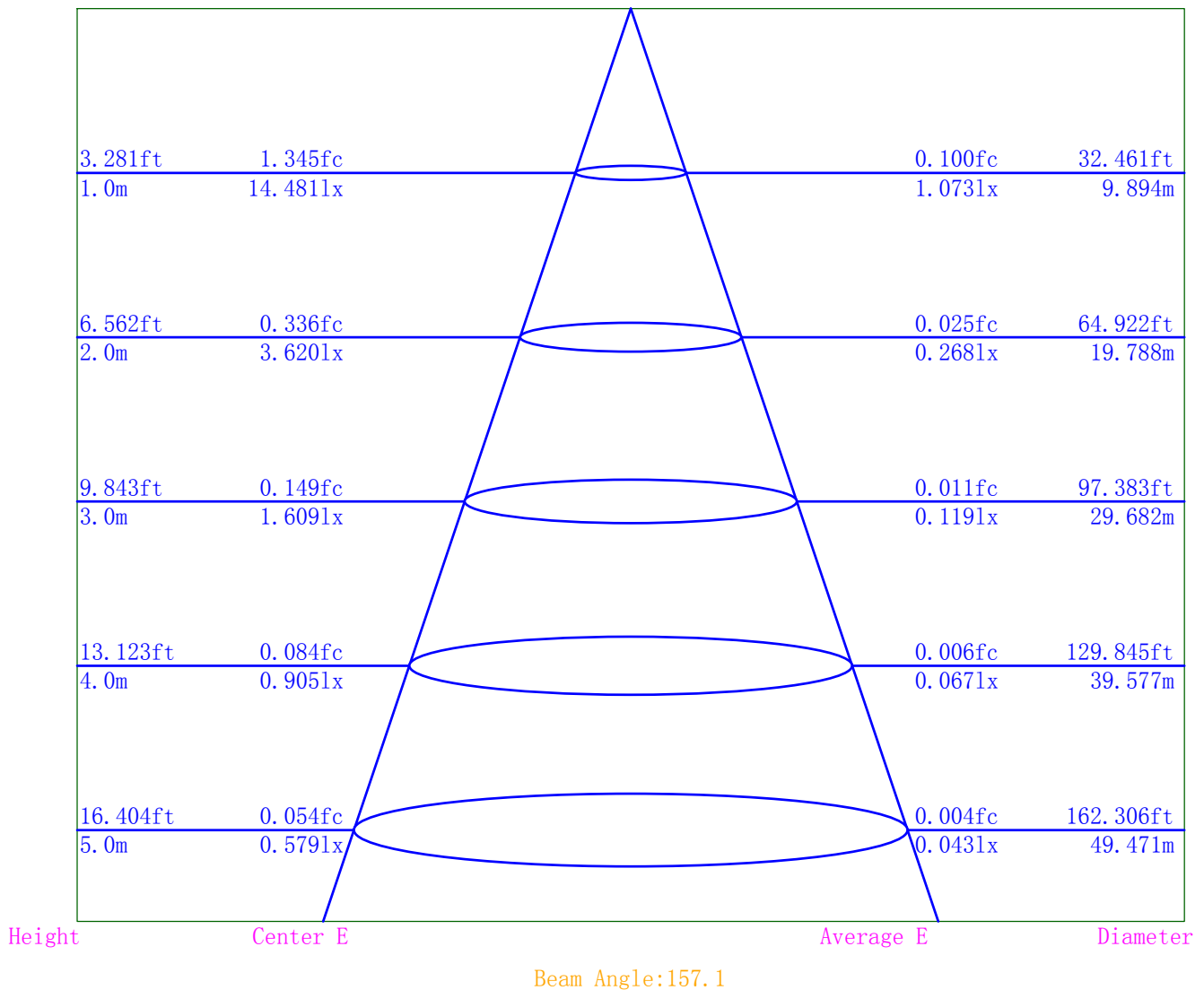
- Curves:
 [Unit: lx]
 [EMax] =14.481
- [EMax*90%]=13.033
 - [EMax*80%]=11.585
 - [EMax*70%]=10.137
 - [EMax*60%]=8.689
 - [EMax*50%]=7.240
 - [EMax*40%]=5.792
 - [EMax*30%]=4.344
 - [EMax*20%]=2.896
 - [EMax*10%]=1.448

Space Plane Maximum Illuminance and @Angle:14.48lx,0.0deg
 Plane Maximum Lighting Intensity and @Angle:17.128cd,0deg

Illuminance-Distance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:ZH03QA5	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/23

Illuminance-Distance Curve



Indoor Luminance Limiting Curves

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:ZH03QA5	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/23

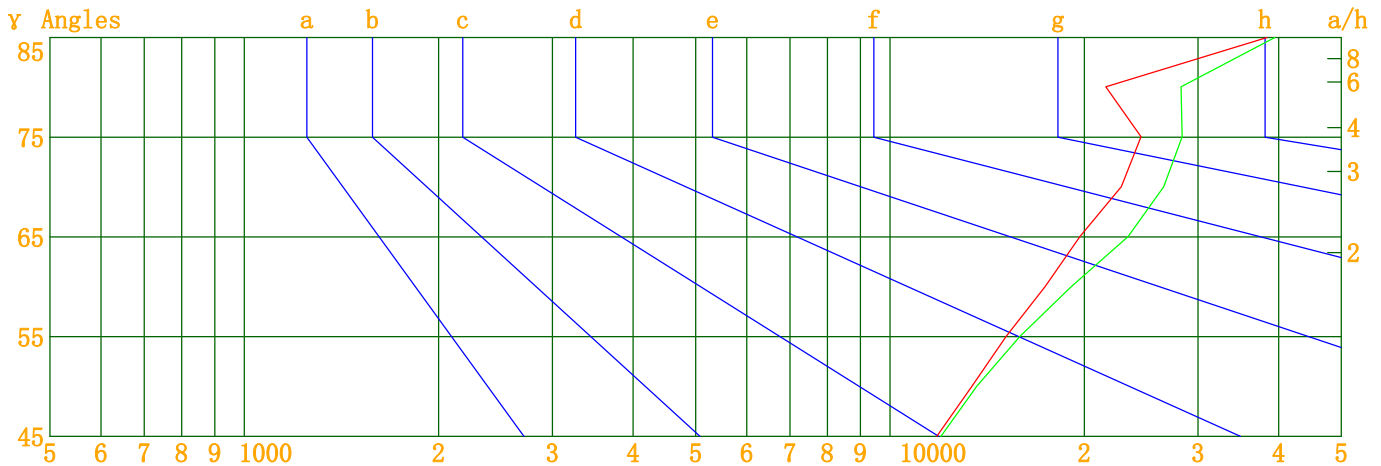
Glare Grade Table

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	11815	13391	15129	17393	19682	22823	24480	21592	38357
C90	11990	13617	15891	19098	23380	26553	28349	28232	39447

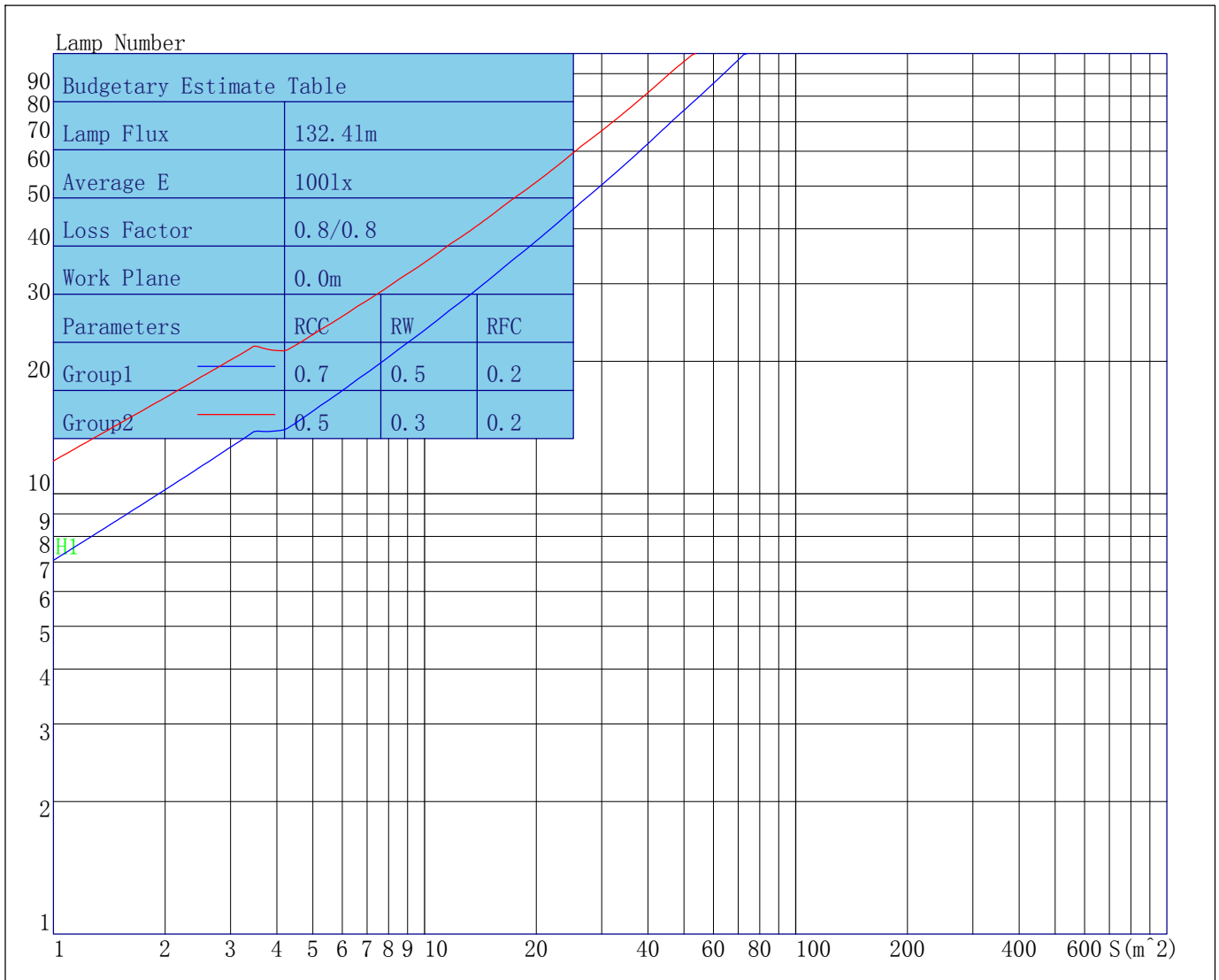
Luminance Limiting Curve



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:ZH03QA5	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/23



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:ZH03QA5	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/23

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	15	15	15	15	14	14	14	14	12	12	12	11	11	11	10	10	10	9
1	13	12	12	11	12	12	11	10	10	10	9	9	9	8	8	8	7	7
2	12	10	9	8	11	10	9	8	9	8	7	7	7	6	7	6	6	5
3	10	9	8	7	10	8	7	6	7	6	6	6	6	5	6	5	4	4
4	9	8	6	5	9	7	6	5	6	5	5	6	5	4	5	4	4	3
5	9	7	5	4	8	6	5	4	6	5	4	5	4	3	4	4	3	3
6	8	6	5	4	7	6	4	4	5	4	3	4	4	3	4	3	3	2
7	7	5	4	3	7	5	4	3	4	3	3	4	3	2	3	3	2	2
8	7	5	4	3	6	5	3	3	4	3	2	4	3	2	3	2	2	2
9	6	4	3	2	6	4	3	2	4	3	2	3	2	2	3	2	2	1
10	6	4	3	2	5	4	3	2	3	2	2	3	2	2	3	2	2	1

Unified Glare Rating Table

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:ZH03QA5	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/23

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	30.4	28.8	31.8	29.6	30.7	30.9	29.3	32.3	30.1	31.2
Y=3H	34.6	31.7	36.7	32.6	33.7	35.4	32.5	37.6	33.4	34.6
Y=4H	37.0	32.9	40.3	33.9	35.1	37.9	33.8	41.2	34.8	36.0
Y=6H	39.3	33.7	46.8	34.7	35.9	40.4	34.8	47.9	35.8	37.0
Y=8H	40.8	34.0	28.7	34.9	36.2	41.9	35.1	29.8	36.0	37.3
Y=12H	42.5	34.5	29.3	35.4	36.6	43.5	35.5	30.3	36.4	37.6
X=4H Y=2H	33.9	29.9	37.3	30.8	32.0	34.4	30.4	37.8	31.3	32.5
Y=3H	46.1	32.9	27.6	34.0	35.2	47.0	33.7	28.4	34.8	36.0
Y=4H	29.1	34.3	29.1	35.4	36.8	30.0	35.2	30.0	36.3	37.7
Y=6H	30.1	35.2	30.1	36.3	37.9	31.2	36.3	31.2	37.4	39.0
Y=8H	30.6	35.6	30.6	36.6	38.1	31.7	36.7	31.7	37.8	39.2
Y=12H	31.2	36.0	31.2	37.1	38.6	32.2	37.0	32.2	38.2	39.6
X=8H Y=4H	29.7	34.8	29.7	35.8	37.3	30.7	35.8	30.7	36.8	38.3
Y=6H	30.9	35.9	30.9	37.3	37.1	32.1	37.1	32.1	38.5	38.3
Y=8H	31.5	36.6	31.5	38.1	40.1	32.7	37.8	32.7	39.3	41.3
Y=12H	32.4	37.5	32.4	38.9	41.4	33.4	38.6	33.4	39.9	42.5
X=12H Y=4H	29.9	34.6	29.9	35.8	37.2	30.8	35.6	30.8	36.8	38.2
Y=6H	31.1	36.0	31.1	37.3	39.1	32.3	37.1	32.3	38.5	40.2
Y=8H	31.8	37.0	31.8	38.3	40.9	33.0	38.1	33.0	39.5	42.0
Variations with the objerver position at spacings										
S=1.0H	0.3/-0.3					0.4/-0.4				
S=1.5H	0.5/-0.6					0.6/-0.6				
S=2.0H	0.3/-0.5					0.4/-0.6				
Reduced UGR Table:										
Nordic Standard Table:	BKO					BKO				
Correction Value	5.0					5.2				

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

Candela Tabulation

V/H	C0.0	C15.0	C30.0	C45.0	C60.0	C75.0	C90.0	C105.0	C120.0	C135.0	C150.0	C165.0
Y 0.0	14.48	14.48	14.48	14.48	14.48	14.48	14.48	14.48	14.48	14.48	14.48	14.48
Y 2.0	14.47	14.47	14.43	14.42	14.44	14.45	14.47	14.43	14.50	14.50	14.50	14.48
Y 4.0	14.51	14.53	14.47	14.41	14.45	14.47	14.40	14.42	14.42	14.51	14.51	14.45
Y 6.0	14.46	14.48	14.48	14.45	14.51	14.50	14.41	14.37	14.47	14.55	14.48	14.41
Y 8.0	14.47	14.45	14.43	14.49	14.55	14.52	14.39	14.33	14.45	14.49	14.46	14.46
Y 10.0	14.52	14.37	14.49	14.45	14.52	14.49	14.44	14.42	14.47	14.45	14.48	14.55
Y 12.0	14.63	14.52	14.58	14.44	14.46	14.50	14.52	14.50	14.53	14.52	14.49	14.57
Y 14.0	14.98	14.66	14.61	14.48	14.44	14.53	14.50	14.57	14.61	14.68	14.49	14.56
Y 16.0	15.01	14.88	14.80	14.56	14.43	14.52	14.58	14.64	14.64	14.70	14.54	14.58
Y 18.0	15.02	15.06	14.87	14.74	14.45	14.60	14.59	14.65	14.85	14.76	14.63	14.58
Y 20.0	15.07	15.03	14.89	14.91	14.62	14.67	14.60	14.65	14.91	14.91	14.71	14.63
Y 22.0	15.06	15.13	15.07	15.08	14.90	14.72	14.76	14.86	14.96	14.95	14.86	14.81
Y 24.0	15.19	15.17	15.22	15.14	15.18	14.88	14.80	15.08	15.09	15.06	15.10	15.04
Y 26.0	15.35	15.26	15.29	15.22	15.33	15.13	14.82	15.12	15.29	15.28	15.28	15.18
Y 28.0	15.50	15.32	15.56	15.35	15.31	15.35	14.94	15.07	15.26	15.37	15.38	15.35
Y 30.0	15.64	15.62	15.62	15.45	15.30	15.39	15.08	15.16	15.27	15.38	15.46	15.53
Y 32.0	15.81	15.77	15.60	15.57	15.40	15.45	15.42	15.23	15.35	15.45	15.56	15.59
Y 34.0	16.04	15.81	15.78	15.73	15.60	15.65	15.70	15.37	15.43	15.63	15.72	15.62
Y 36.0	16.04	15.90	15.92	15.90	15.79	15.75	15.75	15.66	15.56	15.78	15.75	15.75
Y 38.0	16.17	16.06	16.09	16.02	15.96	15.96	15.83	15.98	15.73	15.86	15.81	15.91
Y 40.0	16.18	16.18	16.21	16.21	16.24	16.21	16.02	16.13	15.97	15.86	15.90	16.06
Y 42.0	16.20	16.34	16.33	16.35	16.53	16.34	16.28	16.29	16.16	15.89	16.02	16.18
Y 44.0	16.36	16.38	16.47	16.54	16.75	16.62	16.57	16.50	16.44	16.27	16.14	16.32
Y 46.0	16.44	16.40	16.64	16.91	16.93	16.90	16.73	16.61	16.60	16.50	16.38	16.56
Y 48.0	16.60	16.68	16.87	17.07	17.08	17.14	16.87	16.71	16.73	16.76	16.73	16.88
Y 50.0	16.90	16.97	17.05	17.27	17.29	17.39	17.19	16.93	16.94	16.83	17.00	17.05
Y 52.0	17.07	17.16	17.37	17.52	17.60	17.63	17.44	17.27	17.31	16.96	17.16	17.12
Y 54.0	17.09	17.47	17.73	17.90	17.97	17.95	17.69	17.61	17.44	17.27	17.40	17.29
Y 56.0	16.99	17.61	17.91	18.33	18.52	18.36	18.10	17.92	17.70	17.62	17.74	17.57
Y 58.0	17.13	17.48	18.19	18.80	19.16	18.77	18.45	18.22	18.24	17.95	17.98	17.86
Y 60.0	17.08	17.65	18.28	18.96	19.46	19.29	18.75	18.71	18.55	18.34	18.38	18.20
Y 62.0	16.78	17.44	18.31	18.64	19.22	19.57	19.09	19.08	19.00	18.93	18.78	18.49
Y 64.0	16.47	17.04	17.76	18.20	18.56	19.28	19.41	19.34	19.15	19.11	19.07	18.68
Y 66.0	16.20	16.75	17.19	17.72	17.99	18.52	19.40	19.58	19.57	19.27	19.27	18.92
Y 68.0	15.87	16.40	16.88	17.05	17.39	17.61	18.85	19.55	19.58	19.30	19.51	19.24
Y 70.0	15.33	15.91	16.42	16.25	16.48	16.74	17.83	18.81	19.68	19.42	19.79	19.61
Y 72.0	14.68	15.27	15.55	15.34	15.36	15.71	16.67	18.12	19.63	19.80	20.35	19.85
Y 74.0	13.47	14.09	14.19	13.74	13.69	14.37	15.27	16.74	17.98	19.09	19.62	18.70
Y 76.0	11.41	12.34	12.27	11.81	11.65	12.49	13.55	15.22	16.66	17.00	17.18	15.80
Y 78.0	8.54	9.66	9.90	10.12	9.94	10.55	11.61	12.90	14.13	14.56	14.08	12.64
Y 80.0	7.36	7.76	7.96	8.44	8.66	8.98	9.63	10.48	11.28	10.48	9.25	9.16
Y 82.0	6.79	6.72	7.17	7.15	7.68	7.82	7.61	8.34	8.79	8.28	7.54	6.91
Y 84.0	6.59	6.54	6.81	6.76	6.98	7.10	6.84	7.19	7.01	7.03	6.97	6.56
Y 86.0	6.54	6.47	6.65	6.60	6.66	6.75	6.66	6.82	6.71	6.60	6.61	6.48
Y 88.0	6.54	6.48	6.55	6.55	6.60	6.66	6.59	6.73	6.60	6.54	6.54	6.46
Y 90.0	6.52	6.47	6.51	6.53	6.56	6.61	6.53	6.67	6.54	6.53	6.52	6.47
Y 92.0	6.53	6.47	6.51	6.53	6.54	6.55	6.51	6.61	6.54	6.52	6.51	6.46

Candela Tabulation - (Cont.)

V/H	C0.0	C15.0	C30.0	C45.0	C60.0	C75.0	C90.0	C105.0	C120.0	C135.0	C150.0	C165.0
Y 94.0	6.57	6.50	6.51	6.54	6.53	6.51	6.50	6.57	6.54	6.51	6.53	6.45
Y 96.0	6.50	6.49	6.52	6.53	6.51	6.49	6.47	6.54	6.52	6.50	6.52	6.45
Y 98.0	6.57	6.48	6.56	6.50	6.49	6.49	6.47	6.49	6.52	6.50	6.52	6.45
Y 100.0	6.54	6.47	6.57	6.51	6.49	6.50	6.43	6.47	6.48	6.51	6.52	6.46
Y 102.0	6.54	6.49	6.56	6.53	6.50	6.49	6.47	6.47	6.50	6.51	6.52	6.46
Y 104.0	6.50	6.50	6.57	6.55	6.49	6.51	6.49	6.49	6.50	6.50	6.52	6.47
Y 106.0	6.50	6.49	6.57	6.53	6.49	6.51	6.49	6.50	6.49	6.50	6.51	6.48
Y 108.0	6.45	6.49	6.57	6.52	6.49	6.49	6.51	6.50	6.49	6.48	6.49	6.48
Y 110.0	6.49	6.53	6.50	6.52	6.50	6.51	6.49	6.50	6.48	6.49	6.49	6.49
Y 112.0	6.48	6.50	6.50	6.50	6.51	6.52	6.49	6.51	6.50	6.48	6.49	6.49
Y 114.0	6.49	6.51	6.51	6.51	6.51	6.51	6.51	6.49	6.51	6.49	6.50	6.50
Y 116.0	6.52	6.50	6.51	6.50	6.51	6.50	6.51	6.52	6.51	6.48	6.50	6.51
Y 118.0	6.51	6.49	6.49	6.50	6.50	6.51	6.53	6.53	6.51	6.49	6.50	6.52
Y 120.0	6.48	6.47	6.53	6.51	6.53	6.51	6.53	6.51	6.52	6.52	6.50	6.50
Y 122.0	6.49	6.50	6.50	6.51	6.54	6.51	6.50	6.55	6.51	6.52	6.50	6.50
Y 124.0	6.50	6.50	6.52	6.53	6.52	6.51	6.51	6.53	6.50	6.51	6.50	6.50
Y 126.0	6.51	6.49	6.52	6.52	6.51	6.52	6.49	6.54	6.53	6.49	6.51	6.50
Y 128.0	6.53	6.53	6.51	6.52	6.51	6.51	6.48	6.49	6.51	6.50	6.51	6.50
Y 130.0	6.53	6.51	6.53	6.52	6.53	6.53	6.49	6.50	6.54	6.50	6.52	6.51
Y 132.0	6.50	6.54	6.53	6.52	6.54	6.53	6.51	6.50	6.55	6.52	6.52	6.52
Y 134.0	6.54	6.52	6.53	6.53	6.51	6.53	6.49	6.53	6.52	6.49	6.52	6.51
Y 136.0	6.51	6.50	6.53	6.54	6.49	6.52	6.53	6.53	6.53	6.49	6.52	6.52
Y 138.0	6.50	6.51	6.51	6.51	6.51	6.53	6.53	6.51	6.52	6.49	6.53	6.53
Y 140.0	6.49	6.52	6.53	6.53	6.49	6.56	6.52	6.51	6.52	6.51	6.51	6.52
Y 142.0	6.46	6.51	6.53	6.53	6.48	6.55	6.50	6.54	6.51	6.52	6.52	6.51
Y 144.0	6.49	6.50	6.52	6.55	6.52	6.54	6.51	6.53	6.50	6.53	6.54	6.52
Y 146.0	6.51	6.55	6.55	6.58	6.53	6.54	6.51	6.53	6.51	6.51	6.52	6.53
Y 148.0	6.53	6.54	6.53	6.56	6.54	6.52	6.49	6.52	6.52	6.53	6.53	6.52
Y 150.0	6.53	6.53	6.51	6.56	6.53	6.50	6.49	6.52	6.52	6.54	6.51	6.53
Y 152.0	6.53	6.53	6.51	6.53	6.52	6.49	6.55	6.54	6.53	6.53	6.51	6.53
Y 154.0	6.51	6.51	6.51	6.53	6.51	6.50	6.51	6.52	6.53	6.53	6.52	6.52
Y 156.0	6.51	6.52	6.49	6.53	6.52	6.53	6.51	6.53	6.50	6.52	6.53	6.52
Y 158.0	6.50	6.52	6.51	6.53	6.55	6.51	6.52	6.51	6.51	6.53	6.53	6.52
Y 160.0	6.47	6.53	6.52	6.54	6.53	6.50	6.51	6.48	6.50	6.54	6.52	6.50
Y 162.0	6.52	6.53	6.52	6.51	6.51	6.50	6.50	6.52	6.52	6.52	6.52	6.50
Y 164.0	6.50	6.51	6.51	6.51	6.51	6.50	6.52	6.51	6.52	6.52	6.51	6.51
Y 166.0	6.49	6.51	6.53	6.54	6.53	6.51	6.55	6.51	6.52	6.53	6.51	6.51
Y 168.0	6.52	6.51	6.53	6.56	6.52	6.50	6.55	6.53	6.52	6.50	6.52	6.51
Y 170.0	6.50	6.51	6.52	6.53	6.51	6.51	6.53	6.53	6.56	6.49	6.53	6.51
Y 172.0	6.49	6.52	6.52	6.51	6.50	6.53	6.51	6.52	6.52	6.52	6.51	6.51
Y 174.0	6.50	6.53	6.54	6.48	6.48	6.52	6.56	6.49	6.54	6.51	6.52	6.53
Y 176.0	6.52	6.50	6.54	6.52	6.49	6.52	6.53	6.51	6.52	6.51	6.53	6.55
Y 178.0	6.53	6.53	6.53	6.54	6.51	6.53	6.51	6.54	6.49	6.50	6.53	6.55
Y 180.0	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53
V/H	C180.0	C195.0	C210.0	C225.0	C240.0	C255.0	C270.0	C285.0	C300.0	C315.0	C330.0	C345.0
Y 0.0	14.48	14.48	14.48	14.48	14.48	14.48	14.48	14.48	14.48	14.48	14.48	14.48
Y 2.0	14.49	14.56	14.51	14.50	14.49	14.45	14.45	14.45	14.38	14.40	14.44	14.42

Candela Tabulation - (Cont.)

V/H	C180.0	C195.0	C210.0	C225.0	C240.0	C255.0	C270.0	C285.0	C300.0	C315.0	C330.0	C345.0
Y 4.0	14.56	14.59	14.51	14.46	14.45	14.49	14.48	14.41	14.39	14.44	14.48	14.44
Y 6.0	14.56	14.51	14.42	14.49	14.48	14.54	14.50	14.30	14.40	14.48	14.42	14.45
Y 8.0	14.54	14.64	14.66	14.53	14.52	14.53	14.48	14.34	14.33	14.41	14.36	14.49
Y 10.0	14.56	14.89	14.91	14.64	14.56	14.53	14.49	14.43	14.32	14.44	14.46	14.54
Y 12.0	14.63	14.97	14.95	14.82	14.72	14.61	14.56	14.52	14.52	14.69	14.70	14.66
Y 14.0	14.72	14.95	14.90	14.96	14.86	14.76	14.67	14.78	14.95	14.97	14.81	14.83
Y 16.0	14.75	14.96	14.94	15.04	15.02	14.92	14.77	14.99	15.10	15.06	14.93	14.99
Y 18.0	14.84	14.96	15.01	15.14	15.07	15.02	15.02	15.24	15.20	15.02	15.09	15.09
Y 20.0	15.01	15.10	15.11	15.23	15.10	15.18	15.31	15.32	15.22	15.11	15.22	15.17
Y 22.0	15.06	15.16	15.20	15.26	15.21	15.34	15.57	15.37	15.28	15.23	15.26	15.23
Y 24.0	15.19	15.12	15.34	15.23	15.28	15.45	15.66	15.47	15.39	15.42	15.35	15.35
Y 26.0	15.32	15.14	15.27	15.27	15.40	15.57	15.61	15.57	15.59	15.45	15.41	15.40
Y 28.0	15.34	15.31	15.24	15.28	15.62	15.71	15.65	15.67	15.67	15.48	15.49	15.39
Y 30.0	15.40	15.49	15.43	15.46	15.78	15.84	15.77	15.74	15.75	15.57	15.58	15.46
Y 32.0	15.63	15.59	15.58	15.82	15.89	15.97	15.85	15.79	15.81	15.75	15.68	15.60
Y 34.0	15.70	15.59	15.68	16.07	16.06	16.06	15.97	15.96	15.79	15.91	15.93	15.81
Y 36.0	15.80	15.79	15.88	16.23	16.19	16.25	16.20	16.22	16.11	16.11	16.01	16.06
Y 38.0	15.95	15.87	16.09	16.24	16.31	16.38	16.42	16.39	16.33	16.20	16.02	16.10
Y 40.0	16.00	15.99	16.18	16.25	16.43	16.46	16.48	16.50	16.42	16.41	16.16	16.06
Y 42.0	16.15	16.33	16.34	16.46	16.52	16.56	16.62	16.61	16.55	16.54	16.28	16.18
Y 44.0	16.39	16.52	16.53	16.75	16.59	16.67	16.75	16.77	16.72	16.49	16.41	16.34
Y 46.0	16.74	16.64	16.77	16.94	16.80	16.82	16.91	16.94	16.89	16.61	16.52	16.46
Y 48.0	16.86	16.85	16.98	17.05	17.04	16.98	17.03	16.99	16.93	16.72	16.69	16.67
Y 50.0	16.86	16.92	17.10	17.25	17.16	17.12	17.21	17.22	16.94	16.83	16.71	16.79
Y 52.0	16.99	17.10	17.42	17.59	17.36	17.32	17.43	17.45	17.29	17.10	16.81	16.85
Y 54.0	17.15	17.40	17.61	17.79	17.74	17.66	17.73	17.72	17.53	17.29	17.04	16.95
Y 56.0	17.52	17.47	17.83	17.88	18.03	18.09	18.08	17.92	17.84	17.55	17.20	16.94
Y 58.0	17.83	17.90	18.11	18.12	18.16	18.43	18.39	17.90	17.79	17.69	17.41	17.03
Y 60.0	18.02	18.21	18.29	18.45	18.33	18.64	18.36	17.72	17.77	17.64	17.10	16.86
Y 62.0	18.31	18.39	18.45	18.62	18.63	18.71	18.16	17.50	17.40	17.19	16.65	16.51
Y 64.0	18.63	18.74	18.74	18.86	18.80	18.52	17.94	17.06	16.99	16.80	16.42	16.29
Y 66.0	18.91	19.09	18.95	19.12	18.74	18.19	17.53	16.75	16.75	16.71	16.35	16.12
Y 68.0	19.17	19.28	19.25	19.12	18.51	17.48	16.86	16.34	16.24	16.42	16.11	15.66
Y 70.0	19.15	19.34	19.18	18.60	17.77	16.63	16.05	15.67	15.26	15.36	15.43	15.03
Y 72.0	19.23	19.17	18.22	17.55	16.55	15.53	14.90	14.41	14.17	14.26	14.36	14.10
Y 74.0	17.71	17.52	16.94	16.21	15.12	14.12	13.53	12.98	12.90	13.20	13.20	12.89
Y 76.0	14.16	14.86	15.15	14.48	13.40	12.33	11.67	11.28	11.15	11.56	11.59	10.91
Y 78.0	10.25	10.32	12.60	12.13	11.34	10.32	9.71	9.72	9.61	9.82	9.74	8.61
Y 80.0	8.26	8.17	9.20	9.83	9.31	8.58	8.13	8.31	8.33	8.42	7.86	7.29
Y 82.0	7.35	6.84	7.55	7.97	7.75	7.36	6.98	7.31	7.31	7.40	6.86	6.79
Y 84.0	6.76	6.57	6.87	6.92	6.89	6.78	6.67	6.83	6.78	6.75	6.57	6.61
Y 86.0	6.59	6.47	6.58	6.58	6.66	6.64	6.58	6.67	6.59	6.57	6.50	6.54
Y 88.0	6.56	6.44	6.51	6.50	6.60	6.59	6.52	6.63	6.56	6.53	6.48	6.49
Y 90.0	6.54	6.45	6.49	6.50	6.57	6.58	6.47	6.64	6.55	6.51	6.47	6.47
Y 92.0	6.53	6.44	6.50	6.50	6.55	6.55	6.47	6.55	6.52	6.54	6.48	6.49
Y 94.0	6.46	6.46	6.50	6.49	6.53	6.51	6.50	6.54	6.51	6.53	6.49	6.50
Y 96.0	6.50	6.51	6.51	6.51	6.53	6.48	6.49	6.49	6.51	6.51	6.49	6.51

Candela Tabulation - (Cont.)

V/H	C180.0	C195.0	C210.0	C225.0	C240.0	C255.0	C270.0	C285.0	C300.0	C315.0	C330.0	C345.0
Y 98.0	6.48	6.50	6.53	6.54	6.52	6.49	6.51	6.52	6.52	6.52	6.48	6.51
Y 100.0	6.50	6.51	6.53	6.51	6.49	6.48	6.52	6.50	6.52	6.50	6.49	6.51
Y 102.0	6.50	6.53	6.50	6.49	6.48	6.48	6.53	6.47	6.51	6.49	6.51	6.51
Y 104.0	6.52	6.53	6.51	6.50	6.48	6.49	6.51	6.48	6.50	6.51	6.52	6.51
Y 106.0	6.47	6.51	6.54	6.52	6.46	6.51	6.47	6.50	6.51	6.53	6.51	6.52
Y 108.0	6.47	6.50	6.51	6.52	6.49	6.51	6.49	6.52	6.52	6.52	6.50	6.53
Y 110.0	6.48	6.44	6.49	6.50	6.51	6.50	6.52	6.52	6.52	6.51	6.48	6.52
Y 112.0	6.51	6.48	6.49	6.51	6.51	6.48	6.50	6.54	6.52	6.50	6.49	6.53
Y 114.0	6.51	6.51	6.53	6.52	6.51	6.47	6.50	6.53	6.53	6.51	6.51	6.53
Y 116.0	6.49	6.46	6.53	6.55	6.51	6.49	6.51	6.54	6.51	6.51	6.52	6.50
Y 118.0	6.48	6.52	6.55	6.49	6.52	6.50	6.51	6.52	6.51	6.51	6.49	6.49
Y 120.0	6.49	6.53	6.55	6.49	6.52	6.48	6.51	6.53	6.50	6.49	6.51	6.49
Y 122.0	6.51	6.50	6.55	6.50	6.54	6.48	6.51	6.52	6.54	6.51	6.52	6.50
Y 124.0	6.50	6.49	6.53	6.51	6.54	6.50	6.53	6.50	6.51	6.50	6.52	6.50
Y 126.0	6.51	6.48	6.53	6.52	6.53	6.51	6.53	6.53	6.50	6.52	6.51	6.50
Y 128.0	6.53	6.54	6.54	6.52	6.54	6.52	6.49	6.53	6.52	6.51	6.51	6.50
Y 130.0	6.51	6.51	6.55	6.53	6.53	6.52	6.50	6.50	6.54	6.51	6.52	6.52
Y 132.0	6.48	6.54	6.54	6.54	6.51	6.53	6.50	6.54	6.53	6.52	6.54	6.52
Y 134.0	6.49	6.49	6.55	6.56	6.51	6.53	6.52	6.49	6.53	6.52	6.53	6.53
Y 136.0	6.50	6.53	6.52	6.54	6.49	6.51	6.53	6.54	6.52	6.51	6.52	6.54
Y 138.0	6.51	6.51	6.55	6.53	6.49	6.50	6.53	6.53	6.52	6.50	6.53	6.54
Y 140.0	6.53	6.51	6.53	6.54	6.52	6.49	6.52	6.54	6.53	6.50	6.51	6.55
Y 142.0	6.53	6.54	6.54	6.56	6.52	6.50	6.53	6.54	6.54	6.52	6.51	6.55
Y 144.0	6.55	6.49	6.55	6.56	6.51	6.52	6.51	6.52	6.52	6.51	6.51	6.55
Y 146.0	6.53	6.53	6.54	6.53	6.51	6.53	6.53	6.51	6.52	6.51	6.51	6.53
Y 148.0	6.49	6.51	6.54	6.52	6.53	6.54	6.50	6.54	6.53	6.52	6.52	6.54
Y 150.0	6.48	6.52	6.55	6.52	6.52	6.52	6.54	6.55	6.51	6.52	6.53	6.53
Y 152.0	6.51	6.52	6.53	6.54	6.49	6.52	6.54	6.53	6.51	6.50	6.51	6.51
Y 154.0	6.50	6.53	6.55	6.54	6.52	6.51	6.50	6.55	6.52	6.50	6.53	6.51
Y 156.0	6.51	6.53	6.55	6.52	6.53	6.48	6.50	6.52	6.55	6.51	6.52	6.51
Y 158.0	6.50	6.53	6.54	6.52	6.52	6.48	6.51	6.51	6.55	6.50	6.51	6.50
Y 160.0	6.53	6.51	6.55	6.52	6.51	6.52	6.50	6.51	6.54	6.50	6.50	6.51
Y 162.0	6.50	6.53	6.54	6.53	6.51	6.54	6.52	6.50	6.52	6.49	6.50	6.51
Y 164.0	6.49	6.53	6.55	6.54	6.51	6.53	6.53	6.52	6.53	6.49	6.49	6.52
Y 166.0	6.49	6.52	6.54	6.52	6.51	6.49	6.52	6.51	6.50	6.49	6.52	6.53
Y 168.0	6.52	6.52	6.50	6.53	6.51	6.51	6.52	6.47	6.55	6.50	6.54	6.53
Y 170.0	6.51	6.49	6.51	6.54	6.50	6.52	6.52	6.50	6.54	6.52	6.54	6.54
Y 172.0	6.49	6.49	6.53	6.54	6.52	6.49	6.53	6.53	6.51	6.52	6.53	6.55
Y 174.0	6.53	6.51	6.49	6.55	6.53	6.49	6.53	6.51	6.52	6.47	6.50	6.54
Y 176.0	6.52	6.49	6.49	6.56	6.52	6.53	6.50	6.53	6.52	6.47	6.51	6.53
Y 178.0	6.55	6.52	6.53	6.54	6.54	6.51	6.48	6.53	6.50	6.50	6.52	6.51
Y 180.0	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53