

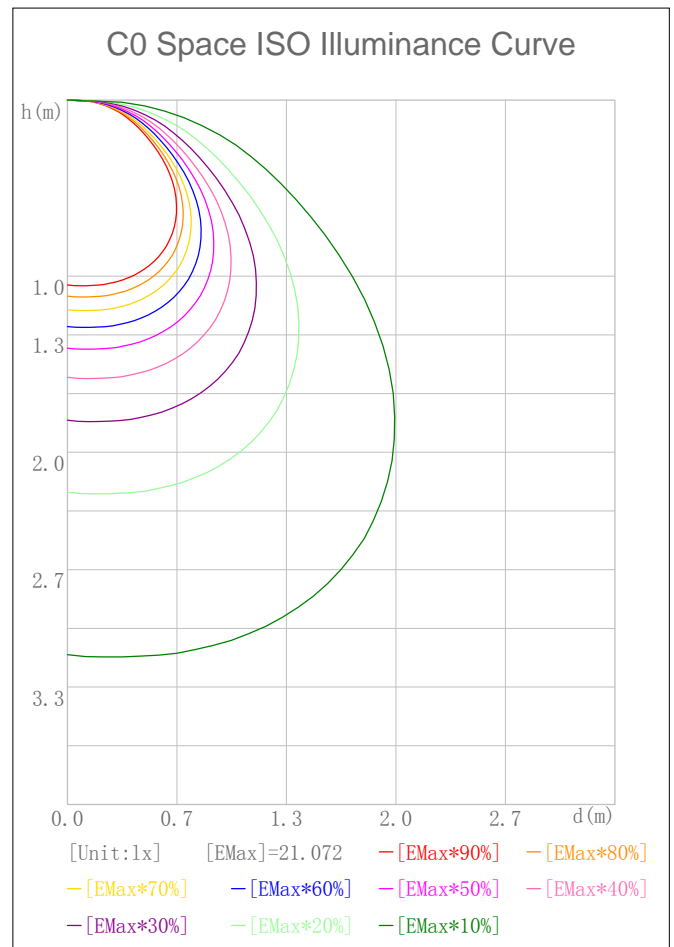
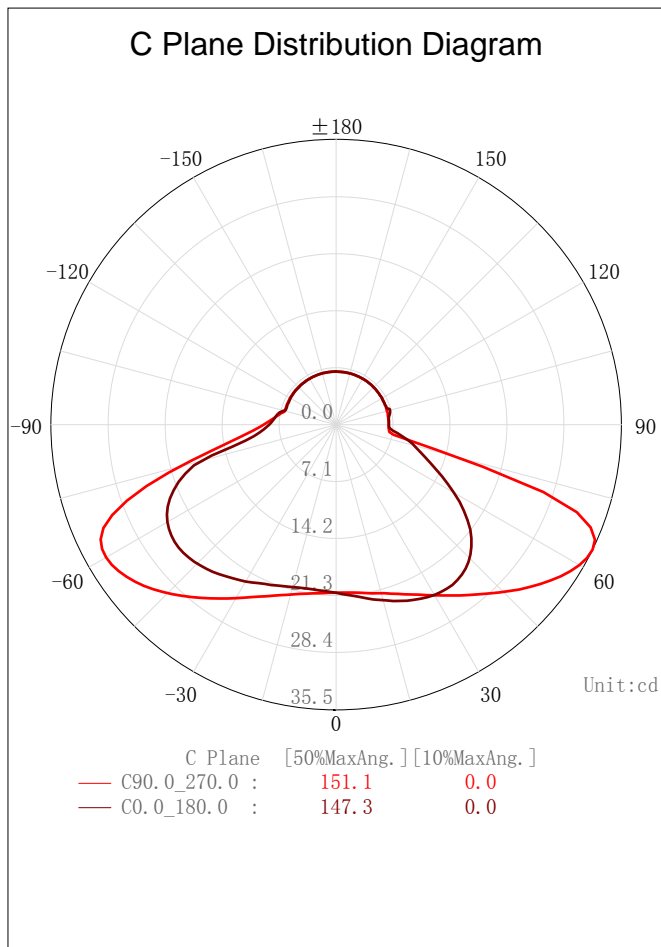
Indoor Luminaire Photometric Data

Description Information

Luminaire Name:		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:ZE02CA1	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(%): 50.0

Character Parameter

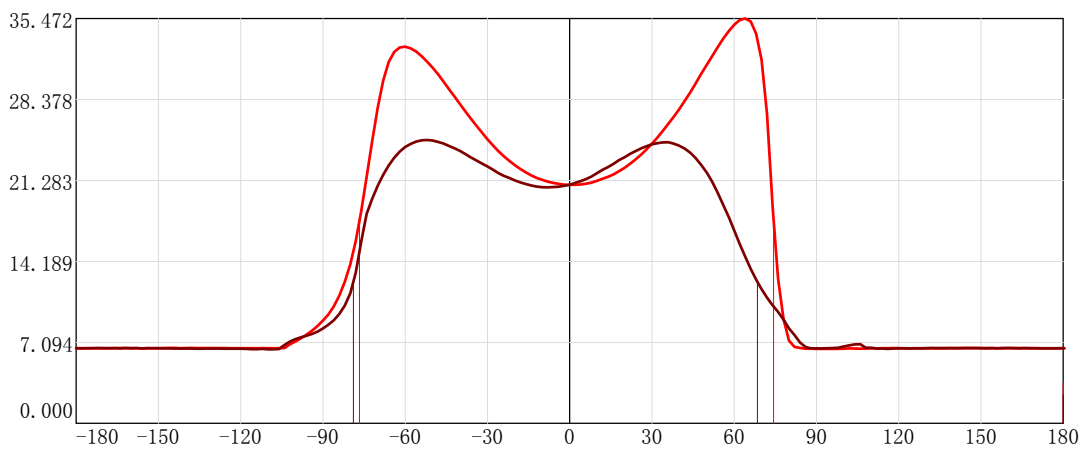
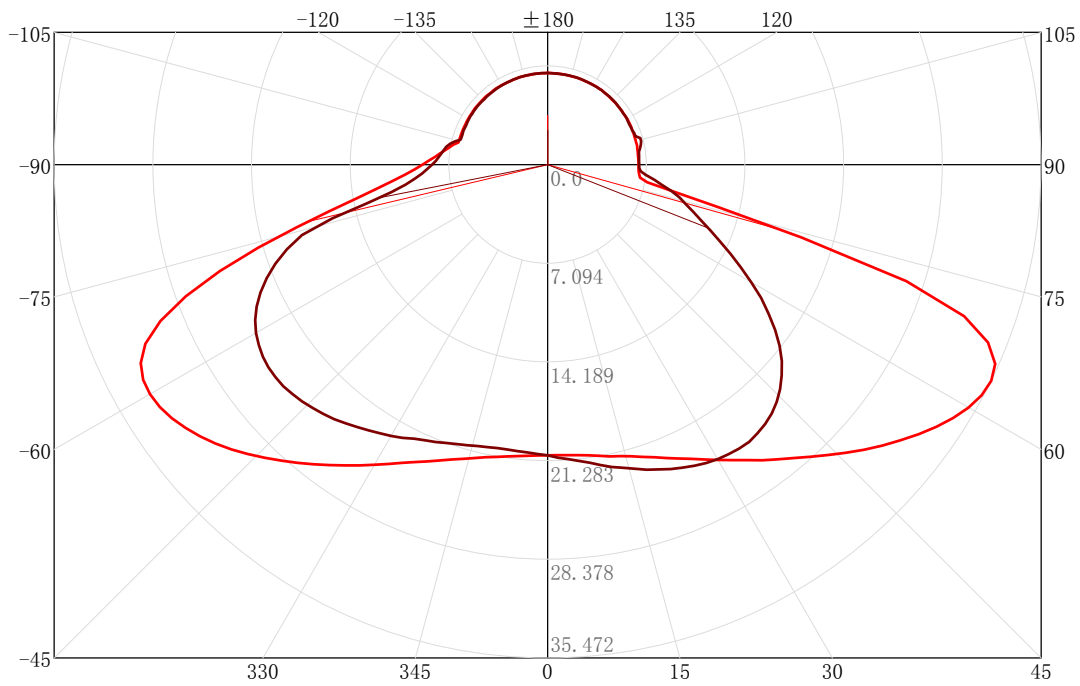
Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1000.000	Luminaire Flux(lm): 172.068	Field Angle(10%Imax): 360.0(°)	
Rated Power(W):	Luminaire Efficiency: 17.21%	Down Lumens&Percent: 129.920lm 75.50%	
Rated Voltage(V):	Luminaire EER(lm/W): 351.877	Up Lumens&Percent: 42.148lm 24.50%	
Tested Power(W): 0.489	Max. Candela(cd): 35.472	S/MH: C0_a180=1.726 C90_270=1.997	
Lamps' Inside: 1	Max Cand@Ang. (°): C=90.0 γ=64.0	CIE Type: General Diffuse	
Tested Electrics (V, A, pf):12.0, 0.040, 1.000	Beam Angle (50%Imax): 151.1(°)	ErP φ use(120°): 78.816lm	
Lamp Size (W*L*H):0.050m*-0.050m*0.000m	Left=-76.7°, Right=74.4°	IRF(%): 66.598	



2D Plane Light Intensity Distribution Curve

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:ZE02CA1	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/23

C Plane Distribution Diagram

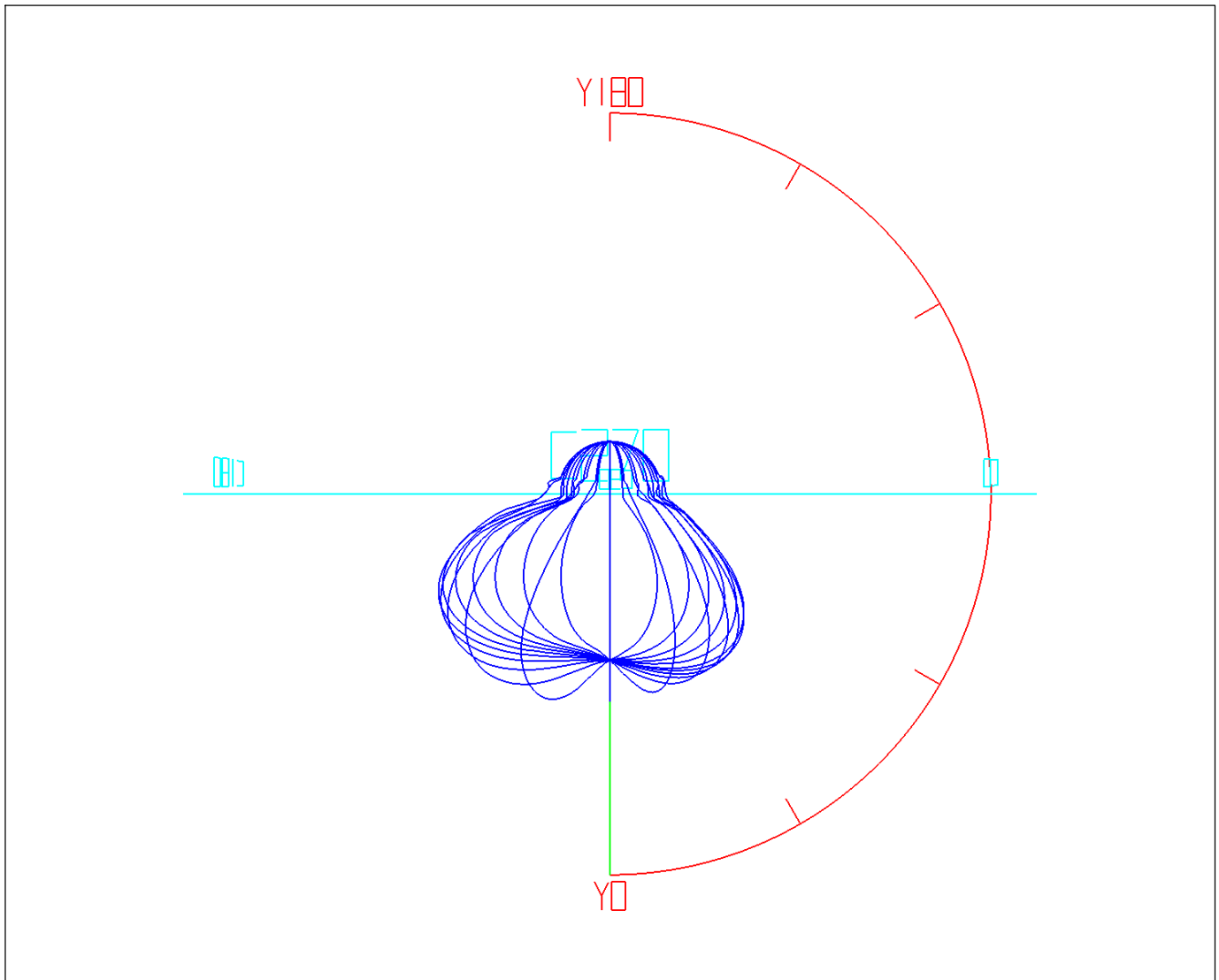


C Plane [50%MaxAng.] [10%MaxAng.] Unit:cd
 — C90.0_270.0 : 151.1 0.0
 — C0.0_180.0 : 147.3 0.0

3D Light Intensity Distribution Modal

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:ZE02CA1	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/23

3D Light Intensity Distribution Modal



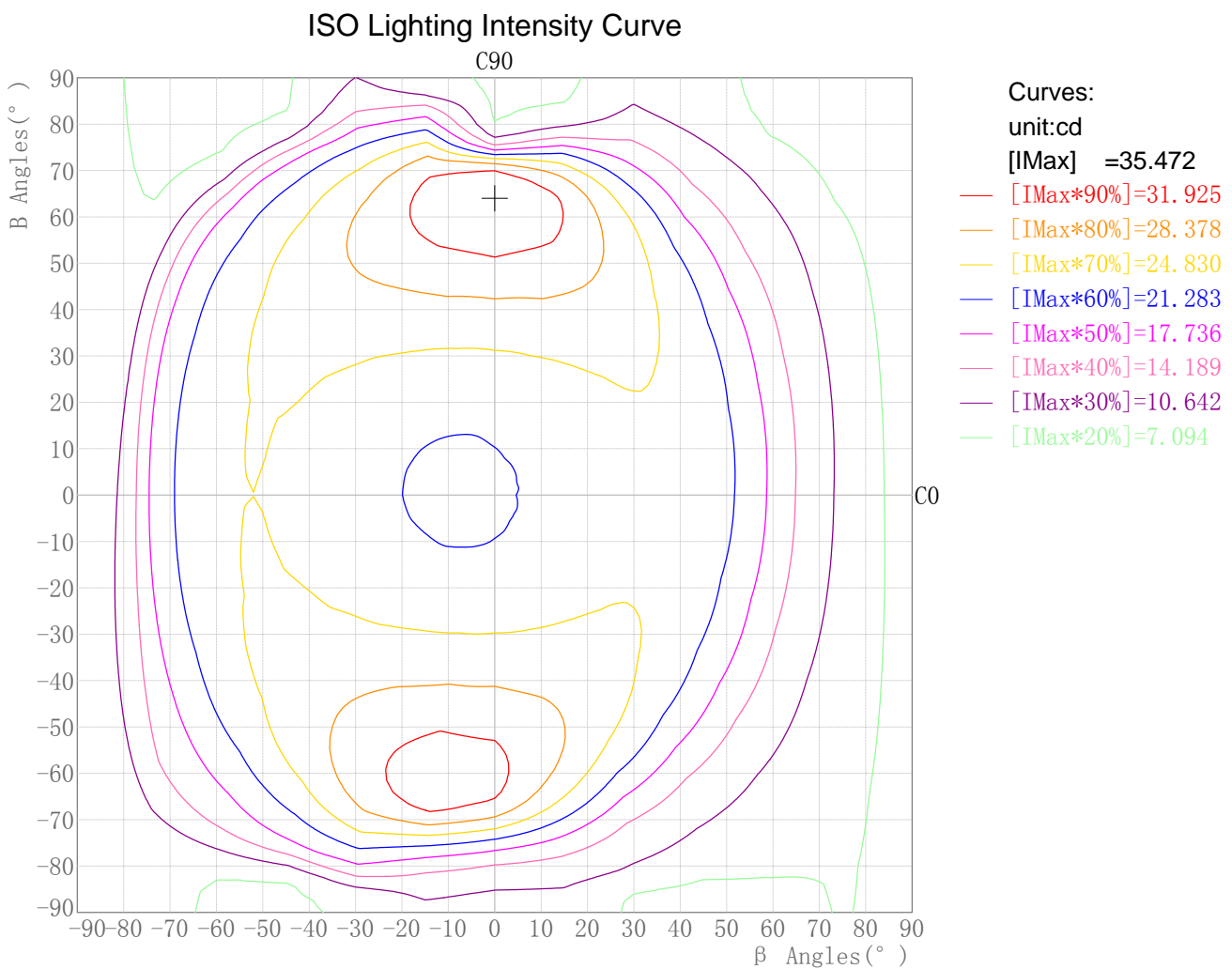
Curves: 3D Model ——— Fixture ——— Vert. HUD ——— Hori. HUD ———
View Angles: Orient:0 Tilt:0 Roll:0 Spin:0

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	0.08	0.08	0.01	0.01	94.0-96.0	1.56	134.69	0.16	13.47
2.0-4.0	0.24	0.32	0.02	0.03	96.0-98.0	1.54	136.23	0.15	13.62
4.0-6.0	0.40	0.72	0.04	0.07	98.0-100.0	1.52	137.75	0.15	13.77
6.0-8.0	0.56	1.29	0.06	0.13	100.0-102.0	1.49	139.24	0.15	13.92
8.0-10.0	0.73	2.01	0.07	0.20	102.0-104.0	1.45	140.69	0.15	14.07
10.0-12.0	0.89	2.91	0.09	0.29	104.0-106.0	1.42	142.11	0.14	14.21
12.0-14.0	1.06	3.97	0.11	0.40	106.0-108.0	1.39	143.50	0.14	14.35
14.0-16.0	1.23	5.20	0.12	0.52	108.0-110.0	1.36	144.86	0.14	14.49
16.0-18.0	1.41	6.61	0.14	0.66	110.0-112.0	1.34	146.20	0.13	14.62
18.0-20.0	1.59	8.20	0.16	0.82	112.0-114.0	1.32	147.53	0.13	14.75
20.0-22.0	1.77	9.97	0.18	1.00	114.0-116.0	1.30	148.83	0.13	14.88
22.0-24.0	1.95	11.92	0.20	1.19	116.0-118.0	1.28	150.12	0.13	15.01
24.0-26.0	2.14	14.06	0.21	1.41	118.0-120.0	1.26	151.38	0.13	15.14
26.0-28.0	2.33	16.40	0.23	1.64	120.0-122.0	1.24	152.61	0.12	15.26
28.0-30.0	2.53	18.92	0.25	1.89	122.0-124.0	1.21	153.82	0.12	15.38
30.0-32.0	2.73	21.65	0.27	2.17	124.0-126.0	1.18	155.00	0.12	15.50
32.0-34.0	2.92	24.57	0.29	2.46	126.0-128.0	1.15	156.16	0.12	15.62
34.0-36.0	3.12	27.70	0.31	2.77	128.0-130.0	1.12	157.28	0.11	15.73
36.0-38.0	3.32	31.02	0.33	3.10	130.0-132.0	1.09	158.37	0.11	15.84
38.0-40.0	3.52	34.53	0.35	3.45	132.0-134.0	1.06	159.42	0.11	15.94
40.0-42.0	3.71	38.24	0.37	3.82	134.0-136.0	1.02	160.45	0.10	16.04
42.0-44.0	3.89	42.13	0.39	4.21	136.0-138.0	0.99	161.43	0.10	16.14
44.0-46.0	4.07	46.21	0.41	4.62	138.0-140.0	0.95	162.38	0.09	16.24
46.0-48.0	4.24	50.44	0.42	5.04	140.0-142.0	0.91	163.29	0.09	16.33
48.0-50.0	4.39	54.84	0.44	5.48	142.0-144.0	0.87	164.16	0.09	16.42
50.0-52.0	4.53	59.37	0.45	5.94	144.0-146.0	0.83	164.99	0.08	16.50
52.0-54.0	4.65	64.03	0.47	6.40	146.0-148.0	0.79	165.78	0.08	16.58
54.0-56.0	4.75	68.78	0.48	6.88	148.0-150.0	0.74	166.52	0.07	16.65
56.0-58.0	4.82	73.60	0.48	7.36	150.0-152.0	0.70	167.22	0.07	16.72
58.0-60.0	4.87	78.46	0.49	7.85	152.0-154.0	0.66	167.88	0.07	16.79
60.0-62.0	4.88	83.34	0.49	8.33	154.0-156.0	0.61	168.49	0.06	16.85
62.0-64.0	4.85	88.19	0.49	8.82	156.0-158.0	0.56	169.05	0.06	16.91
64.0-66.0	4.78	92.97	0.48	9.30	158.0-160.0	0.52	169.57	0.05	16.96
66.0-68.0	4.67	97.64	0.47	9.76	160.0-162.0	0.47	170.04	0.05	17.00
68.0-70.0	4.49	102.13	0.45	10.21	162.0-164.0	0.42	170.46	0.04	17.05
70.0-72.0	4.25	106.38	0.43	10.64	164.0-166.0	0.37	170.84	0.04	17.08
72.0-74.0	3.95	110.33	0.40	11.03	166.0-168.0	0.33	171.16	0.03	17.12
74.0-76.0	3.59	113.93	0.36	11.39	168.0-170.0	0.28	171.44	0.03	17.14
76.0-78.0	3.21	117.13	0.32	11.71	170.0-172.0	0.23	171.66	0.02	17.17
78.0-80.0	2.83	119.96	0.28	12.00	172.0-174.0	0.18	171.84	0.02	17.18
80.0-82.0	2.48	122.44	0.25	12.24	174.0-176.0	0.13	171.97	0.01	17.20
82.0-84.0	2.16	124.60	0.22	12.46	176.0-178.0	0.08	172.04	0.01	17.20
84.0-86.0	1.91	126.50	0.19	12.65	178.0-180.0	0.03	172.07	0.00	17.21
86.0-88.0	1.75	128.25	0.17	12.83					
88.0-90.0	1.67	129.92	0.17	12.99					
90.0-92.0	1.62	131.54	0.16	13.15					
92.0-94.0	1.59	133.13	0.16	13.31					

Rectangle ISO Lighting Intensity Diagram

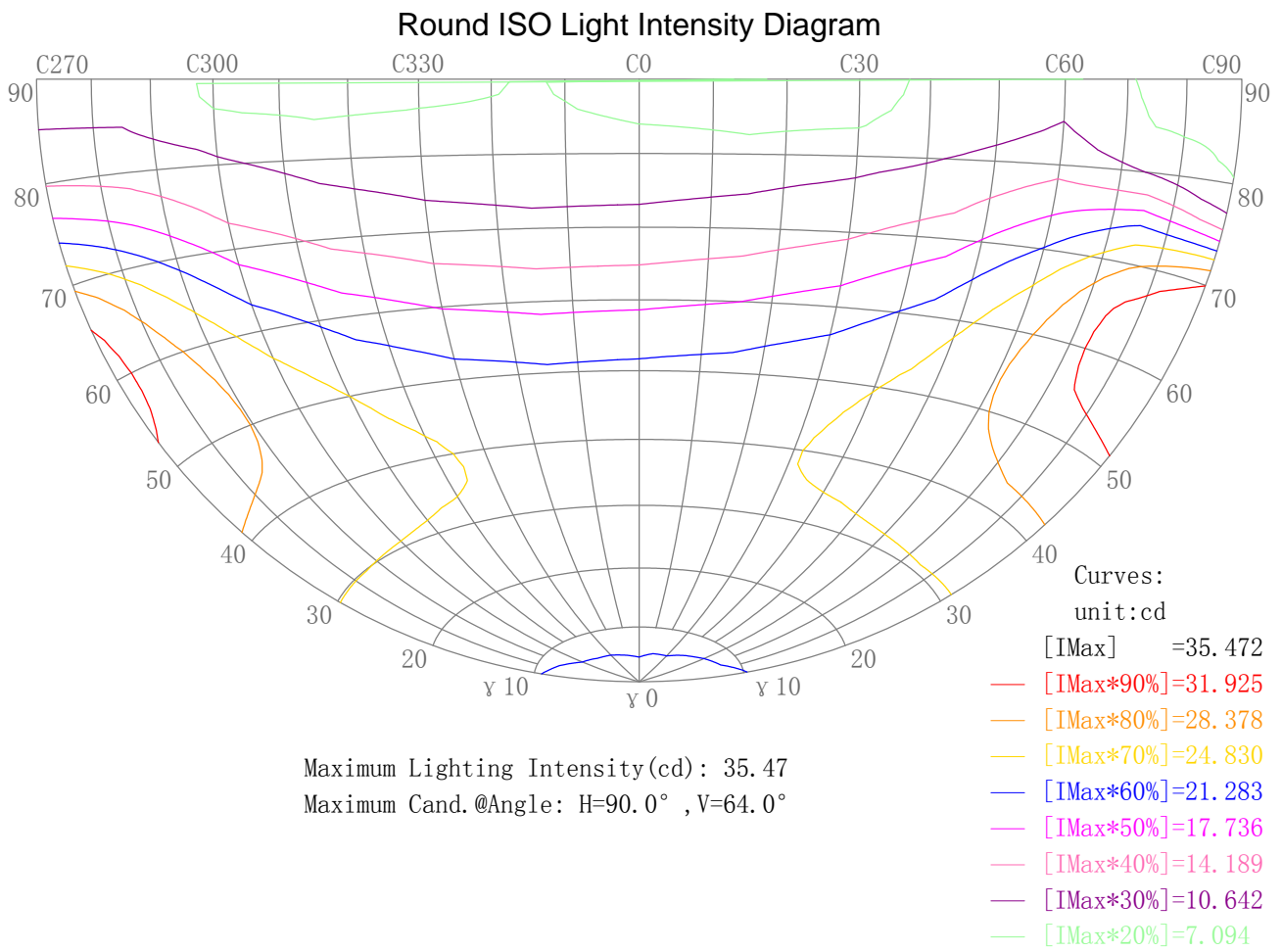
Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:ZE02CA1	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/23



Maximum Light Intensity(cd): 35.47
 Maximum Cand.@Angle: H=0.0°,V=64.0°

Round ISO Lighting Intensity Diagram

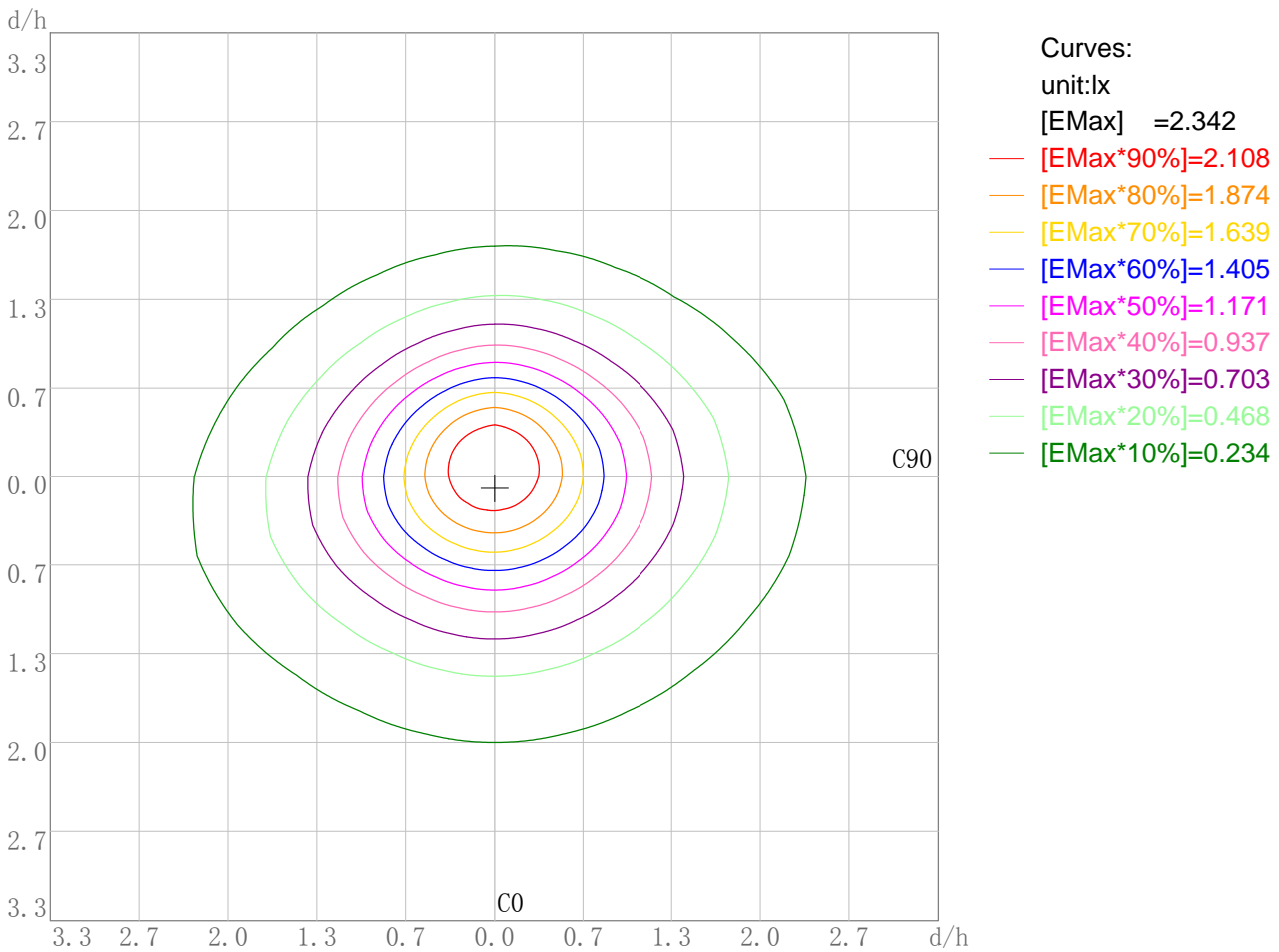
Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:ZE02CA1	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/23



Plane ISO-Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:ZE02CA1	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/23

Plane ISO-Illuminance Curve

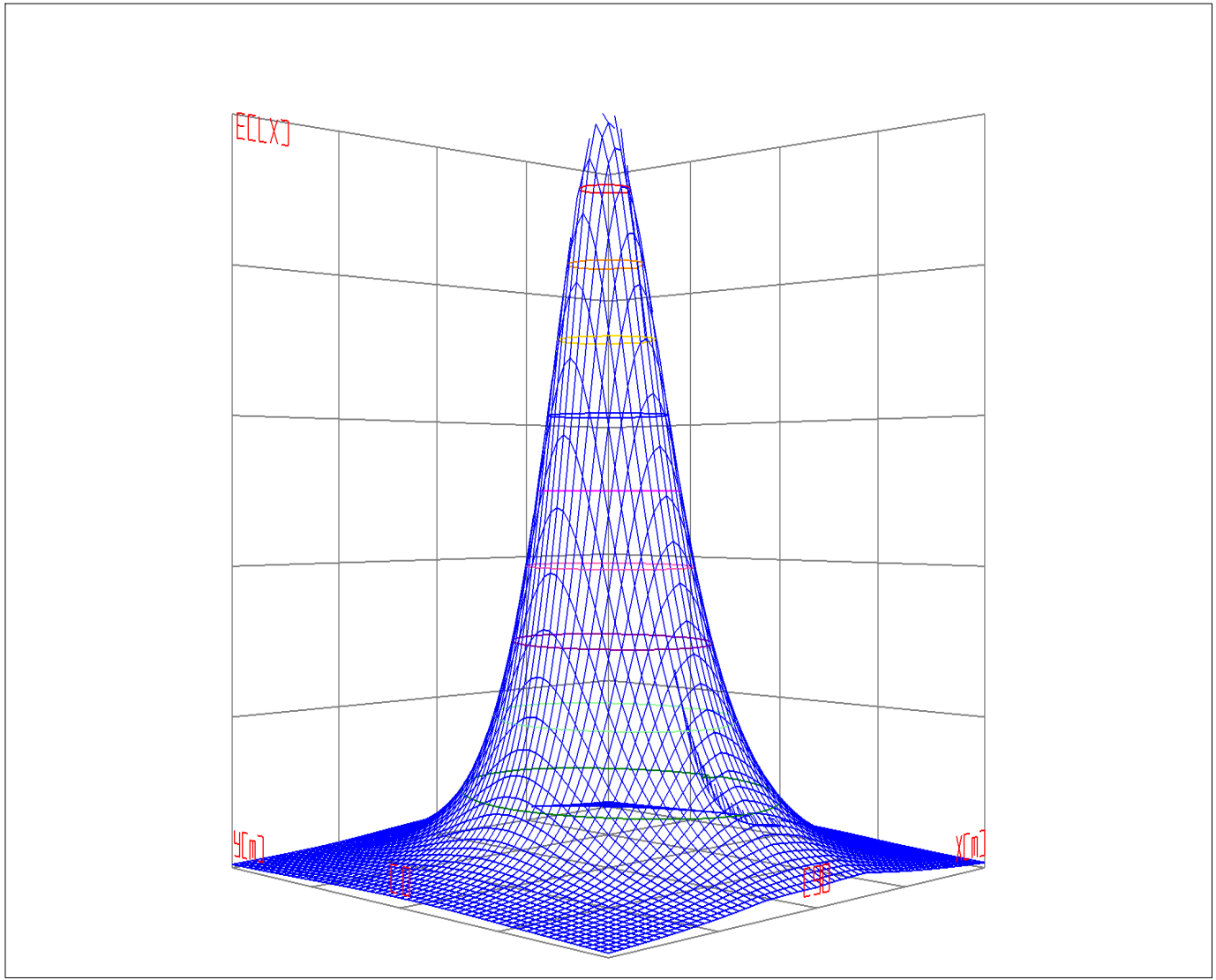


Working Plane Luminaire Mounting Height(m): 3.00
 Working Plane Maximum Illuminance(lx): 2.34
 Working Plane Maximum Illuminance Position(d/h):H0.0 V0.1

3D Plane ISO Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:ZE02CA1	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/23

3D Plane Illuminance Modal

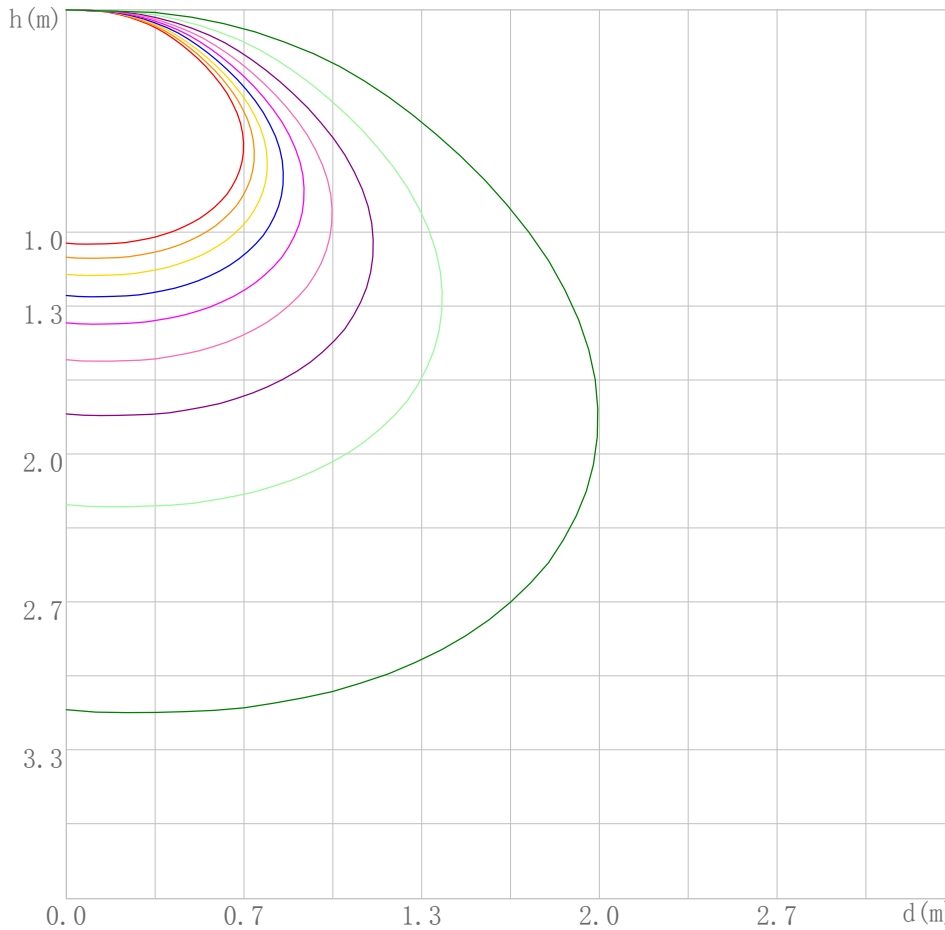


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
 View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:ZE02CA1	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/23

Space ISO Illuminance Curve



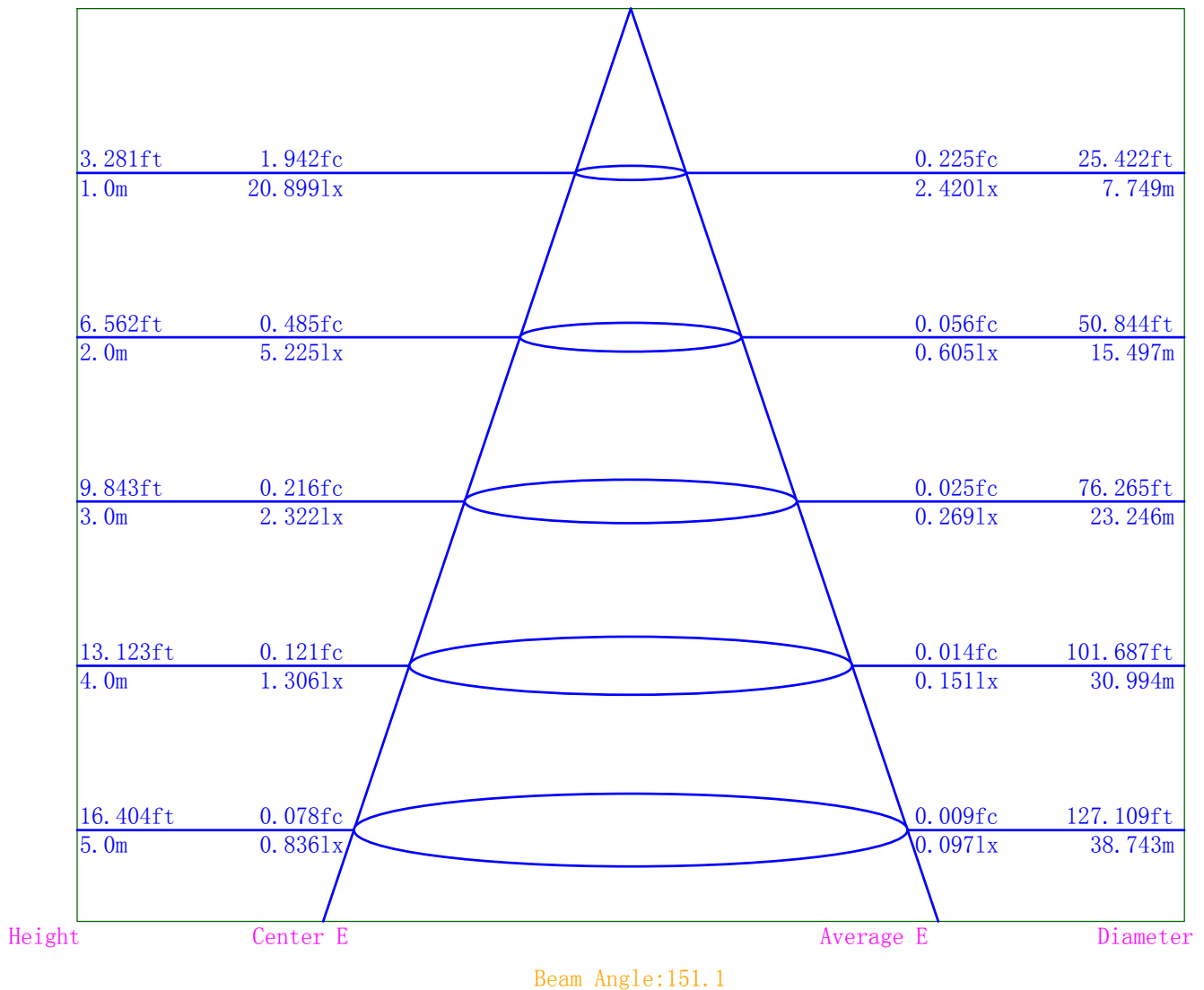
- Curves:
 [Unit: lx]
 [EMax] =21.072
- [EMax*90%]=18.965
 - [EMax*80%]=16.858
 - [EMax*70%]=14.751
 - [EMax*60%]=12.643
 - [EMax*50%]=10.536
 - [EMax*40%]=8.429
 - [EMax*30%]=6.322
 - [EMax*20%]=4.214
 - [EMax*10%]=2.107

Space Plane Maximum Illuminance and @Angle:21.07lx,4.0deg
 Plane Maximum Lighting Intensity and @Angle:24.636cd,0deg

Illuminance-Distance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:ZE02CA1	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:ZE02CA1	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/23

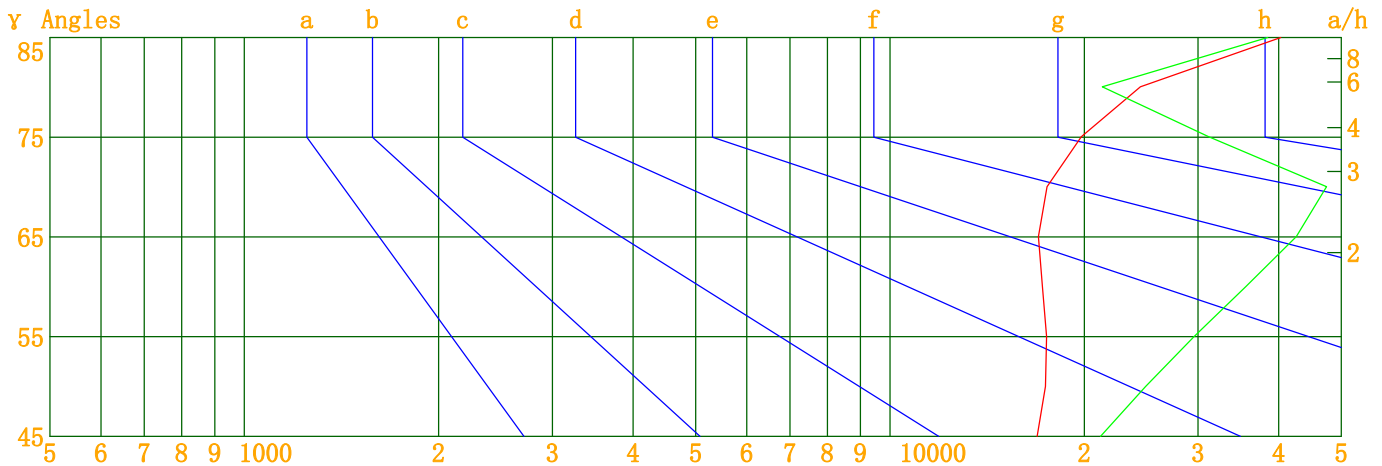
Glare Grade Table

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	16903	17407	17478	17219	16981	17512	19790	24428	40294
C90	21183	24890	29596	35574	42592	47441	31166	21319	38462

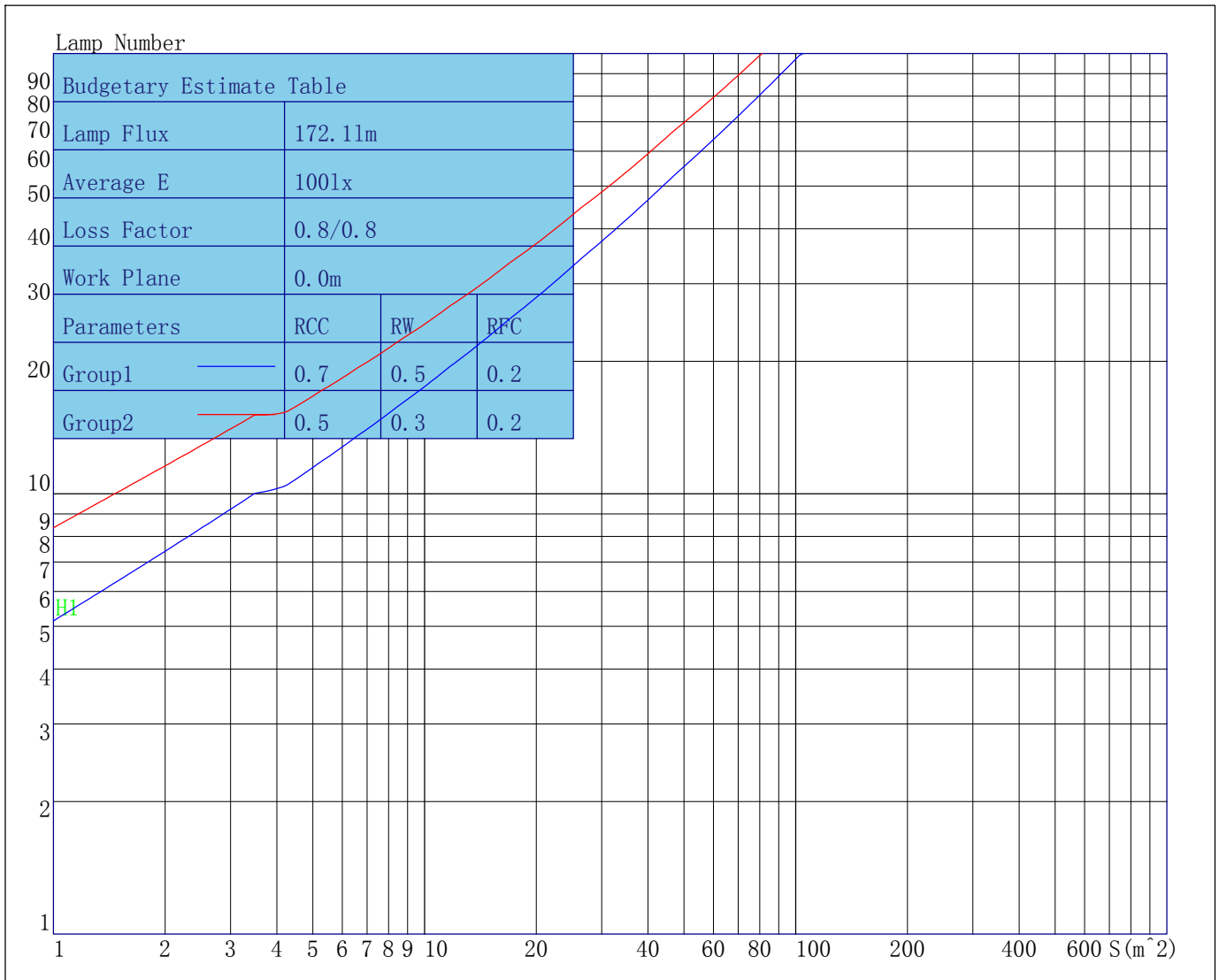
Luminance Limiting Curve



Luminous Size: Length(m)=-0.050 Width(m)=-0.050 Height(m)=0.000 Area(m²)=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:ZE02CA1	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:ZE02CA1	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	19	19	19	19	19	19	19	19	17	17	17	15	15	15	14	14	14	13
1	17	16	15	14	16	15	15	14	14	13	13	12	12	11	11	11	10	10
2	15	14	12	11	14	13	12	11	12	11	10	10	10	9	9	9	8	7
3	14	12	10	9	13	11	10	8	10	9	8	9	8	7	8	7	7	6
4	12	10	8	7	12	10	8	7	9	7	6	8	7	6	7	6	5	5
5	11	9	7	6	11	8	7	6	8	6	5	7	6	5	6	5	4	4
6	10	8	6	5	10	8	6	5	7	5	5	6	5	4	5	5	4	3
7	10	7	5	4	9	7	5	4	6	5	4	5	4	4	5	4	3	3
8	9	6	5	4	8	6	5	4	6	4	3	5	4	3	4	4	3	2
9	8	6	4	3	8	6	4	3	5	4	3	5	3	3	4	3	3	2
10	8	5	4	3	7	5	4	3	5	3	3	4	3	2	4	3	2	2

Unified Glare Rating Table

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:ZE02CA1	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	28.9	27.9	30.0	28.6	29.6	32.4	31.3	33.5	32.1	33.0
Y=3H	31.7	29.6	33.1	30.4	31.4	36.6	34.5	38.0	35.3	36.3
Y=4H	33.4	30.5	35.2	31.4	32.4	38.4	35.6	40.2	36.4	37.4
Y=6H	35.2	31.5	37.6	32.4	33.4	39.7	36.0	42.1	36.9	37.9
Y=8H	36.3	32.0	39.3	32.9	34.0	40.4	36.1	43.4	37.0	38.0
Y=12H	37.5	32.6	40.7	33.5	34.5	41.1	36.3	44.4	37.1	38.1
X=4H Y=2H	31.8	29.0	33.6	29.8	30.8	34.7	31.9	36.5	32.7	33.8
Y=3H	36.7	30.9	43.1	31.8	32.9	41.1	35.2	47.4	36.2	37.2
Y=4H	46.3	31.9	27.4	32.9	34.1	50.9	36.5	32.0	37.5	38.7
Y=6H	28.7	33.1	28.7	34.0	35.4	33.0	37.4	33.0	38.4	39.7
Y=8H	29.4	33.6	29.4	34.6	35.9	33.4	37.7	33.4	38.6	39.9
Y=12H	30.2	34.2	30.2	35.3	36.5	33.8	37.8	33.8	38.9	40.1
X=8H Y=4H	28.3	32.6	28.3	33.6	34.8	32.5	36.8	32.5	37.7	39.0
Y=6H	29.8	34.0	29.8	35.2	35.2	33.8	38.0	33.8	39.2	39.1
Y=8H	30.6	34.9	30.6	36.2	37.8	34.4	38.7	34.4	40.0	41.5
Y=12H	31.6	35.9	31.6	37.1	39.1	35.0	39.3	35.0	40.5	42.5
X=12H Y=4H	28.6	32.6	28.6	33.7	34.9	32.5	36.6	32.5	37.6	38.9
Y=6H	30.2	34.2	30.2	35.4	36.9	33.9	38.0	33.9	39.1	40.6
Y=8H	31.1	35.4	31.1	36.5	38.6	34.6	38.9	34.6	40.1	42.1
Variations with the objerver position at spacings										
S=1.0H	0.1/-0.1					0.3/-0.4				
S=1.5H	0.3/-0.3					0.7/-0.7				
S=2.0H	0.3/-0.3					0.4/-1.0				
Reduced UGR Table:										
Nordic Standard Table:	BKO					BKO				
Correction Value	4.8					4.7				

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	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90
Y 2.0	21.08	21.00	21.02	20.99	20.98	20.94	20.90	20.87	20.84	20.83	20.76	20.78
Y 4.0	21.23	21.15	21.15	21.11	21.07	21.01	20.94	20.88	20.83	20.78	20.70	20.71
Y 6.0	21.41	21.34	21.33	21.24	21.17	21.12	21.00	20.92	20.85	20.76	20.68	20.67
Y 8.0	21.64	21.55	21.54	21.43	21.33	21.27	21.10	21.00	20.88	20.77	20.70	20.65
Y 10.0	21.92	21.79	21.76	21.64	21.52	21.42	21.25	21.08	20.96	20.82	20.74	20.68
Y 12.0	22.22	22.04	21.99	21.86	21.72	21.60	21.44	21.21	21.05	20.91	20.82	20.74
Y 14.0	22.46	22.29	22.21	22.07	21.92	21.81	21.60	21.36	21.18	21.03	20.93	20.83
Y 16.0	22.74	22.55	22.47	22.33	22.17	22.03	21.81	21.58	21.39	21.19	21.06	20.96
Y 18.0	23.06	22.81	22.73	22.61	22.44	22.28	22.09	21.82	21.62	21.39	21.21	21.13
Y 20.0	23.32	23.10	22.99	22.88	22.73	22.58	22.39	22.13	21.85	21.61	21.42	21.31
Y 22.0	23.61	23.39	23.27	23.16	23.03	22.92	22.75	22.47	22.16	21.86	21.64	21.53
Y 24.0	23.85	23.67	23.57	23.44	23.36	23.30	23.12	22.84	22.48	22.15	21.89	21.75
Y 26.0	24.08	23.90	23.83	23.73	23.70	23.69	23.53	23.24	22.84	22.45	22.16	21.98
Y 28.0	24.29	24.11	24.05	24.01	24.07	24.12	24.00	23.68	23.22	22.78	22.44	22.26
Y 30.0	24.45	24.30	24.27	24.31	24.44	24.59	24.51	24.18	23.66	23.13	22.74	22.53
Y 32.0	24.55	24.42	24.46	24.58	24.85	25.10	25.04	24.70	24.14	23.50	23.05	22.80
Y 34.0	24.61	24.52	24.60	24.83	25.25	25.64	25.62	25.25	24.61	23.88	23.38	23.09
Y 36.0	24.64	24.55	24.70	25.08	25.65	26.19	26.26	25.84	25.12	24.30	23.72	23.37
Y 38.0	24.50	24.52	24.76	25.30	26.06	26.75	26.88	26.44	25.62	24.68	24.02	23.65
Y 40.0	24.33	24.40	24.75	25.47	26.45	27.32	27.54	27.05	26.10	25.09	24.32	23.92
Y 42.0	24.07	24.20	24.65	25.61	26.85	27.95	28.26	27.74	26.62	25.46	24.60	24.17
Y 44.0	23.71	23.91	24.48	25.66	27.24	28.59	29.01	28.43	27.13	25.85	24.90	24.38
Y 46.0	23.23	23.49	24.23	25.66	27.57	29.21	29.81	29.13	27.64	26.21	25.16	24.61
Y 48.0	22.64	22.98	23.88	25.55	27.84	29.86	30.63	29.84	28.11	26.55	25.37	24.77
Y 50.0	21.97	22.37	23.45	25.36	28.03	30.48	31.41	30.51	28.60	26.82	25.54	24.89
Y 52.0	21.16	21.65	22.91	25.06	28.14	31.07	32.19	31.16	29.00	27.06	25.63	24.93
Y 54.0	20.21	20.82	22.22	24.59	28.15	31.61	32.96	31.74	29.37	27.23	25.65	24.90
Y 56.0	19.16	19.87	21.38	24.01	28.05	32.05	33.70	32.28	29.63	27.25	25.59	24.80
Y 58.0	18.09	18.80	20.45	23.27	27.76	32.41	34.37	32.80	29.78	27.22	25.43	24.62
Y 60.0	16.91	17.70	19.40	22.42	27.31	32.63	34.92	33.16	29.79	27.02	25.17	24.31
Y 62.0	15.73	16.56	18.24	21.40	26.66	32.63	35.33	33.37	29.64	26.67	24.79	23.93
Y 64.0	14.63	15.41	17.08	20.21	25.78	32.33	35.47	33.37	29.32	26.20	24.27	23.43
Y 66.0	13.55	14.32	15.91	18.92	24.62	31.54	35.21	33.08	28.79	25.53	23.59	22.74
Y 68.0	12.60	13.31	14.75	17.56	23.18	30.04	34.14	32.53	27.98	24.70	22.75	21.92
Y 70.0	11.76	12.40	13.70	16.21	21.48	27.82	31.86	31.55	26.95	23.65	21.74	20.97
Y 72.0	11.02	11.61	12.76	14.94	19.63	25.03	27.11	30.07	25.64	22.46	20.59	19.87
Y 74.0	10.34	10.87	11.90	13.78	17.76	21.82	18.99	28.08	24.11	21.09	19.09	18.21
Y 76.0	9.77	10.17	11.12	12.75	15.99	17.49	12.69	25.63	22.39	19.36	16.23	15.56
Y 78.0	9.11	9.11	10.30	11.83	14.43	13.38	9.15	22.91	20.45	16.39	11.84	12.25
Y 80.0	8.33	8.07	9.07	10.96	13.10	10.46	7.27	20.14	18.43	11.79	8.50	9.05
Y 82.0	7.74	7.22	7.73	9.93	12.00	8.47	6.70	17.62	16.02	8.70	7.02	7.30
Y 84.0	7.09	6.80	6.97	8.88	11.07	7.35	6.61	14.74	13.88	7.35	6.61	6.70
Y 86.0	6.70	6.58	6.60	8.23	10.27	6.78	6.55	11.05	12.52	6.86	6.51	6.52
Y 88.0	6.58	6.54	6.55	7.88	9.52	6.57	6.54	9.10	11.53	6.75	6.49	6.47
Y 90.0	6.58	6.53	6.53	7.73	8.82	6.53	6.54	8.31	10.68	6.70	6.48	6.49
Y 92.0	6.58	6.52	6.53	7.60	8.25	6.51	6.53	7.61	9.96	6.68	6.49	6.50

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	6.59	6.54	6.53	7.49	7.81	6.52	6.53	7.23	9.45	6.65	6.49	6.49
Y 96.0	6.60	6.53	6.53	7.42	7.51	6.53	6.53	7.19	9.09	6.68	6.49	6.49
Y 98.0	6.63	6.54	6.55	7.36	7.29	6.54	6.54	7.09	8.89	6.74	6.49	6.49
Y 100.0	6.74	6.54	6.55	7.28	7.12	6.54	6.55	6.93	8.62	6.86	6.49	6.49

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Y 110.0	6.63	6.57	6.57	6.57	6.58	6.58	6.57	6.58	6.53	6.52	6.50	6.50
Y 112.0	6.56	6.55	6.57	6.56	6.58	6.59	6.57	6.60	6.56	6.52	6.49	6.50
Y 114.0	6.56	6.56	6.59	6.57	6.58	6.58	6.58	6.60	6.56	6.52	6.50	6.51
Y 116.0	6.54	6.57	6.60	6.58	6.58	6.59	6.59	6.60	6.57	6.54	6.52	6.51
Y 118.0	6.55	6.57	6.57	6.57	6.59	6.59	6.60	6.60	6.58	6.54	6.52	6.52
Y 120.0	6.58	6.58	6.59	6.57	6.60	6.59	6.60	6.61	6.57	6.55	6.53	6.52
Y 122.0	6.59	6.58	6.59	6.58	6.60	6.59	6.58	6.58	6.56	6.57	6.53	6.52
Y 124.0	6.57	6.59	6.59	6.59	6.61	6.59	6.57	6.60	6.58	6.57	6.54	6.53
Y 126.0	6.58	6.57	6.60	6.59	6.61	6.61	6.58	6.59	6.57	6.57	6.55	6.53
Y 128.0	6.58	6.58	6.59	6.59	6.61	6.60	6.59	6.59	6.58	6.57	6.55	6.54
Y 130.0	6.58	6.57	6.58	6.60	6.61	6.59	6.59	6.61	6.58	6.56	6.56	6.55
Y 132.0	6.60	6.59	6.60	6.59	6.61	6.59	6.60	6.60	6.59	6.57	6.56	6.55
Y 134.0	6.61	6.58	6.60	6.58	6.60	6.59	6.57	6.60	6.58	6.58	6.55	6.55
Y 136.0	6.61	6.59	6.59	6.60	6.60	6.59	6.58	6.60	6.60	6.57	6.55	6.57
Y 138.0	6.61	6.59	6.59	6.60	6.61	6.60	6.59	6.59	6.57	6.57	6.55	6.57
Y 140.0	6.60	6.57	6.59	6.60	6.61	6.61	6.59	6.61	6.59	6.59	6.56	6.56
Y 142.0	6.59	6.59	6.60	6.61	6.62	6.61	6.60	6.59	6.61	6.58	6.57	6.56
Y 144.0	6.61	6.58	6.61	6.60	6.62	6.61	6.61	6.61	6.59	6.58	6.56	6.57
Y 146.0	6.60	6.58	6.59	6.59	6.60	6.61	6.61	6.60	6.59	6.57	6.56	6.57
Y 148.0	6.61	6.58	6.60	6.59	6.59	6.61	6.60	6.61	6.59	6.57	6.56	6.56
Y 150.0	6.59	6.59	6.59	6.59	6.60	6.61	6.60	6.61	6.61	6.58	6.57	6.56
Y 152.0	6.59	6.61	6.59	6.57	6.58	6.60	6.60	6.60	6.59	6.59	6.57	6.57
Y 154.0	6.60	6.59	6.60	6.58	6.58	6.60	6.59	6.61	6.59	6.58	6.58	6.57
Y 156.0	6.59	6.61	6.59	6.59	6.59	6.60	6.58	6.60	6.61	6.58	6.57	6.56
Y 158.0	6.60	6.59	6.60	6.59	6.59	6.60	6.59	6.60	6.59	6.58	6.58	6.56
Y 160.0	6.60	6.59	6.60	6.58	6.59	6.60	6.60	6.59	6.59	6.58	6.57	6.57
Y 162.0	6.61	6.58	6.59	6.60	6.59	6.60	6.59	6.59	6.57	6.60	6.58	6.57
Y 164.0	6.59	6.61	6.61	6.59	6.58	6.60	6.58	6.62	6.60	6.60	6.59	6.56
Y 166.0	6.60	6.59	6.60	6.59	6.58	6.58	6.59	6.61	6.59	6.59	6.60	6.56
Y 168.0	6.59	6.59	6.61	6.58	6.58	6.59	6.58	6.61	6.59	6.58	6.59	6.57
Y 170.0	6.59	6.59	6.59	6.59	6.59	6.60	6.59	6.61	6.58	6.59	6.58	6.58
Y 172.0	6.57	6.61	6.61	6.59	6.60	6.60	6.59	6.59	6.58	6.58	6.58	6.58
Y 174.0	6.59	6.61	6.61	6.58	6.60	6.60	6.58	6.59	6.59	6.58	6.58	6.58
Y 176.0	6.58	6.59	6.61	6.59	6.60	6.61	6.59	6.61	6.58	6.57	6.58	6.58
Y 178.0	6.59	6.58	6.62	6.59	6.59	6.61	6.58	6.61	6.57	6.59	6.58	6.57
Y 180.0	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59
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	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90
Y 2.0	20.82	20.77	20.81	20.82	20.85	20.88	20.92	20.96	21.01	21.02	21.01	21.03

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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	20.73	20.71	20.75	20.79	20.85	20.90	20.98	21.05	21.13	21.16	21.16	21.18
Y 6.0	20.71	20.70	20.75	20.80	20.88	20.95	21.07	21.14	21.25	21.30	21.32	21.36
Y 8.0	20.68	20.70	20.76	20.84	20.94	21.04	21.18	21.28	21.42	21.47	21.50	21.58
Y 10.0	20.69	20.73	20.82	20.92	21.05	21.18	21.34	21.46	21.59	21.67	21.72	21.81
Y 12.0	20.76	20.80	20.91	21.03	21.20	21.36	21.50	21.69	21.84	21.91	21.99	22.08
Y 14.0	20.85	20.89	21.02	21.17	21.39	21.58	21.74	21.92	22.08	22.17	22.25	22.35
Y 16.0	20.98	21.02	21.20	21.34	21.61	21.81	22.00	22.18	22.34	22.46	22.52	22.63
Y 18.0	21.12	21.21	21.40	21.57	21.85	22.07	22.29	22.47	22.63	22.75	22.81	22.90
Y 20.0	21.29	21.38	21.59	21.83	22.14	22.39	22.63	22.77	22.93	23.03	23.09	23.16
Y 22.0	21.50	21.58	21.81	22.10	22.46	22.77	23.00	23.13	23.24	23.33	23.36	23.43
Y 24.0	21.68	21.79	22.05	22.40	22.81	23.17	23.40	23.50	23.59	23.60	23.65	23.69
Y 26.0	21.92	22.04	22.32	22.73	23.21	23.60	23.85	23.94	23.94	23.89	23.92	23.93
Y 28.0	22.24	22.31	22.61	23.08	23.65	24.11	24.37	24.37	24.31	24.19	24.16	24.15
Y 30.0	22.52	22.63	22.93	23.47	24.13	24.66	24.91	24.87	24.68	24.46	24.36	24.33
Y 32.0	22.77	22.88	23.22	23.87	24.63	25.24	25.49	25.35	25.06	24.71	24.54	24.47
Y 34.0	23.03	23.17	23.56	24.27	25.14	25.84	26.08	25.85	25.41	24.93	24.61	24.53
Y 36.0	23.30	23.44	23.88	24.68	25.69	26.46	26.69	26.36	25.73	25.09	24.65	24.52
Y 38.0	23.59	23.71	24.23	25.08	26.25	27.13	27.33	26.87	26.05	25.20	24.62	24.44
Y 40.0	23.88	23.99	24.55	25.53	26.83	27.78	27.97	27.35	26.36	25.26	24.53	24.24
Y 42.0	24.10	24.24	24.83	25.94	27.41	28.47	28.63	27.80	26.57	25.24	24.33	23.98
Y 44.0	24.31	24.48	25.11	26.36	27.97	29.18	29.29	28.23	26.70	25.09	24.03	23.60
Y 46.0	24.52	24.67	25.36	26.74	28.53	29.90	29.95	28.62	26.75	24.87	23.61	23.10
Y 48.0	24.66	24.87	25.57	27.07	29.08	30.62	30.59	28.93	26.67	24.50	23.07	22.50
Y 50.0	24.79	24.98	25.73	27.36	29.61	31.32	31.19	29.18	26.45	24.03	22.43	21.78
Y 52.0	24.83	25.03	25.86	27.61	30.11	31.99	31.71	29.32	26.11	23.41	21.67	20.94
Y 54.0	24.81	25.00	25.88	27.78	30.58	32.62	32.18	29.34	25.65	22.63	20.78	20.00
Y 56.0	24.69	24.91	25.82	27.86	30.94	33.20	32.59	29.19	25.04	21.74	19.82	18.97
Y 58.0	24.48	24.73	25.65	27.81	31.18	33.73	32.87	28.85	24.25	20.75	18.74	17.86
Y 60.0	24.21	24.42	25.37	27.68	31.31	34.13	33.00	28.36	23.27	19.63	17.58	16.72
Y 62.0	23.81	23.97	24.95	27.40	31.29	34.35	32.93	27.62	22.11	18.43	16.40	15.57
Y 64.0	23.28	23.41	24.39	26.93	31.08	34.35	32.54	26.64	20.76	17.13	15.22	14.45
Y 66.0	22.59	22.70	23.70	26.28	30.65	33.97	31.64	25.36	19.32	15.83	14.10	13.41
Y 68.0	21.77	21.81	22.85	25.46	29.92	32.87	30.01	23.80	17.84	14.59	13.08	12.45
Y 70.0	20.82	20.77	21.82	24.45	28.89	30.84	27.67	21.95	16.34	13.48	12.16	11.60
Y 72.0	19.70	19.66	20.68	23.24	27.50	28.00	24.77	19.92	14.89	12.51	11.37	10.87
Y 74.0	18.37	18.43	19.42	21.84	25.75	24.72	21.62	17.89	13.63	11.66	10.71	10.26
Y 76.0	15.94	17.19	18.09	20.29	23.66	21.43	18.59	16.04	12.64	10.95	10.12	9.70
Y 78.0	13.22	15.94	16.72	18.61	21.32	18.42	16.00	14.36	11.74	10.33	9.61	9.21
Y 80.0	11.41	14.69	15.20	16.61	18.92	15.90	13.95	13.02	10.98	9.72	9.15	8.70
Y 82.0	10.32	13.19	12.48	12.24	16.46	13.95	12.40	11.92	10.27	8.87	8.71	8.13
Y 84.0	9.59	10.63	9.26	8.25	12.79	12.47	11.20	10.99	9.00	7.49	8.03	7.69
Y 86.0	9.05	9.23	7.24	6.74	9.43	11.30	10.26	10.19	7.26	6.69	7.15	7.41
Y 88.0	8.65	8.65	6.61	6.50	8.03	10.37	9.55	9.53	6.68	6.53	6.67	7.25
Y 90.0	8.31	8.35	6.54	6.48	7.63	9.62	9.00	8.96	6.67	6.49	6.57	7.19
Y 92.0	8.03	8.11	6.53	6.49	7.44	8.98	8.53	8.58	6.67	6.50	6.57	7.14
Y 94.0	7.84	7.93	6.53	6.48	7.38	8.40	8.11	8.26	6.69	6.51	6.59	7.10
Y 96.0	7.68	7.87	6.53	6.49	7.44	7.94	7.76	8.00	6.80	6.50	6.69	7.09

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	7.54	7.91	6.53	6.51	7.53	7.59	7.45	7.72	6.89	6.51	6.85	7.08
Y 100.0	7.39	8.03	6.64	6.51	7.24	7.23	7.18	7.32	6.85	6.54	6.93	7.08
Y 102.0	7.18	7.82	6.74	6.52	6.74	6.85	6.93	6.81	6.60	6.56	6.82	7.09
Y 104.0	6.88	7.35	6.70	6.53	6.55	6.61	6.61	6.58	6.57	6.55	6.66	7.14
Y 106.0	6.52	6.97	6.58	6.54	6.55	6.58	6.59	6.58	6.59	6.53	6.58	7.15
Y 108.0	6.49	6.72	6.54	6.54	6.54	6.59	6.59	6.59	6.58	6.55	6.54	6.99
Y 110.0	6.50	6.55	6.54	6.55	6.55	6.58	6.58	6.61	6.57	6.53	6.56	6.73
Y 112.0	6.53	6.53	6.56	6.55	6.56	6.59	6.59	6.61	6.60	6.55	6.57	6.57
Y 114.0	6.51	6.53	6.57	6.55	6.56	6.59	6.59	6.59	6.59	6.57	6.57	6.53
Y 116.0	6.51	6.54	6.56	6.55	6.57	6.59	6.59	6.59	6.59	6.56	6.58	6.53
Y 118.0	6.53	6.54	6.58	6.57	6.58	6.59	6.59	6.61	6.60	6.57	6.57	6.54
Y 120.0	6.54	6.56	6.58	6.57	6.57	6.59	6.59	6.59	6.62	6.58	6.57	6.57
Y 122.0	6.55	6.55	6.58	6.57	6.59	6.60	6.59	6.61	6.59	6.57	6.57	6.55
Y 124.0	6.54	6.56	6.57	6.59	6.59	6.59	6.59	6.59	6.59	6.56	6.58	6.54
Y 126.0	6.55	6.55	6.57	6.57	6.60	6.59	6.60	6.61	6.61	6.57	6.58	6.55
Y 128.0	6.56	6.55	6.57	6.57	6.61	6.60	6.61	6.62	6.60	6.59	6.58	6.55
Y 130.0	6.57	6.57	6.58	6.57	6.61	6.60	6.60	6.59	6.62	6.59	6.59	6.55
Y 132.0	6.56	6.56	6.59	6.57	6.61	6.60	6.60	6.60	6.62	6.59	6.60	6.56
Y 134.0	6.55	6.57	6.58	6.58	6.60	6.60	6.60	6.60	6.59	6.61	6.59	6.55
Y 136.0	6.54	6.57	6.60	6.58	6.60	6.61	6.60	6.61	6.60	6.59	6.57	6.55
Y 138.0	6.57	6.57	6.59	6.60	6.60	6.61	6.62	6.59	6.61	6.59	6.57	6.57
Y 140.0	6.56	6.58	6.58	6.59	6.60	6.63	6.60	6.59	6.61	6.59	6.59	6.58
Y 142.0	6.57	6.58	6.59	6.59	6.61	6.63	6.59	6.62	6.61	6.58	6.60	6.55
Y 144.0	6.57	6.57	6.60	6.60	6.61	6.62	6.61	6.60	6.61	6.58	6.59	6.55
Y 146.0	6.58	6.58	6.61	6.59	6.61	6.62	6.61	6.61	6.58	6.60	6.58	6.56
Y 148.0	6.58	6.59	6.61	6.59	6.60	6.61	6.60	6.61	6.58	6.59	6.59	6.57
Y 150.0	6.59	6.59	6.60	6.59	6.59	6.62	6.59	6.61	6.60	6.58	6.59	6.57
Y 152.0	6.58	6.58	6.60	6.59	6.59	6.62	6.59	6.61	6.60	6.58	6.57	6.56
Y 154.0	6.60	6.59	6.61	6.60	6.60	6.60	6.58	6.59	6.59	6.58	6.57	6.56
Y 156.0	6.58	6.60	6.59	6.60	6.59	6.61	6.58	6.60	6.61	6.59	6.58	6.57
Y 158.0	6.60	6.59	6.61	6.61	6.59	6.60	6.59	6.59	6.59	6.59	6.58	6.57
Y 160.0	6.59	6.59	6.63	6.60	6.60	6.59	6.59	6.61	6.59	6.60	6.59	6.58
Y 162.0	6.60	6.59	6.61	6.58	6.60	6.59	6.60	6.59	6.58	6.60	6.59	6.58
Y 164.0	6.59	6.59	6.59	6.59	6.59	6.61	6.59	6.59	6.58	6.58	6.58	6.58
Y 166.0	6.61	6.58	6.61	6.59	6.59	6.61	6.58	6.59	6.57	6.56	6.58	6.58
Y 168.0	6.58	6.59	6.60	6.59	6.59	6.60	6.59	6.59	6.59	6.57	6.58	6.58
Y 170.0	6.60	6.60	6.61	6.58	6.59	6.60	6.58	6.61	6.59	6.59	6.58	6.58
Y 172.0	6.60	6.60	6.61	6.57	6.60	6.61	6.59	6.61	6.58	6.59	6.59	6.59
Y 174.0	6.59	6.59	6.61	6.59	6.60	6.60	6.59	6.61	6.59	6.59	6.57	6.58
Y 176.0	6.59	6.61	6.61	6.59	6.59	6.60	6.59	6.61	6.58	6.59	6.58	6.58
Y 178.0	6.59	6.60	6.61	6.60	6.59	6.60	6.58	6.61	6.59	6.59	6.58	6.58
Y 180.0	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59