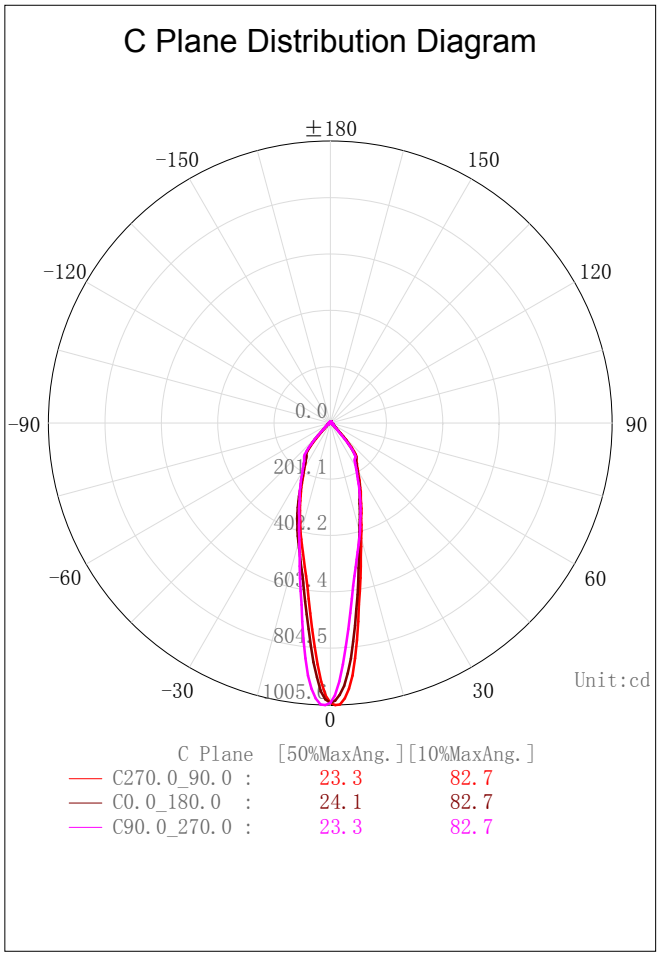
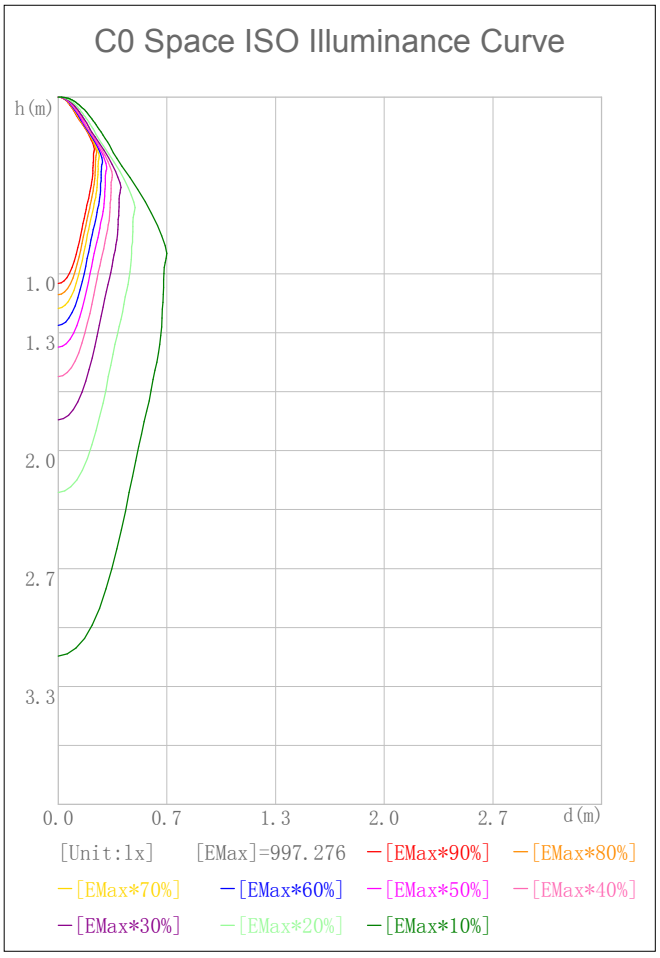
Indoor Luminaire Photometric Data

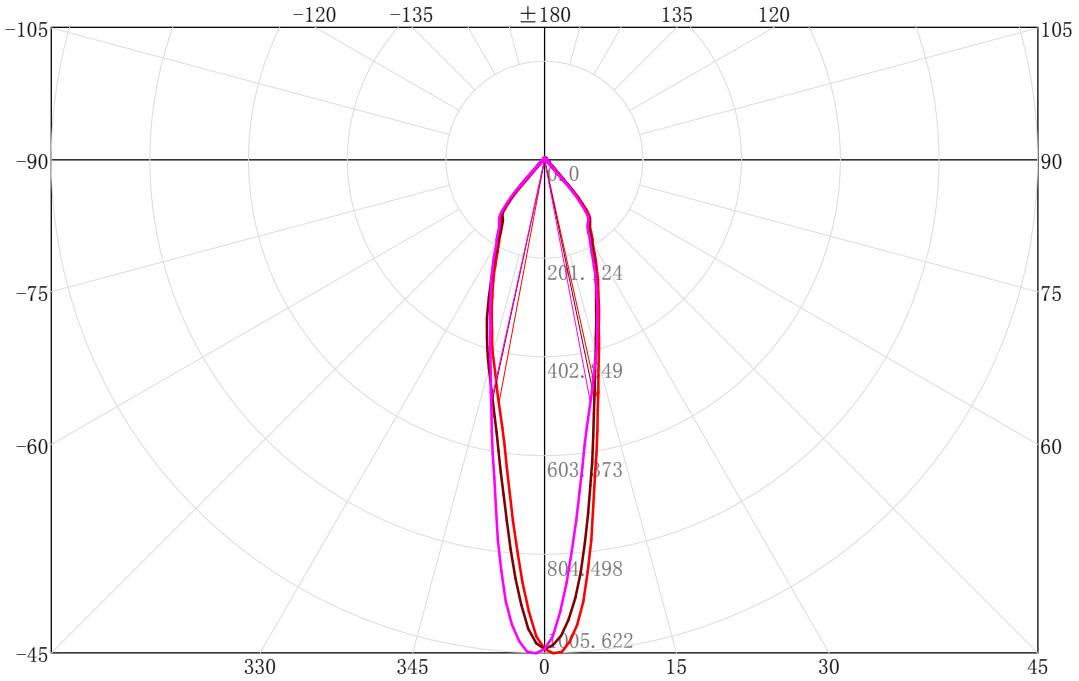
Character Parameter

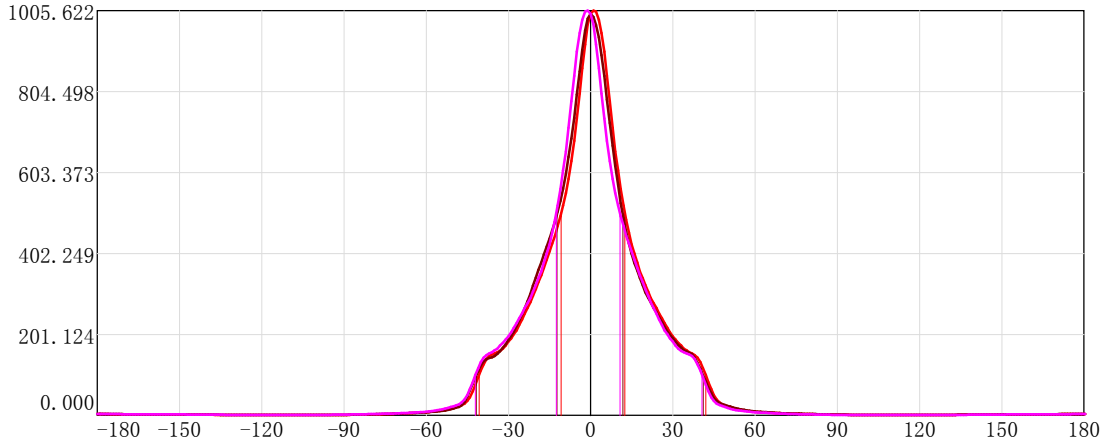
Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 450.000	Luminary Flux(lm): 479.082	Field Angle(10%Imax): 82.7(°)
Rated Power(W):	Luminary Efficiency: 106.46%	Down Lumens&Percent: 467.001lm 97.48%
Rated Voltage(V):	Luminary EER(lm/W): 81.838	Up Lumens&Percent: 12.080lm 2.52%
Tested Power(W): 5.854	Max.Candela(cd): 1005.622	S/MH: C0_a180=0.392 C90_270=0.384
Lamps' Inside: 1	Max Cand@Ang.(°): C=270.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics(V,A,pf):240.6,0.028,0.856	Beam Angle(50%Imax): 23.3(°)	ErP Φuse(90°): 425.910lm
Lamp Size(W*L*H):0.050m*0.000m*0.000m	Left=-10.7° ,Right=12.5°	IRF(%): 476.578





2D Plane Light Intensity Distribution Curve

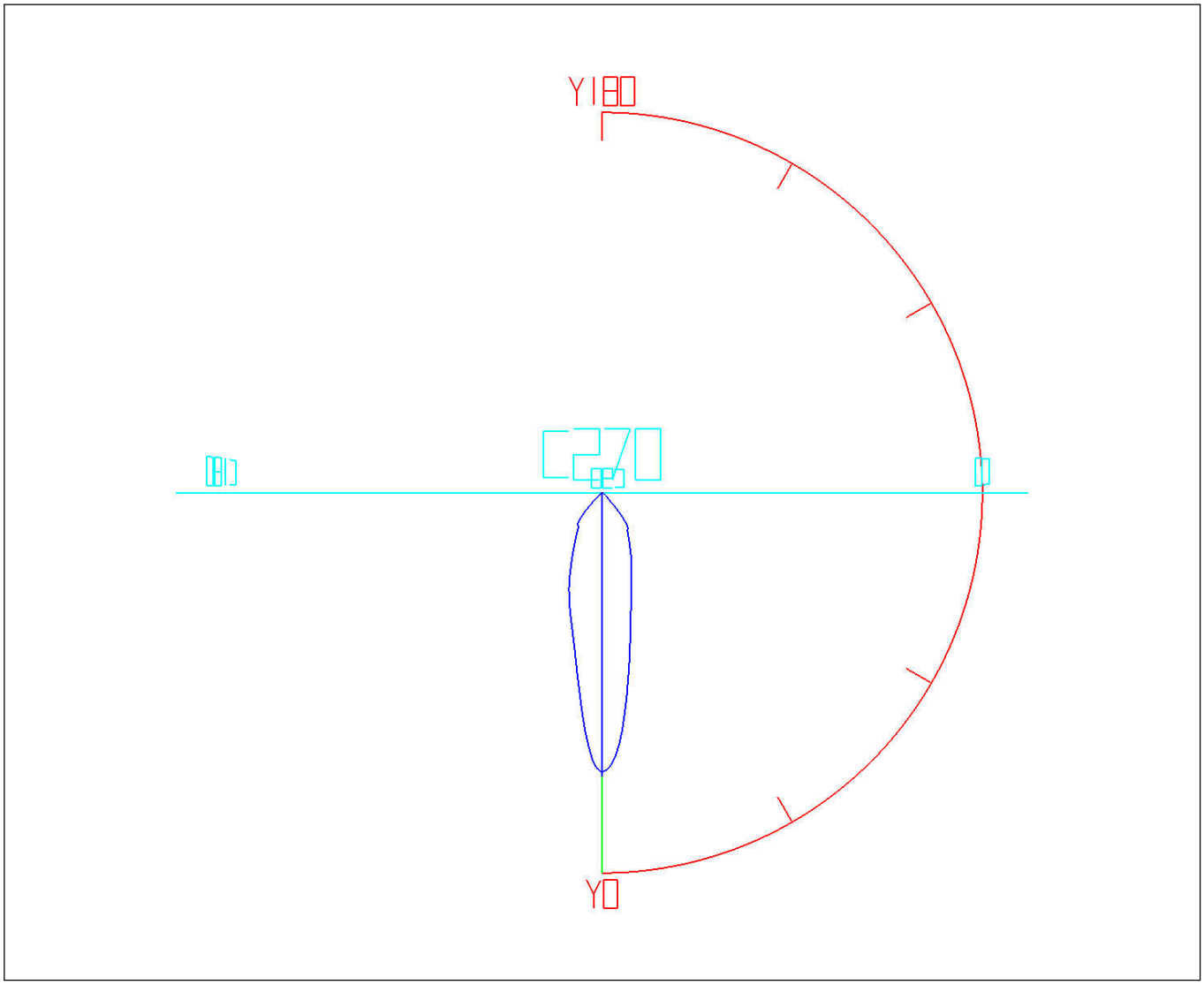




C270.0_90.0 :	23.3	82.7
C0.0_180.0 :	24.1	82.7
C90.0_270.0 :	23.3	82.7

3D Light Intensity Distribution Modal

3D Light Intensity Distribution Modal



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

EQUIVALENT • IES Indoor Report
Photometric Filename:KA6R28BTC.IES

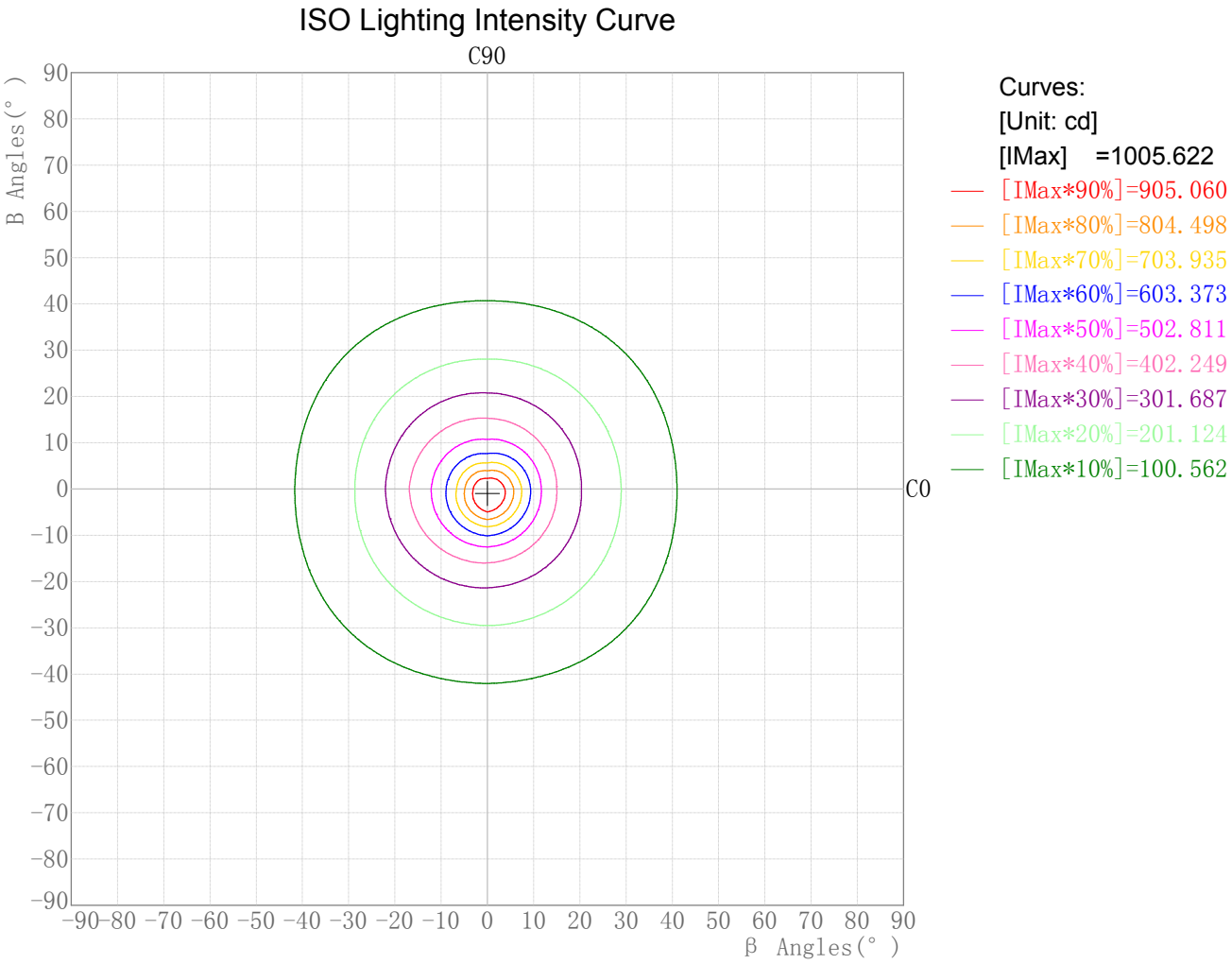
Zonal Flux Tabulation

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	0.95	0.95	0.21	0.21	47.0-48.0	2.21	436.38	0.49	96.97
1.0-2.0	2.80	3.75	0.62	0.83	48.0-49.0	2.00	438.38	0.44	97.42
2.0-3.0	4.51	8.26	1.00	1.84	49.0-50.0	1.85	440.23	0.41	97.83
3.0-4.0	6.02	14.28	1.34	3.17	50.0-51.0	1.70	441.93	0.38	98.21
4.0-5.0	7.29	21.57	1.62	4.79	51.0-52.0	1.55	443.48	0.34	98.55
5.0-6.0	8.32	29.89	1.85	6.64	52.0-53.0	1.42	444.90	0.32	98.87
6.0-7.0	9.12	39.01	2.03	8.67	53.0-54.0	1.31	446.20	0.29	99.16
7.0-8.0	9.74	48.74	2.16	10.83	54.0-55.0	1.22	447.42	0.27	99.43
8.0-9.0	10.22	58.96	2.27	13.10	55.0-56.0	1.14	448.55	0.25	99.68
9.0-10.0	10.62	69.58	2.36	15.46	56.0-57.0	1.07	449.62	0.24	99.92
10.0-11.0	10.96	80.54	2.43	17.90	57.0-58.0	1.00	450.62	0.22	100.14
11.0-12.0	11.23	91.77	2.49	20.39	58.0-59.0	0.95	451.57	0.21	100.35
12.0-13.0	11.45	103.22	2.54	22.94	59.0-60.0	0.89	452.46	0.20	100.55
13.0-14.0	11.64	114.86	2.59	25.52	60.0-61.0	0.85	453.31	0.19	100.74
14.0-15.0	11.81	126.68	2.63	28.15	61.0-62.0	0.81	454.11	0.18	100.91
15.0-16.0	11.95	138.63	2.66	30.81	62.0-63.0	0.77	454.89	0.17	101.09
16.0-17.0	12.04	150.67	2.68	33.48	63.0-64.0	0.74	455.63	0.16	101.25
17.0-18.0	12.09	162.76	2.69	36.17	64.0-65.0	0.71	456.34	0.16	101.41
18.0-19.0	12.12	174.88	2.69	38.86	65.0-66.0	0.68	457.02	0.15	101.56
19.0-20.0	12.10	186.98	2.69	41.55	66.0-67.0	0.65	457.67	0.14	101.70
20.0-21.0	12.04	199.03	2.68	44.23	67.0-68.0	0.61	458.28	0.14	101.84
21.0-22.0	11.95	210.97	2.65	46.88	68.0-69.0	0.58	458.87	0.13	101.97
22.0-23.0	11.82	222.80	2.63	49.51	69.0-70.0	0.55	459.42	0.12	102.09
23.0-24.0	11.69	234.49	2.60	52.11	70.0-71.0	0.53	459.95	0.12	102.21
24.0-25.0	11.53	246.02	2.56	54.67	71.0-72.0	0.51	460.46	0.11	102.32
25.0-26.0	11.34	257.36	2.52	57.19	72.0-73.0	0.49	460.95	0.11	102.43
26.0-27.0	11.13	268.49	2.47	59.66	73.0-74.0	0.48	461.42	0.11	102.54
27.0-28.0	10.89	279.38	2.42	62.08	74.0-75.0	0.46	461.88	0.10	102.64
28.0-29.0	10.68	290.06	2.37	64.46	75.0-76.0	0.45	462.33	0.10	102.74
29.0-30.0	10.50	300.55	2.33	66.79	76.0-77.0	0.43	462.76	0.10	102.84
30.0-31.0	10.32	310.87	2.29	69.08	77.0-78.0	0.41	463.17	0.09	102.93
31.0-32.0	10.14	321.01	2.25	71.34	78.0-79.0	0.40	463.57	0.09	103.02
32.0-33.0	9.97	330.98	2.22	73.55	79.0-80.0	0.39	463.96	0.09	103.10
33.0-34.0	9.85	340.83	2.19	75.74	80.0-81.0	0.37	464.33	0.08	103.18
34.0-35.0	9.80	350.63	2.18	77.92	81.0-82.0	0.36	464.69	0.08	103.26
35.0-36.0	9.82	360.45	2.18	80.10	82.0-83.0	0.34	465.03	0.08	103.34
36.0-37.0	9.85	370.31	2.19	82.29	83.0-84.0	0.33	465.36	0.07	103.41
37.0-38.0	9.79	380.09	2.17	84.47	84.0-85.0	0.32	465.68	0.07	103.48
38.0-39.0	9.49	389.58	2.11	86.57	85.0-86.0	0.30	465.98	0.07	103.55
39.0-40.0	8.91	398.50	1.98	88.56	86.0-87.0	0.29	466.27	0.06	103.62
40.0-41.0	8.09	406.59	1.80	90.35	87.0-88.0	0.27	466.54	0.06	103.68
41.0-42.0	7.10	413.69	1.58	91.93	88.0-89.0	0.24	466.78	0.05	103.73
42.0-43.0	6.02	419.71	1.34	93.27	89.0-90.0	0.22	467.00	0.05	103.78
43.0-44.0	4.91	424.62	1.09	94.36	90.0-91.0	0.21	467.21	0.05	103.82
44.0-45.0	3.92	428.54	0.87	95.23	91.0-92.0	0.20	467.41	0.04	103.87
45.0-46.0	3.10	431.64	0.69	95.92	92.0-93.0	0.20	467.61	0.04	103.91
46.0-47.0	2.53	434.17	0.56	96.48	93.0-94.0	0.19	467.80	0.04	103.96

Zonal Flux Tabulation - (Cont.)

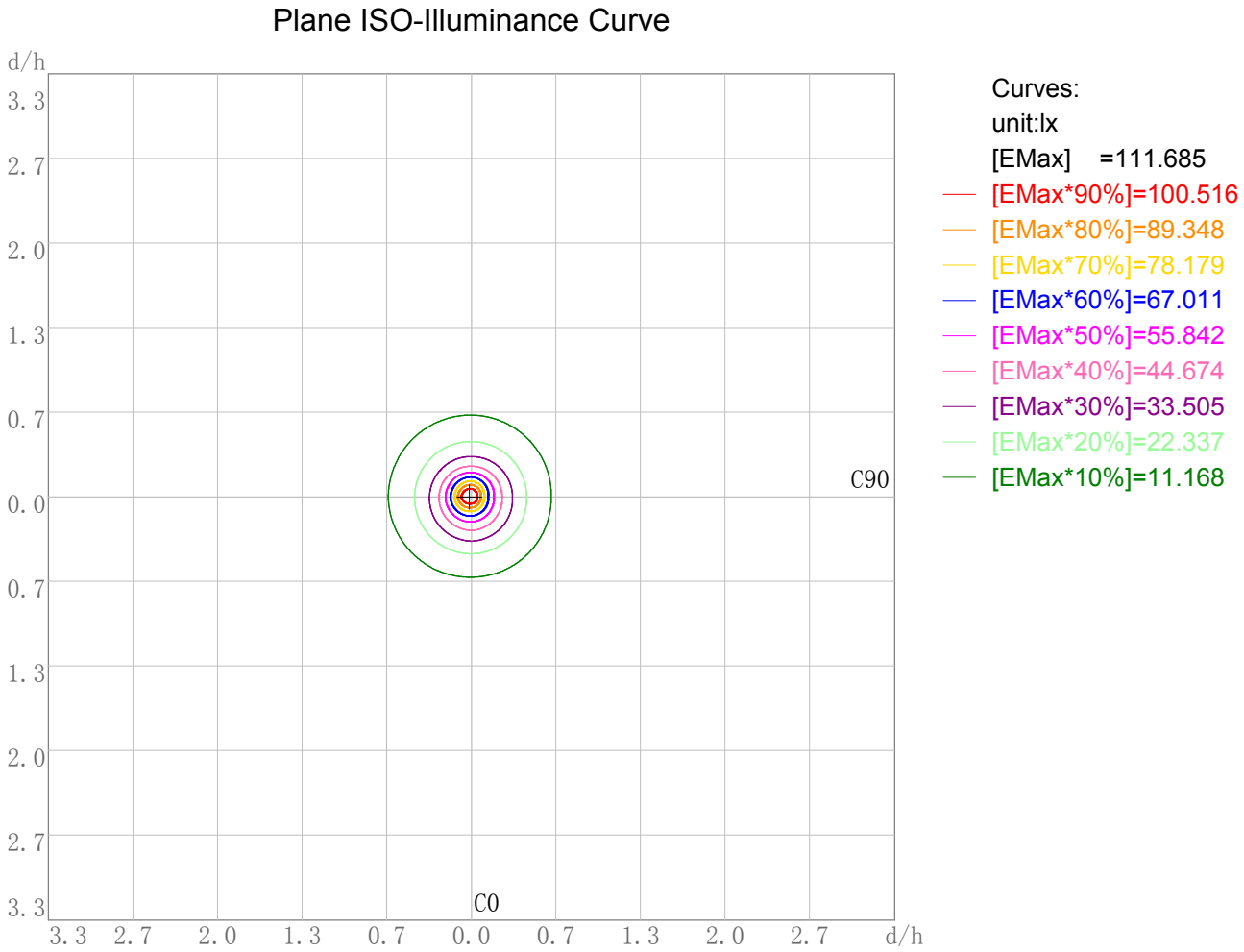
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.19	467.99	0.04	104.00
95.0-96.0	0.18	468.17	0.04	104.04
96.0-97.0	0.18	468.35	0.04	104.08
97.0-98.0	0.17	468.52	0.04	104.12
98.0-99.0	0.17	468.69	0.04	104.15
99.0-100.0	0.17	468.86	0.04	104.19
100.0-101.0	0.16	469.02	0.04	104.23
101.0-102.0	0.16	469.18	0.04	104.26
102.0-103.0	0.16	469.34	0.03	104.30
103.0-104.0	0.15	469.49	0.03	104.33
104.0-105.0	0.15	469.65	0.03	104.37
105.0-106.0	0.15	469.80	0.03	104.40
106.0-107.0	0.15	469.95	0.03	104.43
107.0-108.0	0.15	470.09	0.03	104.47
108.0-109.0	0.15	470.24	0.03	104.50
109.0-110.0	0.15	470.38	0.03	104.53
110.0-111.0	0.14	470.53	0.03	104.56
111.0-112.0	0.14	470.67	0.03	104.59
112.0-113.0	0.14	470.81	0.03	104.63
113.0-114.0	0.14	470.96	0.03	104.66
114.0-115.0	0.14	471.10	0.03	104.69
115.0-116.0	0.14	471.24	0.03	104.72
116.0-117.0	0.14	471.38	0.03	104.75
117.0-118.0	0.14	471.52	0.03	104.78
118.0-119.0	0.14	471.66	0.03	104.81
119.0-120.0	0.14	471.80	0.03	104.84
120.0-121.0	0.14	471.94	0.03	104.88
121.0-122.0	0.14	472.08	0.03	104.91
122.0-123.0	0.14	472.22	0.03	104.94
123.0-124.0	0.14	472.37	0.03	104.97
124.0-125.0	0.14	472.51	0.03	105.00
125.0-126.0	0.14	472.65	0.03	105.03
126.0-127.0	0.14	472.80	0.03	105.07
127.0-128.0	0.15	472.94	0.03	105.10
128.0-129.0	0.15	473.09	0.03	105.13
129.0-130.0	0.15	473.24	0.03	105.16
130.0-131.0	0.15	473.39	0.03	105.20
131.0-132.0	0.15	473.54	0.03	105.23
132.0-133.0	0.15	473.69	0.03	105.26
133.0-134.0	0.15	473.84	0.03	105.30
134.0-135.0	0.15	473.99	0.03	105.33
135.0-136.0	0.15	474.15	0.03	105.37
136.0-137.0	0.16	474.30	0.03	105.40
137.0-138.0	0.16	474.46	0.03	105.44
138.0-139.0	0.16	474.62	0.04	105.47
139.0-140.0	0.16	474.78	0.04	105.51
140.0-141.0	0.16	474.94	0.04	105.54
141.0-142.0	0.16	475.10	0.04	105.58
142.0-143.0	0.16	475.26	0.04	105.61
143.0-144.0	0.16	475.43	0.04	105.65
144.0-145.0	0.16	475.59	0.04	105.69
145.0-146.0	0.16	475.75	0.04	105.72
146.0-147.0	0.16	475.91	0.04	105.76
147.0-148.0	0.16	476.07	0.04	105.79
148.0-149.0	0.16	476.22	0.04	105.83
149.0-150.0	0.16	476.38	0.03	105.86
150.0-151.0	0.15	476.53	0.03	105.90
151.0-152.0	0.15	476.69	0.03	105.93
152.0-153.0	0.15	476.83	0.03	105.96
153.0-154.0	0.15	476.98	0.03	106.00
154.0-155.0	0.14	477.12	0.03	106.03
155.0-156.0	0.14	477.26	0.03	106.06
156.0-157.0	0.14	477.40	0.03	106.09
157.0-158.0	0.13	477.53	0.03	106.12
158.0-159.0	0.13	477.66	0.03	106.15
159.0-160.0	0.12	477.78	0.03	106.17
160.0-161.0	0.12	477.90	0.03	106.20
161.0-162.0	0.11	478.01	0.03	106.23
162.0-163.0	0.11	478.12	0.02	106.25
163.0-164.0	0.10	478.23	0.02	106.27
164.0-165.0	0.10	478.33	0.02	106.29
165.0-166.0	0.09	478.42	0.02	106.32
166.0-167.0	0.09	478.51	0.02	106.34
167.0-168.0	0.08	478.59	0.02	106.35
168.0-169.0	0.08	478.67	0.02	106.37
169.0-170.0	0.07	478.74	0.02	106.39
170.0-171.0	0.06	478.80	0.01	106.40
171.0-172.0	0.06	478.86	0.01	106.41
172.0-173.0	0.05	478.91	0.01	106.42
173.0-174.0	0.04	478.96	0.01	106.43
174.0-175.0	0.04	478.99	0.01	106.44
175.0-176.0	0.03	479.03	0.01	106.45
176.0-177.0	0.02	479.05	0.01	106.46
177.0-178.0	0.02	479.07	0.00	106.46
178.0-179.0	0.01	479.08	0.00	106.46
179.0-180.0	0.00	479.08	0.00	106.46

Rectangle ISO Lighting Intensity Diagram



Maximum Light Intensity(cd): 1005.62
Maximum Cand.@Angle: H=-0.0°,V=-1.0°

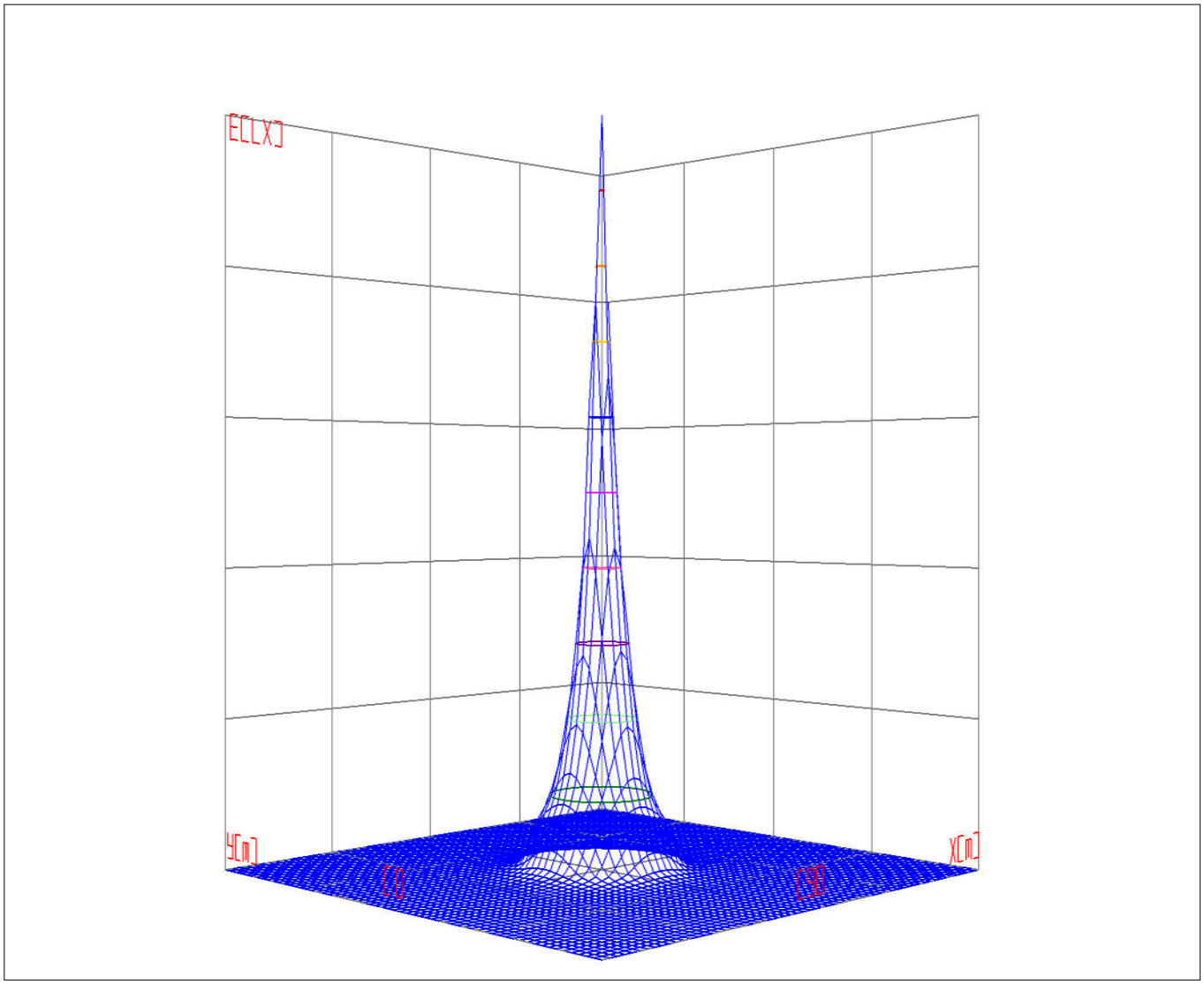
Plane ISO-Illuminance Diagram



Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 111.68
Working Plane Maximum Illuminance Position(d/h):H-0.0 V-0.0

3D Plane ISO Illuminance Diagram

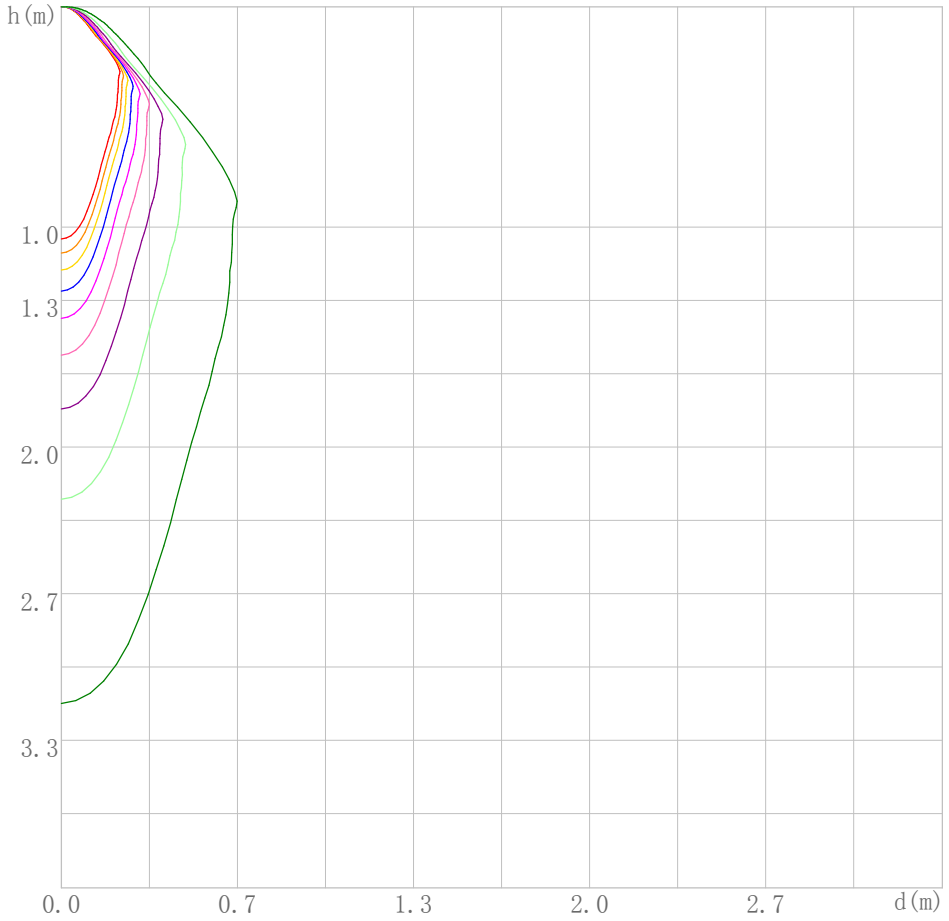
3D Plane Illuminance Modal



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

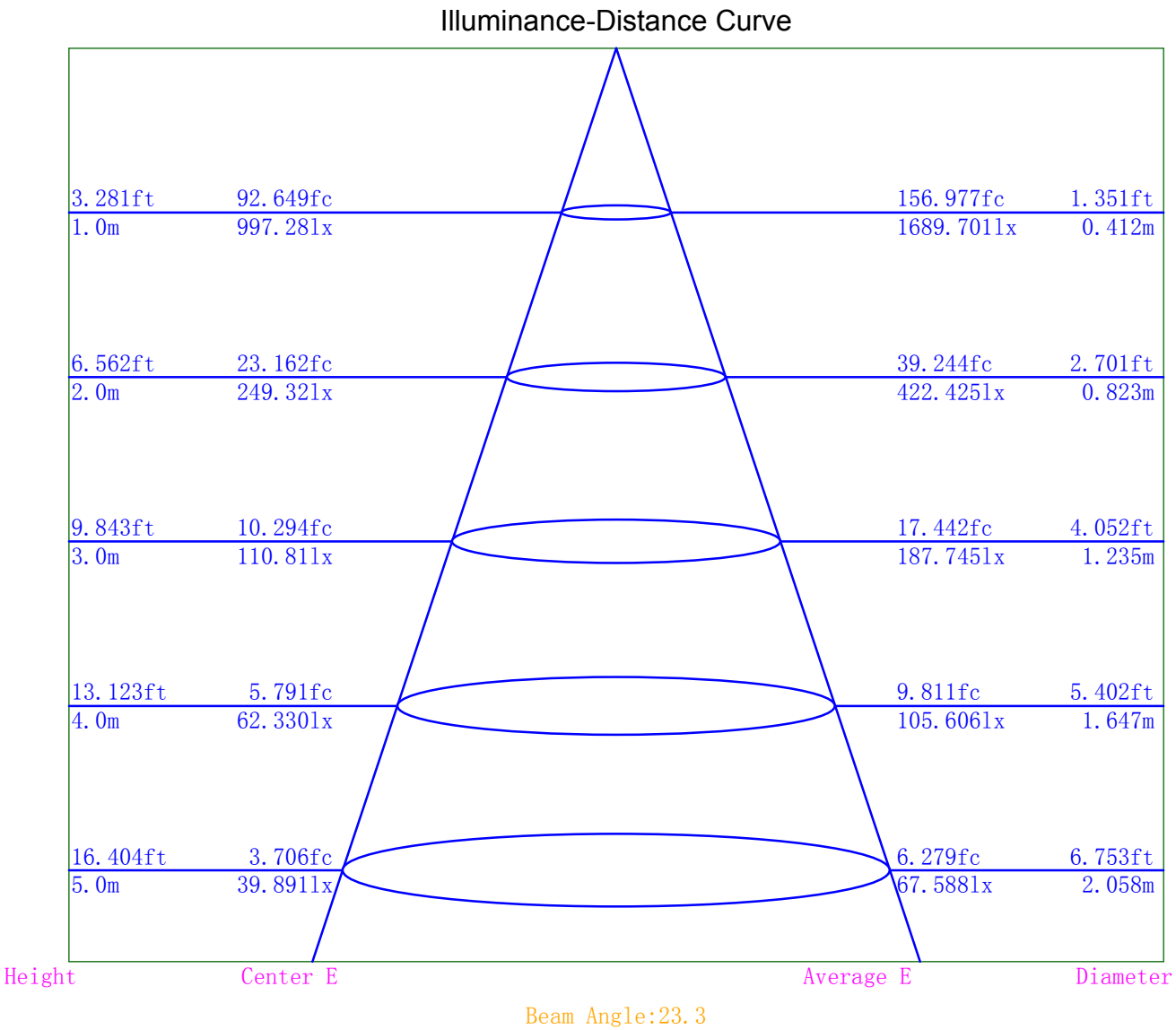
Space ISO Illuminance Curve



Curves:
[Unit: lx]
[EMax] =997.276
[EMax*90%]=897.548
[EMax*80%]=797.821
[EMax*70%]=698.093
[EMax*60%]=598.366
[EMax*50%]=498.638
[EMax*40%]=398.910
[EMax*30%]=299.183
[EMax*20%]=199.455
[EMax*10%]=99.728

Space Plane Maximum Illuminance and @Angle:997.28lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:997.276cd,0eg

Illuminance-Distance Diagram



Beam Angle:23.3

Indoor Luminance Limiting Curves

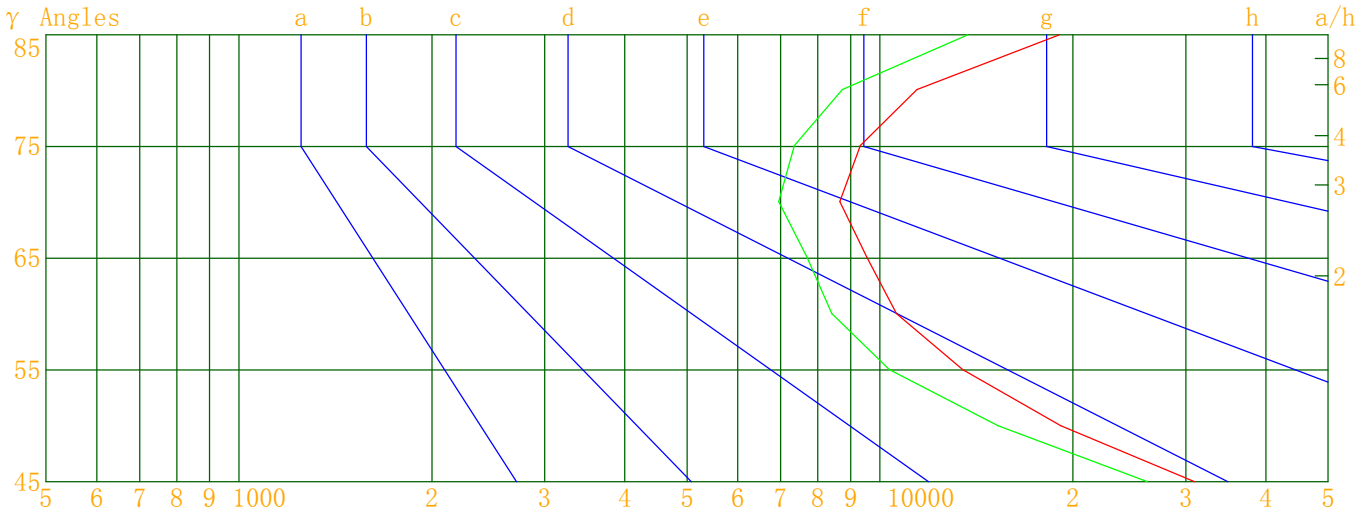
Glare Grade Table

GI	Quality	Using Illuminace							
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

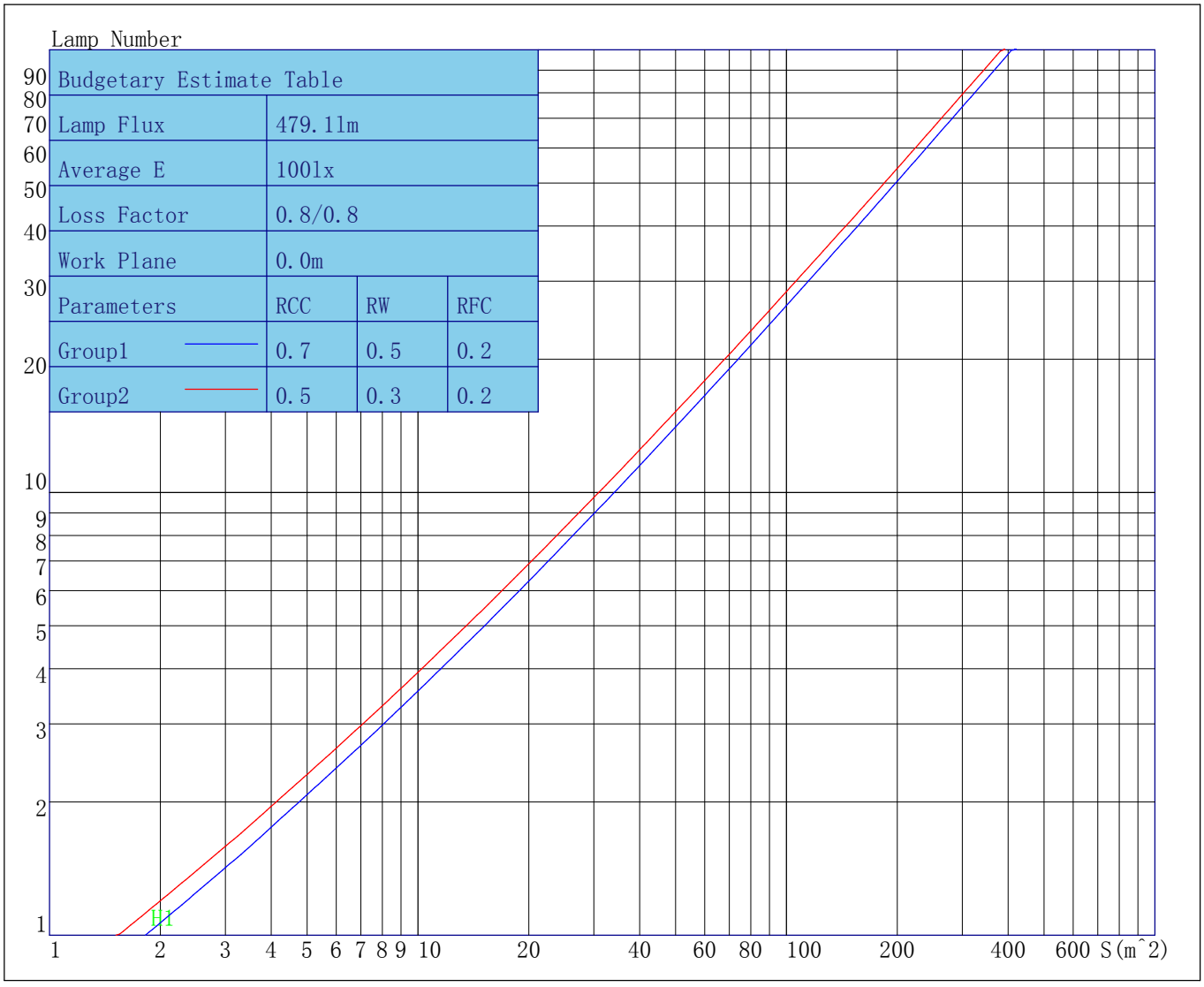
Gama(deg)	45	50	55	60	65	70	75	80	85
C0	30959	19142	13462	10608	9542	8655	9323	11418	19044
C90	26142	15272	10349	8413	7704	6948	7356	8743	13721

Luminance Limiting Curve



Luminous Size: Length(m)=0.000 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



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

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	126	126	126	126	123	123	123	123	117	117	117	111	111	111	106	106	106	104
1	120	116	113	111	117	114	111	109	109	107	105	104	103	101	100	99	98	96
2	113	108	103	99	110	105	101	98	102	98	95	98	95	93	95	92	90	88
3	107	100	94	90	105	98	93	89	95	91	87	92	88	85	89	86	84	82
4	101	93	87	82	99	92	86	81	89	84	80	86	82	79	84	81	78	76
5	96	87	80	76	94	86	80	75	83	78	74	81	77	73	79	75	72	71
6	91	81	75	70	89	80	74	70	78	73	69	77	72	68	75	71	68	66
7	87	77	70	65	85	76	69	65	74	69	64	73	68	64	71	67	63	62
8	83	72	66	61	81	71	65	61	70	64	60	69	64	60	67	63	60	58
9	79	68	62	57	77	68	61	57	66	61	57	65	60	57	64	60	56	55
10	75	65	58	54	74	64	58	54	63	58	54	62	57	54	61	57	53	52

Unified Glare Rating Table

Unified Glare Rating Table

Ceiling RCC		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
Wall RW		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
Floor RFC		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room Size		Vewed crosswise					Vewed endwise				
X=2H	Y=2H	20.6	21.7	21.0	22.1	22.5	20.0	21.2	20.5	21.6	21.9
	Y=3H	20.7	21.7	21.1	22.1	22.5	20.1	21.1	20.5	21.5	21.9
	Y=4H	20.7	21.7	21.2	22.1	22.6	20.1	21.1	20.6	21.5	21.9
	Y=6H	20.9	21.8	21.3	22.2	22.7	20.2	21.1	20.7	21.5	22.0
	Y=8H	21.0	21.8	21.5	22.3	22.8	20.3	21.1	20.7	21.6	22.0
	Y=12H	21.2	22.0	21.6	22.4	22.9	20.4	21.2	20.8	21.6	22.1
X=4H	Y=2H	20.4	21.4	20.9	21.8	22.2	19.9	20.8	20.3	21.3	21.7
	Y=3H	20.6	21.4	21.1	21.9	22.3	20.0	20.8	20.5	21.3	21.7
	Y=4H	20.8	21.5	21.2	22.0	22.5	20.1	20.9	20.6	21.3	21.8
	Y=6H	21.0	21.7	21.6	22.2	22.7	20.3	21.0	20.8	21.5	22.0
	Y=8H	21.2	21.9	21.8	22.4	22.9	20.4	21.1	21.0	21.6	22.1
	Y=12H	21.5	22.1	22.1	22.6	23.2	20.6	21.2	21.2	21.7	22.3
X=8H	Y=4H	20.7	21.4	21.3	21.9	22.4	20.1	20.7	20.6	21.2	21.7
	Y=6H	21.2	21.7	21.7	22.2	22.8	20.4	21.0	21.0	21.5	22.1
	Y=8H	21.5	22.0	22.0	22.5	23.1	20.6	21.1	21.2	21.7	22.2
	Y=12H	21.9	22.4	22.5	22.9	23.6	21.0	21.4	21.5	22.0	22.6
X=12H	Y=4H	20.7	21.3	21.2	21.8	22.4	20.1	20.6	20.6	21.2	21.7
	Y=6H	21.2	21.7	21.7	22.2	22.8	20.4	20.9	21.0	21.4	22.0
	Y=8H	21.6	22.0	22.1	22.6	23.2	20.7	21.2	21.3	21.7	22.4
Variations with the objerver position at spacings											
S=1.0H		0.1/-0.1					0.2/-0.2				
S=1.5H		0.2/-0.3					0.3/-0.3				
S=2.0H		0.4/-0.3					0.4/-0.4				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		1.4					1.1				

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

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	997.28	997.28	997.28	997.28
γ 1.0	989.39	971.49	985.60	1005.62
γ 2.0	970.24	921.41	956.72	1003.41
γ 3.0	938.71	862.43	907.84	982.78
γ 4.0	895.32	799.43	854.80	950.07
γ 5.0	843.84	737.86	797.23	903.78
γ 6.0	784.47	681.83	739.33	843.14
γ 7.0	726.72	631.83	688.03	780.41
γ 8.0	670.28	587.24	642.22	714.57
γ 9.0	620.20	552.15	600.14	656.07
γ 10.0	573.01	521.78	563.19	608.55
γ 11.0	527.32	495.60	533.24	563.01
γ 12.0	490.43	470.50	506.18	521.61
γ 13.0	456.42	446.98	481.46	486.53
γ 14.0	426.52	427.18	459.36	454.06
γ 15.0	402.35	407.92	439.28	425.57
γ 16.0	378.72	387.28	419.43	402.06
γ 17.0	359.81	366.28	400.13	379.59
γ 18.0	342.16	347.94	380.14	357.74
γ 19.0	323.57	331.55	361.37	341.29
γ 20.0	306.45	313.92	343.02	324.21
γ 21.0	292.60	297.68	323.06	307.39
γ 22.0	281.14	281.72	302.47	291.80
γ 23.0	267.38	267.05	283.50	278.96
γ 24.0	255.93	252.74	265.83	267.44
γ 25.0	243.87	238.26	251.00	253.74
γ 26.0	231.88	224.87	236.46	241.76
γ 27.0	220.06	211.83	222.25	230.03
γ 28.0	208.27	202.04	208.41	217.73
γ 29.0	200.71	191.59	197.55	206.47
γ 30.0	191.25	183.45	187.72	196.40
γ 31.0	183.64	173.98	177.42	189.56
γ 32.0	174.96	166.33	168.81	180.64
γ 33.0	168.22	160.94	159.65	174.06
γ 34.0	162.50	157.07	153.05	166.19
γ 35.0	159.19	154.53	148.15	161.81
γ 36.0	156.18	151.82	144.95	157.60
γ 37.0	152.61	148.02	142.92	154.26
γ 38.0	143.60	140.52	140.30	150.63
γ 39.0	130.42	127.54	134.88	144.14
γ 40.0	117.02	111.93	123.69	132.80
γ 41.0	100.44	95.22	110.54	117.50
γ 42.0	85.32	76.60	95.05	101.32
γ 43.0	69.43	60.11	79.21	82.52
γ 44.0	55.44	45.55	62.63	65.91
γ 45.0	42.98	36.30	47.78	50.93
γ 46.0	35.68	29.76	33.64	39.67

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	31.16	26.62	25.66	32.64
γ 48.0	28.64	23.88	21.72	27.97
γ 49.0	26.21	21.55	19.58	25.47
γ 50.0	24.16	19.27	17.80	23.39
γ 51.0	22.02	16.79	16.02	21.28
γ 52.0	19.77	15.18	14.16	19.34
γ 53.0	17.92	13.81	12.89	17.36
γ 54.0	16.42	12.70	11.93	15.61
γ 55.0	15.16	11.65	11.15	14.27
γ 56.0	13.97	10.77	10.43	13.14
γ 57.0	12.98	10.04	9.73	12.17
γ 58.0	12.07	9.30	9.22	11.28
γ 59.0	11.19	8.74	8.66	10.47
γ 60.0	10.41	8.26	8.09	9.73
γ 61.0	9.81	7.89	7.62	9.04
γ 62.0	9.30	7.47	7.25	8.54
γ 63.0	8.81	7.14	6.91	8.06
γ 64.0	8.39	6.77	6.70	7.68
γ 65.0	7.92	6.39	6.37	7.31
γ 66.0	7.57	6.00	6.16	6.98
γ 67.0	7.02	5.57	5.72	6.64
γ 68.0	6.60	5.17	5.49	6.26
γ 69.0	6.22	4.88	5.09	5.98
γ 70.0	5.81	4.67	4.84	5.55
γ 71.0	5.56	4.46	4.66	5.25
γ 72.0	5.33	4.25	4.52	5.07
γ 73.0	5.11	4.07	4.35	4.90
γ 74.0	4.92	3.90	4.19	4.73
γ 75.0	4.74	3.74	4.05	4.57
γ 76.0	4.56	3.58	3.91	4.42
γ 77.0	4.38	3.42	3.75	4.26
γ 78.0	4.20	3.26	3.60	4.11
γ 79.0	4.04	3.13	3.46	3.96
γ 80.0	3.89	2.98	3.32	3.82
γ 81.0	3.76	2.85	3.18	3.67
γ 82.0	3.62	2.73	3.04	3.54
γ 83.0	3.50	2.61	2.91	3.38
γ 84.0	3.38	2.49	2.79	3.25
γ 85.0	3.26	2.35	2.68	3.10
γ 86.0	3.12	2.20	2.53	2.98
γ 87.0	2.99	2.00	2.38	2.86
γ 88.0	2.77	1.76	2.17	2.62
γ 89.0	2.29	1.61	1.92	2.50
γ 90.0	2.15	1.57	1.72	2.31
γ 91.0	2.09	1.53	1.66	2.19
γ 92.0	2.04	1.49	1.61	2.12
γ 93.0	1.99	1.46	1.58	2.06

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	1.94	1.43	1.54	2.02
γ 95.0	1.90	1.39	1.50	1.96
γ 96.0	1.86	1.37	1.47	1.91
γ 97.0	1.82	1.34	1.43	1.87
γ 98.0	1.78	1.31	1.41	1.83
γ 99.0	1.74	1.30	1.38	1.79
γ 100.0	1.71	1.28	1.36	1.75
γ 101.0	1.68	1.26	1.34	1.72
γ 102.0	1.66	1.24	1.33	1.69
γ 103.0	1.63	1.23	1.31	1.67
γ 104.0	1.61	1.22	1.30	1.65
γ 105.0	1.59	1.22	1.29	1.63
γ 106.0	1.59	1.21	1.28	1.62
γ 107.0	1.57	1.21	1.28	1.61
γ 108.0	1.55	1.20	1.28	1.59
γ 109.0	1.55	1.21	1.28	1.58
γ 110.0	1.54	1.21	1.28	1.57
γ 111.0	1.55	1.22	1.29	1.57
γ 112.0	1.54	1.22	1.30	1.56
γ 113.0	1.53	1.22	1.30	1.57
γ 114.0	1.54	1.22	1.30	1.56
γ 115.0	1.54	1.23	1.33	1.56
γ 116.0	1.54	1.25	1.34	1.57
γ 117.0	1.54	1.26	1.36	1.58
γ 118.0	1.54	1.27	1.37	1.60
γ 119.0	1.56	1.29	1.40	1.61
γ 120.0	1.57	1.31	1.42	1.63
γ 121.0	1.58	1.33	1.45	1.65
γ 122.0	1.60	1.34	1.48	1.66
γ 123.0	1.62	1.38	1.50	1.68
γ 124.0	1.64	1.40	1.53	1.70
γ 125.0	1.67	1.43	1.56	1.73
γ 126.0	1.68	1.47	1.60	1.75
γ 127.0	1.71	1.50	1.63	1.79
γ 128.0	1.75	1.53	1.66	1.81
γ 129.0	1.78	1.58	1.71	1.85
γ 130.0	1.82	1.61	1.75	1.88
γ 131.0	1.87	1.66	1.78	1.92
γ 132.0	1.90	1.71	1.83	1.95
γ 133.0	1.94	1.76	1.88	1.99
γ 134.0	1.99	1.81	1.93	2.03
γ 135.0	2.04	1.86	1.98	2.08
γ 136.0	2.08	1.91	2.04	2.13
γ 137.0	2.14	1.97	2.10	2.17
γ 138.0	2.18	2.04	2.16	2.23
γ 139.0	2.24	2.09	2.23	2.29
γ 140.0	2.30	2.15	2.29	2.35

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	2.36	2.21	2.35	2.41
γ 142.0	2.41	2.27	2.42	2.46
γ 143.0	2.47	2.33	2.48	2.53
γ 144.0	2.53	2.41	2.55	2.59
γ 145.0	2.57	2.46	2.60	2.63
γ 146.0	2.63	2.51	2.64	2.68
γ 147.0	2.69	2.57	2.69	2.74
γ 148.0	2.73	2.62	2.76	2.80
γ 149.0	2.79	2.67	2.80	2.84
γ 150.0	2.84	2.72	2.85	2.89
γ 151.0	2.88	2.76	2.90	2.93
γ 152.0	2.93	2.81	2.94	2.98
γ 153.0	2.97	2.85	2.97	3.01
γ 154.0	3.03	2.90	3.02	3.05
γ 155.0	3.06	2.94	3.06	3.09
γ 156.0	3.11	2.98	3.11	3.13
γ 157.0	3.14	3.02	3.15	3.17
γ 158.0	3.19	3.06	3.20	3.19
γ 159.0	3.21	3.10	3.23	3.23
γ 160.0	3.26	3.14	3.27	3.27
γ 161.0	3.29	3.17	3.32	3.29
γ 162.0	3.33	3.21	3.34	3.33
γ 163.0	3.37	3.26	3.38	3.36
γ 164.0	3.39	3.29	3.40	3.39
γ 165.0	3.42	3.34	3.44	3.41
γ 166.0	3.46	3.36	3.47	3.44
γ 167.0	3.49	3.39	3.49	3.47
γ 168.0	3.51	3.43	3.52	3.50
γ 169.0	3.55	3.45	3.54	3.52
γ 170.0	3.58	3.48	3.56	3.55
γ 171.0	3.60	3.51	3.58	3.57
γ 172.0	3.63	3.53	3.60	3.60
γ 173.0	3.65	3.55	3.61	3.62
γ 174.0	3.66	3.56	3.62	3.64
γ 175.0	3.68	3.57	3.64	3.65
γ 176.0	3.68	3.59	3.65	3.66
γ 177.0	3.70	3.60	3.65	3.66
γ 178.0	3.69	3.61	3.66	3.68
γ 179.0	3.70	3.61	3.66	3.68
γ 180.0	3.67	3.67	3.67	3.67