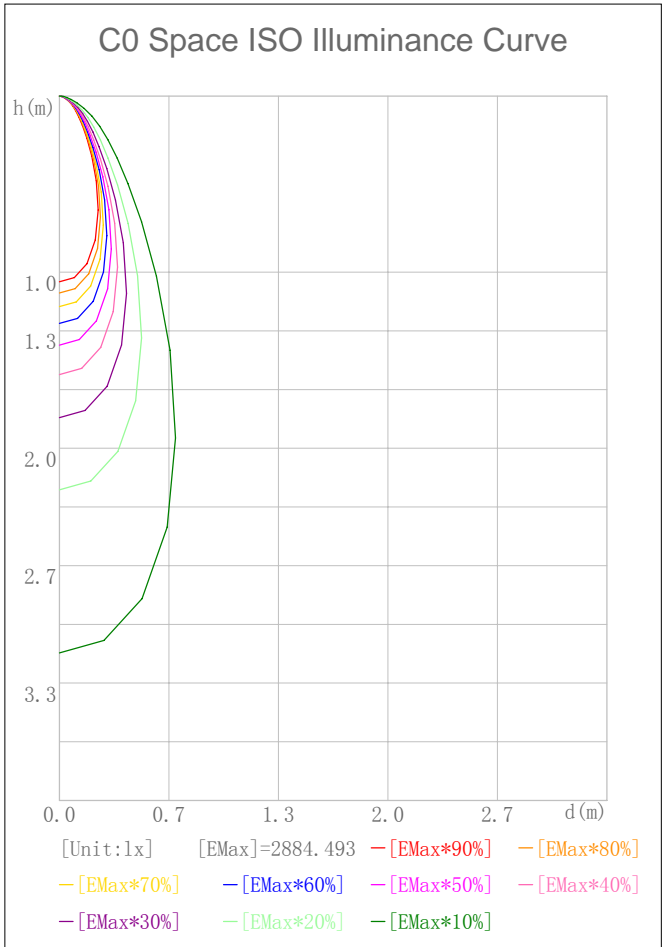
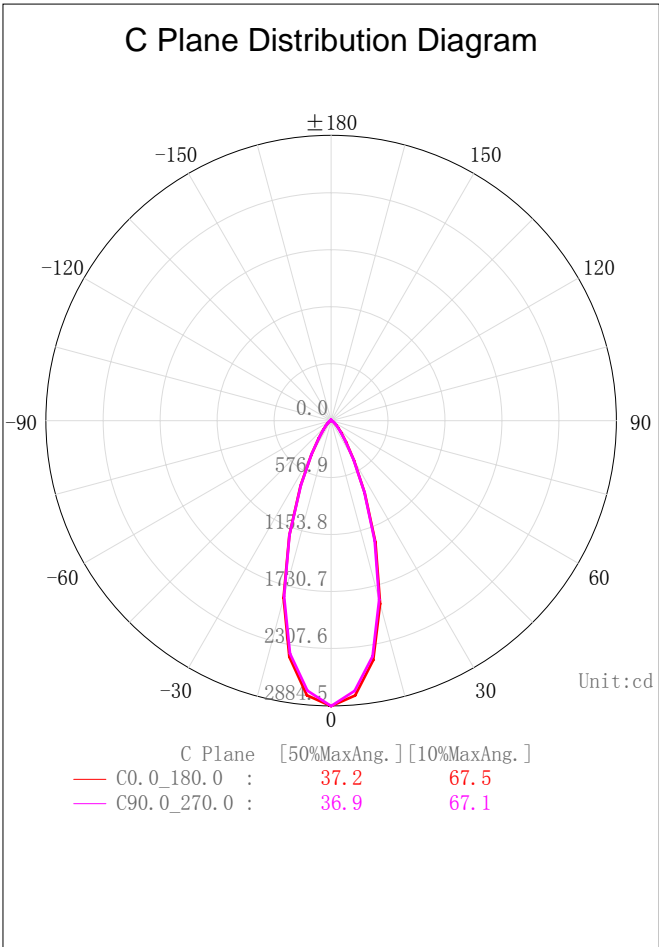


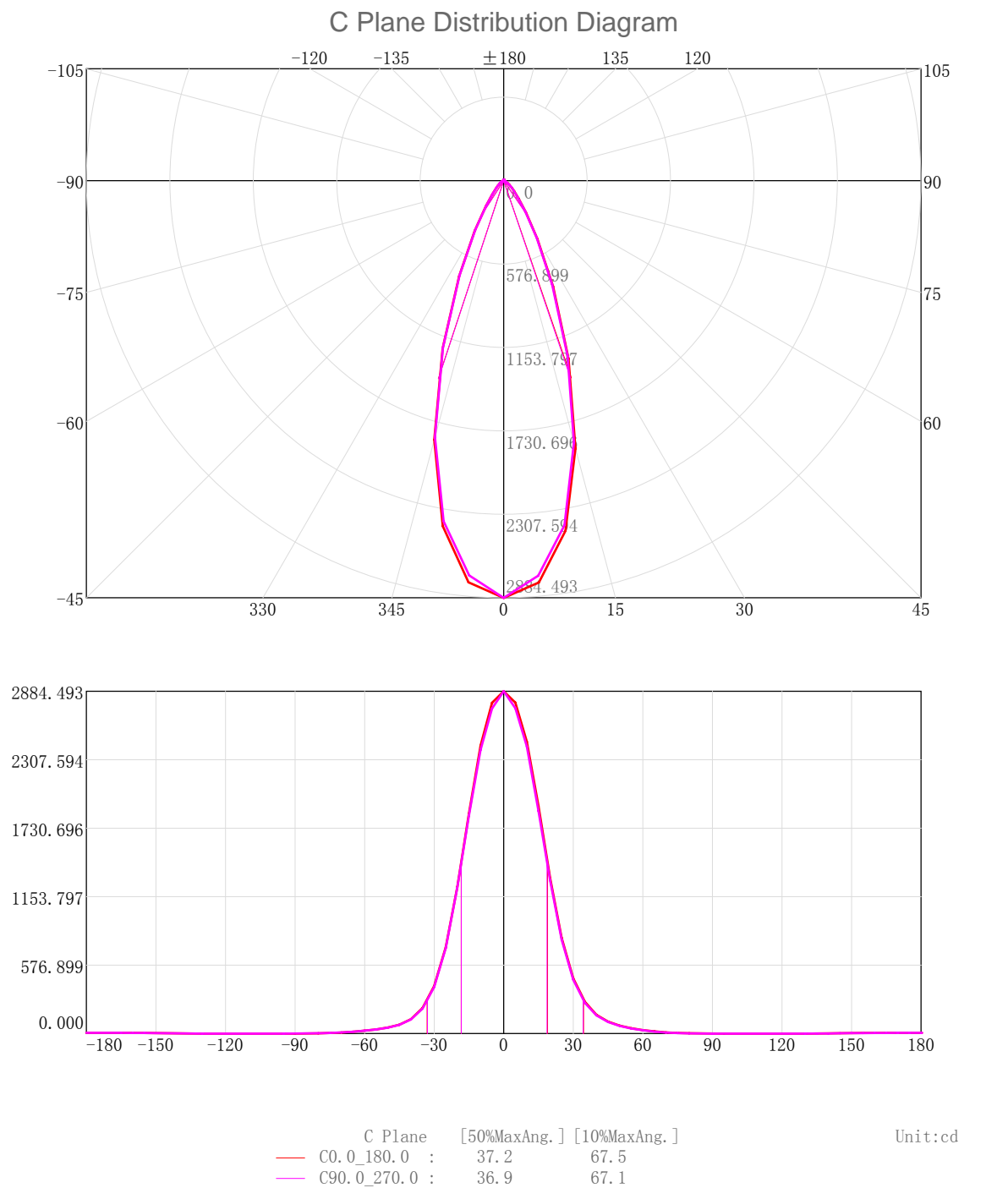
Indoor Luminaire Photometric Data

Character Parameter

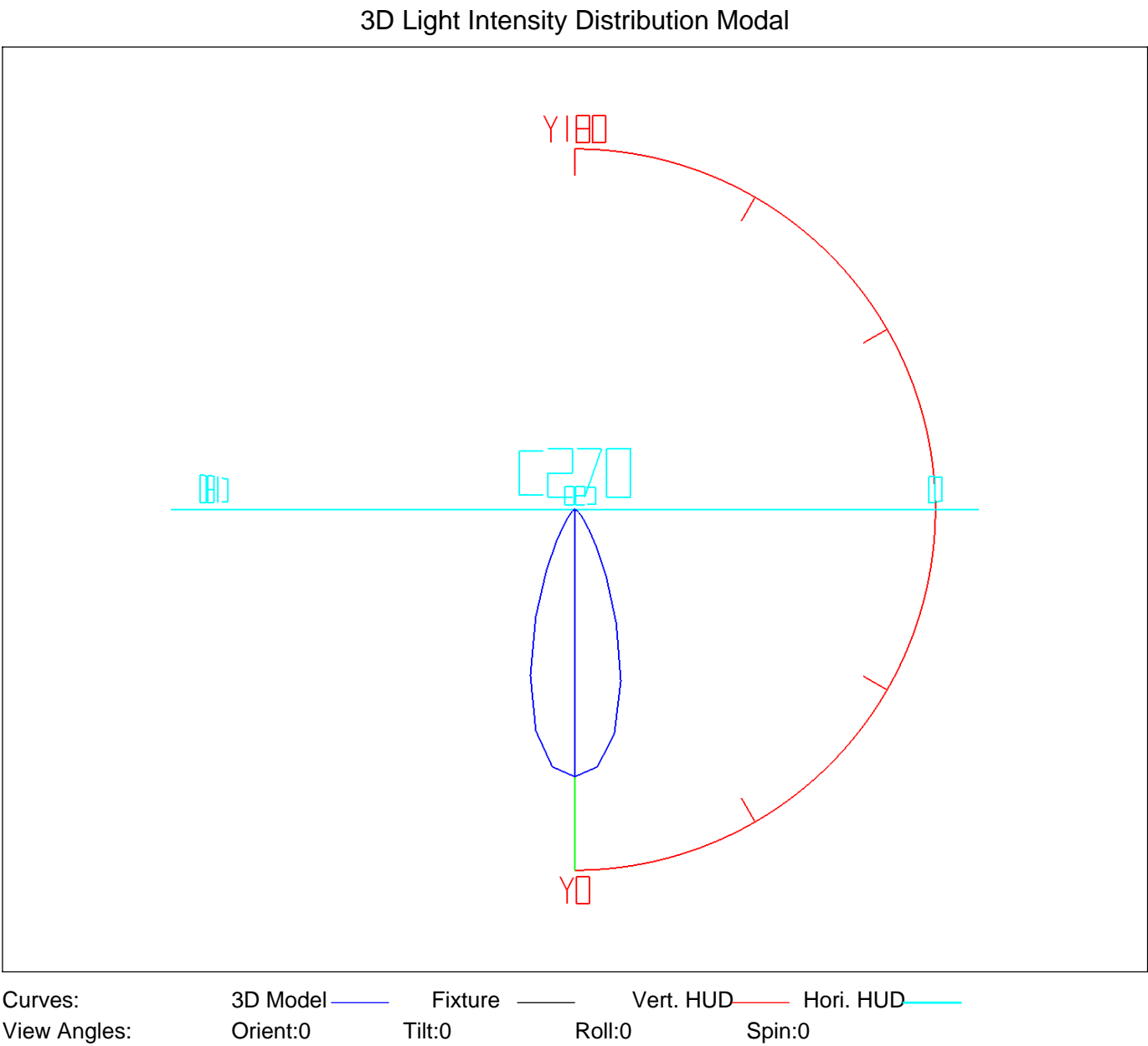
Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm):	1353.000	Luminary Flux(lm):	1432.836
Rated Power(W):		Luminary Efficiency:	105.90%
Rated Voltage(V):		Luminary EER(lm/W):	83.939
Tested Power(W):	17.070	Max. Candela(cd):	2884.493
Lamps' Inside:	1	Max Cand@Ang. (°):	C=0.0 γ=0.0
Tested Electrics (V, A, pf):	240.1, 0.080, 0.887	Beam Angle(50%Imax):	37.2(°)
Lamp Size(W*L*H):	0.000m*0.000m*0.000m	Left=-18.3°, Right=18.9°	IRF(%):
			429.298
		Field Angle(10%Imax):	67.5(°)
		Down Lumens&Percent:	1424.766lm 99.44%
		Up Lumens&Percent:	8.069lm 0.56%
		S/MH:	C0_a180=0.611 C90_270=0.605
		CIE Type:	Semi-Direct
		ErP ϕ use(90°):	1331.524lm



2D Plane Light Intensity Distribution Curve



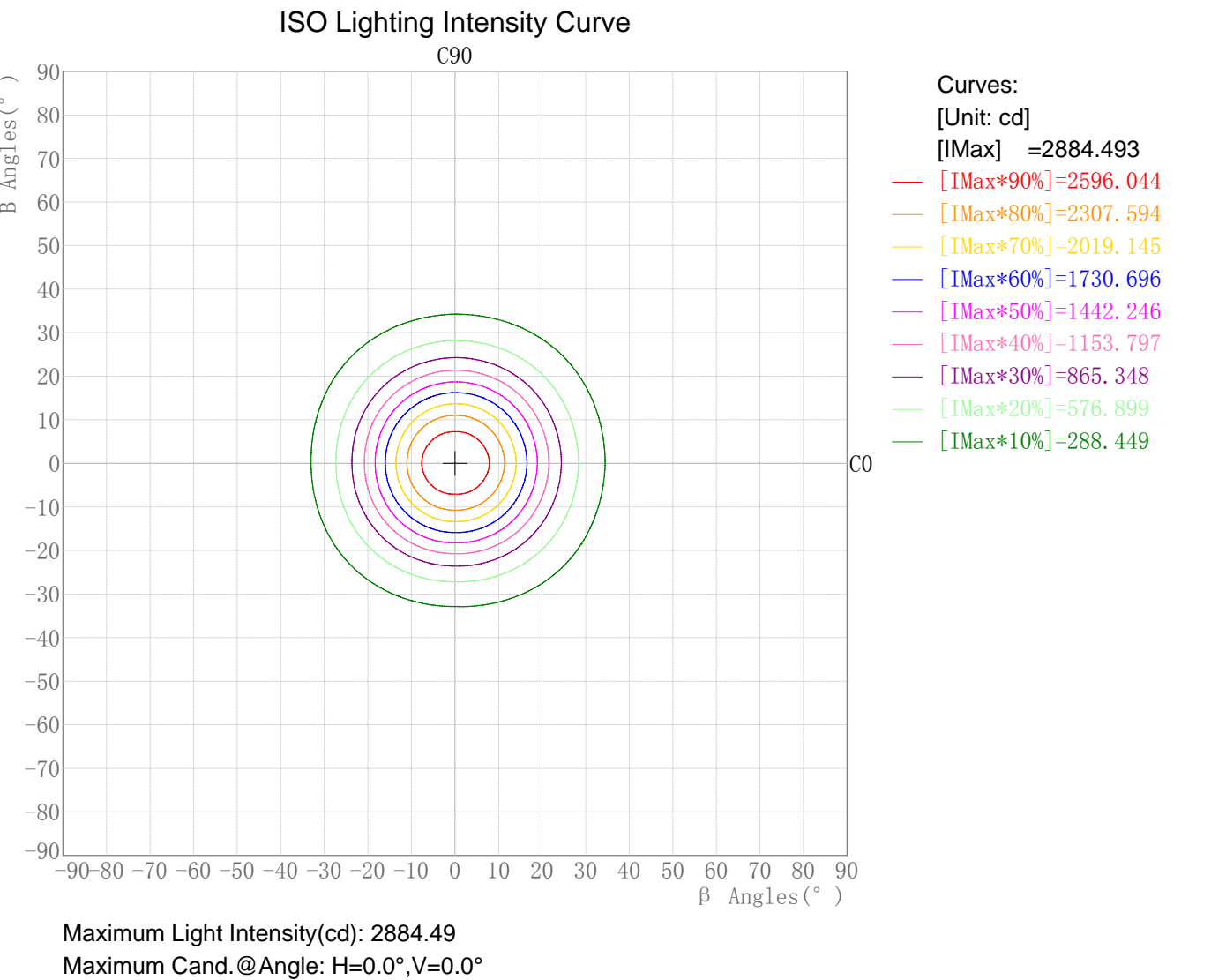
3D Light Intensity Distribution Modal



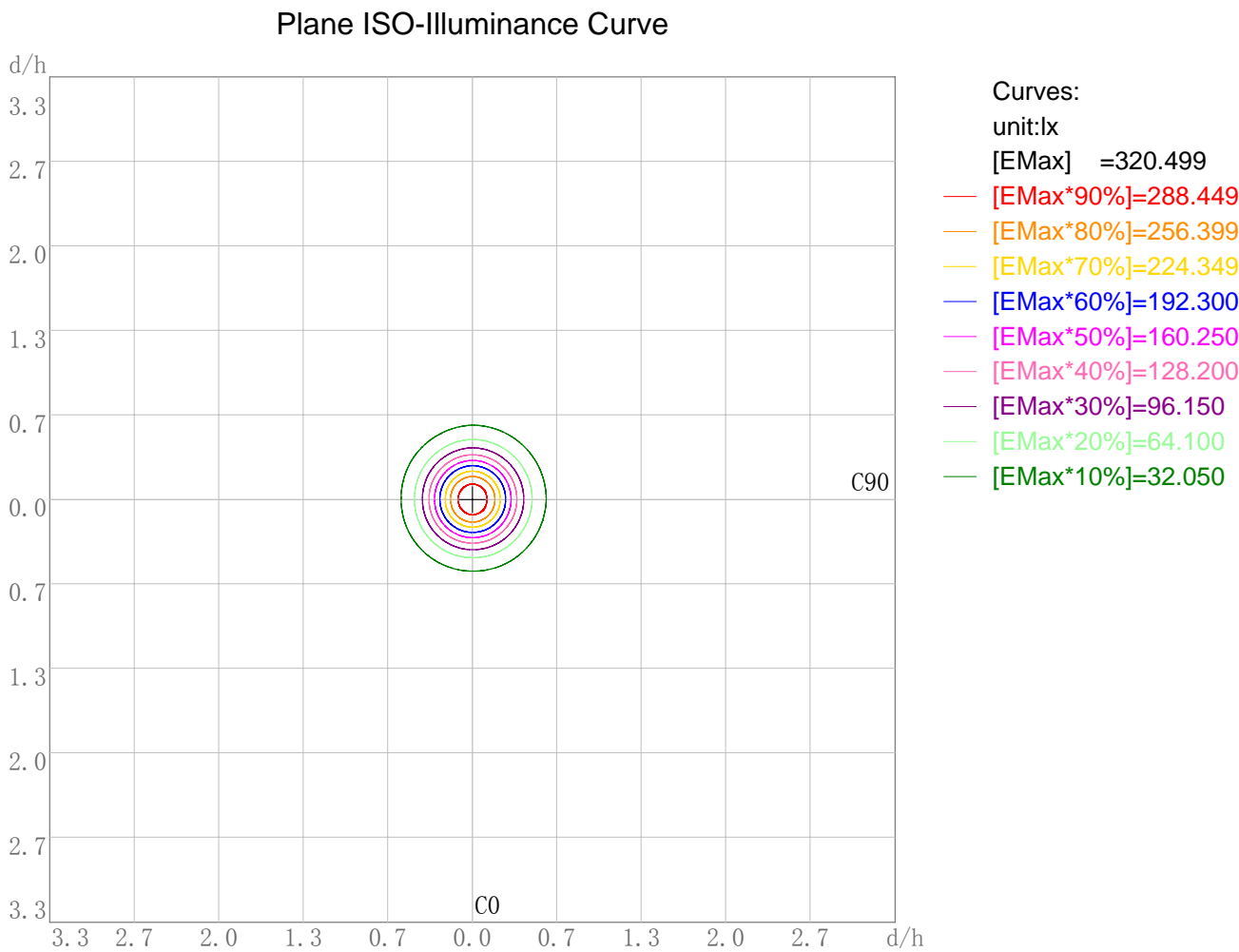
Zonal Flux Tabulation

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-5.0	67.53	67.53	4.99	4.99
5.0-10.0	185.60	253.13	13.72	18.71
10.0-15.0	254.75	507.88	18.83	37.54
15.0-20.0	258.50	766.38	19.11	56.64
20.0-25.0	212.76	979.13	15.72	72.37
25.0-30.0	150.66	1129.79	11.14	83.50
30.0-35.0	98.10	1227.90	7.25	90.75
35.0-40.0	62.86	1290.76	4.65	95.40
40.0-45.0	41.81	1332.57	3.09	98.49
45.0-50.0	29.44	1362.01	2.18	100.67
50.0-55.0	21.36	1383.37	1.58	102.24
55.0-60.0	15.46	1398.82	1.14	103.39
60.0-65.0	10.74	1409.56	0.79	104.18
65.0-70.0	6.91	1416.47	0.51	104.69
70.0-75.0	4.08	1420.55	0.30	104.99
75.0-80.0	2.28	1422.84	0.17	105.16
80.0-85.0	1.29	1424.13	0.10	105.26
85.0-90.0	0.64	1424.77	0.05	105.30
90.0-95.0	0.18	1424.95	0.01	105.32
95.0-100.0	0.03	1424.98	0.00	105.32
100.0-105.0	0.00	1424.98	0.00	105.32
105.0-110.0	0.00	1424.98	0.00	105.32
110.0-115.0	0.00	1424.98	0.00	105.32
115.0-120.0	0.00	1424.98	0.00	105.32
120.0-125.0	0.00	1424.98	0.00	105.32
125.0-130.0	0.05	1425.03	0.00	105.32
130.0-135.0	0.26	1425.29	0.02	105.34
135.0-140.0	0.60	1425.89	0.04	105.39
140.0-145.0	0.92	1426.82	0.07	105.46
145.0-150.0	1.15	1427.96	0.08	105.54
150.0-155.0	1.24	1429.21	0.09	105.63
155.0-160.0	1.19	1430.40	0.09	105.72
160.0-165.0	1.02	1431.42	0.08	105.80
165.0-170.0	0.77	1432.19	0.06	105.85
170.0-175.0	0.48	1432.67	0.04	105.89
175.0-180.0	0.16	1432.84	0.01	105.90

Rectangle ISO Lighting Intensity Diagram



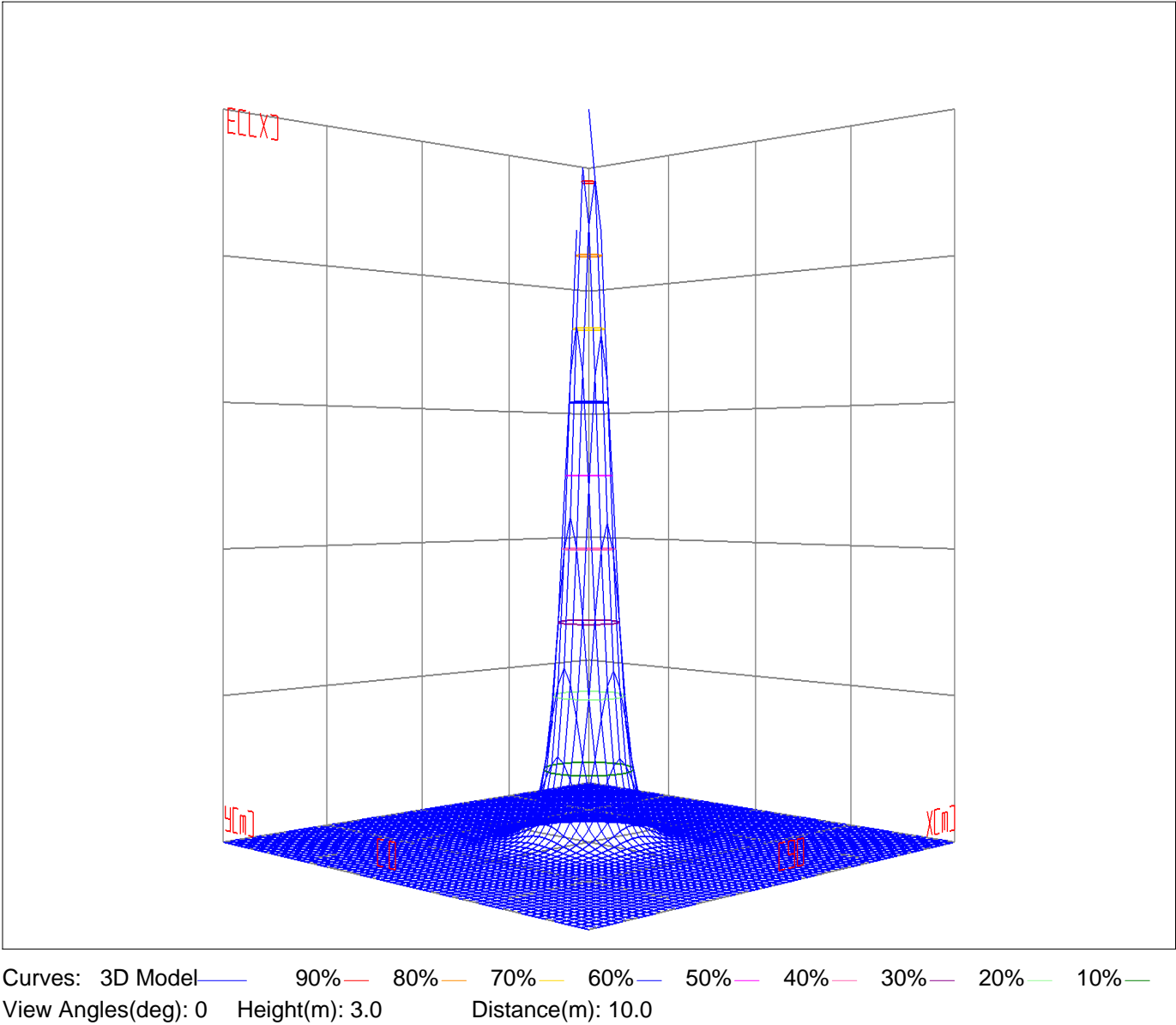
Plane ISO-Illuminance Diagram



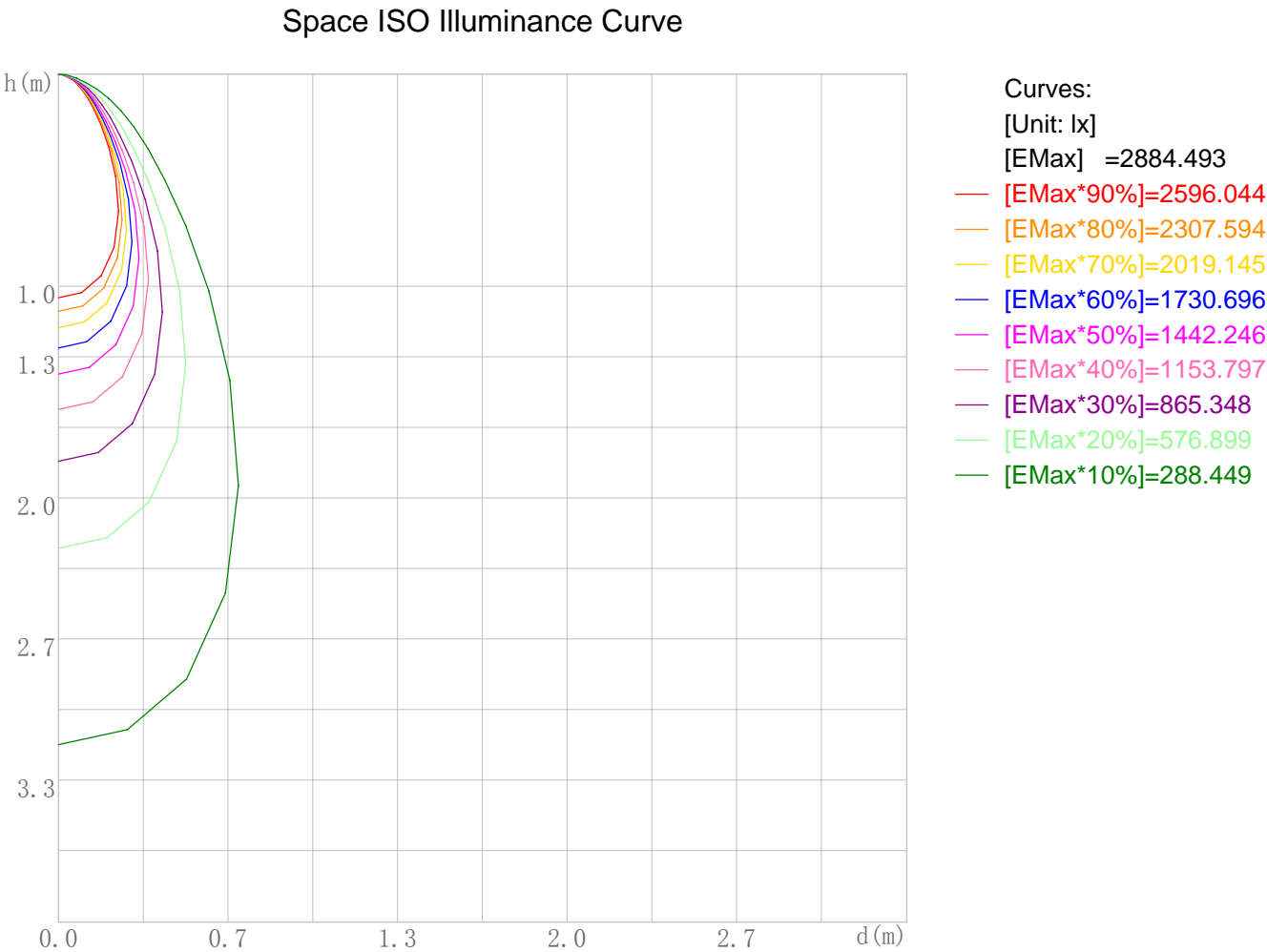
Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 320.50
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

3D Plane ISO Illuminance Diagram

3D Plane Illuminance Modal

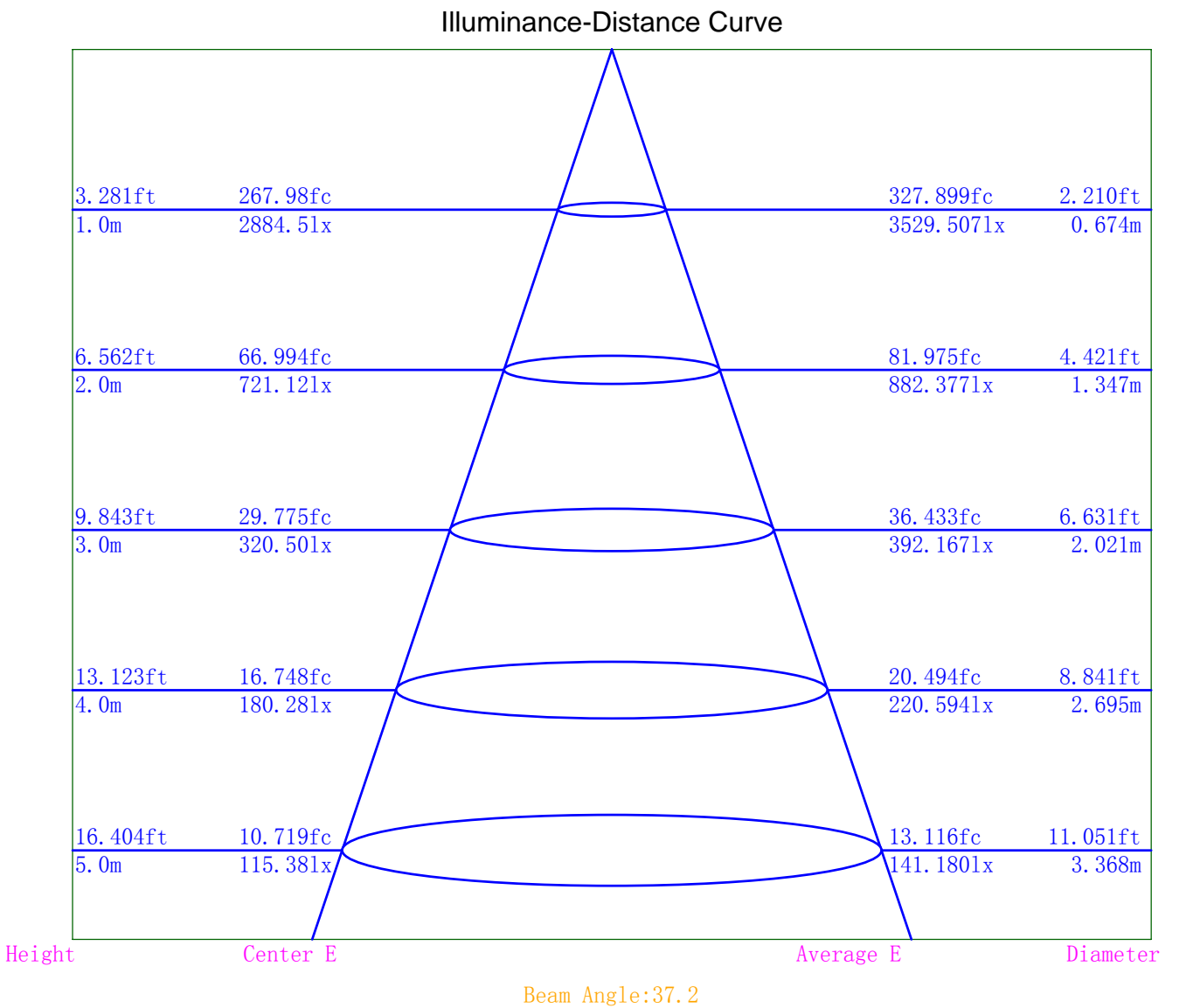


Space ISO Illuminance Diagram



Space Plane Maximum Illuminance and @Angle:2884.49lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:2884.493cd,0deg

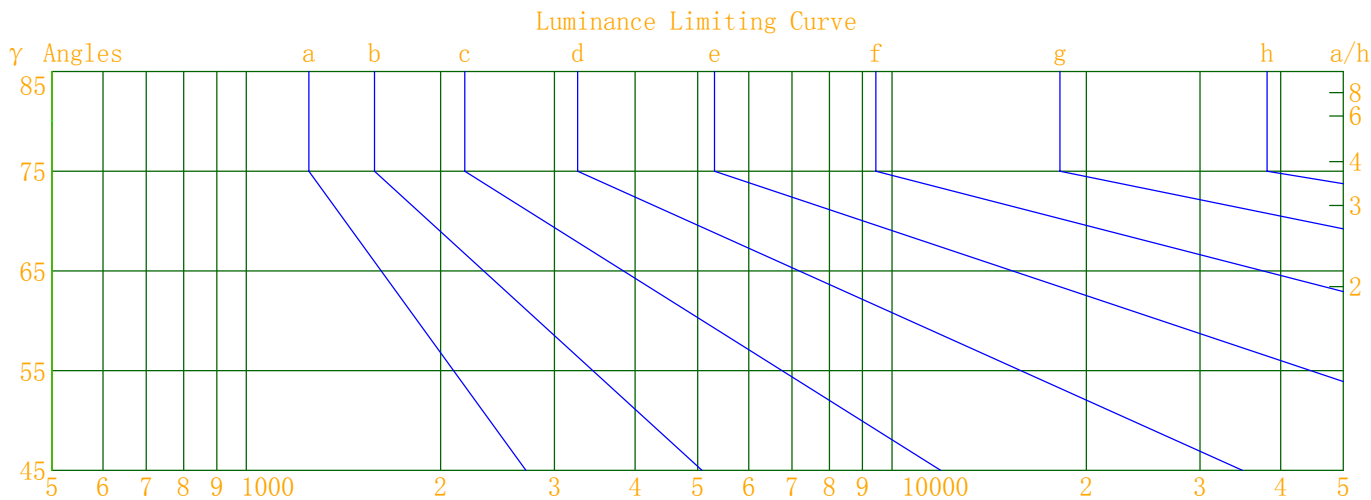
Illuminance-Distance Diagram



Indoor Luminance Limiting Curves

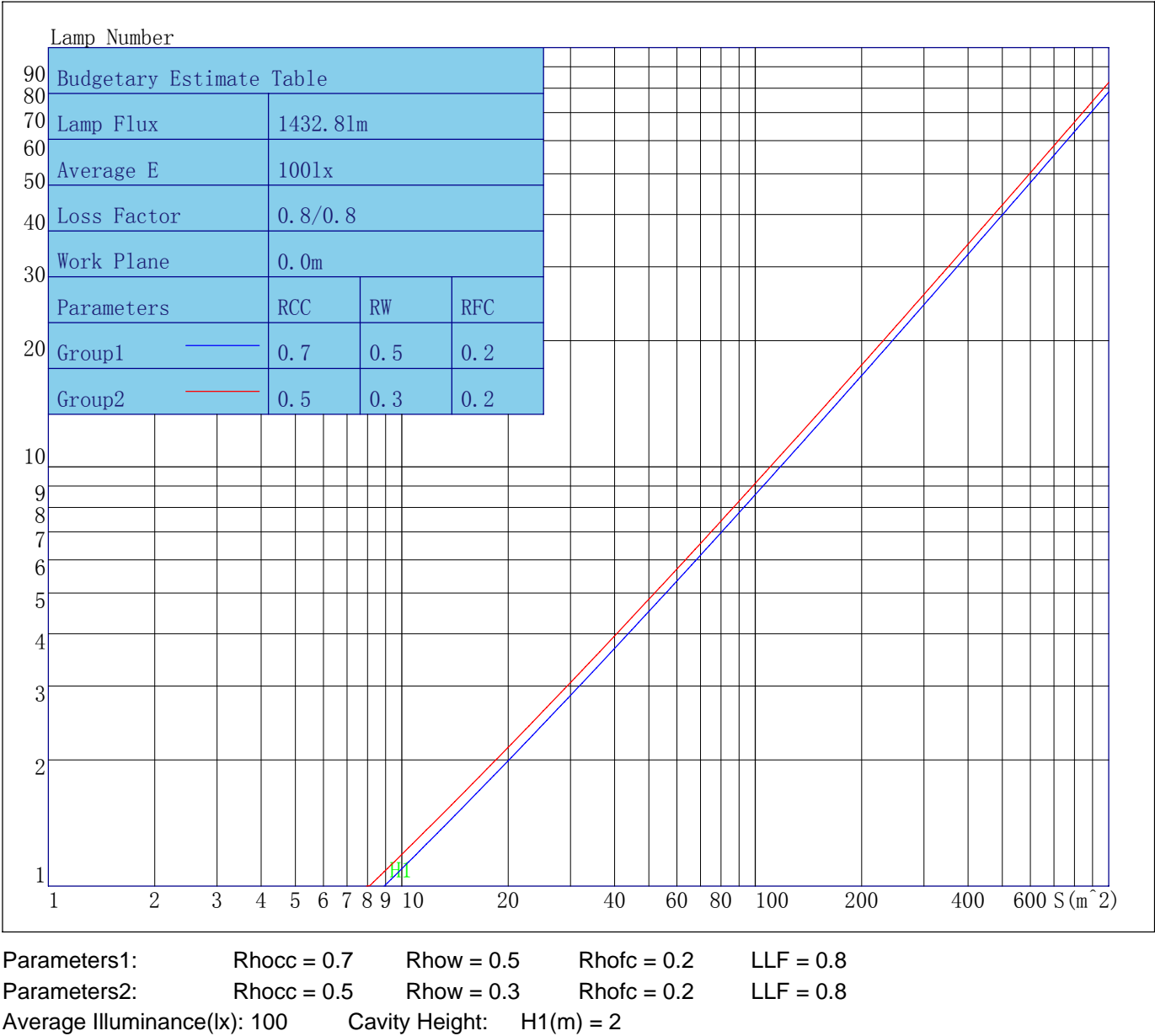
Glare Grade Table									
GI	Quality	Using Illuminance							
1. 15	A	2000	1000	500	<=300				
1. 5	B		2000	1000	500	<=300			
1. 85	C			2000	1000	500	<=300		
2. 2	D				2000	1000	500	<=300	
2. 55	E	a				2000	1000	500	<=300
			b	c	d	e	f	g	h

Luminance Table									
Gama (deg)	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0



Luminous Size: Length(m)=0.000 Width(m)=0.000 Height(m)=0.000 Area(m^2)=0.000000
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: C90-C270 Color:

Indoor Budgetary Estimate Table



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	112	112	112	108	108	108	105
1	120	117	115	113	118	115	113	111	111	109	107	107	105	104	103	102	101	99
2	115	110	106	102	112	108	104	101	104	101	99	101	99	97	98	96	95	93
3	109	103	98	94	107	102	97	93	99	95	92	96	93	90	94	91	89	87
4	105	97	92	87	103	96	91	87	94	89	86	91	88	85	89	86	84	82
5	100	92	86	82	98	91	85	81	89	84	81	87	83	80	85	82	79	78
6	96	87	81	77	94	86	81	77	84	80	76	83	79	76	82	78	75	74
7	92	83	77	73	90	82	76	72	81	76	72	79	75	72	78	74	71	70
8	88	79	73	69	87	78	73	69	77	72	68	76	71	68	75	71	68	66
9	84	75	69	66	83	75	69	65	74	69	65	73	68	65	72	68	65	63
10	81	72	66	63	80	71	66	62	71	66	62	70	65	62	69	65	62	61

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	-0.0	1.1	0.4	1.4	1.8	-0.0	1.1	0.4	1.4	1.8
	-0.2	0.8	0.2	1.1	1.5	-0.2	0.8	0.2	1.1	1.5
	-0.3	0.6	0.1	1.0	1.4	-0.3	0.6	0.1	1.0	1.4
	-0.4	0.4	0.0	0.8	1.2	-0.4	0.4	0.0	0.8	1.2
	-0.5	0.3	-0.0	0.7	1.2	-0.5	0.3	-0.0	0.7	1.2
	-0.5	0.2	-0.1	0.6	1.1	-0.5	0.2	-0.1	0.6	1.1
X=4H Y=2H	-0.3	0.6	0.1	1.0	1.4	-0.3	0.6	0.1	1.0	1.4
	-0.5	0.3	-0.1	0.7	1.1	-0.5	0.3	-0.1	0.7	1.1
	-0.6	0.1	-0.2	0.5	1.0	-0.6	0.1	-0.2	0.5	1.0
	-0.8	-0.1	-0.3	0.3	0.8	-0.8	-0.1	-0.3	0.3	0.8
	-0.8	-0.2	-0.3	0.2	0.7	-0.8	-0.2	-0.3	0.2	0.7
	-0.9	-0.4	-0.4	0.1	0.6	-0.9	-0.4	-0.4	0.1	0.6
X=8H Y=4H	-0.8	-0.2	-0.3	0.2	0.7	-0.8	-0.2	-0.3	0.2	0.7
	-1.0	-0.5	-0.4	0.0	0.6	-1.0	-0.5	-0.4	0.0	0.6
	-1.0	-0.6	-0.5	-0.1	0.5	-1.0	-0.6	-0.5	-0.1	0.5
	-1.1	-0.7	-0.6	-0.2	0.4	-1.1	-0.7	-0.6	-0.2	0.4
X=12H Y=4H	-0.9	-0.4	-0.4	0.1	0.6	-0.9	-0.4	-0.4	0.1	0.6
	-1.0	-0.6	-0.5	-0.1	0.5	-1.0	-0.6	-0.5	-0.1	0.5
	-1.1	-0.7	-0.6	-0.2	0.4	-1.1	-0.7	-0.6	-0.2	0.4
Variations with the objerver 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	0.0/0.0					0.0/0.0				
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 EQUIVALENT

Photometric Filename:KA17L36BC.IES

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	2884.49	2884.49	2884.49	2884.49
γ 5.0	2788.64	2741.82	2787.29	2739.75
γ 10.0	2459.06	2419.09	2425.82	2391.27
γ 15.0	1917.21	1875.24	1853.52	1836.89
γ 20.0	1310.64	1290.31	1233.52	1229.20
γ 25.0	807.66	792.57	728.28	721.93
γ 30.0	465.24	454.03	400.11	392.18
γ 35.0	267.38	258.96	215.83	211.10
γ 40.0	158.68	153.50	121.90	119.72
γ 45.0	101.27	98.06	75.75	74.41
γ 50.0	66.82	65.40	50.82	50.28
γ 55.0	45.15	43.76	35.55	35.13
γ 60.0	30.01	28.50	24.62	24.74
γ 65.0	18.84	17.28	16.29	16.45
γ 70.0	10.74	9.53	9.66	10.31
γ 75.0	6.06	4.89	5.30	5.99
γ 80.0	3.39	2.60	2.58	3.32
γ 85.0	2.18	1.46	1.43	2.03
γ 90.0	0.97	0.27	0.21	0.76
γ 95.0	0.29	0.00	0.00	0.15
γ 100.0	0.00	0.00	0.00	0.00
γ 105.0	0.00	0.00	0.00	0.00
γ 110.0	0.00	0.00	0.00	0.00
γ 115.0	0.00	0.00	0.00	0.00
γ 120.0	0.00	0.00	0.00	0.00
γ 125.0	0.00	0.00	0.00	0.00
γ 130.0	0.00	0.00	0.50	0.50
γ 135.0	0.76	0.64	1.45	1.33
γ 140.0	1.89	1.68	2.66	2.53
γ 145.0	3.04	2.91	3.85	3.56
γ 150.0	4.18	4.04	4.99	4.62
γ 155.0	5.13	4.95	5.92	5.41
γ 160.0	5.85	5.61	6.59	5.99
γ 165.0	6.29	6.12	6.84	6.32
γ 170.0	6.54	6.42	6.97	6.47
γ 175.0	6.76	6.70	7.14	6.63
γ 180.0	6.96	6.96	6.96	6.96