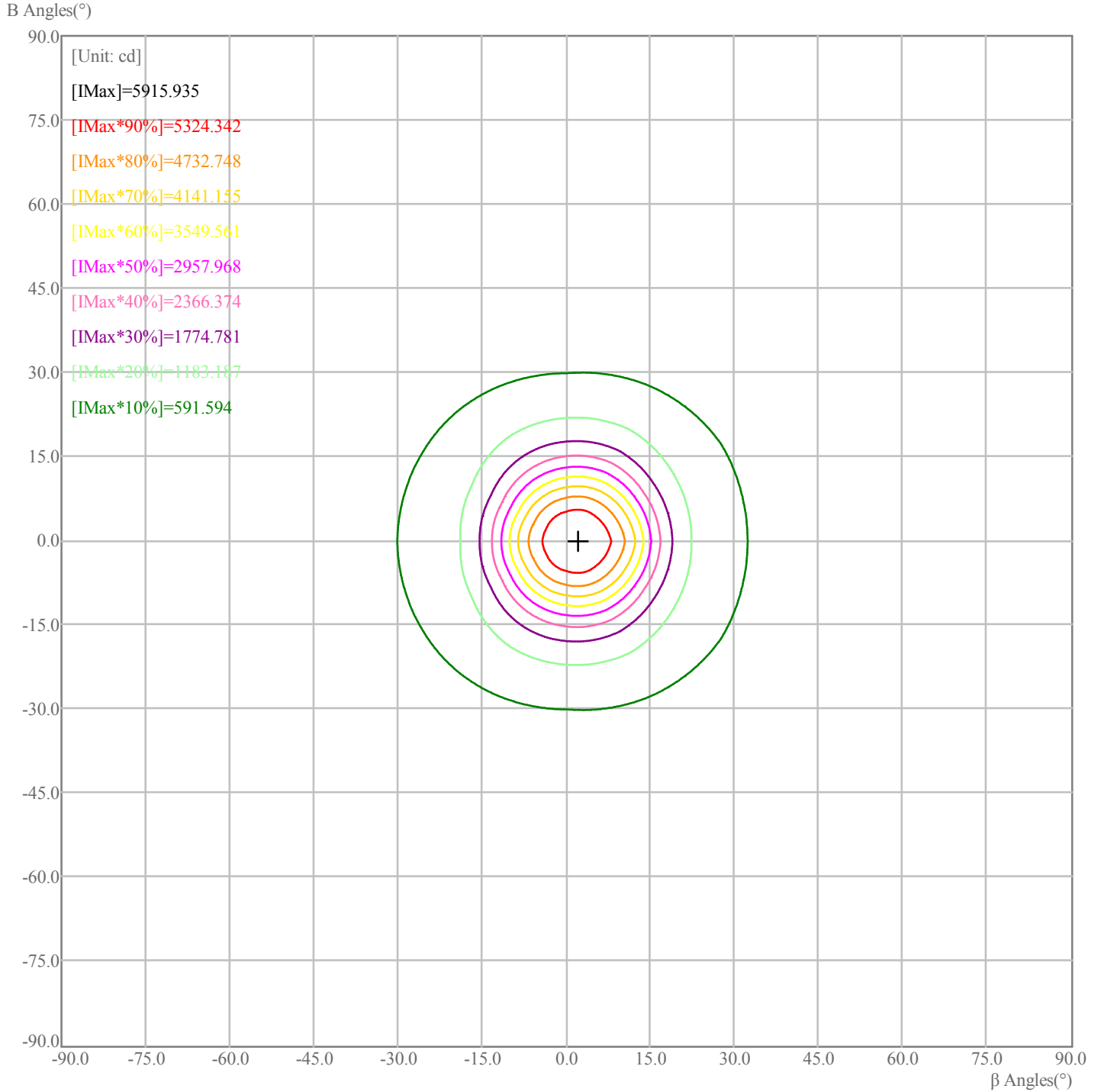


Zonal Liumens Tabulation - (Cont.)

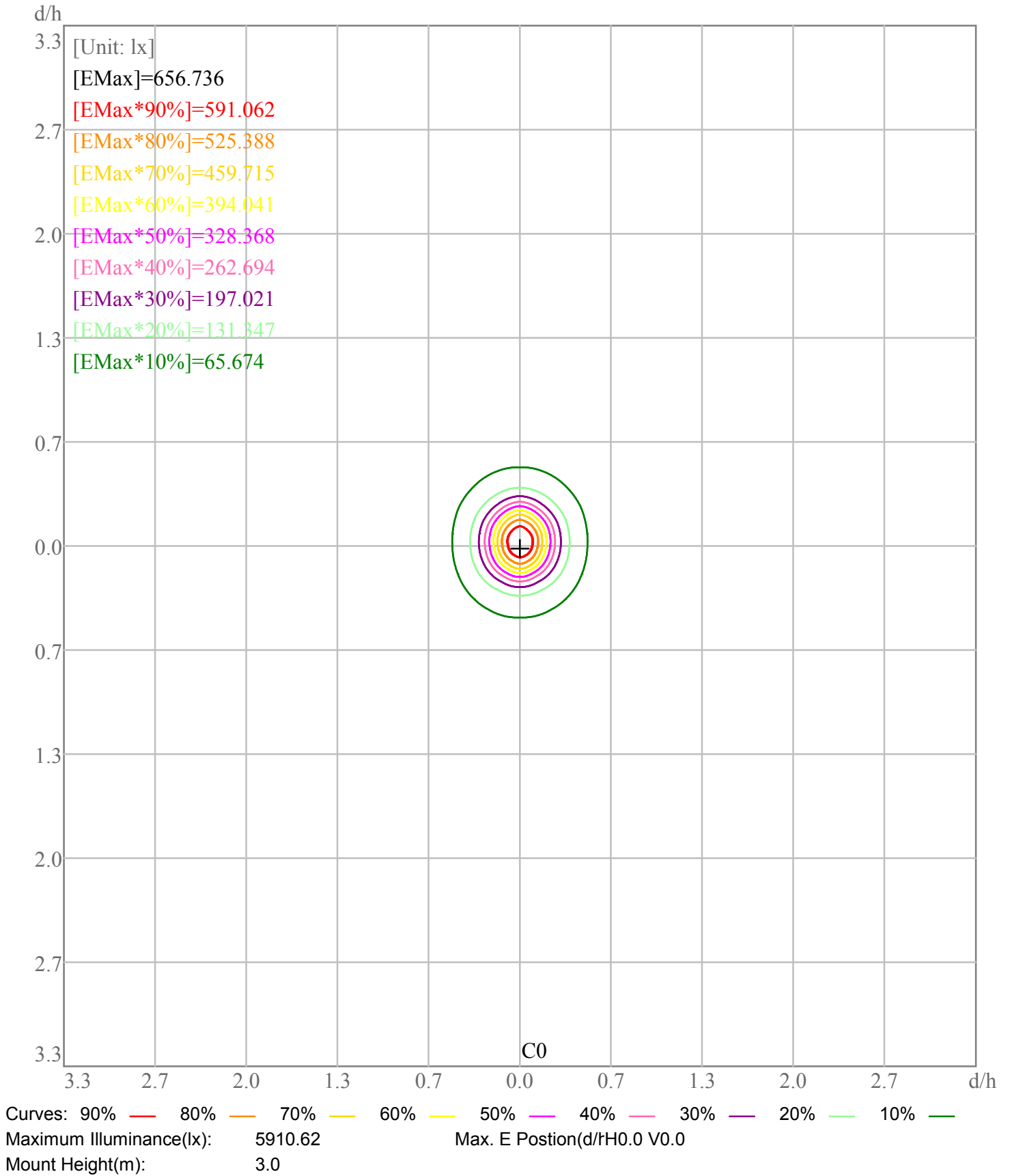
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.01	0.01	0.00	0.00	141.0-142.0	0.00	0.00	0.00	0.00
95.0-96.0	0.00	0.01	0.00	0.00	142.0-143.0	0.01	0.01	0.00	0.00
96.0-97.0	0.01	0.02	0.00	0.00	143.0-144.0	0.01	0.02	0.00	0.00
97.0-98.0	0.01	0.03	0.00	0.00	144.0-145.0	0.01	0.02	0.00	0.00
98.0-99.0	0.00	0.04	0.00	0.00	145.0-146.0	0.01	0.04	0.00	0.00
99.0-100.0	0.00	0.04	0.00	0.00	146.0-147.0	0.01	0.04	0.00	0.00
100.0-101.0	0.00	0.04	0.00	0.00	147.0-148.0	0.00	0.05	0.00	0.00
101.0-102.0	0.00	0.05	0.00	0.00	148.0-149.0	0.01	0.06	0.00	0.00
102.0-103.0	0.00	0.05	0.00	0.00	149.0-150.0	0.00	0.06	0.00	0.00
103.0-104.0	0.00	0.05	0.00	0.00	150.0-151.0	0.01	0.07	0.00	0.00
104.0-105.0	0.01	0.06	0.00	0.00	151.0-152.0	0.01	0.08	0.00	0.00
105.0-106.0	0.01	0.07	0.00	0.00	152.0-153.0	0.00	0.08	0.00	0.00
106.0-107.0	0.00	0.07	0.00	0.00	153.0-154.0	0.01	0.09	0.00	0.00
107.0-108.0	0.01	0.08	0.00	0.00	154.0-155.0	0.01	0.11	0.00	0.00
108.0-109.0	0.01	0.08	0.00	0.00	155.0-156.0	0.00	0.11	0.00	0.00
109.0-110.0	0.00	0.08	0.00	0.00	156.0-157.0	0.01	0.12	0.00	0.01
110.0-111.0	0.00	0.09	0.00	0.00	157.0-158.0	0.01	0.13	0.00	0.01
111.0-112.0	0.01	0.09	0.00	0.00	158.0-159.0	0.01	0.14	0.00	0.01
112.0-113.0	0.01	0.10	0.00	0.00	159.0-160.0	0.02	0.16	0.00	0.01
113.0-114.0	0.00	0.10	0.00	0.00	160.0-161.0	0.01	0.17	0.00	0.01
114.0-115.0	0.00	0.11	0.00	0.00	161.0-162.0	0.01	0.18	0.00	0.01
115.0-116.0	0.00	0.11	0.00	0.00	162.0-163.0	0.01	0.19	0.00	0.01
116.0-117.0	0.01	0.12	0.00	0.01	163.0-164.0	0.00	0.19	0.00	0.01
117.0-118.0	0.00	0.12	0.00	0.01	164.0-165.0	0.01	0.20	0.00	0.01
118.0-119.0	0.00	0.13	0.00	0.01	165.0-166.0	0.01	0.20	0.00	0.01
119.0-120.0	0.01	0.13	0.00	0.01	166.0-167.0	0.00	0.21	0.00	0.01
120.0-121.0	0.01	0.14	0.00	0.01	167.0-168.0	0.01	0.21	0.00	0.01
121.0-122.0	0.01	0.15	0.00	0.01	168.0-169.0	0.01	0.22	0.00	0.01
122.0-123.0	0.01	0.16	0.00	0.01	169.0-170.0	0.01	0.23	0.00	0.01
123.0-124.0	0.01	0.16	0.00	0.01	170.0-171.0	0.01	0.23	0.00	0.01
124.0-125.0	0.00	0.16	0.00	0.01	171.0-172.0	0.00	0.24	0.00	0.01
125.0-126.0	0.00	0.17	0.00	0.01	172.0-173.0	0.00	0.24	0.00	0.01
126.0-127.0	0.00	0.17	0.00	0.01	173.0-174.0	0.00	0.25	0.00	0.01
127.0-128.0	0.00	0.17	0.00	0.01	174.0-175.0	0.00	0.25	0.00	0.01
128.0-129.0	0.00	0.17	0.00	0.01	175.0-176.0	0.00	0.26	0.00	0.01
129.0-130.0	0.00	0.18	0.00	0.01	176.0-177.0	0.00	0.26	0.00	0.01
130.0-131.0	0.00	0.18	0.00	0.01	177.0-178.0	0.00	0.26	0.00	0.01
131.0-132.0	0.01	0.19	0.00	0.01	178.0-179.0	0.00	0.26	0.00	0.01
132.0-133.0	0.01	0.20	0.00	0.01	179.0-180.0	0.00	0.26	0.00	0.01
133.0-134.0	0.01	0.21	0.00	0.01					
134.0-135.0	0.01	0.22	0.00	0.01					
135.0-136.0	0.01	0.22	0.00	0.01					
136.0-137.0	0.00	0.23	0.00	0.01					
137.0-138.0	0.00	0.23	0.00	0.01					
138.0-139.0	0.00	0.23	0.00	0.01					
139.0-140.0	0.01	0.24	0.00	0.01					
140.0-141.0	0.01	0.24	0.00	0.01					

Rectangle ISO Light Intensity Curve

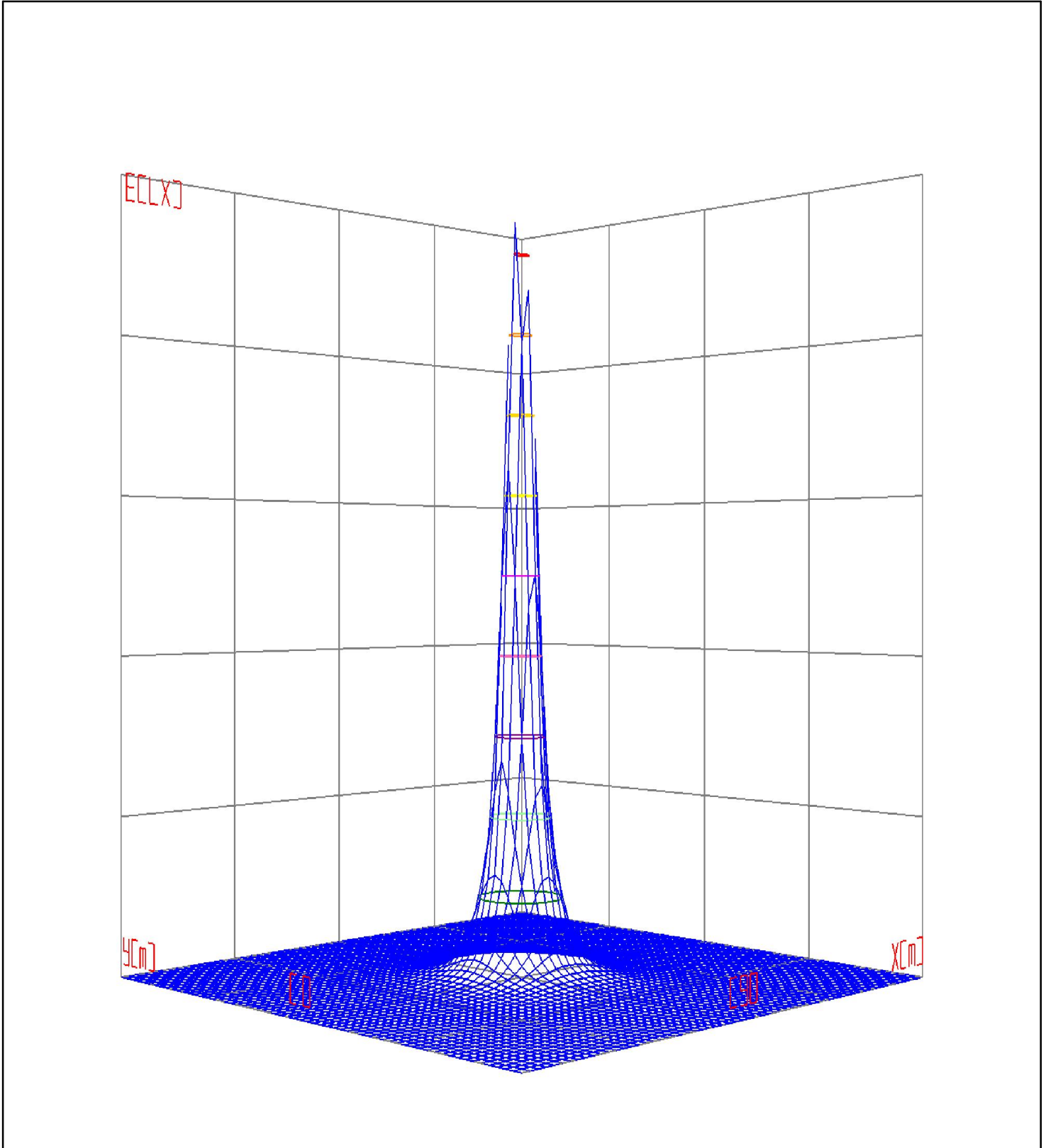


Curves: 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
Maximum Light Intensity(cd): 5915.94 Maximum Cd. Angles: H2.0 V0.0

Plane ISO-Illuminance Curve

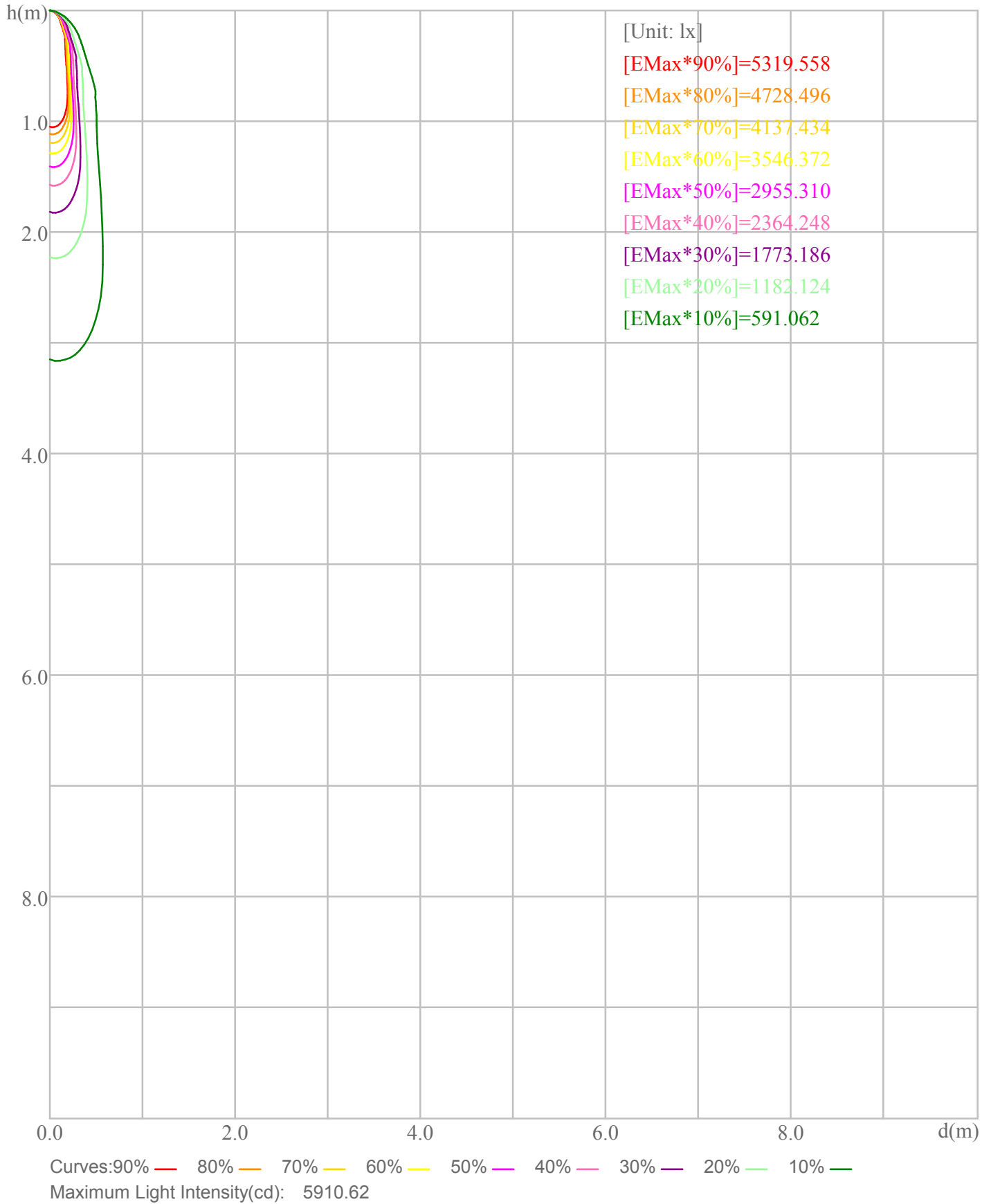


3D Plane ISO Illuminance Curve

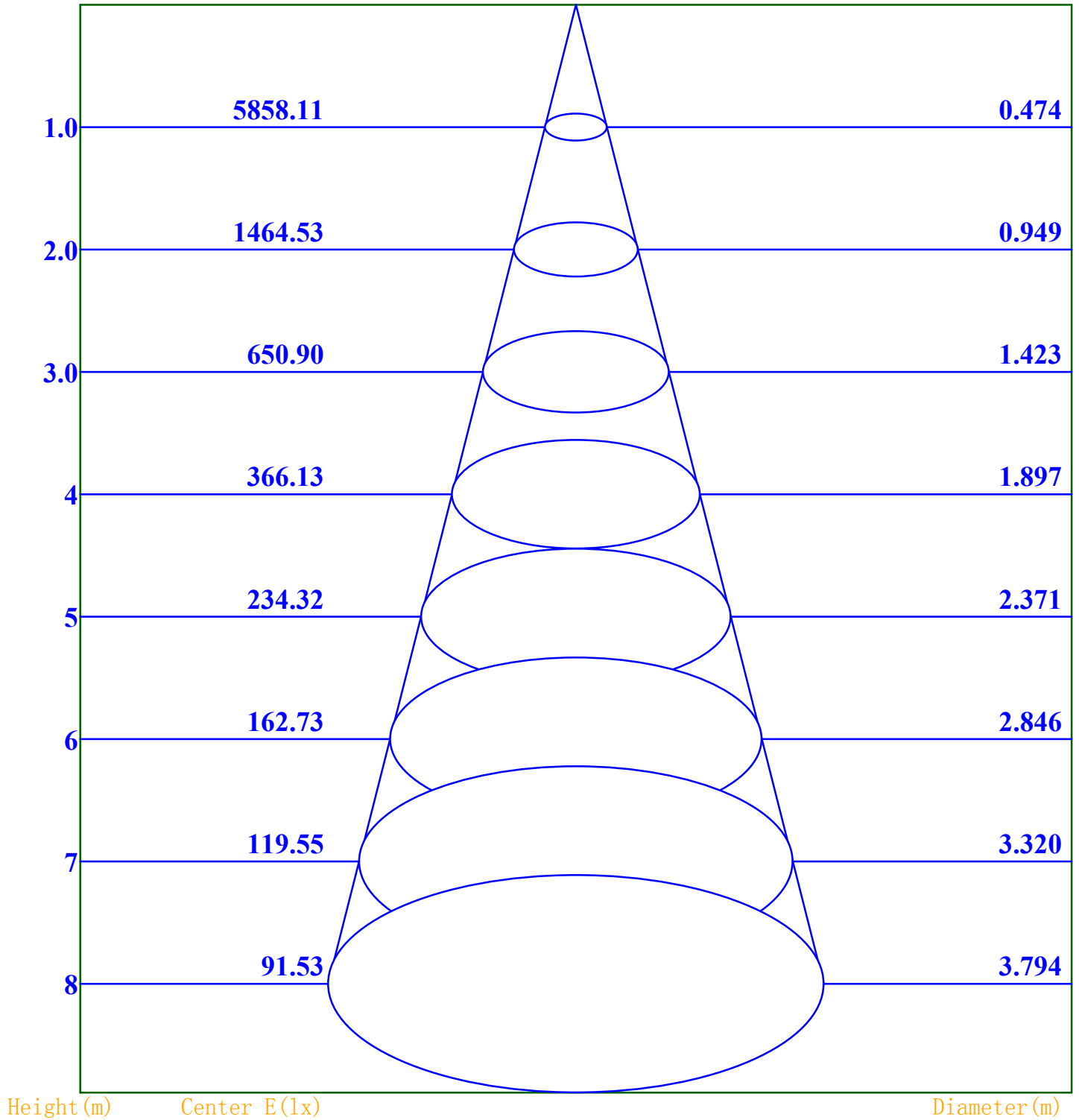


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Curve



Illuminance-Distance Curve



Beam Angle:26.7

Indoor Luminance Limiting Curve

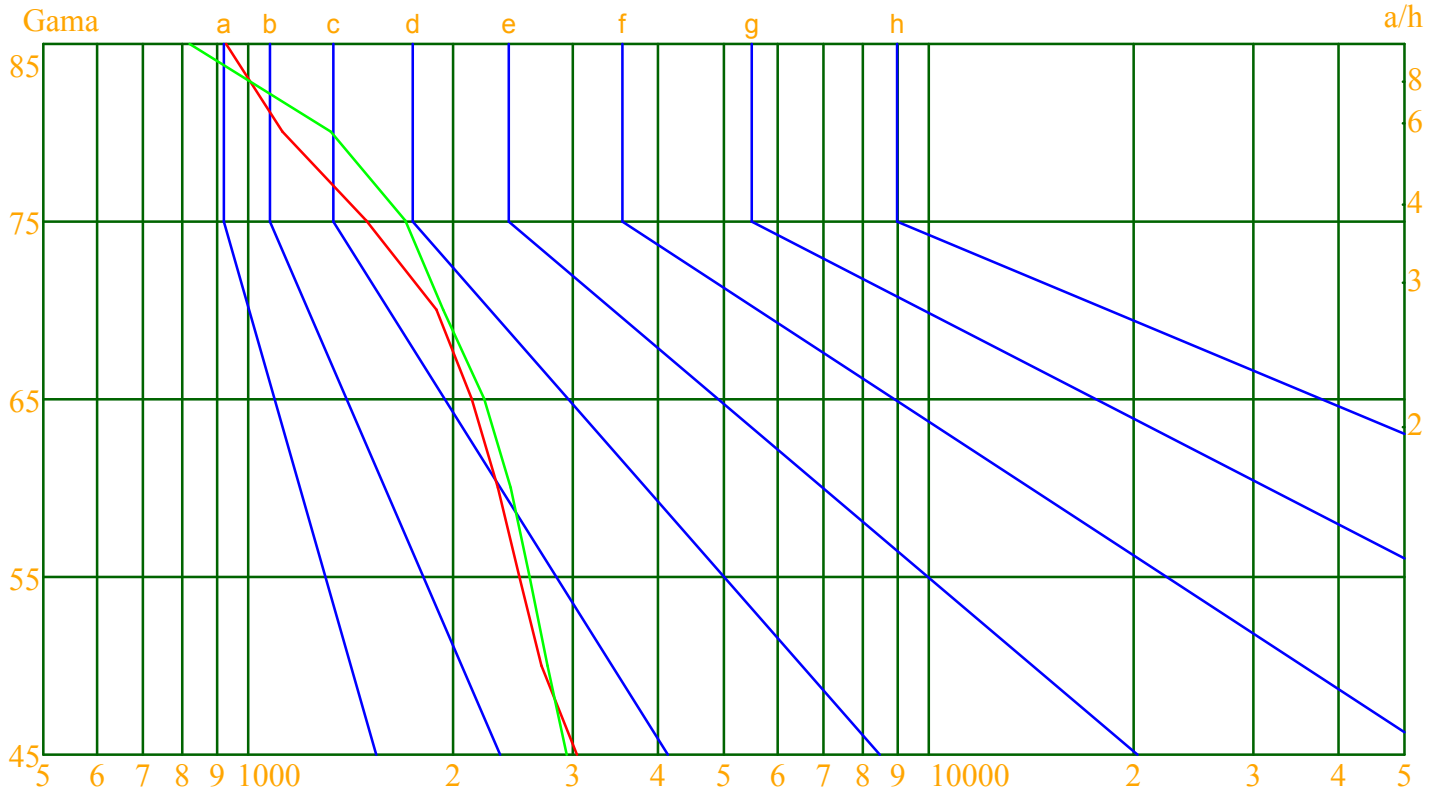
Glare Grade Table

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					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Table

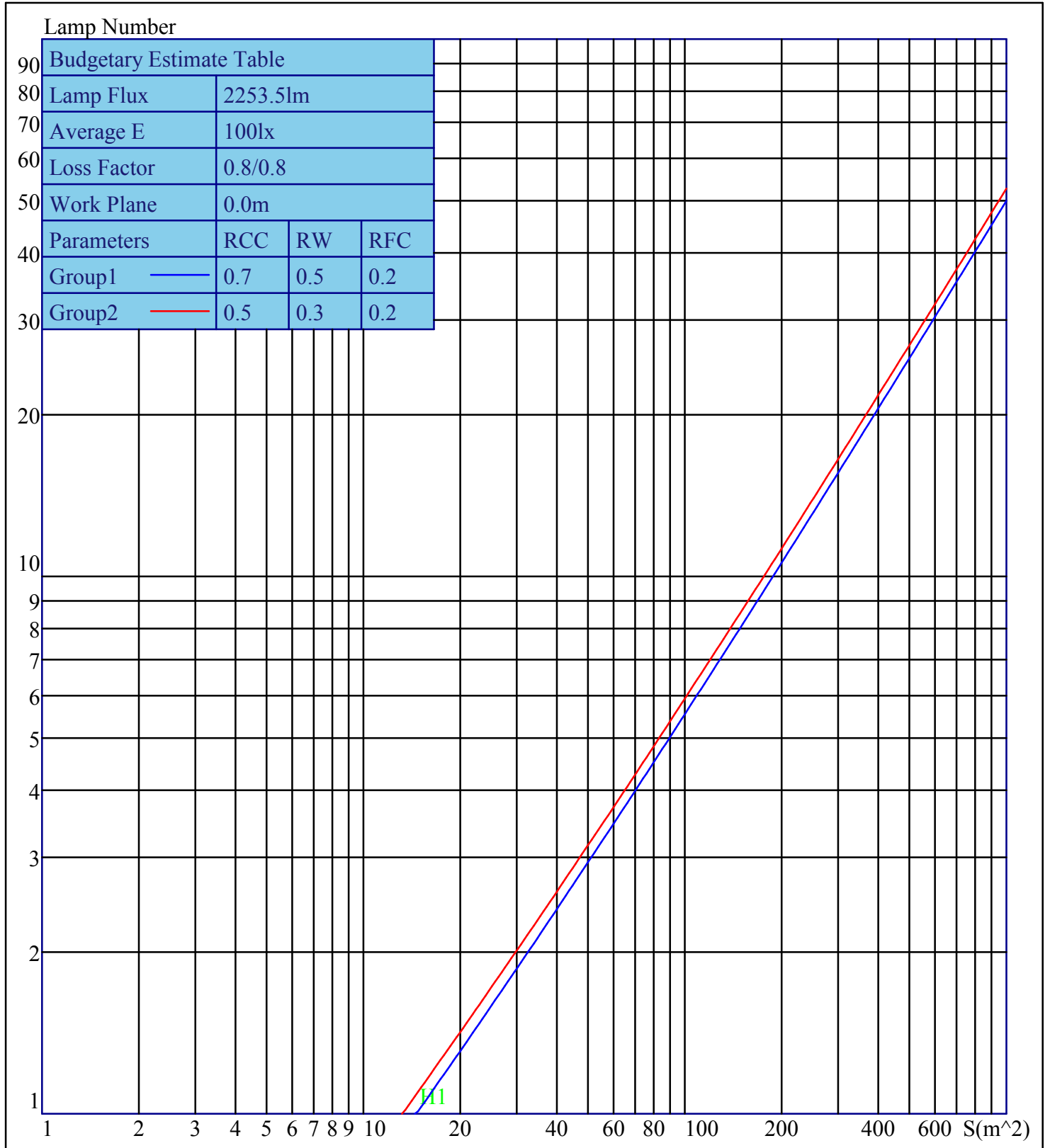
Gama(deg)	45	50	55	60	65	70	75	80	85
C0	7499	6261	5597	5022	4399	3679	2575	1682	1265
C90	7118	6461	5900	5358	4685	3804	3138	2150	1051

Luminance Limiting Curve



Luminous Size: Length(m)=0.960 Width(m)=0.045 Height(m)=0.000 Area(m^2)=0.043200
 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																		
Coefficient 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	75	75	75	75	73	73	73	73	70	70	70	67	67	67	64	64	64	63
1	71	69	67	66	69	68	66	65	65	64	63	63	62	61	61	60	59	58
2	67	64	61	59	66	63	60	58	61	59	57	59	57	56	57	56	55	54
3	64	60	56	54	62	59	56	53	57	54	52	55	53	52	54	52	51	50
4	61	56	52	49	59	55	52	49	54	51	49	52	50	48	51	49	47	46
5	58	52	49	46	57	52	48	46	51	48	45	50	47	45	49	46	45	44
6	55	49	46	43	54	49	46	43	48	45	43	47	44	42	46	44	42	41
7	53	47	43	41	52	47	43	41	46	43	40	45	42	40	44	42	40	39
8	50	45	41	39	50	44	41	38	44	41	38	43	40	38	42	40	38	37
9	48	43	39	37	48	42	39	37	42	39	36	41	38	36	41	38	36	35
10	47	41	37	35	46	41	37	35	40	37	35	40	37	35	39	37	35	34

Unified Glare Rating

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	19.2	21.5	20.0	22.1	22.7	19.4	21.7	20.1	22.3	22.9
	Y=3H	21.1	23.4	21.8	24.0	24.6	21.6	23.9	22.3	24.5	25.1
	Y=4H	22.2	24.2	22.9	24.8	25.4	22.7	24.7	23.4	25.3	25.9
	Y=6H	22.5	24.5	23.2	25.1	25.7	23.1	25.0	23.8	25.6	26.2
	Y=8H	22.5	24.5	23.3	25.1	25.7	23.1	25.0	23.8	25.6	26.2
	Y=12H	22.5	24.4	23.2	25.0	25.6	23.0	25.0	23.7	25.6	26.2
X=4H	Y=2H	19.7	21.7	20.4	22.3	22.9	19.8	21.8	20.5	22.4	22.9
	Y=3H	21.7	23.7	22.4	24.3	24.9	22.1	24.1	22.9	24.7	25.3
	Y=4H	20.9	22.0	21.8	22.9	23.6	21.3	22.5	22.3	23.3	24.1
	Y=6H	21.4	22.4	22.3	23.3	24.1	21.8	22.9	22.8	23.7	24.5
	Y=8H	21.4	22.5	22.4	23.3	24.1	21.9	22.9	22.8	23.8	24.5
	Y=12H	20.5	21.3	21.5	22.3	23.1	20.9	21.8	22.0	22.7	23.6
X=8H	Y=4H	20.8	21.9	21.7	22.7	23.5	21.2	22.3	22.2	23.2	23.9
	Y=6H	20.4	21.2	21.5	22.2	23.0	20.9	21.7	21.9	22.6	23.5
	Y=8H	20.0	20.6	21.1	21.7	22.6	20.5	21.1	21.6	22.1	23.0
	Y=12H	20.0	20.6	21.1	21.6	22.6	20.4	21.0	21.5	22.1	23.0
X=12H	Y=4H	19.8	20.7	20.9	21.6	22.5	20.3	21.1	21.3	22.1	22.9
	Y=6H	19.9	20.5	21.0	21.5	22.5	20.3	21.0	21.4	22.0	22.9
	Y=8H	20.0	20.6	21.1	21.6	22.5	20.4	21.0	21.5	22.0	23.0
Variations with the objerver position at spacings											
	S=1.0H	1.7/-2.4					2.3/-2.6				
	S=1.5H	-2.4/-22.7					-2.6/-23.2				
	S=2.0H	-2.4/-22.7					-2.6/-23.2				