

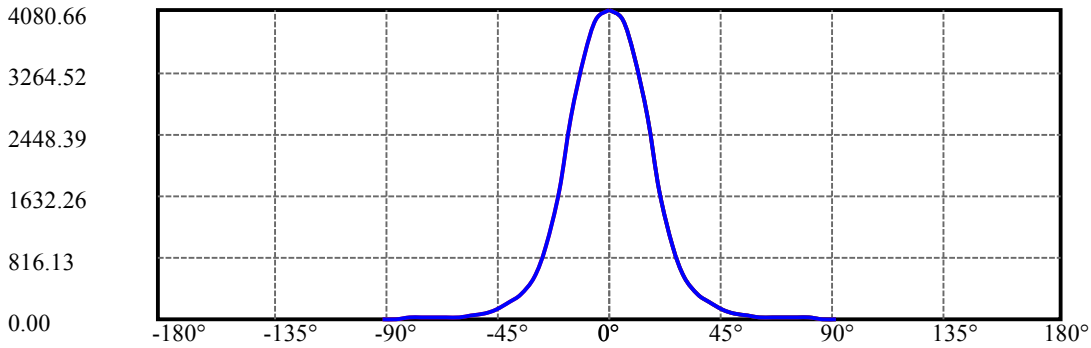
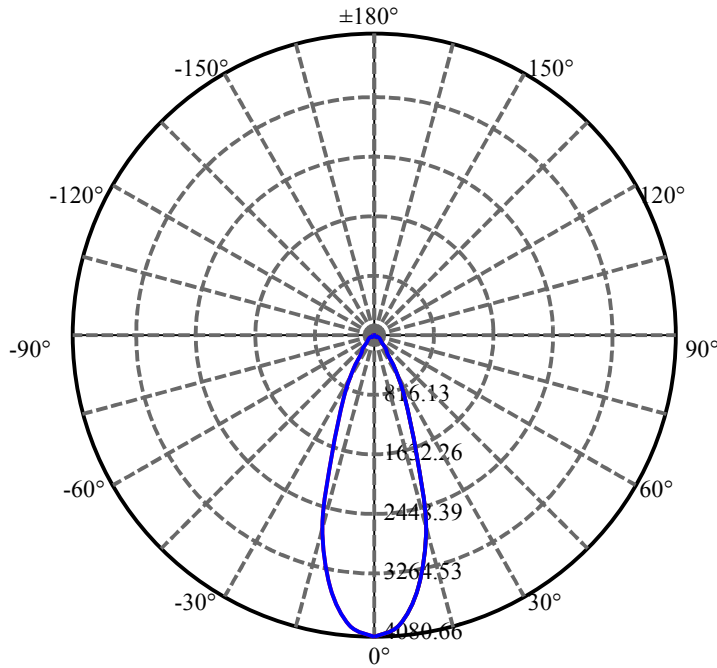
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	4080.656	24.403	24.403	.932%	1.236%
5.0	3948.961	188.655	213.058	7.203%	10.793%
10.0	3466.688	329.970	543.028	12.599%	27.509%
15.0	2673.000	379.214	922.242	14.479%	46.720%
20.0	1704.938	319.632	1241.874	12.204%	62.912%
25.0	954.499	221.112	1462.986	8.443%	74.113%
30.0	549.380	150.568	1613.554	5.749%	81.740%
35.0	327.537	102.977	1716.531	3.932%	86.957%
40.0	223.334	78.688	1795.22	3.005%	90.943%
45.0	138.016	53.494	1848.714	2.043%	93.653%
50.0	88.003	36.952	1885.666	1.411%	95.525%
55.0	55.280	24.821	1910.487	.948%	96.783%
60.0	36.471	17.313	1927.8	.661%	97.660%
65.0	24.877	12.358	1940.158	.472%	98.286%
70.0	20.187	10.398	1950.556	.397%	98.813%
75.0	16.439	8.704	1959.26	.332%	99.253%
80.0	13.106	7.075	1966.334	.270%	99.612%
85.0	9.949	5.433	1971.767	.207%	99.887%
90.0	8.135	2.230	1973.997	.085%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1613.55	61.61%	81.74%
0-40	1795.22	68.55%	90.94%
0-60	1927.80	73.61%	97.66%
0-90	1971.77	75.29%	99.89%
0-120	1971.77	75.29%	99.89%
0-180	1974.00	75.37%	100.00%
60-90	61.28	2.34%	3.10%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-28.86	1579.20	60.30%	80.00%

ZONAL LUMEN SUMMARY

0-10	543.03
10-20	698.85
20-30	371.68
30-40	181.67
40-50	90.45
50-60	42.13
60-70	22.76
70-80	15.78
80-90	5.43
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



C0(Max): —————

C0/C180: —————

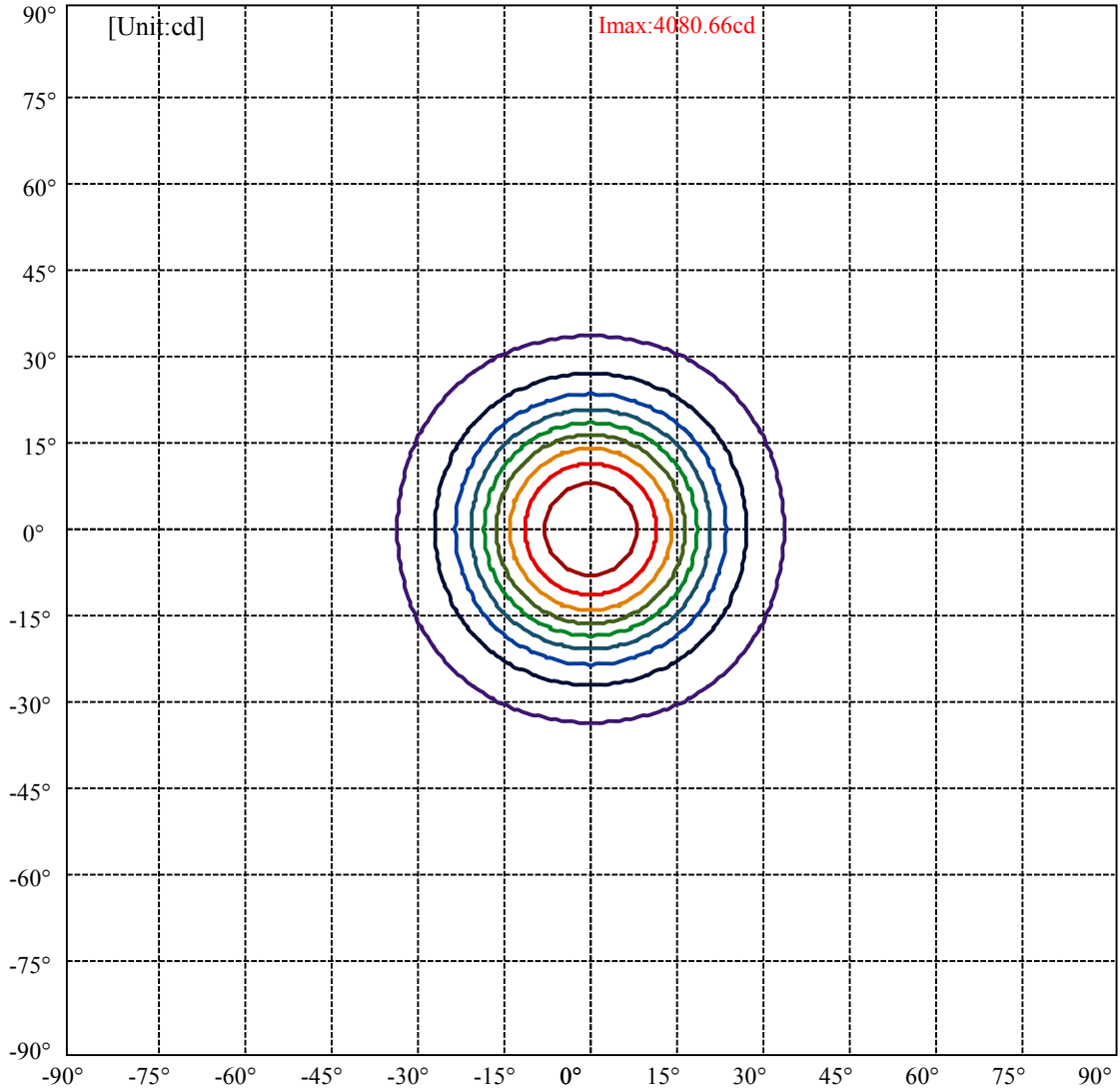
C90/C270: —————

Field angle(10%Imax):C0/180Left:33.2 Right:33.2

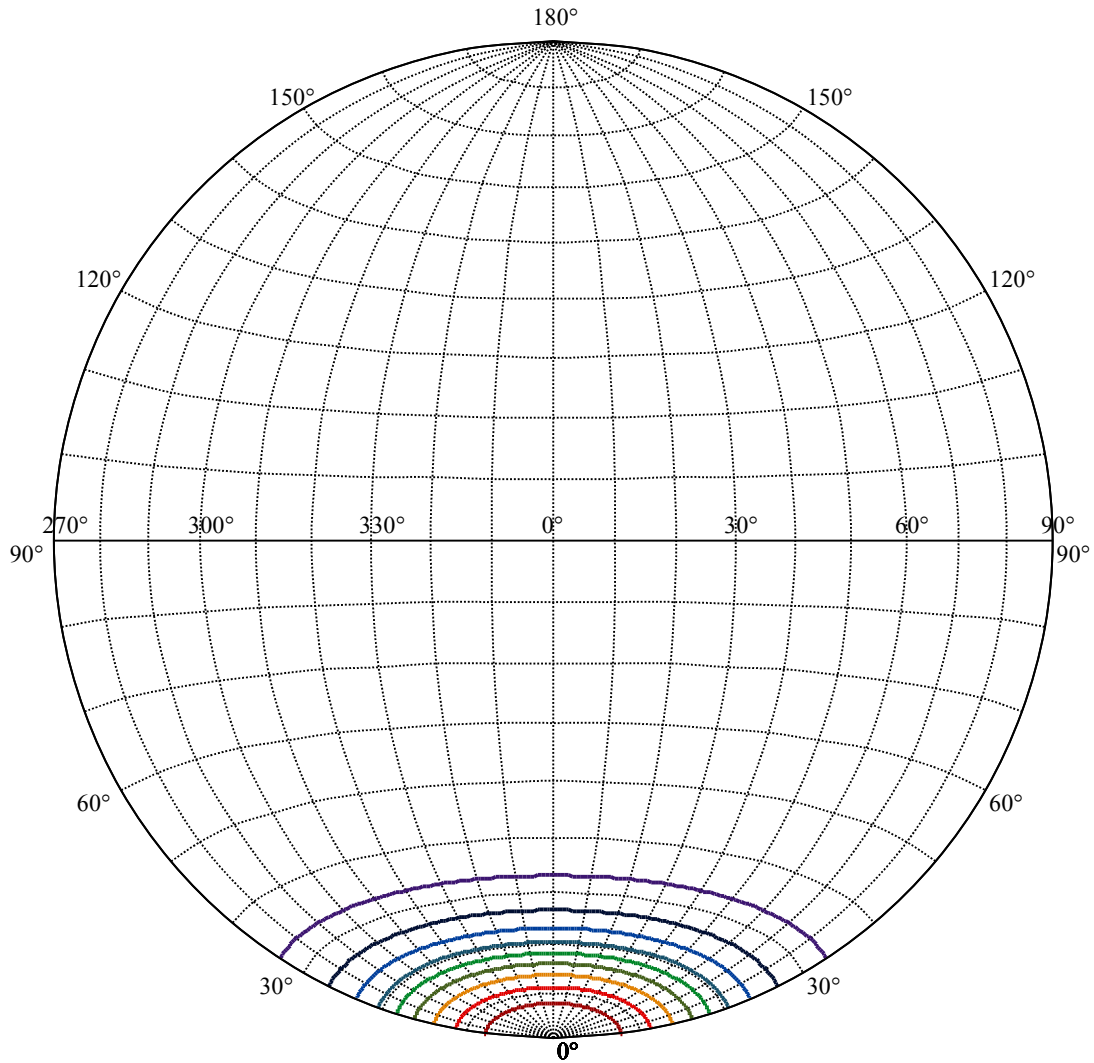
:C90/270Left:33.2 Right:33.2

Beam Angle(50%Imax):C0/180Left:18.3 Right:18.3

:C90/270Left:18.3 Right:18.3



(10%Imax) 408.066	—
(20%Imax) 816.131	—
(30%Imax) 1224.2	—
(40%Imax) 1632.26	—
(50%Imax) 2040.33	—
(60%Imax) 2448.39	—
(70%Imax) 2856.46	—
(80%Imax) 3264.52	—
(90%Imax) 3672.59	—



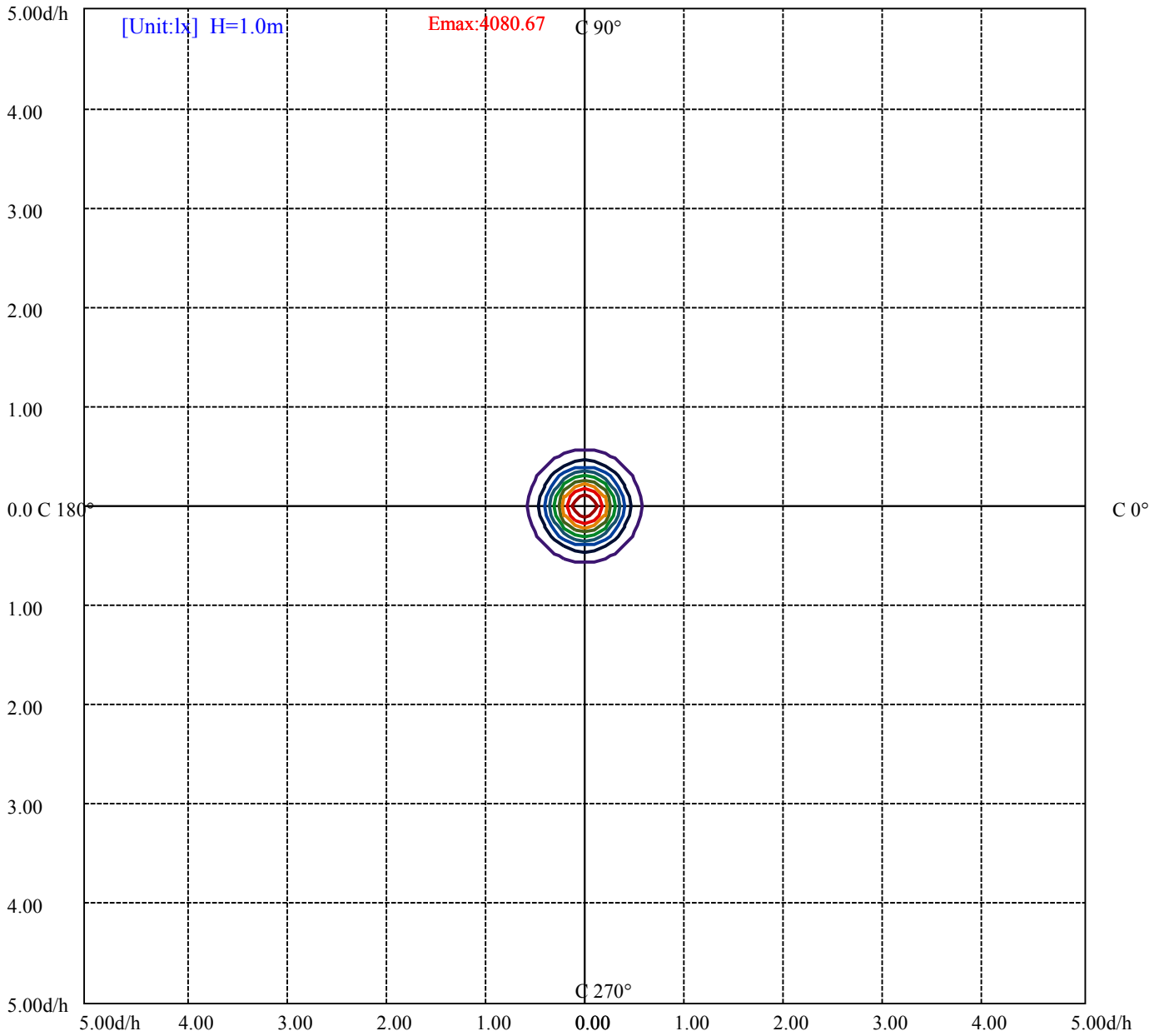
House

[Unit:cd]

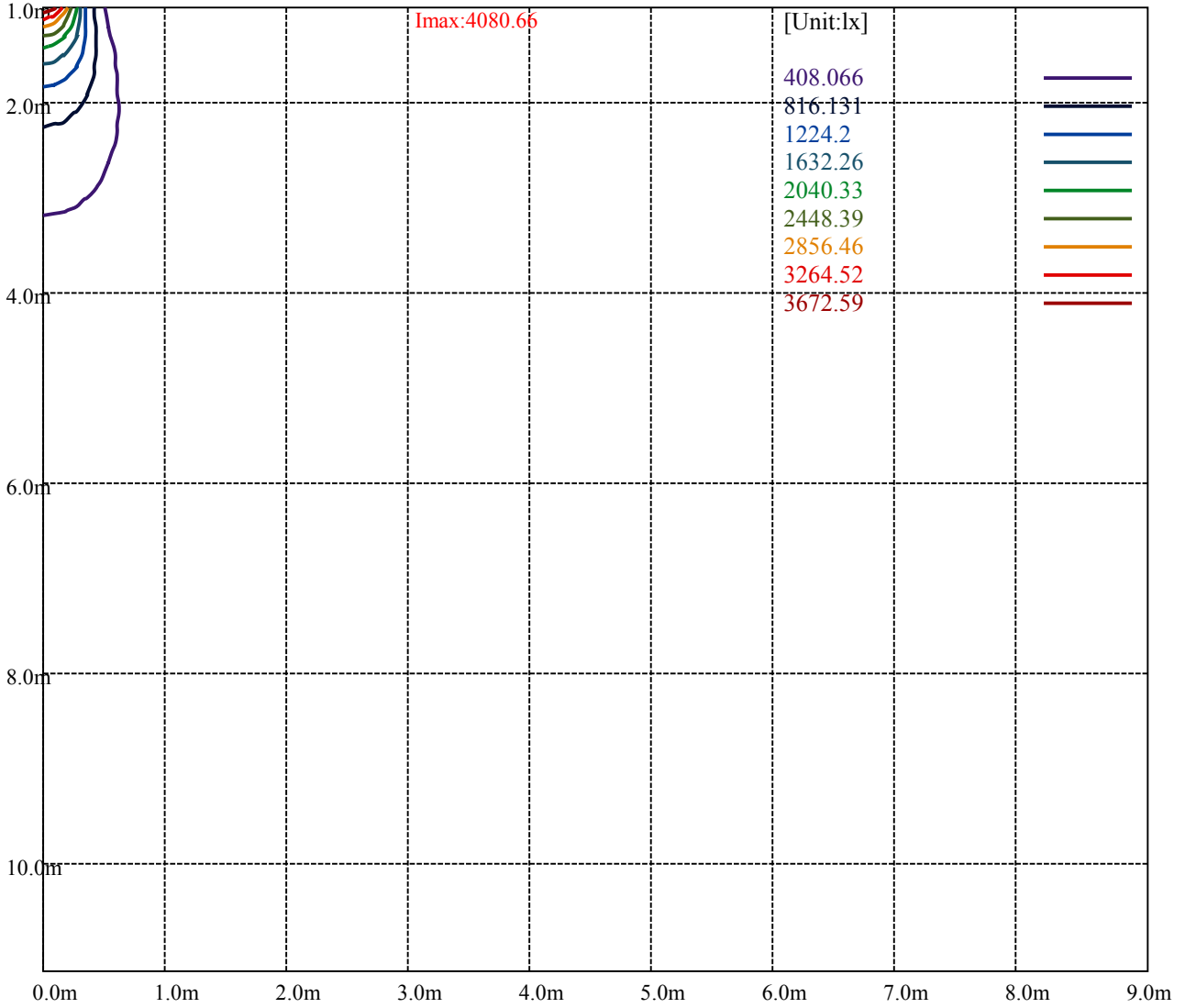
Road

Imax:4080.66

- (10%Imax) 408.066
- (20%Imax) 816.131
- (30%Imax) 1224.2
- (40%Imax) 1632.26
- (50%Imax) 2040.33
- (60%Imax) 2448.39
- (70%Imax) 2856.46
- (80%Imax) 3264.52
- (90%Imax) 3672.59



(10%Emax) 408.065	—
(20%Emax) 816.13	—
(30%Emax) 1224.2	—
(40%Emax) 1632.26	—
(50%Emax) 2040.33	—
(60%Emax) 2448.39	—
(70%Emax) 2856.46	—
(80%Emax) 3264.52	—
(90%Emax) 3672.59	—



Luminance Table

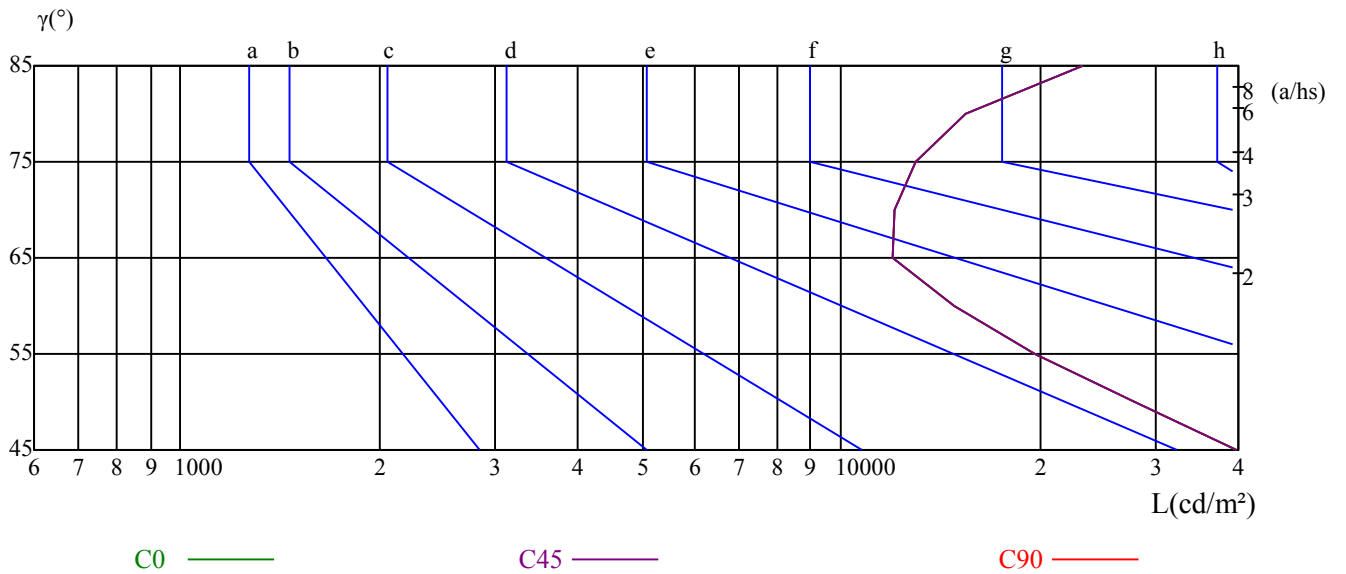
γ	45	50	55	60	65	70	75	80	85
C0	39834	27941	19669	14886	12013	12045	12962	15403	23297
C45	39834	27941	19669	14886	12013	12045	12962	15403	23297
C90	39834	27941	19669	14886	12013	12045	12962	15403	23297

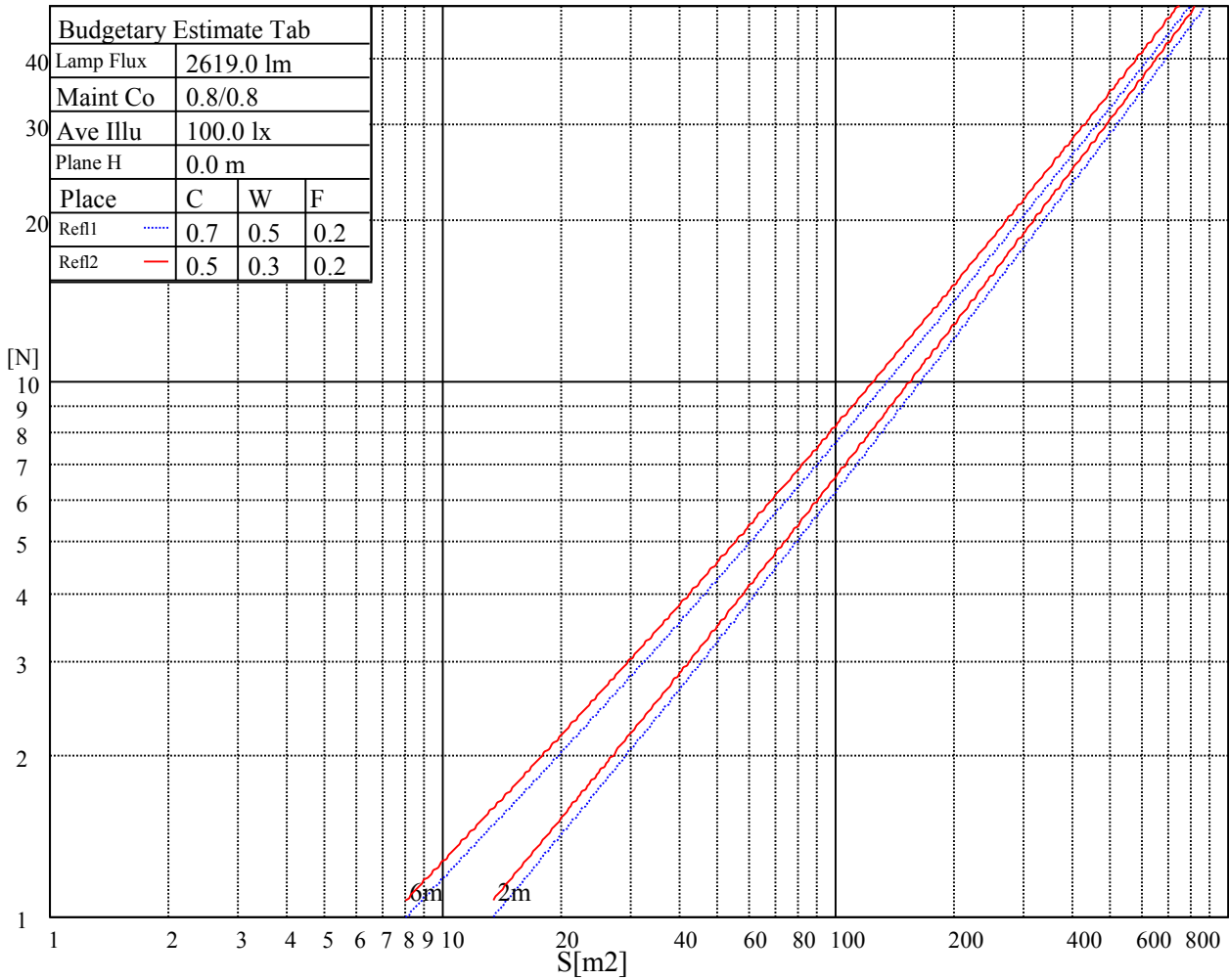
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
12013	12013	12013	12962	12962	12962	23297	23297	23297

Glare Table

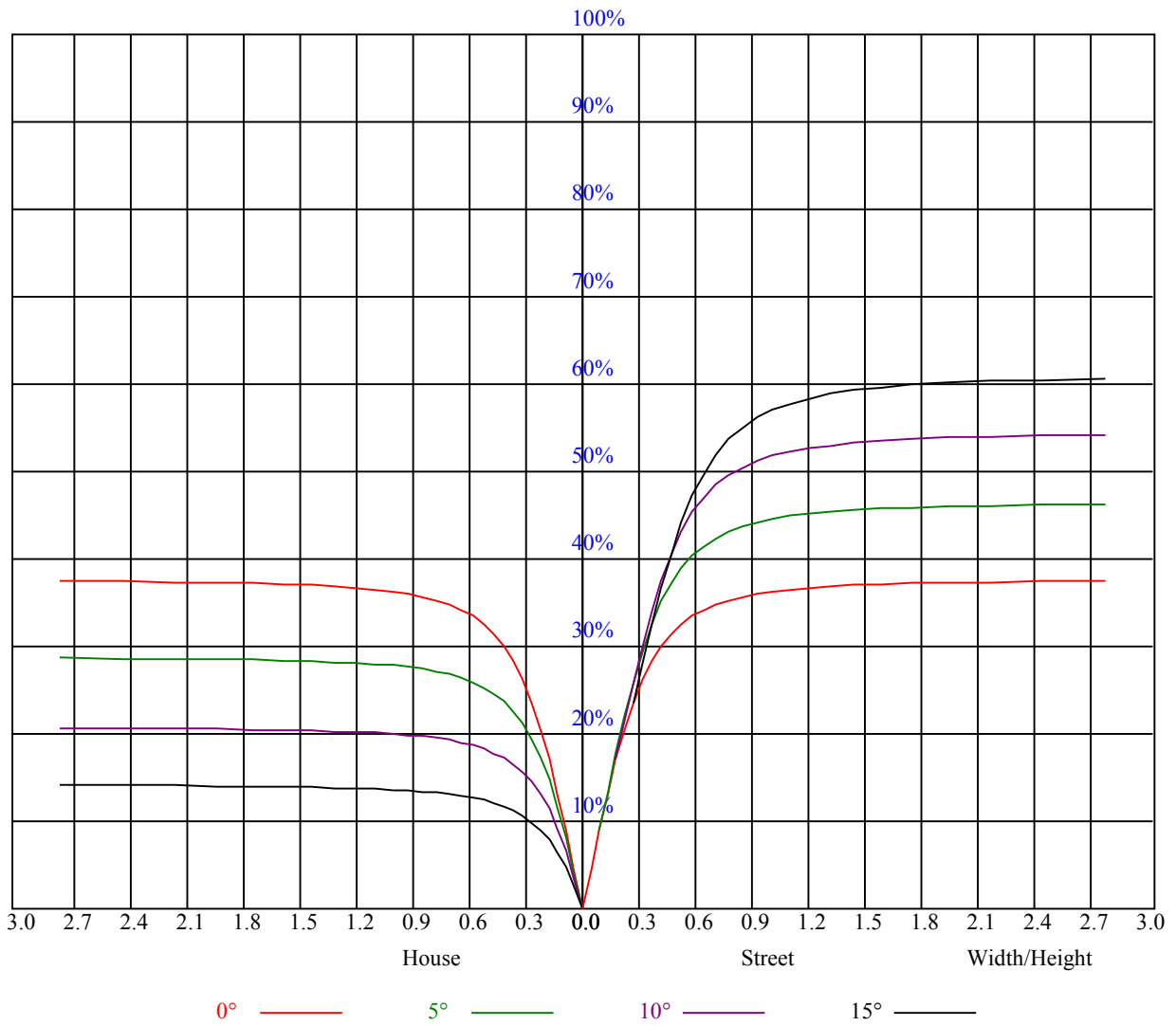
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve





RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION RHOFC=20 CU															
0	0.91	0.91	0.91	0.89	0.89	0.89	0.85	0.85	0.85	0.81	0.81	0.81	0.78	0.78	0.78	0.76
1	0.84	0.82	0.80	0.82	0.80	0.78	0.79	0.77	0.76	0.76	0.75	0.74	0.73	0.73	0.72	0.70
2	0.79	0.76	0.73	0.77	0.75	0.72	0.75	0.73	0.71	0.73	0.71	0.69	0.70	0.69	0.68	0.66
3	0.74	0.71	0.68	0.73	0.70	0.67	0.71	0.68	0.66	0.69	0.67	0.65	0.68	0.66	0.64	0.63
4	0.70	0.66	0.63	0.69	0.66	0.63	0.68	0.65	0.62	0.66	0.64	0.62	0.65	0.63	0.61	0.60
5	0.67	0.63	0.60	0.66	0.62	0.60	0.65	0.62	0.59	0.64	0.61	0.59	0.62	0.60	0.58	0.57
6	0.64	0.60	0.57	0.63	0.59	0.57	0.62	0.59	0.56	0.61	0.58	0.56	0.60	0.58	0.56	0.55
7	0.61	0.57	0.54	0.61	0.57	0.54	0.60	0.56	0.54	0.59	0.56	0.54	0.58	0.55	0.53	0.52
8	0.59	0.55	0.52	0.58	0.54	0.52	0.57	0.54	0.52	0.57	0.54	0.51	0.56	0.53	0.51	0.50
9	0.56	0.52	0.50	0.56	0.52	0.50	0.55	0.52	0.50	0.55	0.52	0.49	0.54	0.51	0.49	0.48
10	0.54	0.50	0.48	0.54	0.50	0.48	0.53	0.50	0.48	0.53	0.50	0.48	0.52	0.50	0.48	0.47



Intensity data(cd)

C/ γ (°)	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0
0.0	4078.69	4019.63	3661.31	2922.75	1935.00	1113.75	616.50	358.88	256.78
45.0	4084.31	3929.06	3400.88	2561.06	1608.19	878.63	499.50	298.69	195.75
90.0	4075.88	3863.81	3283.31	2437.88	1311.19	802.01	457.65	283.22	187.82
135.0	4083.75	3945.38	3415.50	2601.56	1664.44	873.00	500.63	313.31	210.32
180.0	4078.69	3842.44	3206.25	2409.75	1487.25	805.28	481.56	295.48	193.73
225.0	4084.31	3999.38	3540.94	2742.19	1777.50	1032.86	595.69	341.27	233.38
270.0	4075.88	4015.69	3678.75	2944.69	2035.69	1146.38	666.56	390.94	284.63
315.0	4083.75	3976.31	3546.56	2764.13	1820.25	984.09	576.96	338.51	224.27
360.0	4078.69	4019.63	3661.31	2922.75	1935.00	1113.75	616.50	358.88	256.78
C/ γ (°)	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
0.0	151.14	96.81	61.88	40.11	26.04	21.04	17.27	13.95	10.74
45.0	123.58	81.45	50.91	34.09	23.96	19.52	15.81	12.66	9.34
90.0	120.88	77.06	46.91	32.06	23.01	18.90	15.41	12.04	9.17
135.0	129.54	82.91	53.27	34.93	24.19	19.97	16.20	12.71	9.45
180.0	123.98	79.37	50.01	32.91	23.74	19.41	15.53	12.15	9.34
225.0	145.91	92.81	59.51	38.76	25.71	20.59	16.88	13.50	10.41
270.0	164.70	101.93	62.78	41.79	26.94	21.49	17.61	14.23	10.69
315.0	144.39	91.69	56.98	37.13	25.43	20.59	16.82	13.61	10.46
360.0	151.14	96.81	61.88	40.11	26.04	21.04	17.27	13.95	10.74
C/ γ (°)	90.0								
0.0	8.16								
45.0	8.10								
90.0	8.04								
135.0	8.04								
180.0	8.04								
225.0	8.27								
270.0	8.27								
315.0	8.16								
360.0	8.16								