

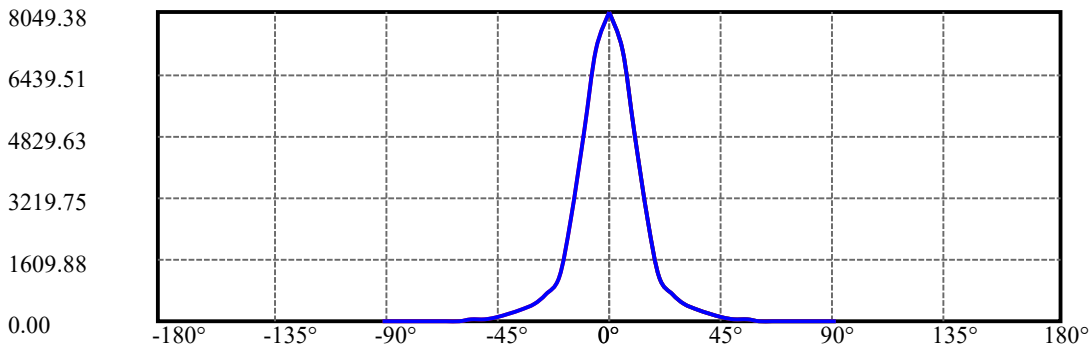
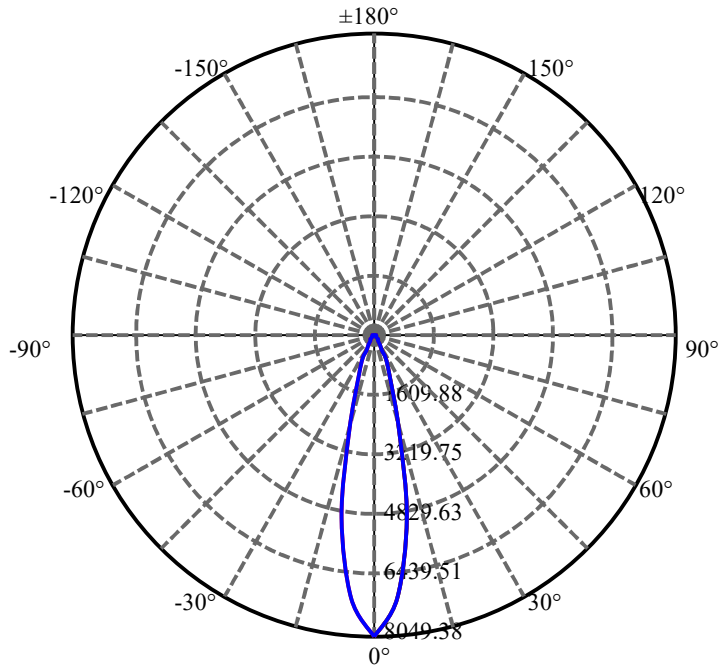
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	8049.383	48.137	48.137	1.861%	2.364%
5.0	7068.072	337.665	385.802	13.052%	18.944%
10.0	4934.086	469.641	855.444	18.154%	42.006%
15.0	2670.167	378.812	1234.256	14.643%	60.607%
20.0	1172.171	219.752	1454.008	8.494%	71.398%
25.0	679.864	157.492	1611.5	6.088%	79.131%
30.0	454.002	124.428	1735.928	4.810%	85.241%
35.0	296.410	93.191	1829.119	3.602%	89.817%
40.0	198.857	70.064	1899.183	2.708%	93.258%
45.0	116.561	45.178	1944.361	1.746%	95.476%
50.0	69.791	29.305	1973.666	1.133%	96.915%
55.0	38.168	17.138	1990.804	.662%	97.757%
60.0	20.832	9.889	2000.693	.382%	98.242%
65.0	15.836	7.867	2008.56	.304%	98.629%
70.0	14.211	7.320	2015.88	.283%	98.988%
75.0	13.021	6.894	2022.774	.266%	99.327%
80.0	11.465	6.189	2028.963	.239%	99.630%
85.0	9.711	5.302	2034.265	.205%	99.891%
90.0	8.114	2.224	2036.489	.086%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1735.93	67.10%	85.24%
0-40	1899.18	73.41%	93.26%
0-60	2000.69	77.34%	98.24%
0-90	2034.27	78.63%	99.89%
0-120	2034.27	78.63%	99.89%
0-180	2036.49	78.72%	100.00%
60-90	43.46	1.68%	2.13%
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%
0-25.71	1629.19	62.98%	80.00%

ZONAL LUMEN SUMMARY

0-10	855.44
10-20	598.56
20-30	281.92
30-40	163.26
40-50	74.48
50-60	27.03
60-70	15.19
70-80	13.08
80-90	5.30
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: —————

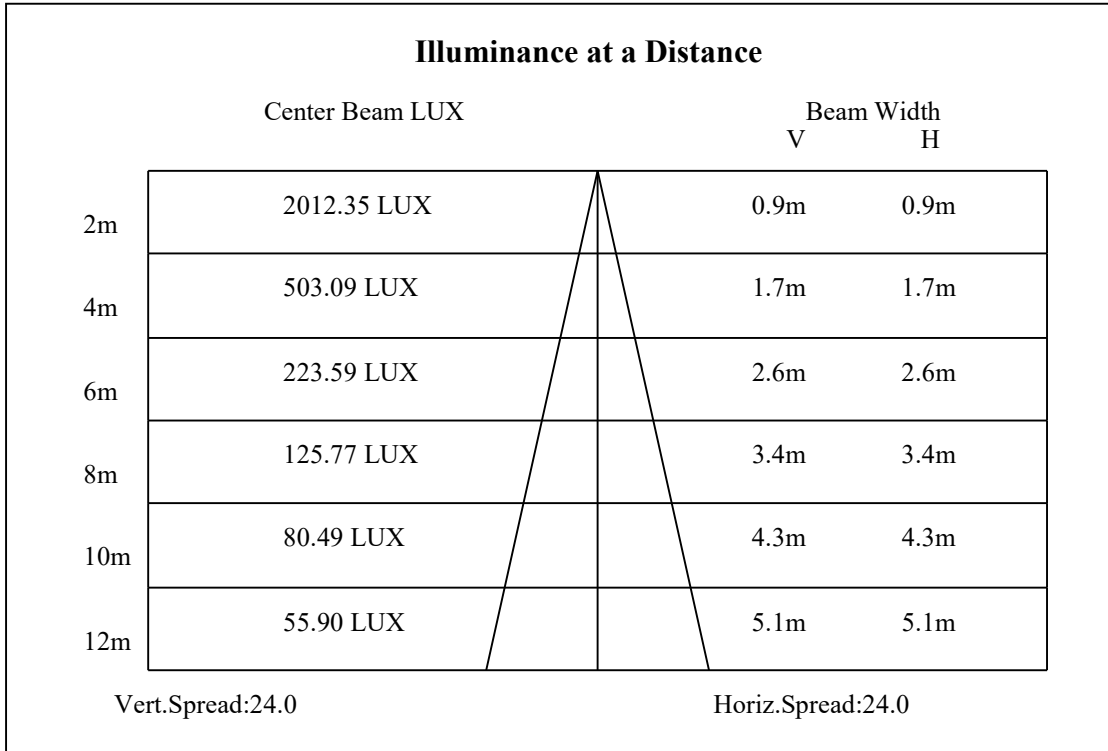
C90/C270: —————

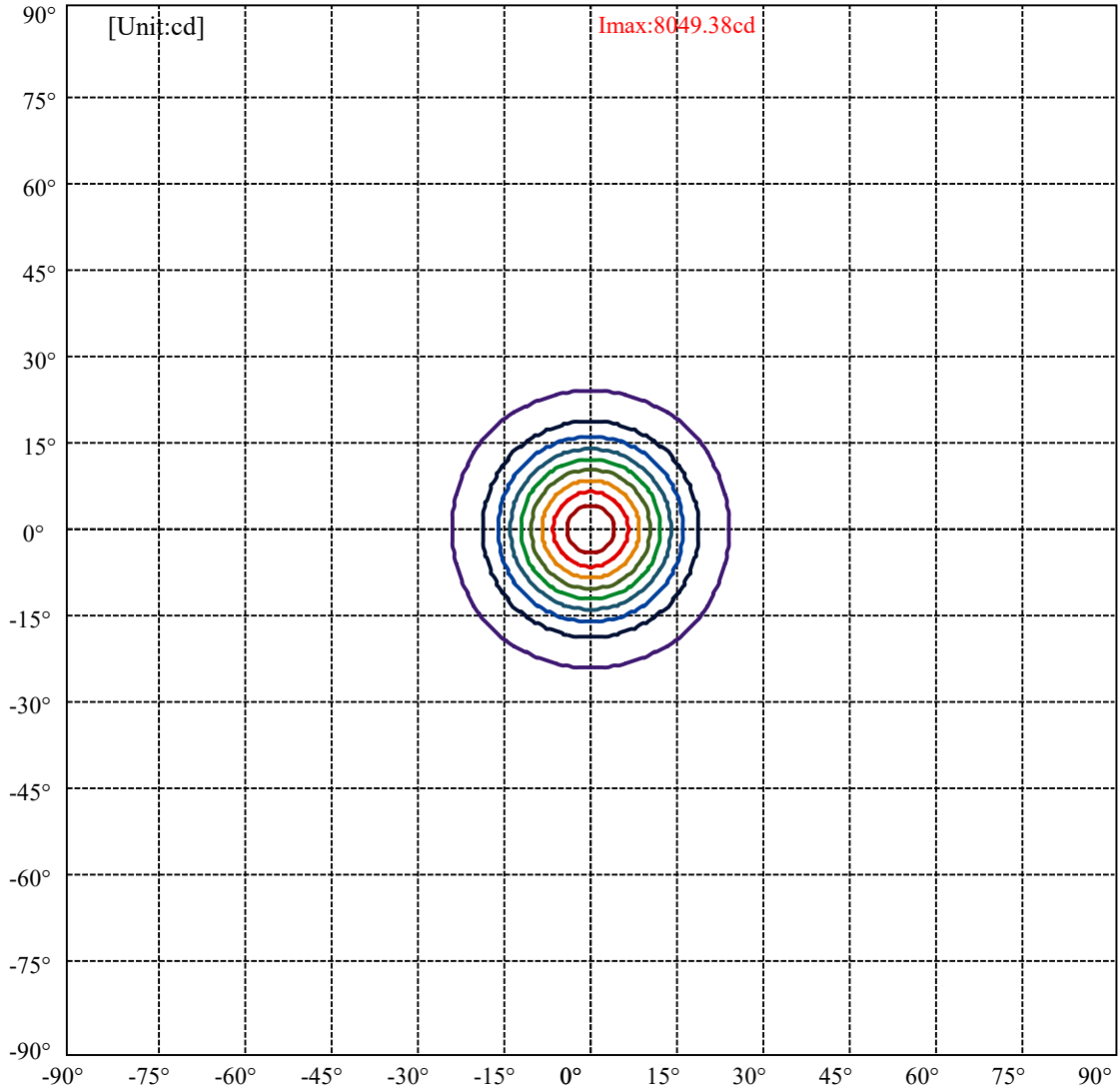
Field angle(10%Imax):C0/180Left:23.7 Right:23.7

:C90/270Left:23.7 Right:23.7

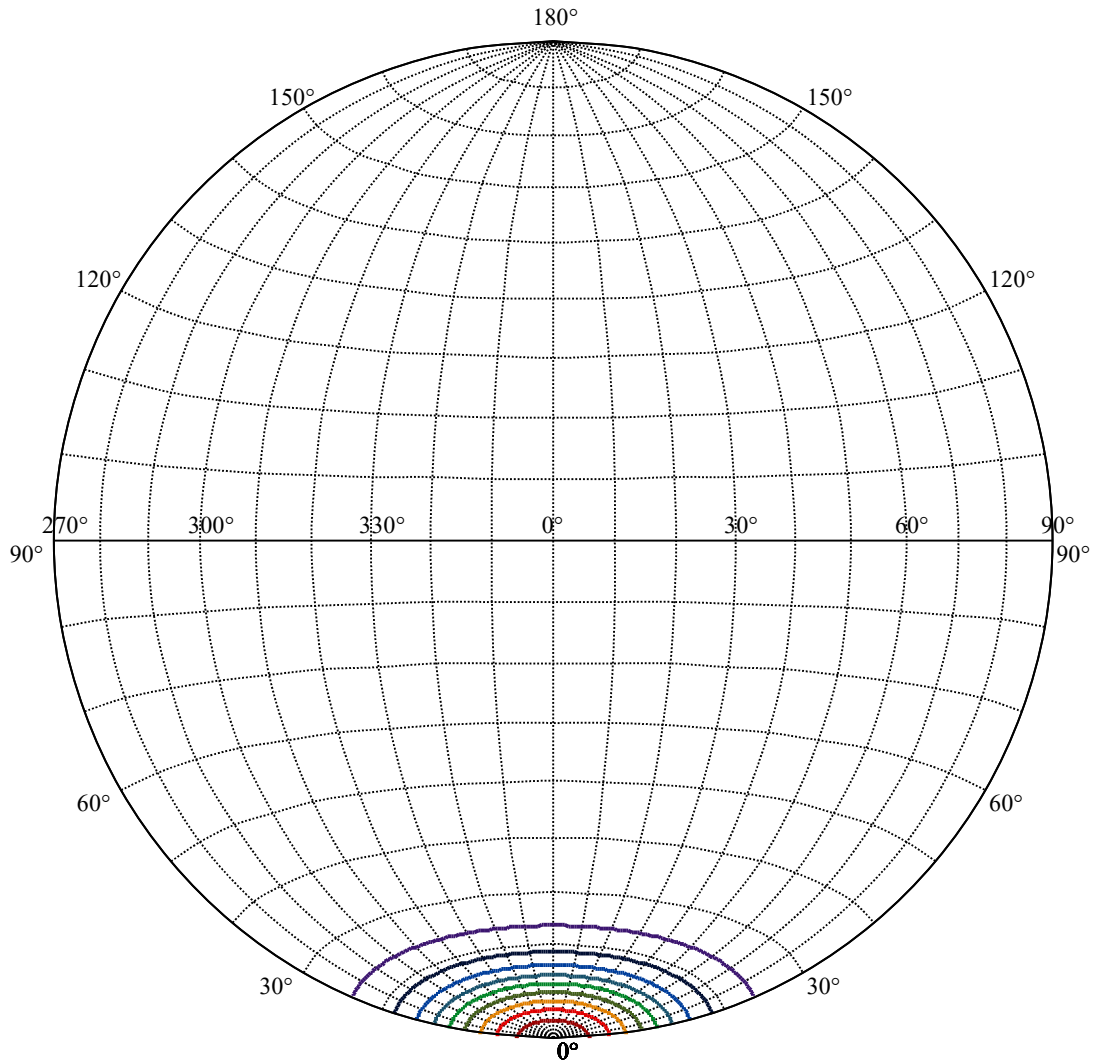
Beam Angle(50%Imax):C0/180Left:12.0 Right:12.0

:C90/270Left:12.0 Right:12.0





(10%Imax) 804.938	—
(20%Imax) 1609.88	—
(30%Imax) 2414.81	—
(40%Imax) 3219.75	—
(50%Imax) 4024.69	—
(60%Imax) 4829.63	—
(70%Imax) 5634.57	—
(80%Imax) 6439.51	—
(90%Imax) 7244.44	—



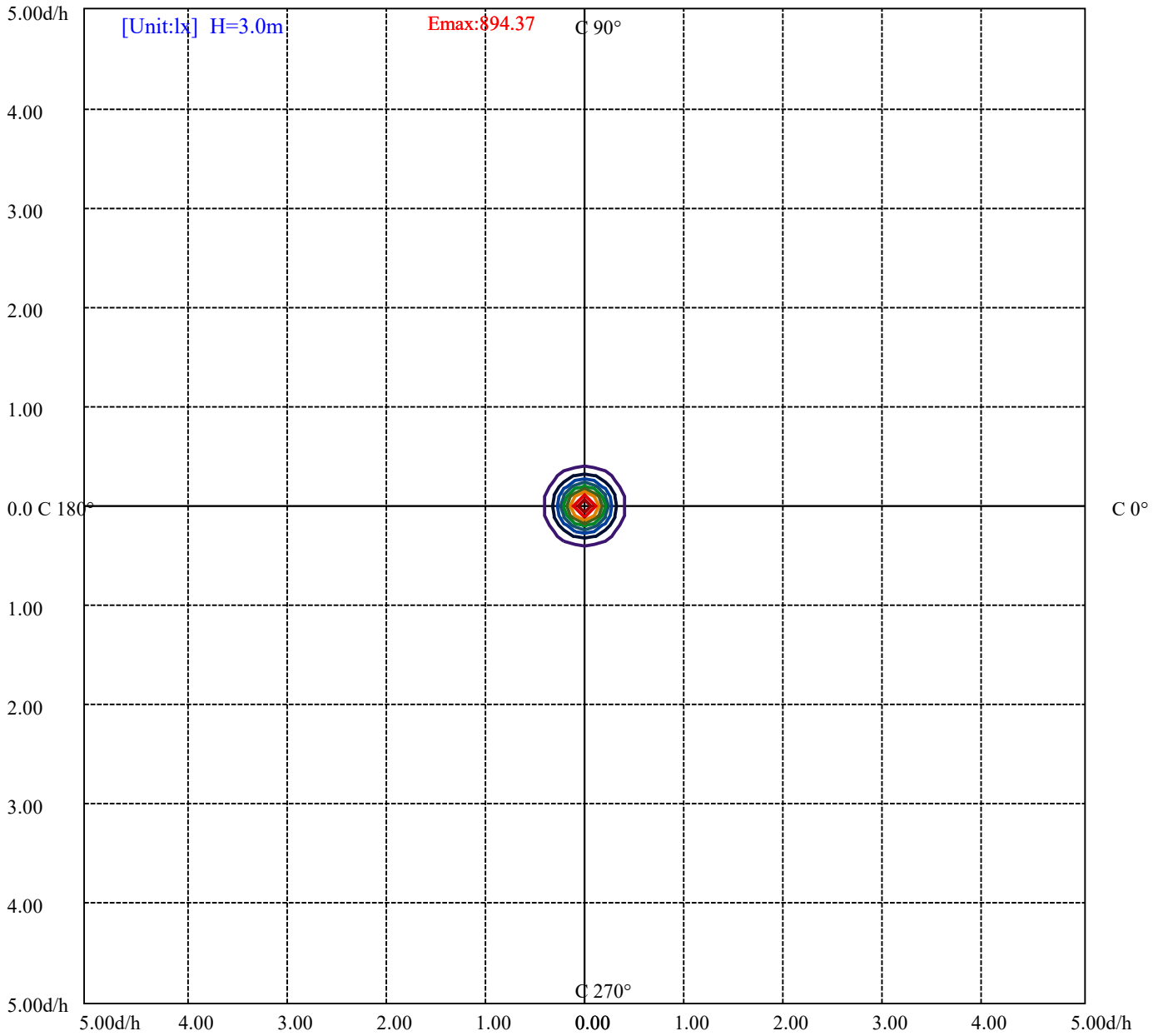
House

[Unit:cd]

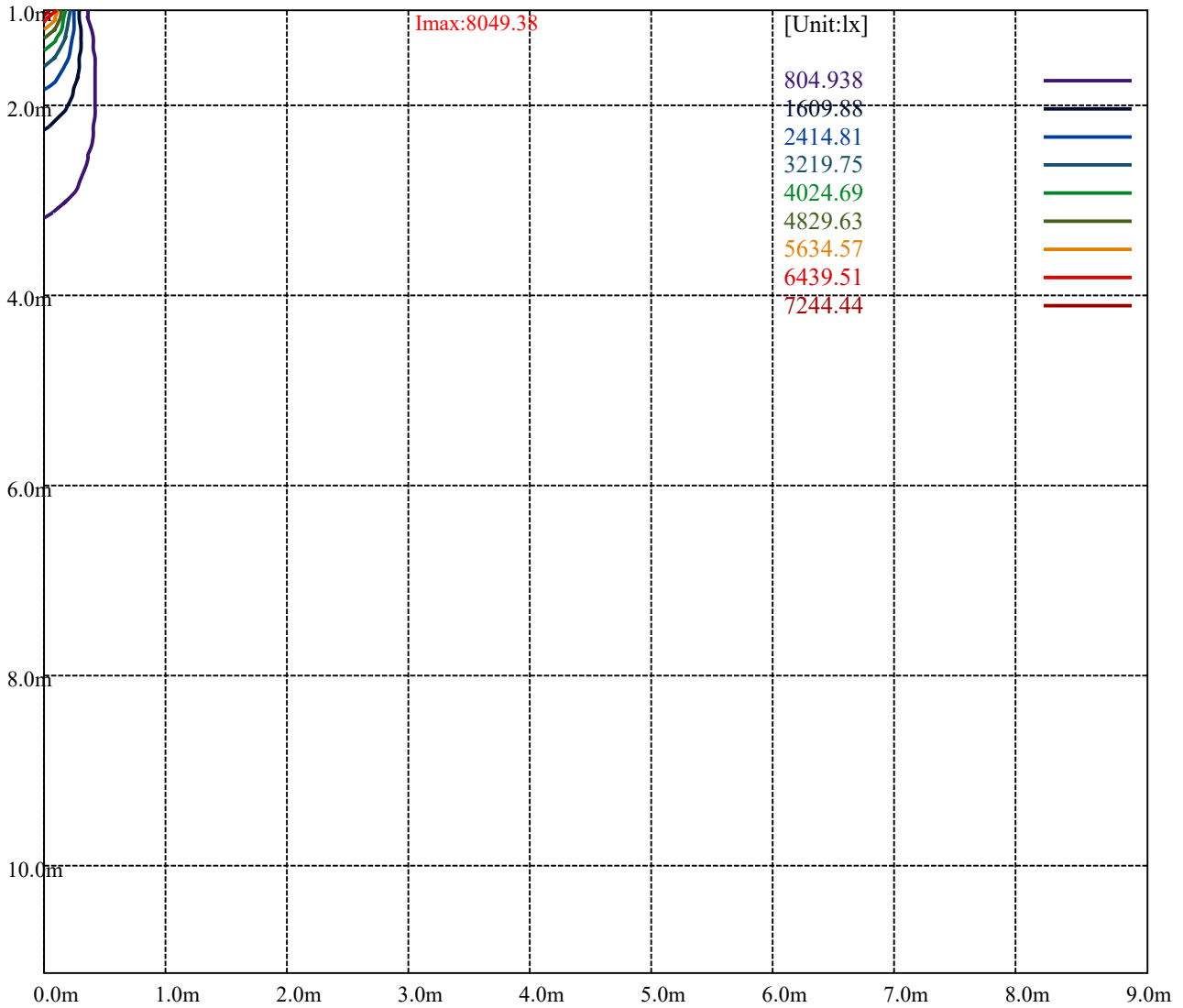
Road

Imax:8049.38

(10%Imax) 804.938	—
(20%Imax) 1609.88	—
(30%Imax) 2414.81	—
(40%Imax) 3219.75	—
(50%Imax) 4024.69	—
(60%Imax) 4829.63	—
(70%Imax) 5634.57	—
(80%Imax) 6439.51	—
(90%Imax) 7244.44	—



- (10%E_{max}) 89.43723
- (20%E_{max}) 178.8745
- (30%E_{max}) 268.3122
- (40%E_{max}) 357.7489
- (50%E_{max}) 447.1866
- (60%E_{max}) 536.6233
- (70%E_{max}) 626.0611
- (80%E_{max}) 715.4978
- (90%E_{max}) 804.9355



Luminance Table

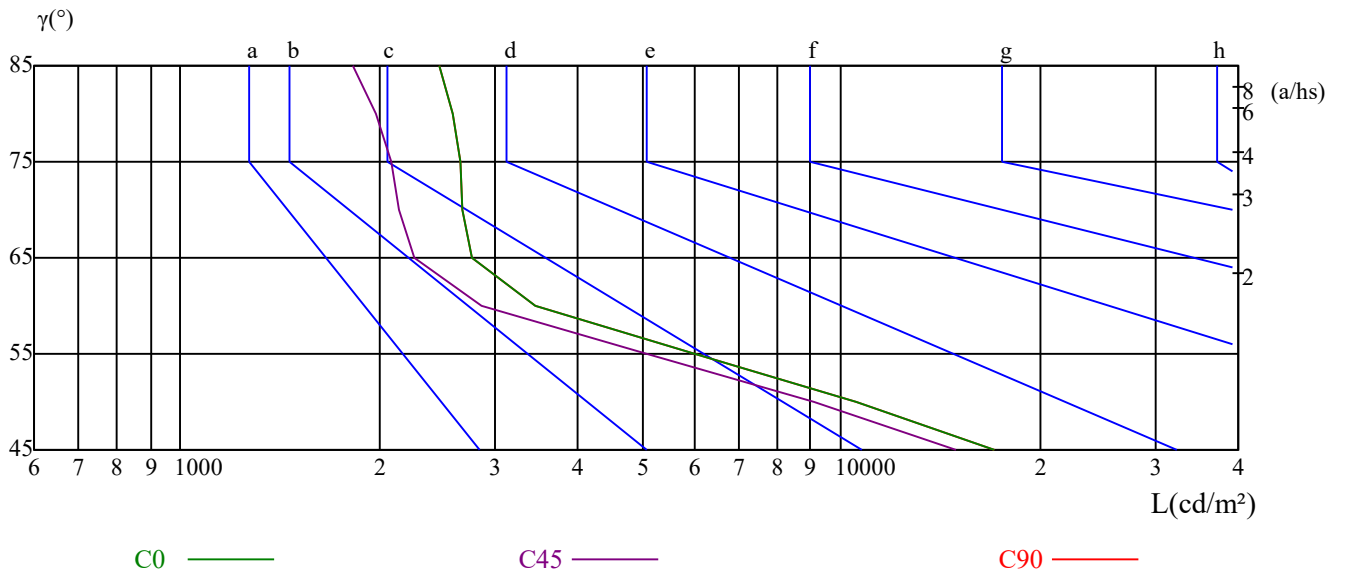
γ	45	50	55	60	65	70	75	80	85
C0	17103	10552	5999	3436	2770	2668	2659	2589	2472
C45	14925	9073	5079	2861	2265	2137	2081	1972	1822
C90	17103	10552	5999	3436	2770	2668	2659	2589	2472

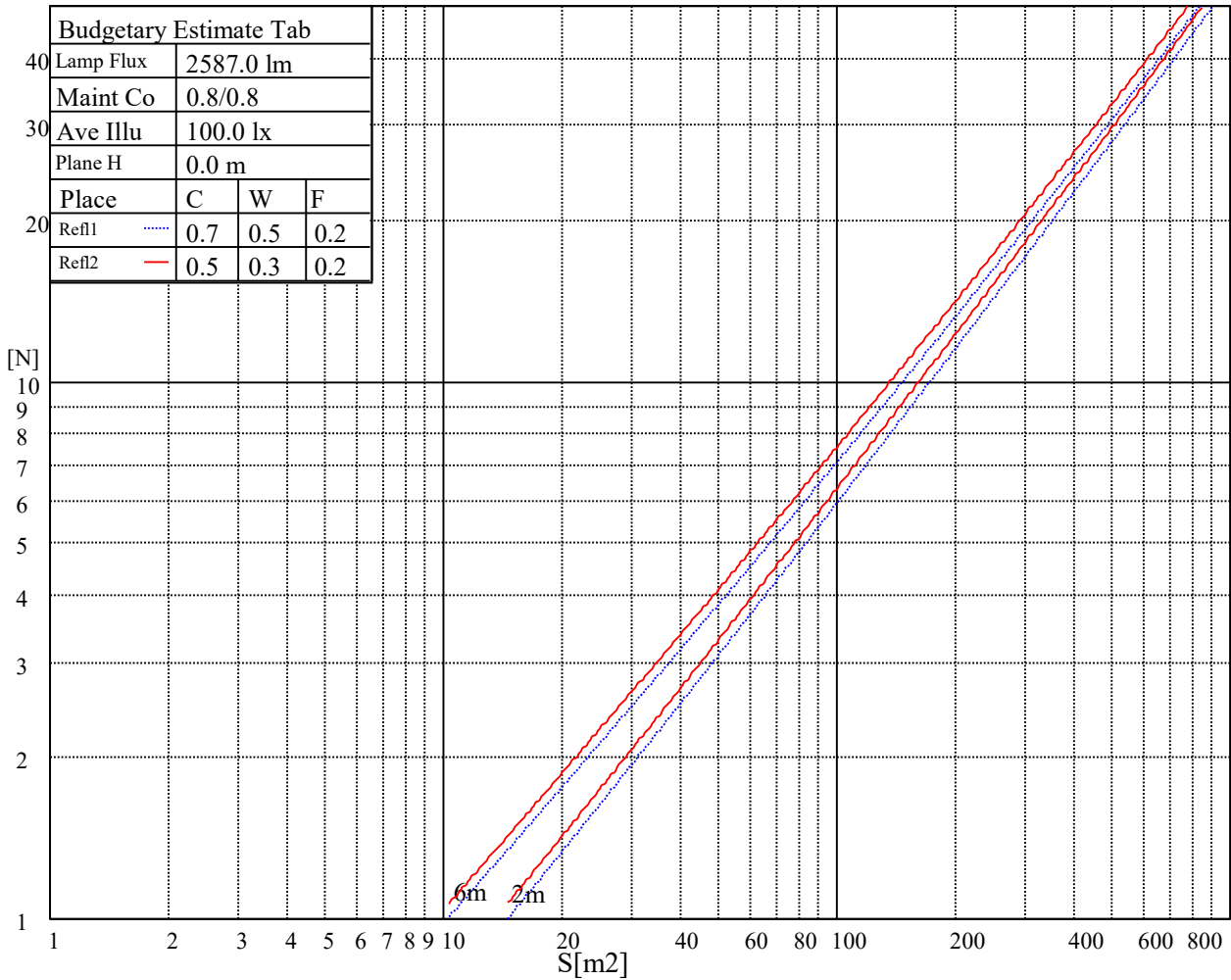
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
6004	6004	6004	8061	8061	8061	17852	17852	17852

Glare Table

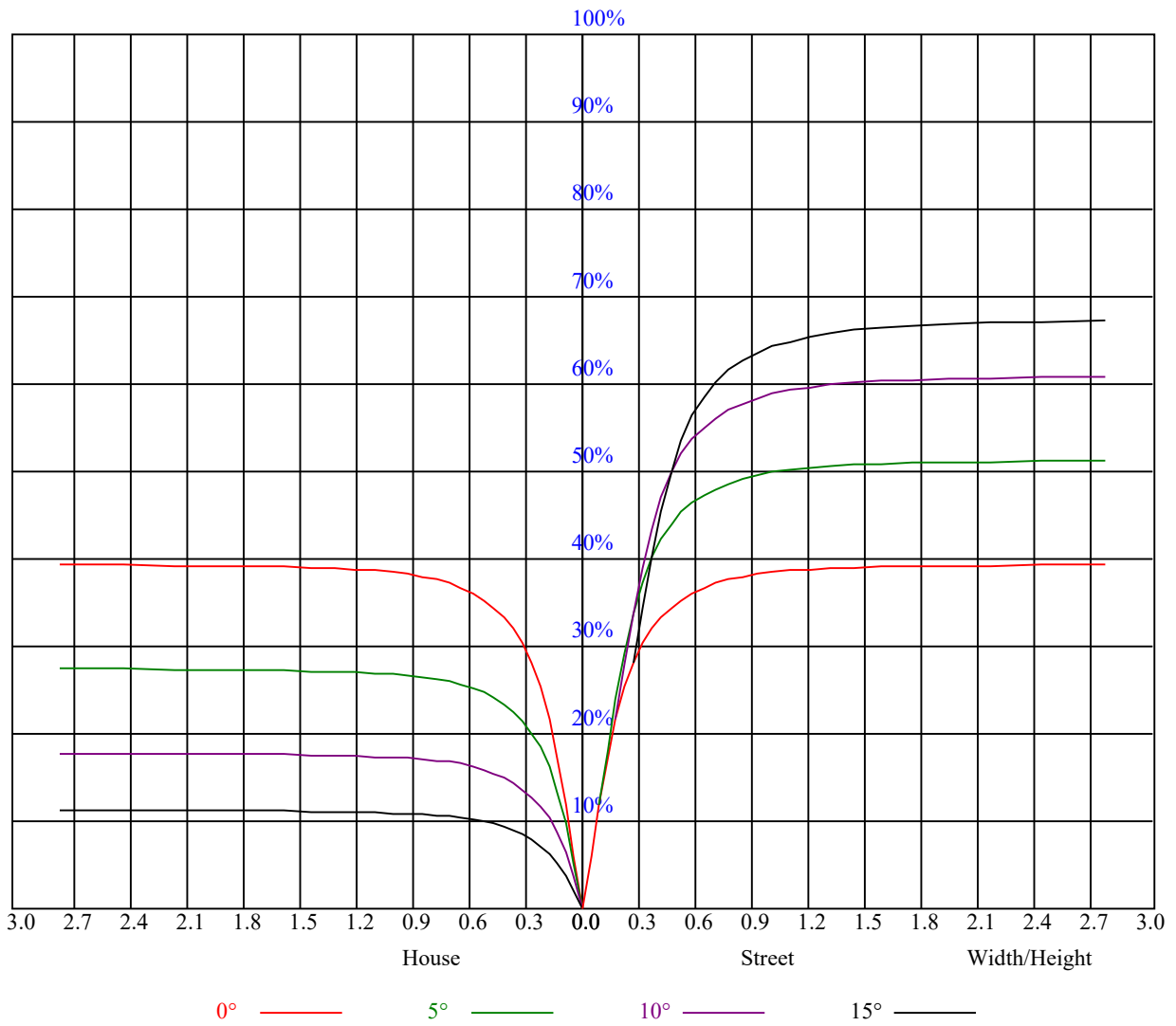
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

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	0.96	0.96	0.96	0.94	0.94	0.94	0.89	0.89	0.89	0.86	0.86	0.86	0.82	0.82	0.82	0.81
1	0.88	0.86	0.83	0.86	0.84	0.82	0.83	0.81	0.80	0.80	0.78	0.77	0.77	0.76	0.75	0.73
2	0.83	0.80	0.77	0.82	0.79	0.76	0.79	0.77	0.75	0.77	0.75	0.73	0.75	0.73	0.72	0.70
3	0.79	0.75	0.72	0.78	0.75	0.72	0.76	0.73	0.71	0.74	0.72	0.70	0.72	0.70	0.69	0.67
4	0.76	0.72	0.69	0.75	0.71	0.68	0.73	0.70	0.67	0.71	0.69	0.67	0.70	0.68	0.66	0.65
5	0.72	0.68	0.66	0.72	0.68	0.65	0.70	0.67	0.65	0.69	0.66	0.64	0.68	0.66	0.64	0.63
6	0.70	0.66	0.63	0.69	0.65	0.63	0.68	0.65	0.62	0.67	0.64	0.62	0.66	0.63	0.61	0.61
7	0.67	0.63	0.61	0.67	0.63	0.60	0.66	0.63	0.60	0.65	0.62	0.60	0.64	0.62	0.60	0.59
8	0.65	0.61	0.59	0.65	0.61	0.58	0.64	0.61	0.58	0.63	0.60	0.58	0.62	0.60	0.58	0.57
9	0.63	0.59	0.57	0.63	0.59	0.57	0.62	0.59	0.57	0.61	0.58	0.56	0.61	0.58	0.56	0.55
10	0.61	0.58	0.55	0.61	0.57	0.55	0.60	0.57	0.55	0.60	0.57	0.55	0.59	0.57	0.55	0.54



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	8092.74	6699.81	4476.09	2228.68	1074.70	622.14	406.32	288.50	173.65
45.0	8056.95	7181.56	5080.05	2702.72	1298.78	686.55	461.92	300.06	197.82
90.0	8092.19	7303.78	5194.02	2804.02	1071.62	693.82	462.69	296.53	202.06
135.0	7955.65	7842.78	6028.68	3689.88	1686.93	832.45	543.96	355.66	284.09
180.0	8092.74	7522.91	5376.81	3082.06	1095.46	722.62	488.68	312.56	207.84
225.0	8056.95	7032.90	4791.56	2481.39	1073.27	659.52	442.27	289.60	190.55
270.0	8092.19	6814.33	4650.61	2472.03	1145.17	647.46	434.39	279.14	181.30
315.0	7955.65	6146.50	3874.87	1900.55	931.44	574.35	391.78	249.24	153.55
360.0	8092.74	6699.81	4476.09	2228.68	1074.70	622.14	406.32	288.50	173.65
C/ γ (°)	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
0.0	104.77	61.22	33.86	18.50	15.31	14.04	12.77	11.01	9.14
45.0	117.10	71.79	38.32	20.43	15.97	14.37	13.21	11.62	9.69
90.0	122.94	73.56	41.68	21.97	15.91	14.09	13.05	11.40	9.86
135.0	141.99	85.17	47.35	25.88	16.68	14.53	13.38	11.84	10.19
180.0	126.68	78.40	43.16	22.68	16.19	14.37	13.27	11.73	10.02
225.0	112.65	67.83	36.50	19.60	15.80	14.42	13.10	11.67	10.13
270.0	112.26	66.29	36.01	19.77	15.75	14.20	12.94	11.62	9.69
315.0	94.09	54.07	28.46	17.84	15.09	13.65	12.44	10.85	8.97
360.0	104.77	61.22	33.86	18.50	15.31	14.04	12.77	11.01	9.14
C/ γ (°)	90.0								
0.0	7.93								
45.0	8.20								
90.0	8.09								
135.0	8.26								
180.0	8.15								
225.0	8.15								
270.0	8.09								
315.0	8.04								
360.0	7.93								