

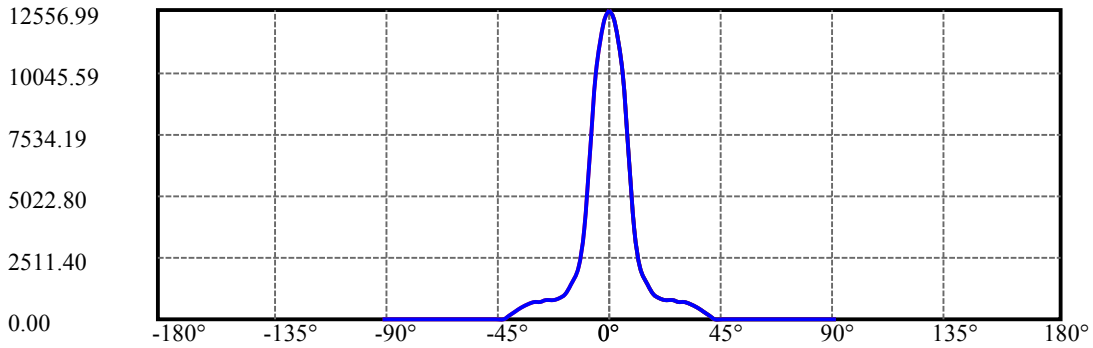
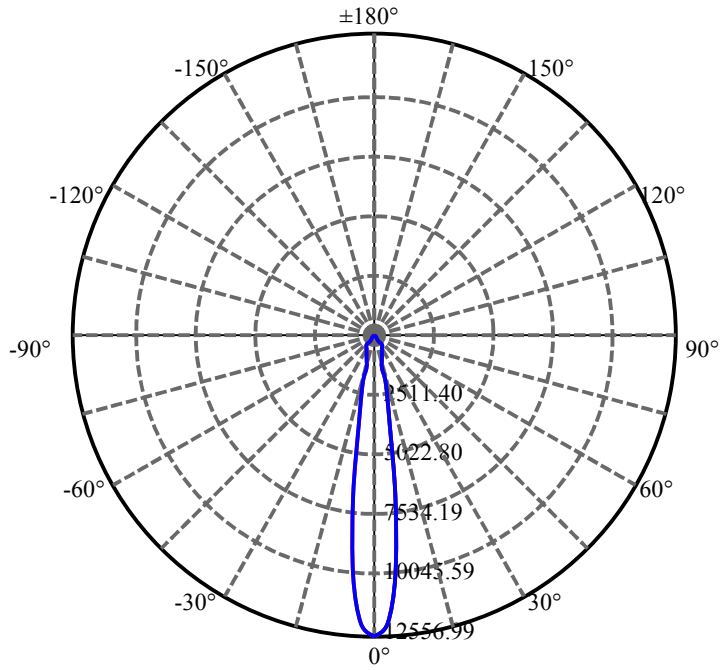
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	12556.988	18.776	18.776	.918%	1.011%
2.5	12003.190	143.529	162.304	7.019%	8.735%
5.0	10002.922	238.993	401.298	11.687%	21.598%
7.5	6753.906	241.666	642.964	11.817%	34.605%
10.0	3696.762	175.976	818.94	8.605%	44.076%
12.5	2081.270	123.489	942.429	6.039%	50.722%
15.0	1367.663	97.037	1039.466	4.745%	55.945%
17.5	1024.132	84.423	1123.889	4.128%	60.488%
20.0	871.288	81.691	1205.58	3.995%	64.885%
22.5	801.098	84.040	1289.621	4.110%	69.408%
25.0	760.253	88.078	1377.699	4.307%	74.149%
27.5	724.267	91.678	1469.378	4.483%	79.083%
30.0	683.849	93.733	1563.111	4.584%	84.128%
32.5	629.095	92.661	1655.771	4.531%	89.115%
35.0	497.393	78.209	1733.98	3.824%	93.324%
37.5	316.320	52.788	1786.768	2.581%	96.165%
40.0	150.841	26.580	1813.348	1.300%	97.596%
42.5	36.461	6.753	1820.1	.330%	97.959%
45.0	15.953	3.092	1823.193	.151%	98.125%
47.5	10.364	2.095	1825.287	.102%	98.238%
50.0	8.747	1.837	1827.124	.090%	98.337%
52.5	8.465	1.841	1828.965	.090%	98.436%
55.0	8.265	1.856	1830.821	.091%	98.536%
57.5	8.100	1.873	1832.694	.092%	98.637%
60.0	8.011	1.902	1834.596	.093%	98.739%
62.5	7.921	1.926	1836.522	.094%	98.843%
65.0	7.859	1.953	1838.475	.095%	98.948%
67.5	7.818	1.980	1840.455	.097%	99.055%
70.0	7.790	2.007	1842.461	.098%	99.163%
72.5	7.749	2.026	1844.487	.099%	99.272%
75.0	7.735	2.048	1846.536	.100%	99.382%
77.5	7.715	2.065	1848.601	.101%	99.493%
80.0	7.708	2.081	1850.681	.102%	99.605%
82.5	7.687	2.089	1852.771	.102%	99.717%
85.0	7.673	2.096	1854.866	.102%	99.830%
87.5	7.687	2.105	1856.972	.103%	99.943%
90.0	7.660	1.050	1858.021	.051%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1563.11	76.44%	84.13%
0-40	1813.35	88.67%	97.60%
0-60	1834.60	89.71%	98.74%
0-90	1856.97	90.81%	99.94%
0-120	1856.97	90.81%	99.94%
0-180	1858.02	90.86%	100.00%
60-90	24.28	1.19%	1.31%
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%
0-27.95	1486.42	72.69%	80.00%

ZONAL LUMEN SUMMARY

0-10	818.94
10-20	386.64
20-30	357.53
30-40	250.24
40-50	13.78
50-60	7.47
60-70	7.87
70-80	8.22
80-90	6.29
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



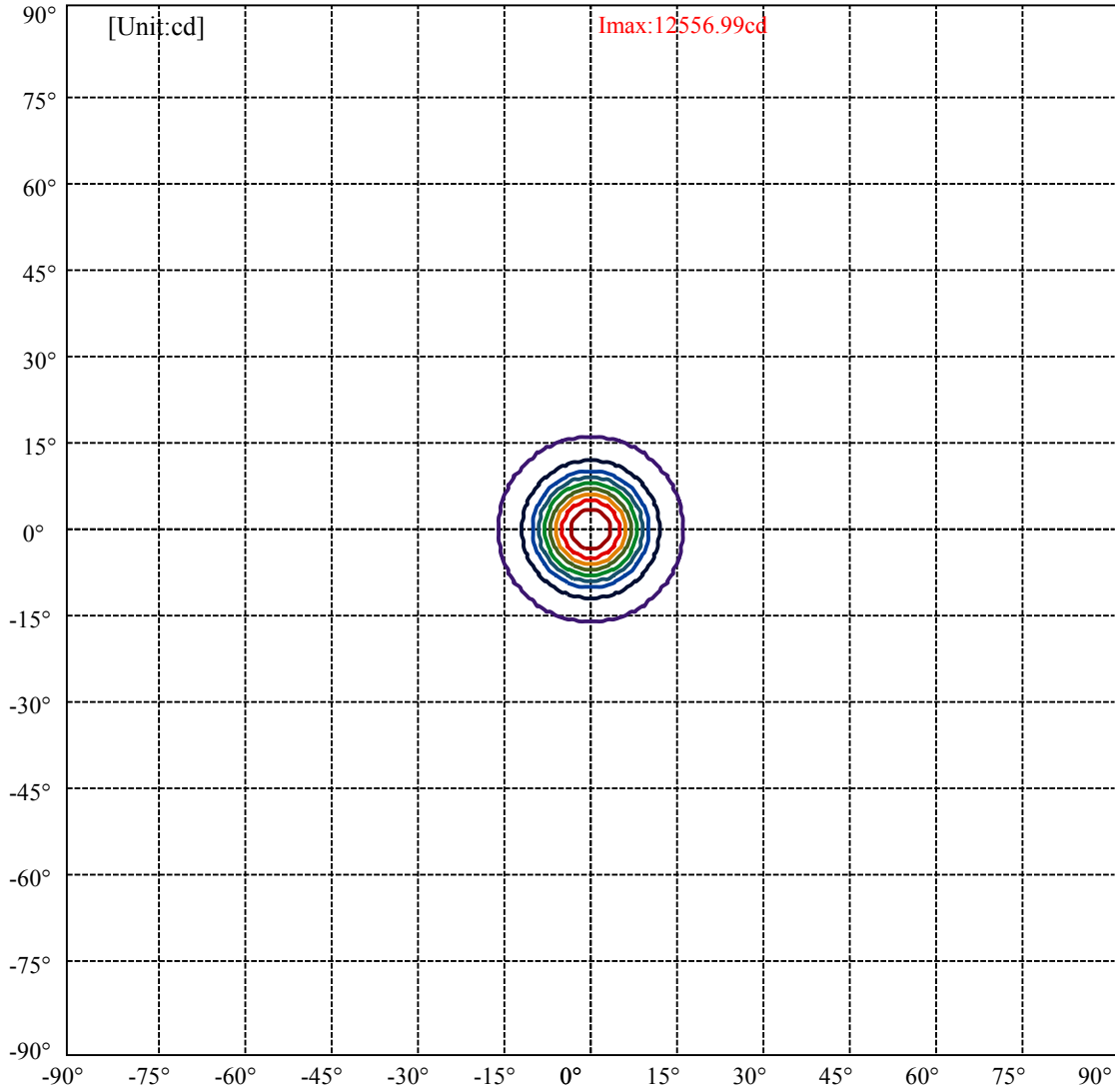
C0(Max): —————

C0/C180: —————

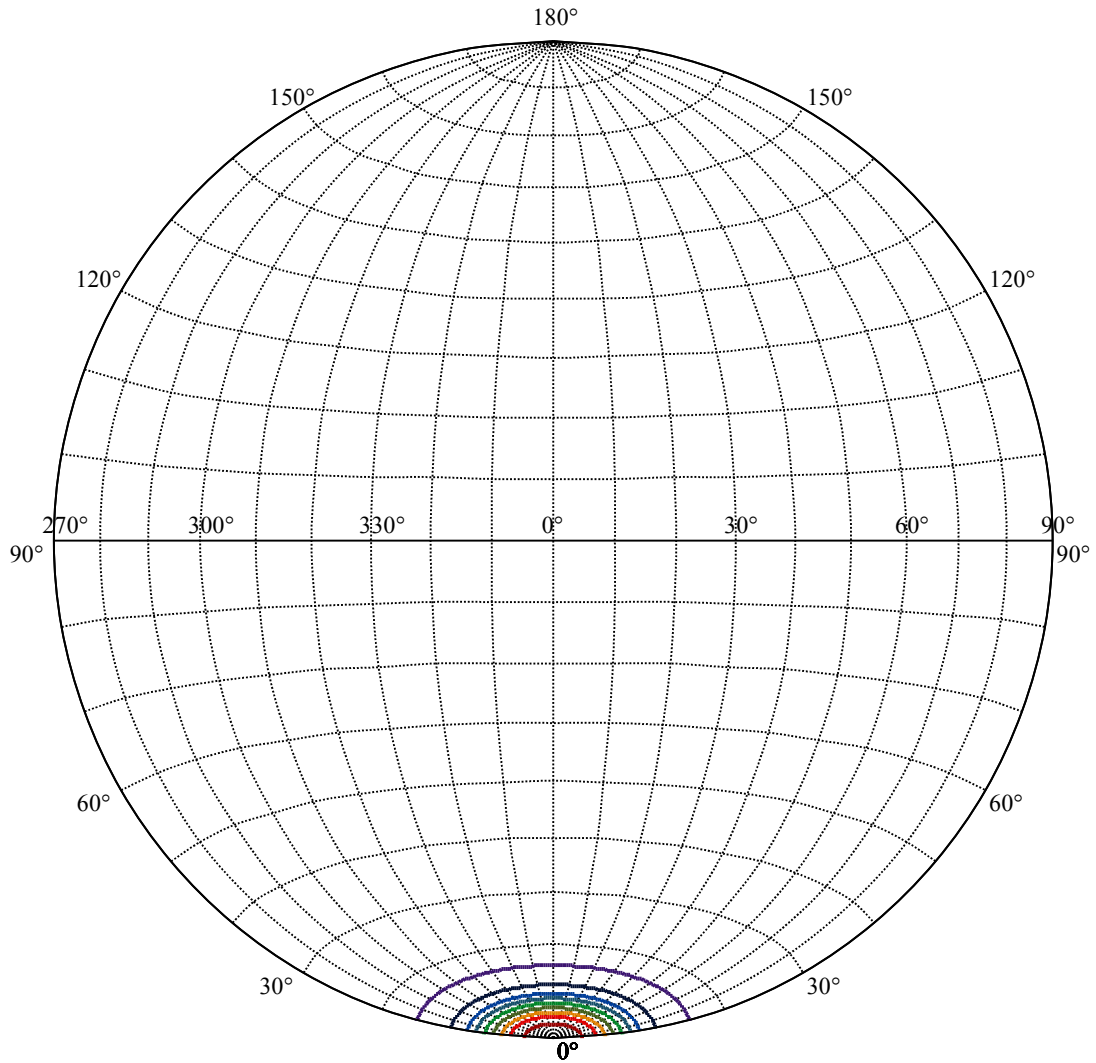
C90/C270: —————

Field angle(10%Imax):C0/180Left:15.8 Right:15.8
:C90/270Left:15.8 Right:15.8

Beam Angle(50%Imax):C0/180Left:7.9 Right:7.9
:C90/270Left:7.9 Right:7.9



(10%Imax) 1255.7	—
(20%Imax) 2511.4	—
(30%Imax) 3767.1	—
(40%Imax) 5022.8	—
(50%Imax) 6278.49	—
(60%Imax) 7534.19	—
(70%Imax) 8789.89	—
(80%Imax) 10045.6	—
(90%Imax) 11301.3	—



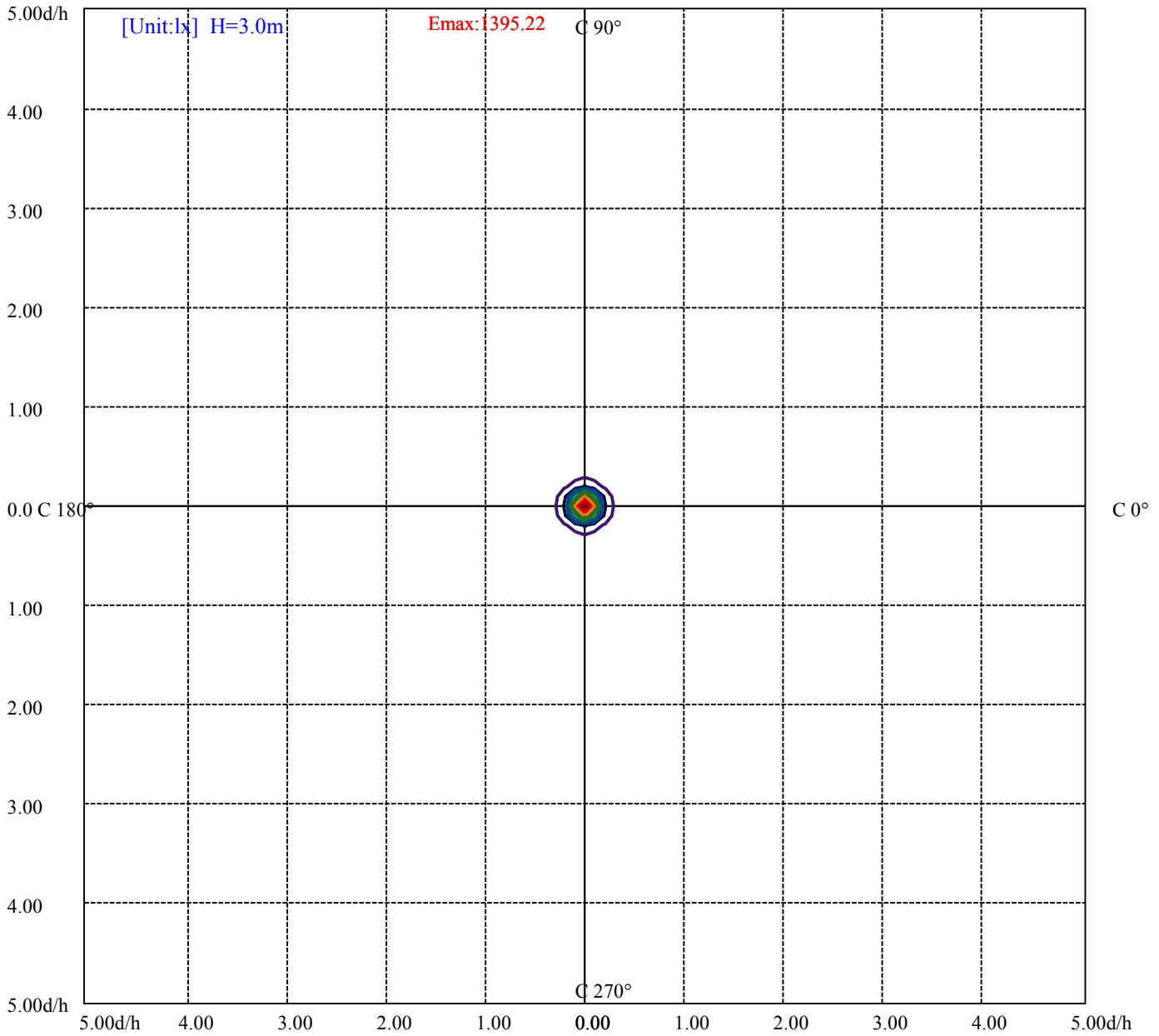
House

[Unit:cd]

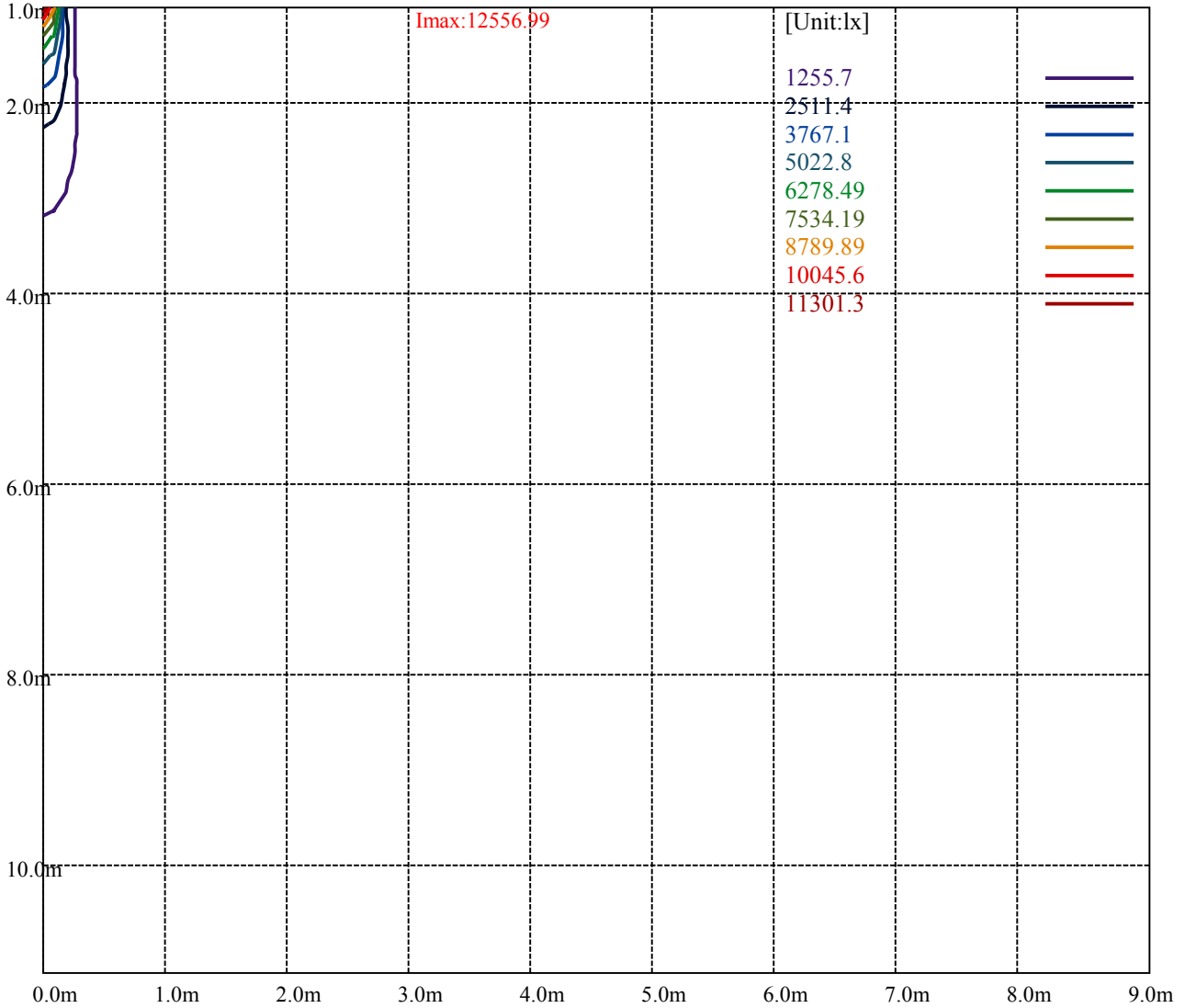
Road

Imax:12556.99

(10%Imax)	1255.7	—
(20%Imax)	2511.4	—
(30%Imax)	3767.1	—
(40%Imax)	5022.8	—
(50%Imax)	6278.49	—
(60%Imax)	7534.19	—
(70%Imax)	8789.89	—
(80%Imax)	10045.6	—
(90%Imax)	11301.3	—



(10%Emax) 139.5222	—
(20%Emax) 279.0433	—
(30%Emax) 418.5656	—
(40%Emax) 558.0867	—
(50%Emax) 697.6089	—
(60%Emax) 837.13	—
(70%Emax) 976.6522	—
(80%Emax) 1116.178	—
(90%Emax) 1255.7	—



Luminance Table

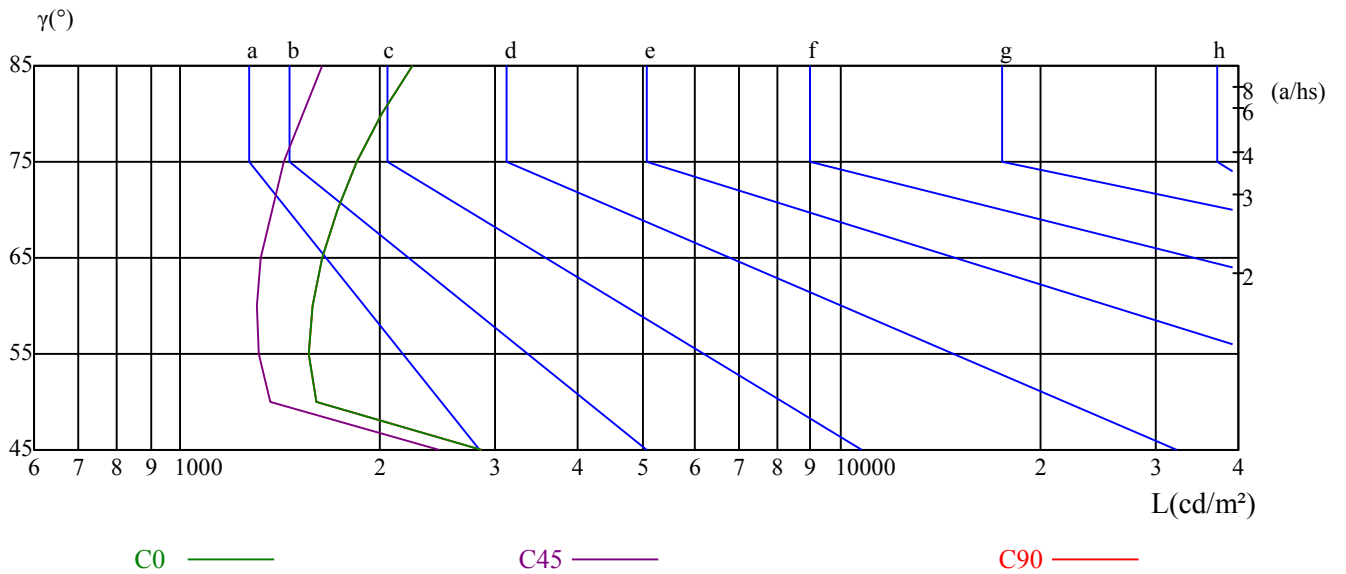
γ	45	50	55	60	65	70	75	80	85
C0	2852	1603	1567	1584	1638	1730	1853	2020	2240
C45	2464	1364	1312	1305	1326	1373	1438	1528	1644
C90	2852	1603	1567	1584	1638	1730	1853	2020	2240

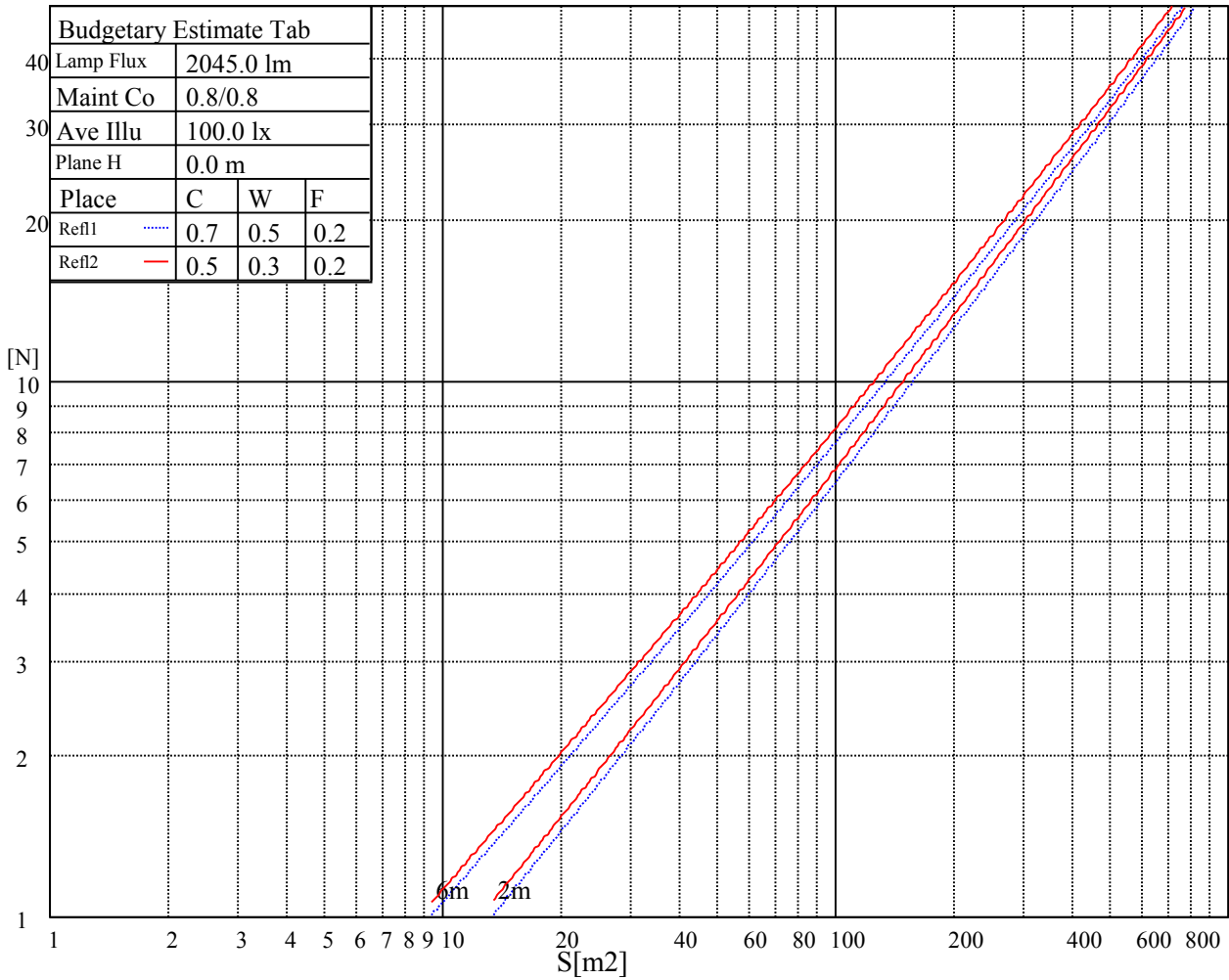
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
3795	3795	3795	6099	6099	6099	17968	17968	17968

Glare Table

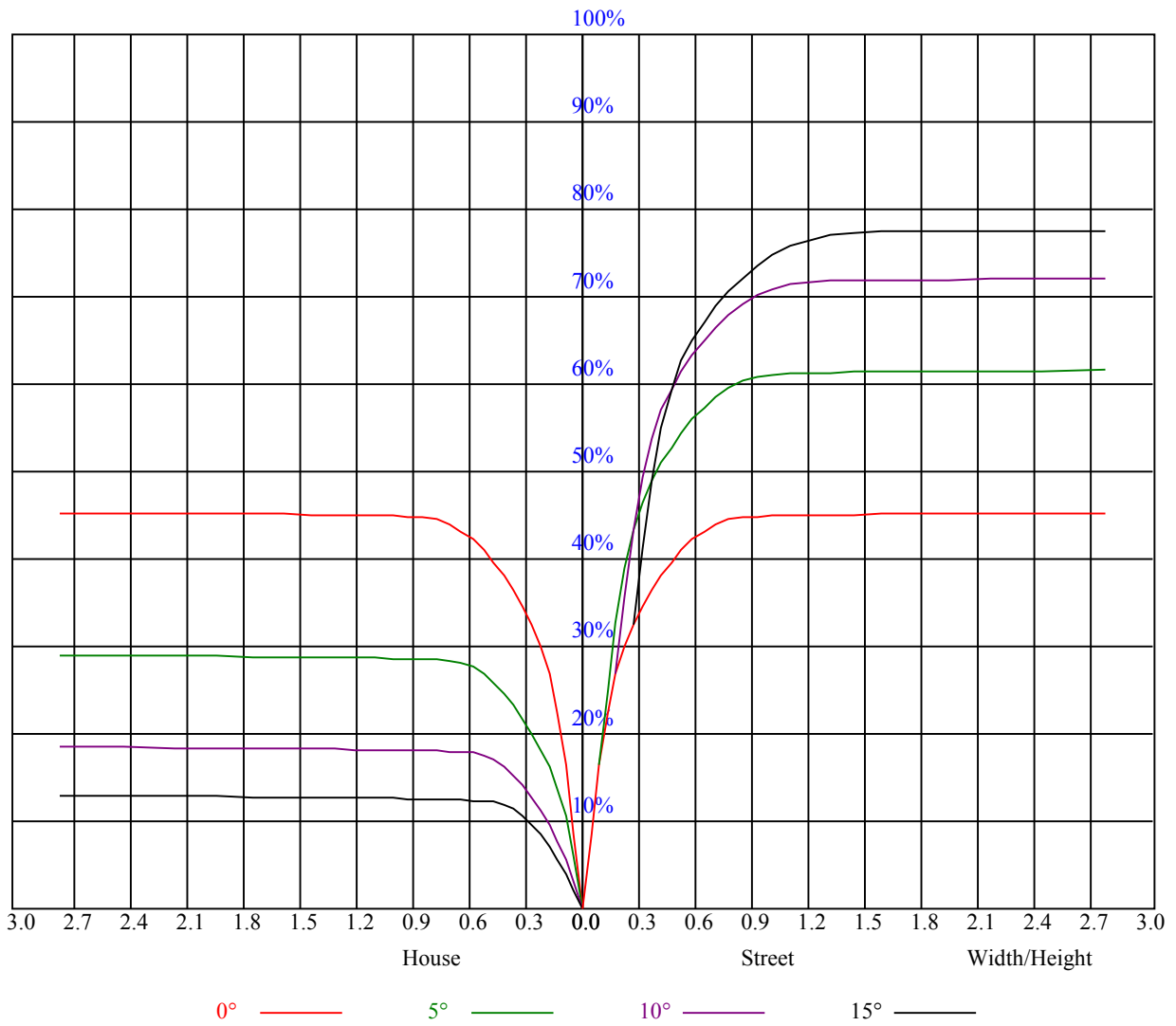
Glare	Quality	Service Values Illuminance(lx)							
		a	b	c	d	e	f	g	h
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance 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	1.09	1.09	1.09	1.07	1.07	1.07	1.02	1.02	1.02	0.98	0.98	0.98	0.94	0.94	0.94	0.92
1	1.02	1.00	0.98	1.00	0.98	0.96	0.96	0.95	0.93	0.93	0.91	0.90	0.90	0.89	0.88	0.86
2	0.97	0.93	0.91	0.95	0.92	0.90	0.92	0.90	0.88	0.89	0.87	0.86	0.87	0.85	0.84	0.83
3	0.92	0.88	0.85	0.91	0.87	0.84	0.88	0.86	0.83	0.86	0.84	0.82	0.84	0.82	0.81	0.79
4	0.88	0.84	0.81	0.87	0.83	0.80	0.85	0.82	0.79	0.83	0.81	0.78	0.82	0.79	0.78	0.76
5	0.84	0.80	0.77	0.84	0.80	0.77	0.82	0.79	0.76	0.81	0.78	0.75	0.79	0.77	0.75	0.74
6	0.81	0.77	0.74	0.81	0.77	0.74	0.79	0.76	0.73	0.78	0.75	0.73	0.77	0.74	0.72	0.71
7	0.78	0.74	0.71	0.78	0.74	0.71	0.77	0.73	0.71	0.76	0.73	0.70	0.75	0.72	0.70	0.69
8	0.76	0.72	0.69	0.75	0.71	0.69	0.74	0.71	0.68	0.74	0.70	0.68	0.73	0.70	0.68	0.67
9	0.73	0.69	0.67	0.73	0.69	0.67	0.72	0.69	0.66	0.72	0.68	0.66	0.71	0.68	0.66	0.65
10	0.71	0.67	0.65	0.71	0.67	0.65	0.70	0.67	0.64	0.70	0.67	0.64	0.69	0.66	0.64	0.63



Intensity data(cd)

C/γ(°)	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0
0.0	12602.41	12288.59	10394.65	7212.39	3975.07	2162.06	1428.71	1058.73	894.67
45.0	12470.27	12569.38	11501.28	8836.55	5290.92	2835.40	1712.80	1174.90	931.55
90.0	12569.38	12299.60	10614.32	7314.79	3965.16	2242.45	1426.51	1046.51	876.72
135.0	12585.89	12255.55	10504.76	7377.56	4085.18	2174.73	1462.85	1055.98	884.21
180.0	12602.41	11925.22	9781.87	6280.28	3285.77	1915.96	1270.15	974.77	848.31
225.0	12470.27	10930.35	8245.25	4791.56	2492.95	1567.46	1097.77	903.75	813.95
270.0	12569.38	11831.62	9392.62	6094.74	3248.33	1849.90	1265.75	987.71	858.33
315.0	12585.89	11925.22	9588.62	6123.37	3230.71	1902.20	1276.76	990.68	862.57
360.0	12602.41	12288.59	10394.65	7212.39	3975.07	2162.06	1428.71	1058.73	894.67
C/γ(°)	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5
0.0	821.44	774.09	731.70	690.41	645.26	524.14	347.41	161.48	41.51
45.0	830.80	782.35	750.97	713.53	667.83	588.00	422.83	285.74	68.05
90.0	794.79	753.50	722.06	683.86	644.49	531.46	343.99	179.48	43.60
135.0	808.23	765.28	731.70	690.96	646.91	529.64	354.01	167.76	40.80
180.0	785.43	745.41	711.38	670.86	617.07	474.37	291.63	116.00	26.04
225.0	767.49	733.30	693.66	652.14	564.38	391.89	200.52	62.93	20.98
270.0	802.72	765.83	726.19	686.00	624.34	464.13	282.99	109.29	23.56
315.0	797.88	762.26	726.47	683.03	622.47	475.52	287.17	124.04	27.14
360.0	821.44	774.09	731.70	690.41	645.26	524.14	347.41	161.48	41.51
C/γ(°)	45.0	47.5	50.0	52.5	55.0	57.5	60.0	62.5	65.0
0.0	16.46	9.74	8.81	8.48	8.26	8.15	8.04	7.93	7.87
45.0	19.27	11.23	9.19	8.75	8.53	8.31	8.15	8.04	7.98
90.0	17.40	10.35	8.75	8.48	8.31	8.09	8.04	7.93	7.87
135.0	18.06	11.78	8.70	8.48	8.26	8.09	8.04	7.93	7.87
180.0	15.58	10.74	8.64	8.42	8.20	8.09	7.98	7.93	7.87
225.0	12.44	9.80	8.64	8.37	8.20	8.04	7.98	7.87	7.82
270.0	13.98	9.74	8.70	8.42	8.20	8.04	7.98	7.93	7.82
315.0	14.42	9.52	8.53	8.31	8.15	7.98	7.87	7.82	7.76
360.0	16.46	9.74	8.81	8.48	8.26	8.15	8.04	7.93	7.87
C/γ(°)	67.5	70.0	72.5	75.0	77.5	80.0	82.5	85.0	87.5
0.0	7.82	7.82	7.76	7.76	7.76	7.76	7.71	7.71	7.71
45.0	7.93	7.87	7.87	7.76	7.76	7.76	7.76	7.76	7.71
90.0	7.82	7.82	7.76	7.71	7.71	7.71	7.71	7.65	7.71
135.0	7.87	7.82	7.76	7.76	7.71	7.71	7.65	7.65	7.65
180.0	7.82	7.76	7.76	7.76	7.71	7.71	7.71	7.71	7.71
225.0	7.76	7.76	7.71	7.71	7.71	7.65	7.65	7.65	7.65
270.0	7.76	7.76	7.71	7.71	7.65	7.71	7.65	7.60	7.65
315.0	7.76	7.71	7.65	7.71	7.71	7.65	7.65	7.65	7.71
360.0	7.82	7.82	7.76	7.76	7.76	7.76	7.71	7.71	7.71
C/γ(°)	90.0								
0.0	7.65								
45.0	7.71								
90.0	7.65								
135.0	7.65								
180.0	7.65								
225.0	7.65								
270.0	7.65								
315.0	7.65								
360.0	7.65								