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NT

Client:

LumCAT: 61-0201

Luminaire: 92.70.427.00

Report No: 20240718-B004

Ballast type: AC

Test No: 20240718-C004

Voltage(V): 220.000

LampCAT: LUMINUS CXM-6-AC40

Current(A): 0.083

Lamp flux(lm): 1082.2

Power (W): 10.100

Number of Lamps: 1

PF: 0.552

Length(mm): 45

Width(mm): 45

Phm Type: C

Height(mm): 21

Photometric Results

Lumens(lm): 936.03, Efficiency(%): 86.49% , Luminous Efficacy(lm/W): 92.68

Central intensity(cd): 8837.980, Maximum intensity(cd): 8837.980

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=16.8

[C90/270]Total=16.8

Field angle(10%Imax): [C0/180]Total=29.0

[C90/270]Total=29.0

Maximum s/h(1/2): C0_180=0.29 C90_270=0.29

Maximum s/h(1/4): C0_180=0.27 C90_270=0.27

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 86.49%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.811%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	8837.980	0.000	0	0.00%	0.00%
1.0	8768.704	8.424	8.424	0.78%	0.90%
2.0	8557.365	24.868	33.292	2.30%	3.56%
3.0	8231.760	40.154	73.447	3.71%	7.85%
4.0	7761.312	53.534	126.98	4.95%	13.57%
5.0	7154.361	64.166	191.147	5.93%	20.42%
6.0	6468.989	71.594	262.741	6.62%	28.07%
7.0	5648.943	75.216	337.957	6.95%	36.11%
8.0	4822.093	74.939	412.896	6.92%	44.11%
9.0	3919.603	70.847	483.743	6.55%	51.68%
10.0	3094.728	63.477	547.22	5.87%	58.46%
11.0	2297.081	53.875	601.095	4.98%	64.22%
12.0	1660.605	43.263	644.359	4.00%	68.84%
13.0	1320.860	35.382	679.741	3.27%	72.62%
14.0	1004.700	29.767	709.508	2.75%	75.80%
15.0	770.866	24.376	733.884	2.25%	78.40%
16.0	589.965	19.940	753.824	1.84%	80.53%
17.0	456.622	16.298	770.122	1.51%	82.28%
18.0	359.277	13.452	783.574	1.24%	83.71%
19.0	289.760	11.292	794.866	1.04%	84.92%
20.0	252.408	9.923	804.789	0.92%	85.98%
21.0	218.852	9.049	813.839	0.84%	86.95%
22.0	159.093	7.595	821.433	0.70%	87.76%
23.0	135.838	6.188	827.622	0.57%	88.42%
24.0	116.613	5.519	833.141	0.51%	89.01%
25.0	101.485	4.959	838.101	0.46%	89.54%
26.0	88.969	4.496	842.596	0.42%	90.02%
27.0	78.654	4.101	846.697	0.38%	90.46%
28.0	69.773	3.758	850.455	0.35%	90.86%
29.0	63.204	3.479	853.934	0.32%	91.23%
30.0	57.937	3.271	857.205	0.30%	91.58%
31.0	53.760	3.108	860.313	0.29%	91.91%
32.0	50.695	2.993	863.306	0.28%	92.23%
33.0	48.244	2.915	866.221	0.27%	92.54%
34.0	45.926	2.850	869.07	0.26%	92.85%
35.0	44.097	2.796	871.866	0.26%	93.15%
36.0	42.458	2.756	874.622	0.25%	93.44%
37.0	40.388	2.702	877.324	0.25%	93.73%

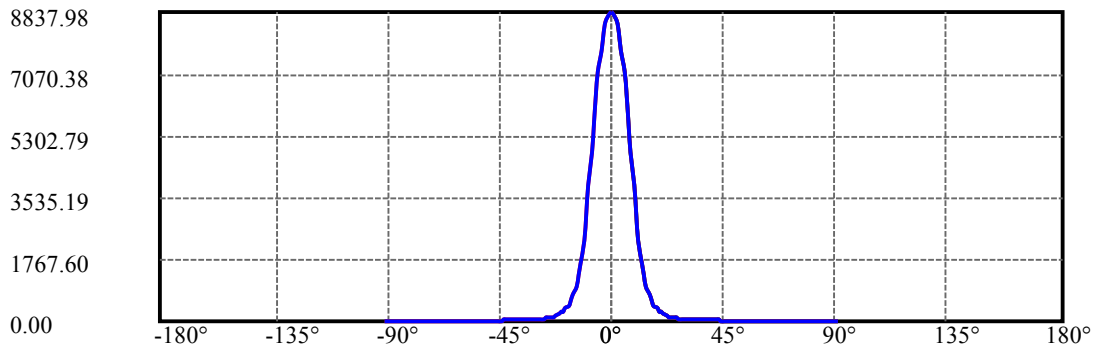
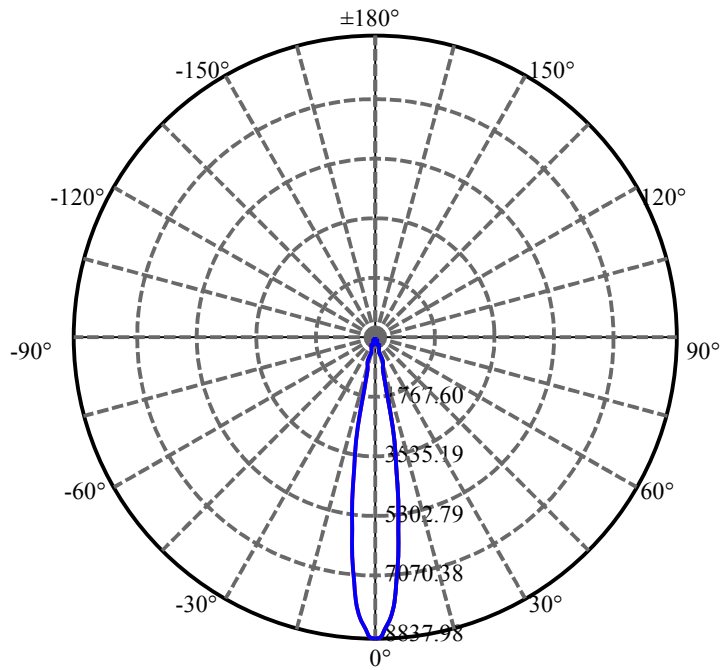
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	38.676	2.639	879.963	0.24%	94.01%
39.0	36.737	2.574	882.537	0.24%	94.29%
40.0	34.931	2.500	885.037	0.23%	94.55%
41.0	33.153	2.424	887.461	0.22%	94.81%
42.0	31.222	2.339	889.8	0.22%	95.06%
43.0	29.217	2.239	892.039	0.21%	95.30%
44.0	27.315	2.134	894.173	0.20%	95.53%
45.0	25.421	2.027	896.199	0.19%	95.74%
46.0	23.658	1.919	898.119	0.18%	95.95%
47.0	21.792	1.808	899.926	0.17%	96.14%
48.0	20.081	1.693	901.619	0.16%	96.32%
49.0	18.508	1.585	903.204	0.15%	96.49%
50.0	17.015	1.481	904.685	0.14%	96.65%
51.0	15.728	1.385	906.07	0.13%	96.80%
52.0	14.521	1.298	907.368	0.12%	96.94%
53.0	13.533	1.220	908.588	0.11%	97.07%
54.0	12.612	1.152	909.741	0.11%	97.19%
55.0	11.800	1.090	910.83	0.10%	97.31%
56.0	11.010	1.031	911.861	0.10%	97.42%
57.0	10.402	0.979	912.84	0.09%	97.52%
58.0	9.868	0.937	913.778	0.09%	97.62%
59.0	9.386	0.900	914.678	0.08%	97.72%
60.0	8.976	0.867	915.545	0.08%	97.81%
61.0	8.617	0.840	916.385	0.08%	97.90%
62.0	8.296	0.815	917.2	0.08%	97.99%
63.0	8.010	0.793	917.993	0.07%	98.07%
64.0	7.776	0.775	918.767	0.07%	98.16%
65.0	7.571	0.760	919.527	0.07%	98.24%
66.0	7.388	0.746	920.273	0.07%	98.32%
67.0	7.220	0.735	921.008	0.07%	98.40%
68.0	7.052	0.723	921.731	0.07%	98.47%
69.0	6.913	0.712	922.443	0.07%	98.55%
70.0	6.781	0.703	923.147	0.06%	98.62%
71.0	6.657	0.695	923.841	0.06%	98.70%
72.0	6.562	0.687	924.528	0.06%	98.77%
73.0	6.467	0.681	925.21	0.06%	98.84%
74.0	6.372	0.675	925.885	0.06%	98.92%
75.0	6.291	0.669	926.554	0.06%	98.99%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	6.196	0.663	927.217	0.06%	99.06%
77.0	6.130	0.657	927.874	0.06%	99.13%
78.0	6.035	0.651	928.525	0.06%	99.20%
79.0	5.977	0.645	929.17	0.06%	99.27%
80.0	5.896	0.640	929.811	0.06%	99.34%
81.0	5.860	0.636	930.446	0.06%	99.40%
82.0	5.808	0.633	931.079	0.06%	99.47%
83.0	5.845	0.633	931.712	0.06%	99.54%
84.0	5.860	0.638	932.35	0.06%	99.61%
85.0	5.772	0.635	932.985	0.06%	99.67%
86.0	5.655	0.625	933.61	0.06%	99.74%
87.0	5.596	0.616	934.225	0.06%	99.81%
88.0	5.508	0.608	934.834	0.06%	99.87%
89.0	5.457	0.601	935.435	0.06%	99.94%
90.0	5.421	0.596	936.031	0.06%	100.00%

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Lamp	%Fixt
0-30	857.20	79.21%	91.58%
0-40	885.04	81.78%	94.55%
0-60	915.55	84.60%	97.81%
0-90	935.43	86.44%	99.94%
0-120	935.43	86.44%	99.94%
0-180	936.03	86.49%	100.00%
60-90	19.89	1.84%	2.12%
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%
0-15.75	748.82	69.19%	80.00%

ZONAL LUMEN SUMMARY

0-10	547.22
10-20	257.57
20-30	52.42
30-40	27.83
40-50	19.65
50-60	10.86
60-70	7.60
70-80	6.66
80-90	5.62
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:

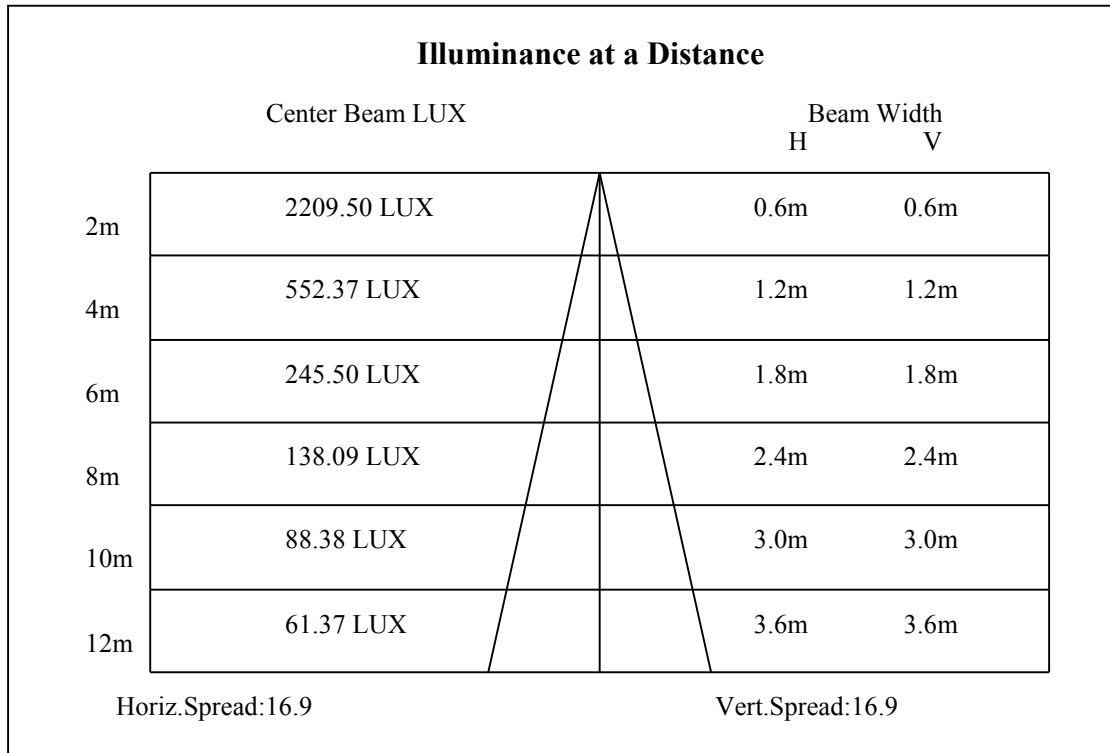
C90/C270:

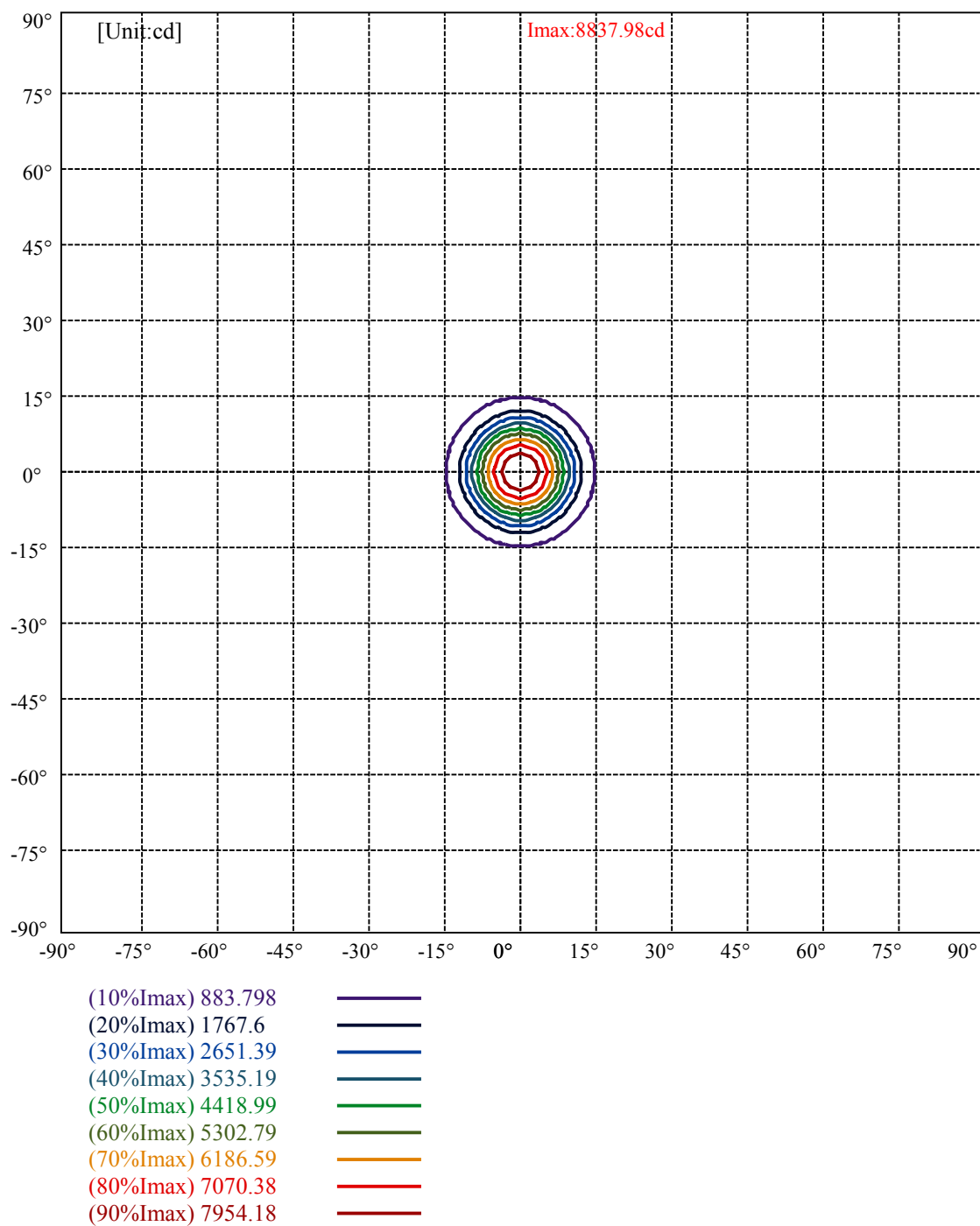
Field angle(10%Imax):C0/180Left:14.5 Right:14.5

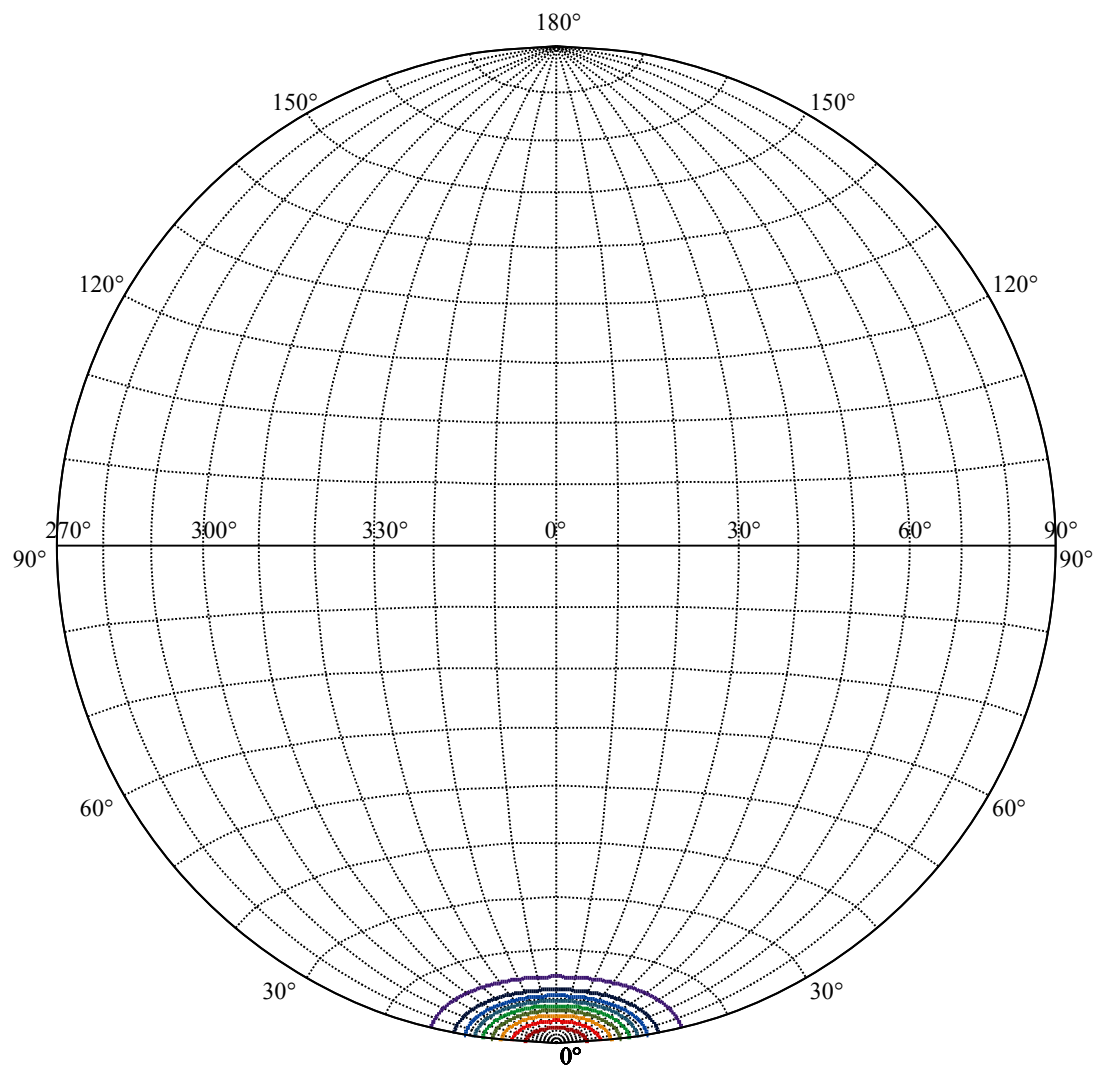
:C90/270Left:14.5 Right:14.5

Beam Angle(50%Imax):C0/180Left:8.4 Right:8.4

:C90/270Left:8.4 Right:8.4





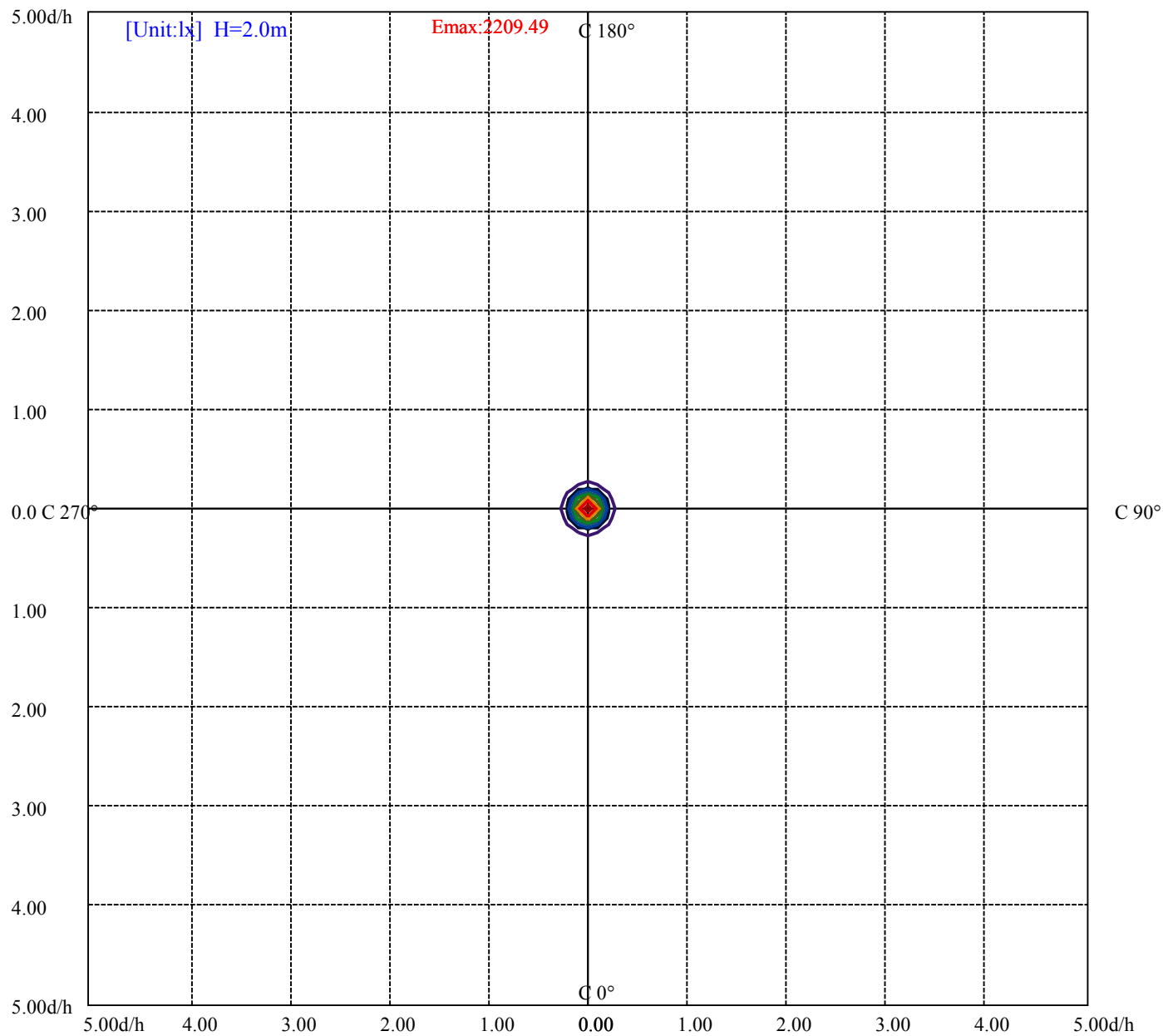


House

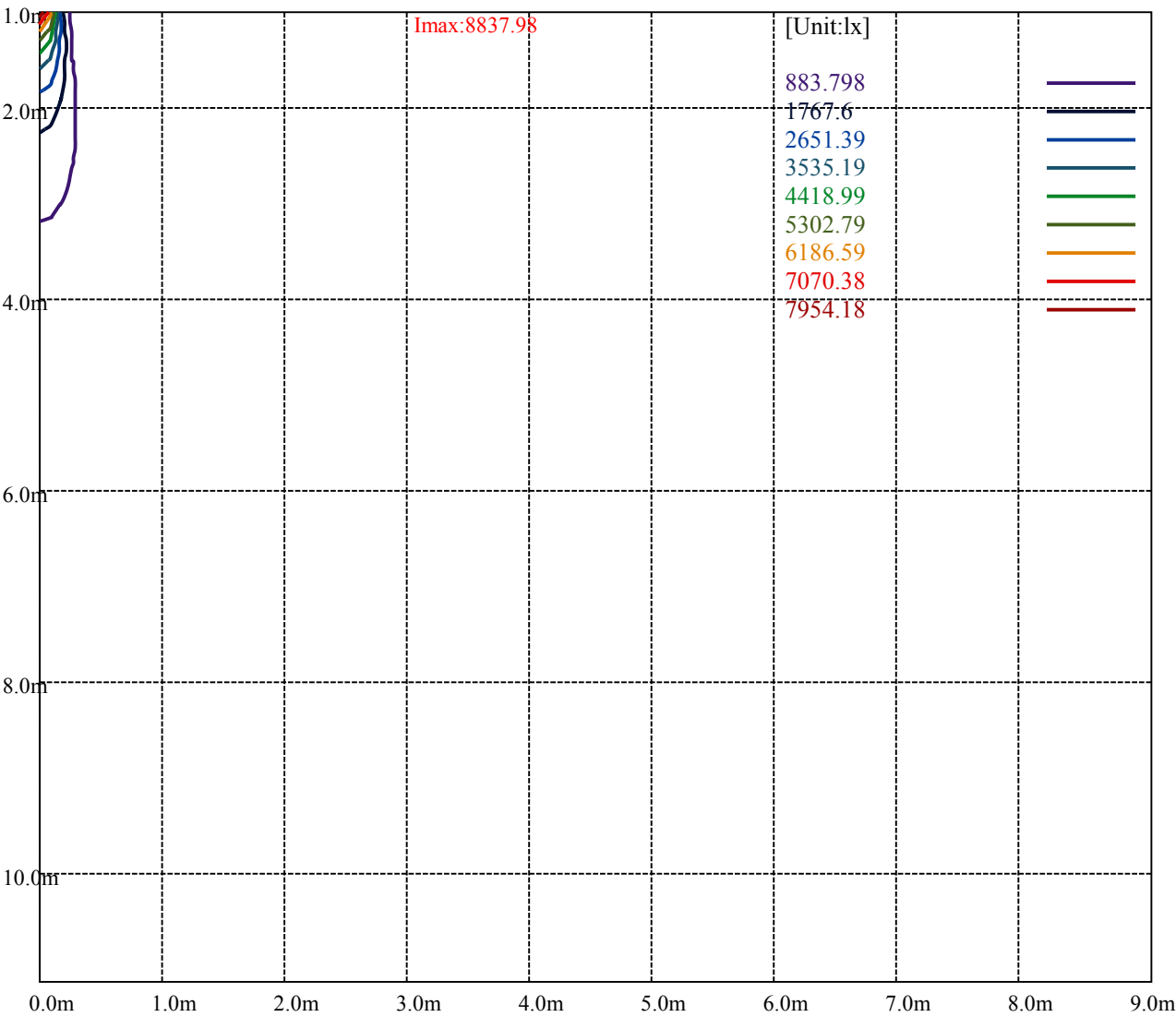
[Unit:cd]

Road

Imax:8837.98	
(10%Imax) 883.798	
(20%Imax) 1767.6	
(30%Imax) 2651.39	
(40%Imax) 3535.19	
(50%Imax) 4418.99	
(60%Imax) 5302.79	
(70%Imax) 6186.59	
(80%Imax) 7070.38	
(90%Imax) 7954.18	



(10%Emax) 220.9492	—
(20%Emax) 441.8975	—
(30%Emax) 662.8475	—
(40%Emax) 883.7975	—
(50%Emax) 1104.745	—
(60%Emax) 1325.695	—
(70%Emax) 1546.645	—
(80%Emax) 1767.595	—
(90%Emax) 1988.542	—



Luminance Table

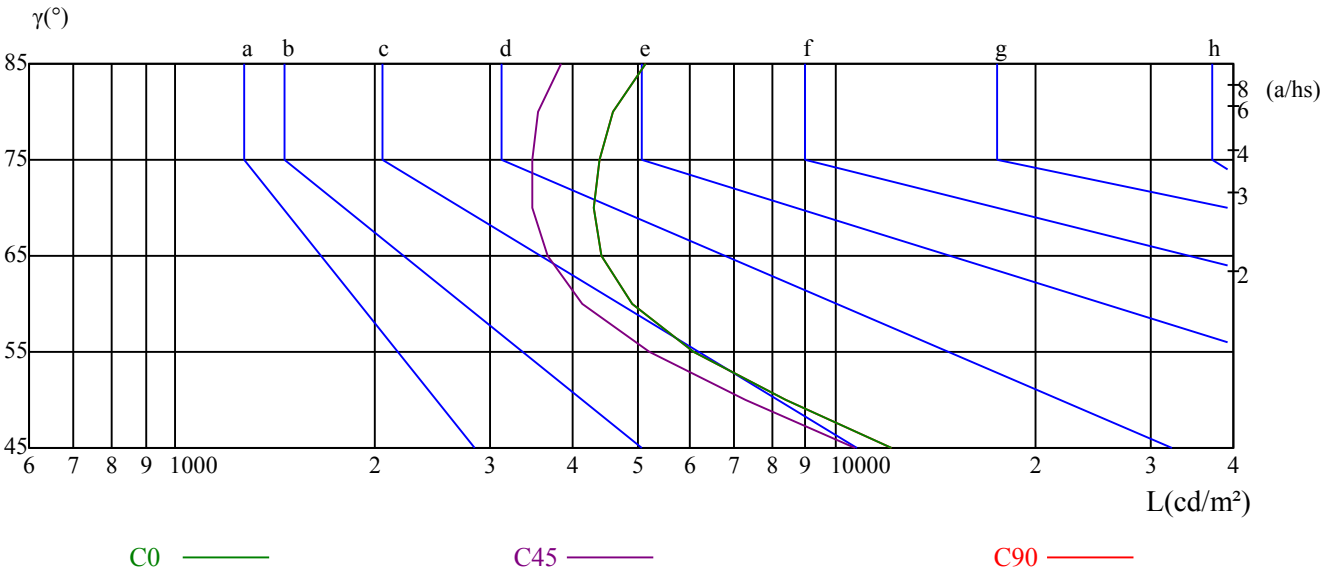
γ	45	50	55	60	65	70	75	80	85
C0	12104	8400	6096	4902	4422	4290	4378	4598	5163
C45	10695	7317	5230	4137	3663	3480	3466	3535	3828
C90	12104	8400	6096	4902	4422	4290	4378	4598	5163

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
8847	8847	8847	12004	12004	12004	32703	32703	32703

Glare Table

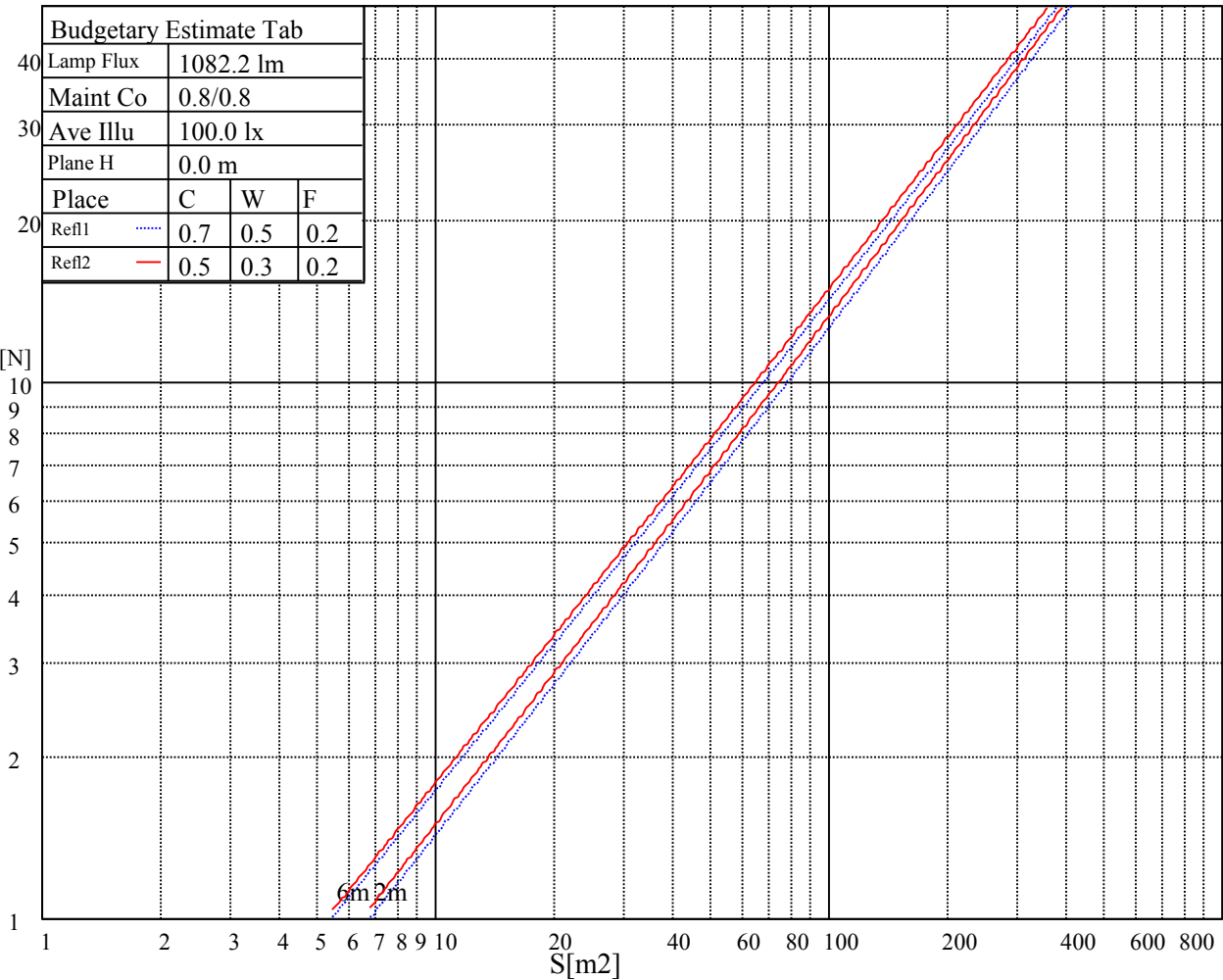
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

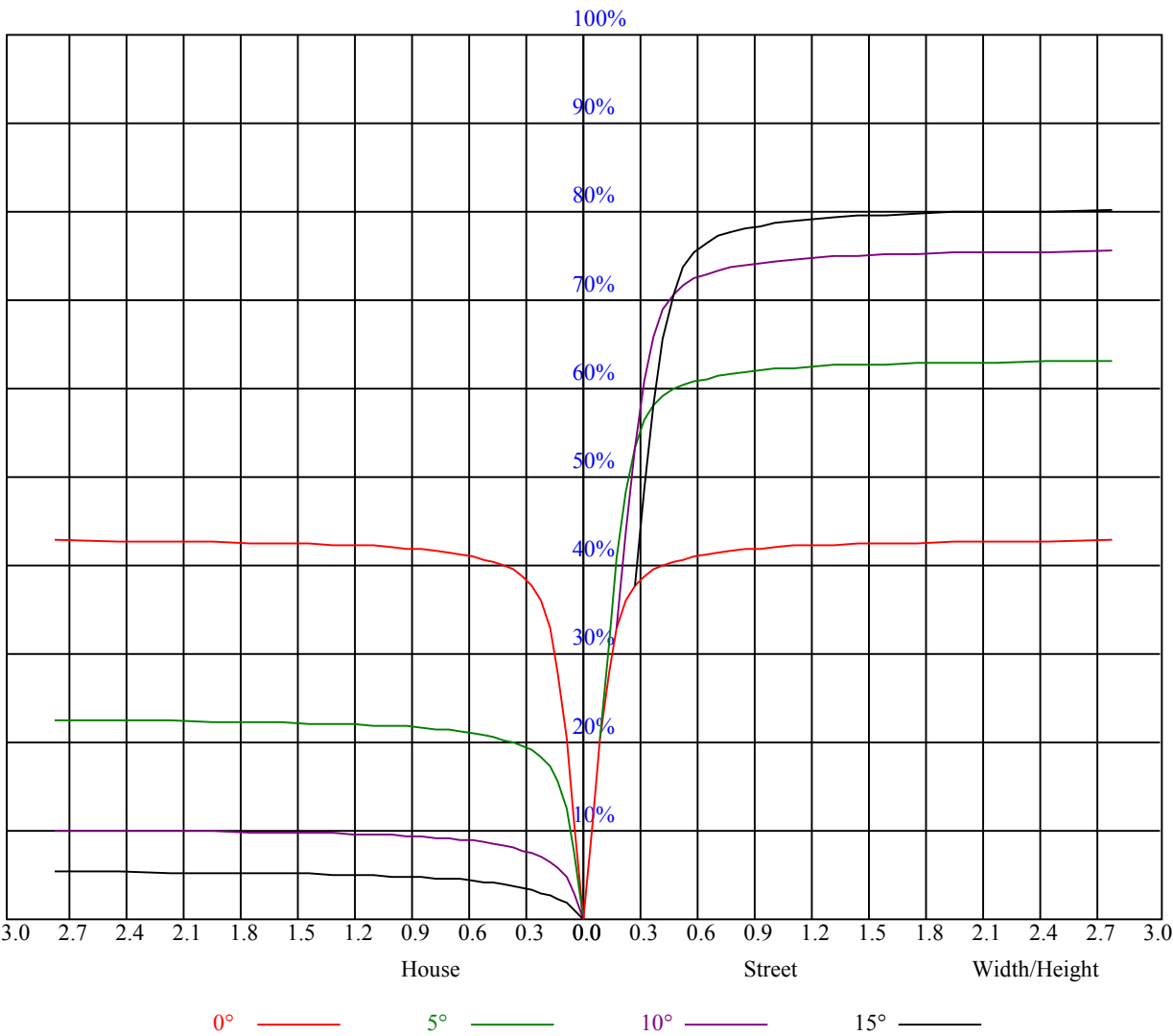


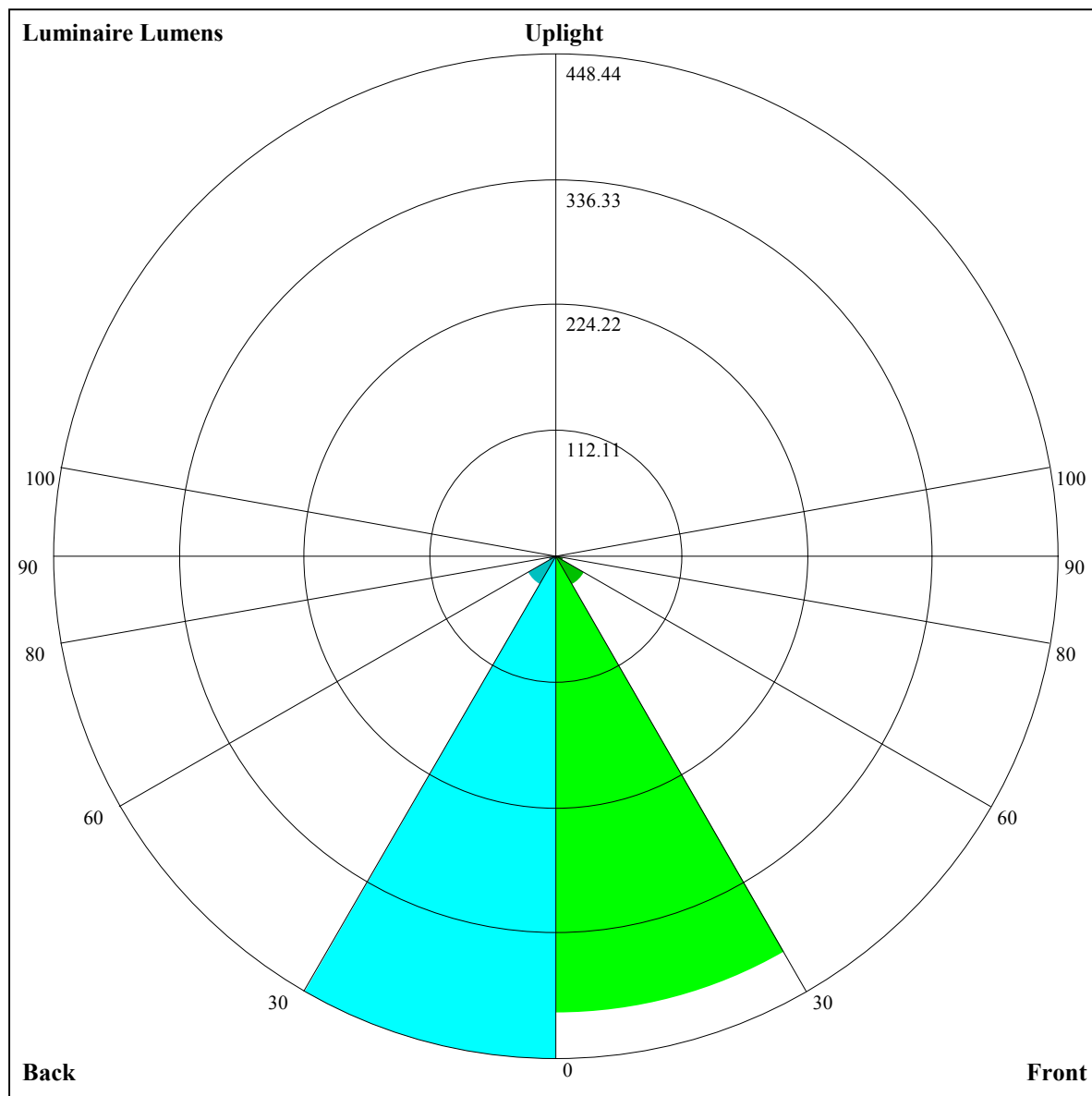
Illumination assessment according UGR											
Rf of Ceiling		70	70	50	50	30	70	70	50	50	30
Rf of Wall		50	30	50	30	30	50	30	50	30	30
Rf of Floor		20	20	20	20	20	20	20	20	20	20
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	11.19	12.15	11.55	12.46	12.78	11.18	12.14	11.54	12.45	12.77
	3H	12.21	13.07	12.60	13.41	13.75	12.13	12.99	12.52	13.32	13.67
	4H	12.90	13.70	13.30	14.05	14.42	12.77	13.56	13.17	13.91	14.28
	6H	13.76	14.49	14.18	14.86	15.26	13.56	14.29	13.98	14.67	15.07
	8H	14.24	14.94	14.66	15.32	15.73	14.00	14.69	14.42	15.08	15.49
	12H	14.82	15.48	15.25	15.87	16.29	14.48	15.13	14.90	15.53	15.95
4H	2H	11.38	12.18	11.79	12.53	12.90	11.37	12.17	11.77	12.52	12.89
	3H	12.65	13.32	13.08	13.72	14.13	12.57	13.24	13.00	13.63	14.05
	4H	13.58	14.16	14.02	14.59	15.04	13.45	14.03	13.89	14.45	14.90
	6H	14.62	15.14	15.10	15.59	16.04	14.43	14.94	14.90	15.39	15.85
	8H	15.25	15.73	15.74	16.19	16.66	15.01	15.48	15.49	15.94	16.41
	12H	16.00	16.43	16.49	16.89	17.41	15.63	16.07	16.12	16.52	17.04
8H	4H	13.84	14.31	14.32	14.77	15.24	13.72	14.19	14.20	14.65	15.12
	6H	15.10	15.49	15.60	15.96	16.48	14.92	15.31	15.42	15.79	16.30
	8H	15.93	16.26	16.47	16.78	17.28	15.70	16.02	16.23	16.55	17.04
	12H	16.87	17.12	17.41	17.63	18.16	16.51	16.76	17.05	17.28	17.80
12H	4H	13.89	14.33	14.38	14.78	15.30	13.78	14.21	14.27	14.67	15.19
	6H	15.26	15.59	15.80	16.11	16.61	15.10	15.42	15.63	15.95	16.44
	8H	16.14	16.39	16.68	16.91	17.43	15.92	16.17	16.46	16.69	17.21
Variation with the observer position at spacings:											
S = 1.0H		0.6/-1.0					0.6/-1.0				
S = 1.5H		0.9/-1.1					0.9/-1.1				
S = 2.0H		1.3/-1.1					1.3/-1.1				
Standard tables:		BKBF					BKBF				
Uncorrected UGR		-0.2					-0.2				

UGR calculation is based on CIE Publ. 117 ,S/H = 0.25



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	1.03	1.03	1.03	1.01	1.01	1.01	0.96	0.96	0.96	0.92	0.92	0.92	0.88	0.88	0.88	0.86
1	0.98	0.96	0.95	0.96	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.86	0.86	0.85	0.84
2	0.93	0.91	0.89	0.92	0.90	0.88	0.89	0.88	0.86	0.87	0.85	0.84	0.85	0.83	0.82	0.81
3	0.90	0.87	0.85	0.89	0.86	0.84	0.87	0.85	0.83	0.85	0.83	0.82	0.83	0.82	0.80	0.79
4	0.87	0.84	0.82	0.86	0.83	0.81	0.85	0.82	0.80	0.83	0.81	0.79	0.82	0.80	0.78	0.77
5	0.85	0.81	0.79	0.84	0.81	0.79	0.83	0.80	0.78	0.81	0.79	0.77	0.80	0.78	0.77	0.76
6	0.82	0.79	0.77	0.82	0.79	0.77	0.81	0.78	0.76	0.80	0.77	0.76	0.79	0.77	0.75	0.74
7	0.81	0.77	0.75	0.80	0.77	0.75	0.79	0.77	0.75	0.78	0.76	0.74	0.78	0.75	0.74	0.73
8	0.79	0.76	0.74	0.78	0.76	0.73	0.78	0.75	0.73	0.77	0.75	0.73	0.76	0.74	0.73	0.72
9	0.77	0.74	0.72	0.77	0.74	0.72	0.76	0.74	0.72	0.76	0.73	0.72	0.75	0.73	0.72	0.71
10	0.76	0.73	0.71	0.76	0.73	0.71	0.75	0.73	0.71	0.75	0.72	0.71	0.74	0.72	0.71	0.70





Luminaire Lumens:

FL=408.33,FM=28.86,FH=7.14,FVH=3.1

BL=448.44,BM=29.49,BH=7.14,BVH=3.1

UL=0,UH=0

BUG Rating:B1-U0-G0

Intensity data(cd)

Appendix Page: 18 Total:20

C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	8795.41	8581.80	8267.53	7835.05	7298.40	6484.94	5739.95	4952.82	4141.70
45.0	8856.27	8890.21	8728.69	8488.75	8011.20	7490.35	6893.42	6188.81	5230.21
90.0	8904.26	8824.08	8543.76	8188.53	7616.76	6999.35	6302.35	5327.36	4516.24
135.0	8795.99	8915.96	8870.31	8670.17	8357.07	7809.89	7238.12	6554.58	5777.40
180.0	8795.41	8881.43	8832.27	8645.00	8250.56	7812.23	7103.52	6408.27	5619.97
225.0	8856.27	8715.23	8383.99	7993.06	7499.13	6904.54	6181.79	5207.39	4392.17
270.0	8904.26	8839.30	8652.02	8295.62	7876.02	7392.62	6745.36	5831.24	5010.17
315.0	8795.99	8501.62	8180.33	7737.90	7181.35	6340.97	5547.41	4721.07	3888.88
360.0	8795.41	8581.80	8267.53	7835.05	7298.40	6484.94	5739.95	4952.82	4141.70
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	3167.30	2483.75	1525.74	1112.86	1042.52	766.41	605.77	481.93	368.34
45.0	4436.06	3658.89	2919.16	2131.45	1632.25	1251.85	910.08	714.03	563.04
90.0	3710.97	2765.25	2117.40	1139.02	1139.02	881.93	690.27	542.91	432.89
135.0	4755.01	3938.04	3147.40	2441.03	1728.23	1300.43	989.67	711.69	554.27
180.0	4611.05	3788.81	3012.80	2343.30	1677.90	1272.92	981.48	768.46	564.22
225.0	3582.22	2678.63	2063.56	1120.00	1120.00	863.15	669.61	524.24	391.75
270.0	4187.34	3209.43	2481.41	1887.99	1322.08	1000.21	771.97	565.97	446.59
315.0	2906.87	2235.03	1109.18	1109.18	904.87	700.69	548.06	410.48	331.88
360.0	3167.30	2483.75	1525.74	1112.86	1042.52	766.41	605.77	481.93	368.34
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	301.27	248.66	207.58	168.78	145.08	126.12	110.55	94.57	84.33
45.0	427.86	347.10	298.52	298.52	185.28	157.84	131.79	115.17	100.95
90.0	332.29	271.72	224.67	180.19	153.27	133.08	111.54	98.20	86.91
135.0	437.22	332.47	301.45	301.45	179.37	153.15	132.14	111.43	97.73
180.0	446.00	357.63	302.03	302.03	180.66	146.95	126.58	110.43	94.10
225.0	313.45	242.75	201.43	169.72	145.66	122.25	106.75	93.75	82.93
270.0	359.39	304.38	304.38	182.94	154.97	134.78	114.53	100.31	88.60
315.0	256.74	213.37	179.20	147.18	128.46	112.54	99.02	88.02	76.20
360.0	301.27	248.66	207.58	168.78	145.08	126.12	110.55	94.57	84.33
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	75.44	66.54	61.04	56.88	52.79	49.45	47.64	46.06	44.13
45.0	89.31	77.25	69.70	63.91	58.99	54.89	52.20	49.39	46.29
90.0	75.55	67.65	61.92	57.59	53.37	50.68	49.04	46.12	44.65
135.0	86.09	76.37	67.18	61.21	56.77	53.49	49.80	47.52	46.94
180.0	83.34	74.38	66.42	59.63	55.30	51.73	49.39	46.76	43.95
225.0	71.87	65.08	59.63	55.77	51.44	48.69	46.64	44.71	43.01
270.0	79.24	68.82	62.79	56.30	52.49	49.57	46.82	44.95	43.19
315.0	68.41	62.09	56.94	52.20	48.92	47.05	44.42	41.90	40.61
360.0	75.44	66.54	61.04	56.88	52.79	49.45	47.64	46.06	44.13
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	42.43	40.67	38.45	36.81	35.29	33.65	31.37	29.44	27.39
45.0	44.24	41.67	40.20	38.33	36.23	33.71	31.54	29.55	27.86
90.0	43.31	41.26	38.68	36.81	34.41	32.83	30.96	28.85	26.45
135.0	45.06	43.37	41.61	39.21	37.98	36.52	34.35	32.54	30.37
180.0	42.43	40.09	38.74	37.16	35.17	33.30	31.43	29.09	27.56
225.0	41.26	39.09	37.57	34.94	33.12	31.49	29.73	27.39	25.69
270.0	40.97	38.68	37.51	36.23	34.65	32.71	30.96	29.38	27.56
315.0	39.97	38.27	36.64	34.41	32.60	31.02	29.44	27.51	25.63
360.0	42.43	40.67	38.45	36.81	35.29	33.65	31.37	29.44	27.39

Intensity data(cd)

Appendix Page: 19 Total:20

C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	24.99	23.23	21.01	19.31	17.62	15.74	14.63	13.75	12.93
45.0	25.69	24.05	22.36	20.72	18.90	17.56	15.92	14.86	13.87
90.0	24.64	22.94	21.30	19.25	17.85	16.56	15.45	14.22	13.34
135.0	28.56	26.28	24.52	22.71	21.19	19.20	17.79	16.04	14.92
180.0	26.04	24.40	22.41	20.89	19.43	18.02	16.50	15.39	14.16
225.0	24.05	22.36	20.42	18.96	17.56	16.04	14.92	13.69	12.82
270.0	25.87	24.17	22.00	20.37	18.49	17.21	15.92	14.75	13.58
315.0	23.53	21.83	20.31	18.43	17.03	15.80	14.69	13.46	12.64
360.0	24.99	23.23	21.01	19.31	17.62	15.74	14.63	13.75	12.93
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	12.00	11.29	10.77	10.30	9.83	9.42	9.07	8.78	8.49
45.0	12.82	12.06	11.24	10.59	9.95	9.54	9.07	8.72	8.37
90.0	12.35	11.53	10.71	10.07	9.60	9.19	8.78	8.49	8.19
135.0	14.05	12.99	12.11	11.29	10.71	10.01	9.48	8.90	8.54
180.0	13.23	12.41	11.41	10.77	10.24	9.66	9.25	8.90	8.54
225.0	12.06	11.29	10.48	9.95	9.48	9.07	8.60	8.31	8.02
270.0	12.64	11.88	11.18	10.53	9.89	9.42	9.07	8.66	8.37
315.0	11.76	10.94	10.18	9.71	9.25	8.78	8.49	8.19	7.84
360.0	12.00	11.29	10.77	10.30	9.83	9.42	9.07	8.78	8.49
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	8.25	8.02	7.84	7.72	7.55	7.43	7.32	7.14	7.02
45.0	8.08	7.84	7.61	7.37	7.20	7.02	6.91	6.79	6.61
90.0	7.96	7.72	7.55	7.37	7.26	7.02	6.91	6.79	6.67
135.0	8.19	7.96	7.72	7.49	7.37	7.20	7.02	6.91	6.79
180.0	8.25	7.96	7.72	7.55	7.32	7.14	6.96	6.85	6.73
225.0	7.72	7.49	7.32	7.14	6.96	6.85	6.67	6.55	6.44
270.0	8.02	7.78	7.61	7.43	7.20	7.02	6.91	6.73	6.61
315.0	7.61	7.43	7.20	7.02	6.91	6.73	6.61	6.50	6.38
360.0	8.25	8.02	7.84	7.72	7.55	7.43	7.32	7.14	7.02
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	6.96	6.91	6.79	6.67	6.61	6.50	6.44	6.32	6.26
45.0	6.55	6.44	6.32	6.26	6.14	6.09	5.97	5.91	5.85
90.0	6.55	6.44	6.38	6.32	6.20	6.09	6.03	5.97	5.85
135.0	6.67	6.55	6.50	6.38	6.26	6.26	6.20	6.14	6.09
180.0	6.61	6.50	6.38	6.26	6.14	6.09	5.97	5.91	5.79
225.0	6.38	6.26	6.20	6.14	6.09	6.03	5.91	5.91	5.79
270.0	6.50	6.44	6.32	6.26	6.14	6.09	5.97	5.91	5.85
315.0	6.26	6.20	6.09	6.03	5.97	5.91	5.79	5.74	5.68
360.0	6.96	6.91	6.79	6.67	6.61	6.50	6.44	6.32	6.26
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	6.26	6.26	6.44	6.61	6.50	6.44	6.26	6.20	6.20
45.0	5.74	5.68	5.62	5.62	5.44	5.33	5.33	5.27	5.09
90.0	5.79	5.74	5.85	5.74	5.56	5.44	5.38	5.27	5.21
135.0	6.03	5.97	5.97	6.03	6.14	6.09	6.09	5.97	5.97
180.0	5.79	5.68	5.62	5.68	5.74	5.38	5.33	5.27	5.15
225.0	5.79	5.79	5.79	5.74	5.68	5.62	5.56	5.50	5.50
270.0	5.85	5.74	5.79	5.97	5.74	5.62	5.56	5.44	5.38
315.0	5.62	5.62	5.68	5.50	5.38	5.33	5.27	5.15	5.15
360.0	6.26	6.26	6.44	6.61	6.50	6.44	6.26	6.20	6.20

Intensity data(cd)

C/ $\gamma(^{\circ})$	90.0
0.0	6.26
45.0	5.03
90.0	5.15
135.0	5.91
180.0	5.09
225.0	5.44
270.0	5.38
315.0	5.09
360.0	6.26