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NT

Client:

LumCAT: 2-2678-L

Luminaire: 92.70.412.00

Report No: 2024228-B018

Ballast type: AC

Test No: 2024228-C018

Voltage(V): 0.000

LampCAT: CITIZEN CLU038 LES14.5

Current(A): 0.000

Lamp flux(lm): 2613.0

Power (W): 0.000

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2224.50, Efficiency(%): 85.13% , Luminous Efficacy(lm/W): 0.00

Central intensity(cd): 9976.682, Maximum intensity(cd): 9976.682

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=20.0

[C90/270]Total=20.0

Field angle(10%Imax): [C0/180]Total=51.8

[C90/270]Total=51.8

Maximum s/h(1/2): C0_180=0.34 C90_270=0.34

Maximum s/h(1/4): C0_180=0.37 C90_270=0.37

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 85.13%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.088%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/2/28
Humidity(%): 60.0%

Operator: NT07
Distance(m): 7.65

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	9976.682	0.000	0	0.00%	0.00%
1.0	9911.137	9.516	9.516	0.36%	0.43%
2.0	9724.303	28.183	37.699	1.08%	1.69%
3.0	9380.850	45.693	83.392	1.75%	3.75%
4.0	8948.441	61.354	144.746	2.35%	6.51%
5.0	8380.627	74.549	219.295	2.85%	9.86%
6.0	7749.096	84.766	304.061	3.24%	13.67%
7.0	7088.523	92.097	396.157	3.52%	17.81%
8.0	6341.191	96.114	492.271	3.68%	22.13%
9.0	5629.923	97.019	589.291	3.71%	26.49%
10.0	4991.808	96.123	685.413	3.68%	30.81%
11.0	4386.686	93.710	779.124	3.59%	35.02%
12.0	3825.309	89.769	868.893	3.44%	39.06%
13.0	3380.684	85.517	954.41	3.27%	42.90%
14.0	2962.321	81.190	1035.6	3.11%	46.55%
15.0	2644.105	76.968	1112.567	2.95%	50.01%
16.0	2358.954	73.309	1185.876	2.81%	53.31%
17.0	2116.452	69.694	1255.57	2.67%	56.44%
18.0	1917.768	66.516	1322.086	2.55%	59.43%
19.0	1748.272	63.782	1385.867	2.44%	62.30%
20.0	1587.189	61.048	1446.915	2.34%	65.04%
21.0	1437.554	58.081	1504.997	2.22%	67.66%
22.0	1336.530	55.746	1560.743	2.13%	70.16%
23.0	1215.659	53.552	1614.295	2.05%	72.57%
24.0	1149.075	51.702	1665.996	1.98%	74.89%
25.0	1066.792	50.384	1716.38	1.93%	77.16%
26.0	987.253	48.486	1764.866	1.86%	79.34%
27.0	913.083	46.492	1811.358	1.78%	81.43%
28.0	837.296	44.316	1855.674	1.70%	83.42%
29.0	756.052	41.686	1897.361	1.60%	85.29%
30.0	676.659	38.683	1936.044	1.48%	87.03%
31.0	593.045	35.334	1971.378	1.35%	88.62%
32.0	514.069	31.718	2003.095	1.21%	90.05%
33.0	432.364	27.882	2030.977	1.07%	91.30%
34.0	359.672	23.969	2054.947	0.92%	92.38%
35.0	300.967	20.517	2075.464	0.79%	93.30%
36.0	248.647	17.500	2092.964	0.67%	94.09%
37.0	190.088	14.309	2107.273	0.55%	94.73%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	155.399	11.532	2118.805	0.44%	95.25%
39.0	104.755	8.880	2127.684	0.34%	95.65%
40.0	80.505	6.461	2134.146	0.25%	95.94%
41.0	62.743	5.101	2139.247	0.20%	96.17%
42.0	48.647	4.047	2143.294	0.15%	96.35%
43.0	40.022	3.285	2146.578	0.13%	96.50%
44.0	34.097	2.797	2149.376	0.11%	96.62%
45.0	30.329	2.476	2151.852	0.09%	96.73%
46.0	27.557	2.264	2154.115	0.09%	96.84%
47.0	25.611	2.115	2156.23	0.08%	96.93%
48.0	24.294	2.017	2158.247	0.08%	97.02%
49.0	23.299	1.954	2160.202	0.07%	97.11%
50.0	22.597	1.914	2162.115	0.07%	97.20%
51.0	22.173	1.894	2164.01	0.07%	97.28%
52.0	21.902	1.891	2165.901	0.07%	97.37%
53.0	21.836	1.903	2167.804	0.07%	97.45%
54.0	21.858	1.926	2169.729	0.07%	97.54%
55.0	22.026	1.959	2171.688	0.07%	97.63%
56.0	22.180	1.998	2173.686	0.08%	97.72%
57.0	22.341	2.036	2175.721	0.08%	97.81%
58.0	22.363	2.067	2177.789	0.08%	97.90%
59.0	22.290	2.088	2179.876	0.08%	97.99%
60.0	21.917	2.088	2181.965	0.08%	98.09%
61.0	21.390	2.067	2184.031	0.08%	98.18%
62.0	20.512	2.019	2186.051	0.08%	98.27%
63.0	19.590	1.950	2188.001	0.07%	98.36%
64.0	18.405	1.864	2189.865	0.07%	98.44%
65.0	17.293	1.767	2191.632	0.07%	98.52%
66.0	16.247	1.673	2193.306	0.06%	98.60%
67.0	15.450	1.594	2194.899	0.06%	98.67%
68.0	14.872	1.536	2196.435	0.06%	98.74%
69.0	14.638	1.505	2197.941	0.06%	98.81%
70.0	14.411	1.492	2199.433	0.06%	98.87%
71.0	14.214	1.479	2200.912	0.06%	98.94%
72.0	13.987	1.466	2202.379	0.06%	99.01%
73.0	13.716	1.449	2203.827	0.06%	99.07%
74.0	13.394	1.425	2205.253	0.05%	99.13%
75.0	13.124	1.401	2206.654	0.05%	99.20%

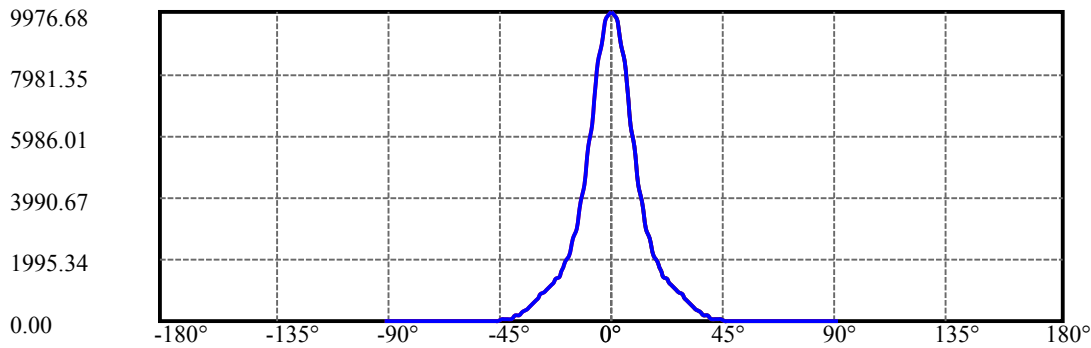
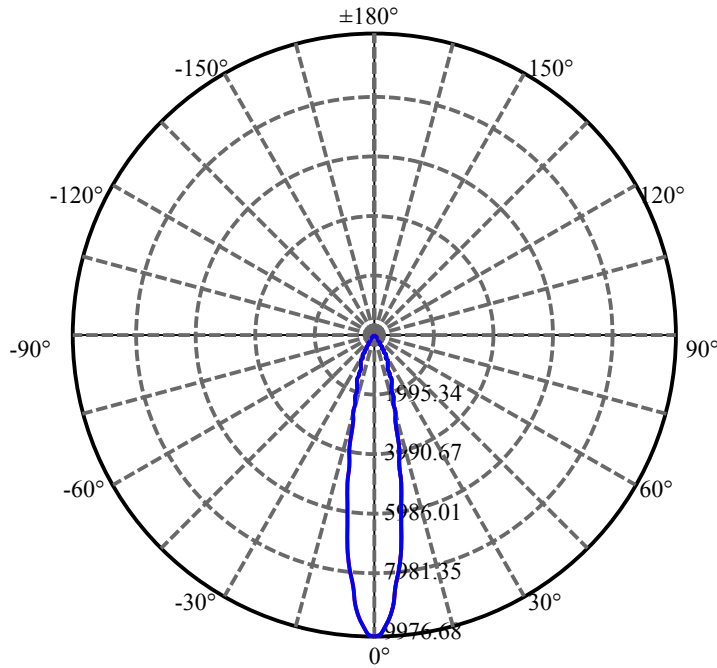
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	12.794	1.376	2208.029	0.05%	99.26%
77.0	12.538	1.351	2209.38	0.05%	99.32%
78.0	12.187	1.324	2210.704	0.05%	99.38%
79.0	11.829	1.290	2211.994	0.05%	99.44%
80.0	11.492	1.257	2213.251	0.05%	99.49%
81.0	11.185	1.226	2214.478	0.05%	99.55%
82.0	10.929	1.199	2215.677	0.05%	99.60%
83.0	10.658	1.174	2216.85	0.04%	99.66%
84.0	10.468	1.151	2218.001	0.04%	99.71%
85.0	10.227	1.129	2219.131	0.04%	99.76%
86.0	10.029	1.107	2220.238	0.04%	99.81%
87.0	9.832	1.087	2221.325	0.04%	99.86%
88.0	9.678	1.069	2222.394	0.04%	99.91%
89.0	9.583	1.056	2223.45	0.04%	99.95%
90.0	9.510	1.047	2224.496	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1936.04	74.09%	87.03%
0-40	2134.15	81.67%	95.94%
0-60	2181.96	83.50%	98.09%
0-90	2223.45	85.09%	99.95%
0-120	2223.45	85.09%	99.95%
0-180	2224.50	85.13%	100.00%
60-90	41.48	1.59%	1.86%
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%
0-26.32	1779.60	68.11%	80.00%

ZONAL LUMEN SUMMARY

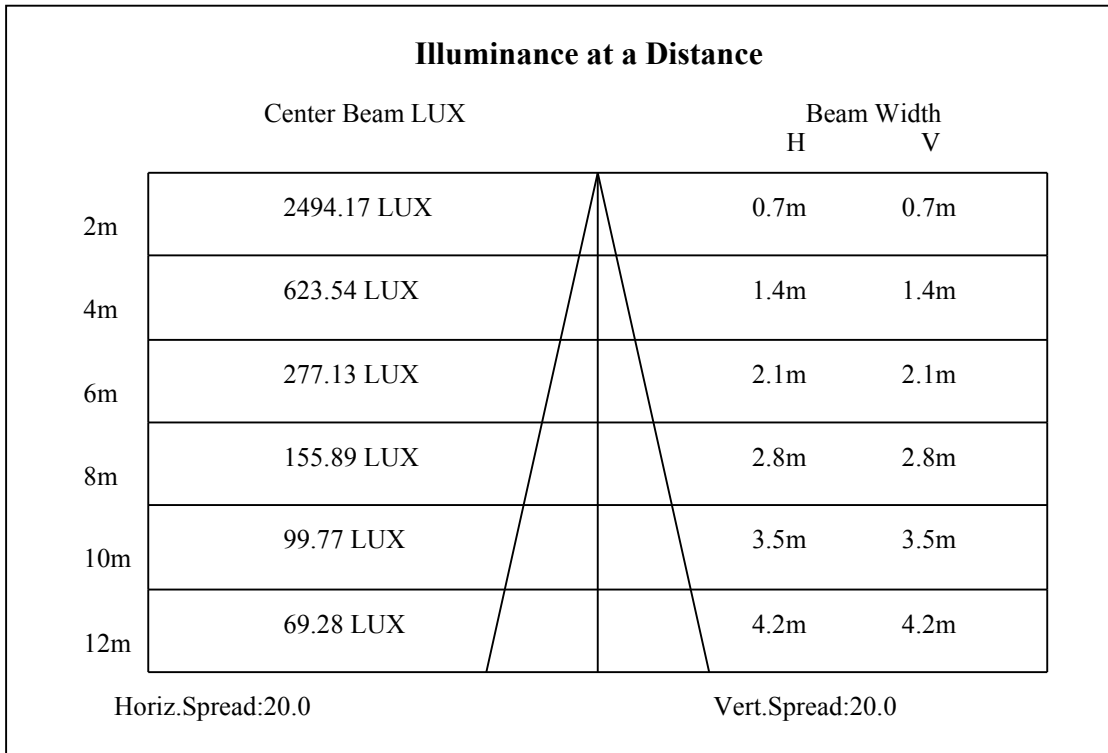
0-10	685.41
10-20	761.50
20-30	489.13
30-40	198.10
40-50	27.97
50-60	19.85
60-70	17.47
70-80	13.82
80-90	10.20
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

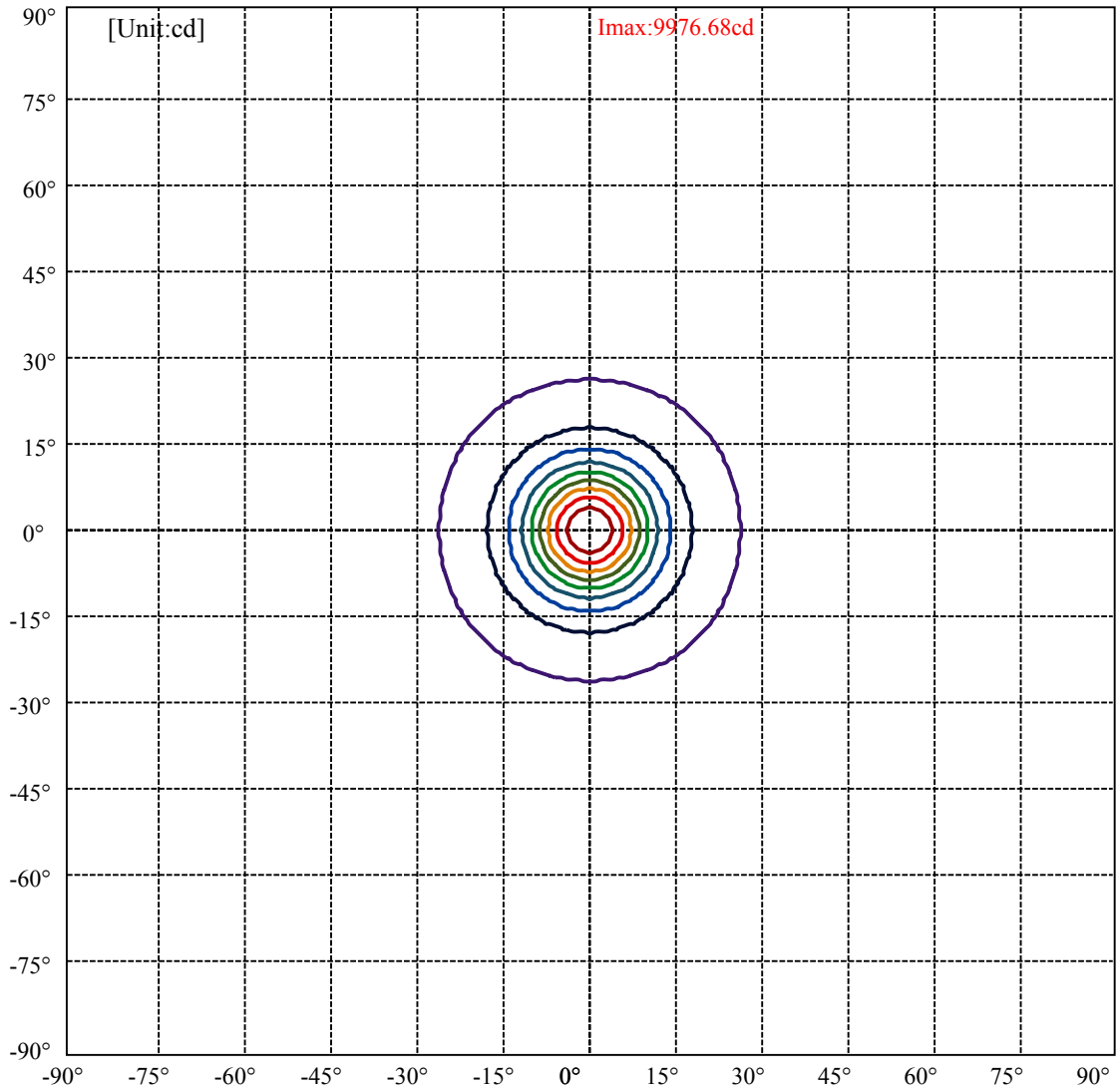


C0(Max): —————
C0/C180: —————
C90/C270: —————

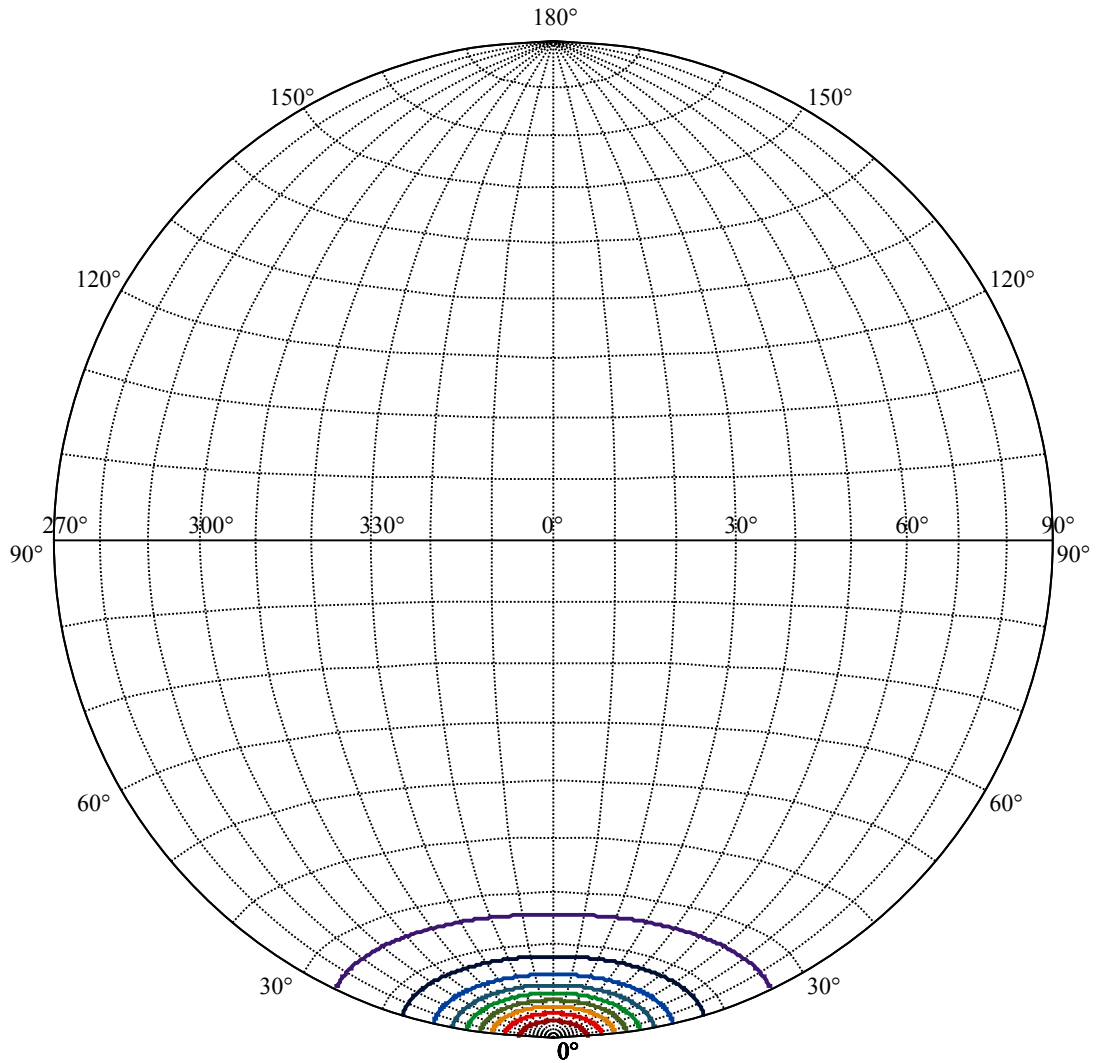
Field angle(10%Imax):C0/180Left:25.9 Right:25.9
:C90/270Left:25.9 Right:25.9

Beam Angle(50%Imax):C0/180Left:10.0 Right:10.0
:C90/270Left:10.0 Right:10.0





(10%Imax) 997.668	—
(20%Imax) 1995.34	—
(30%Imax) 2993	—
(40%Imax) 3990.67	—
(50%Imax) 4988.34	—
(60%Imax) 5986.01	—
(70%Imax) 6983.68	—
(80%Imax) 7981.35	—
(90%Imax) 8979.01	—



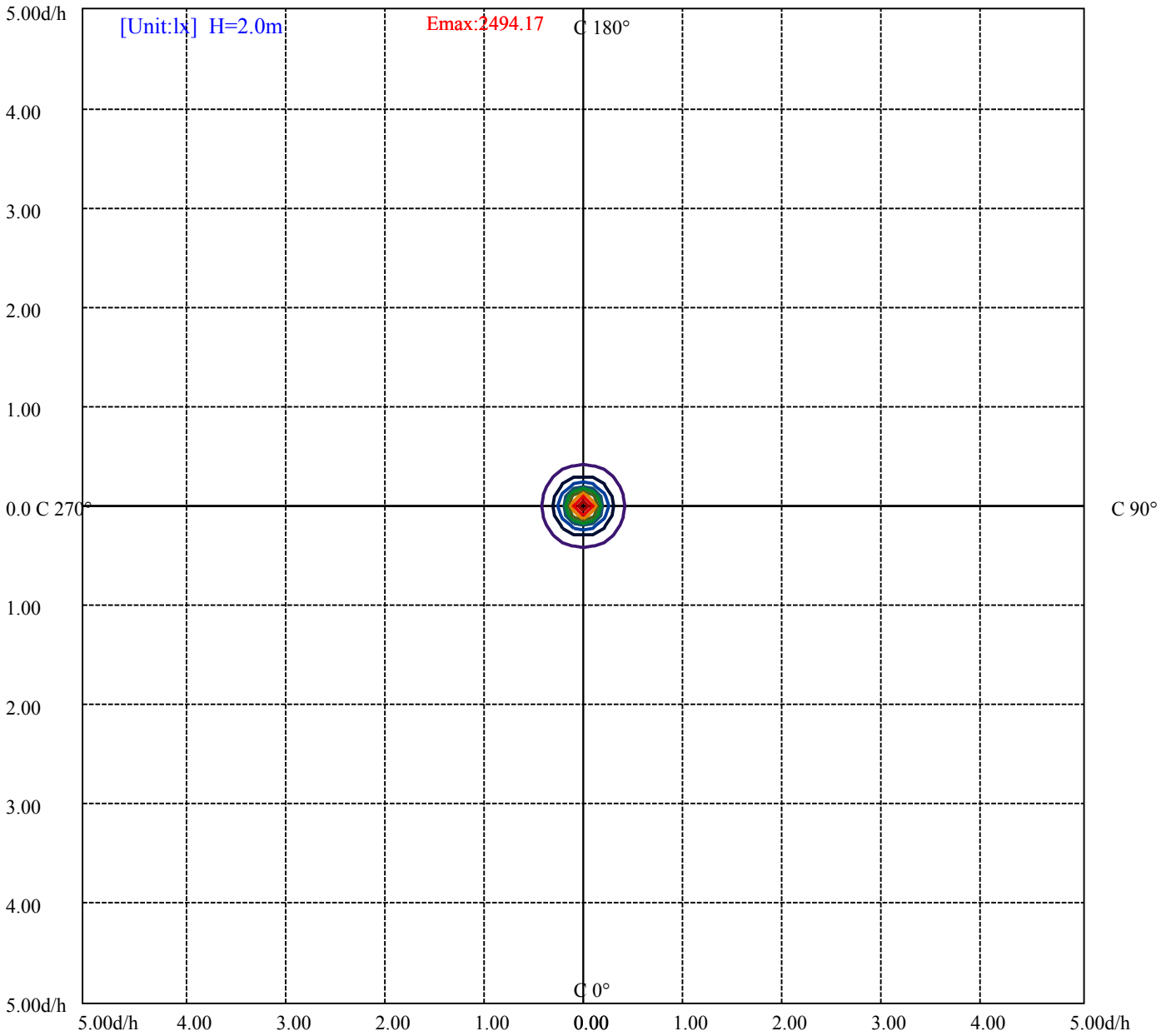
House

[Unit:cd]

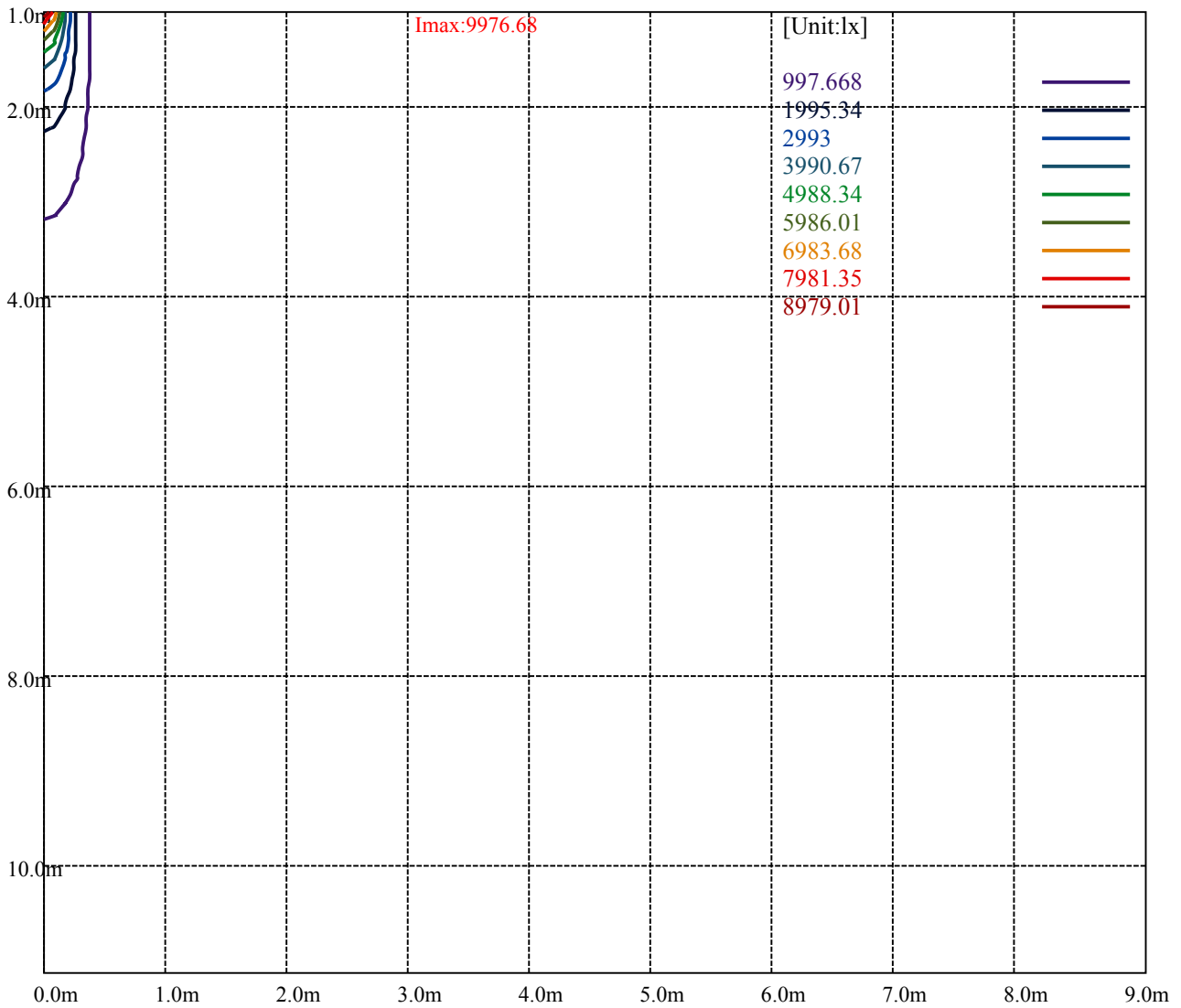
Road

Imax:9976.68

(10%Imax)	997.668	—
(20%Imax)	1995.34	—
(30%Imax)	2993	—
(40%Imax)	3990.67	—
(50%Imax)	4988.34	—
(60%Imax)	5986.01	—
(70%Imax)	6983.68	—
(80%Imax)	7981.35	—
(90%Imax)	8979.01	—



- (10%Emax) 249.4167
- (20%Emax) 498.8325
- (30%Emax) 748.25
- (40%Emax) 997.6675
- (50%Emax) 1247.085
- (60%Emax) 1496.5
- (70%Emax) 1745.917
- (80%Emax) 1995.335
- (90%Emax) 2244.75



Luminance Table

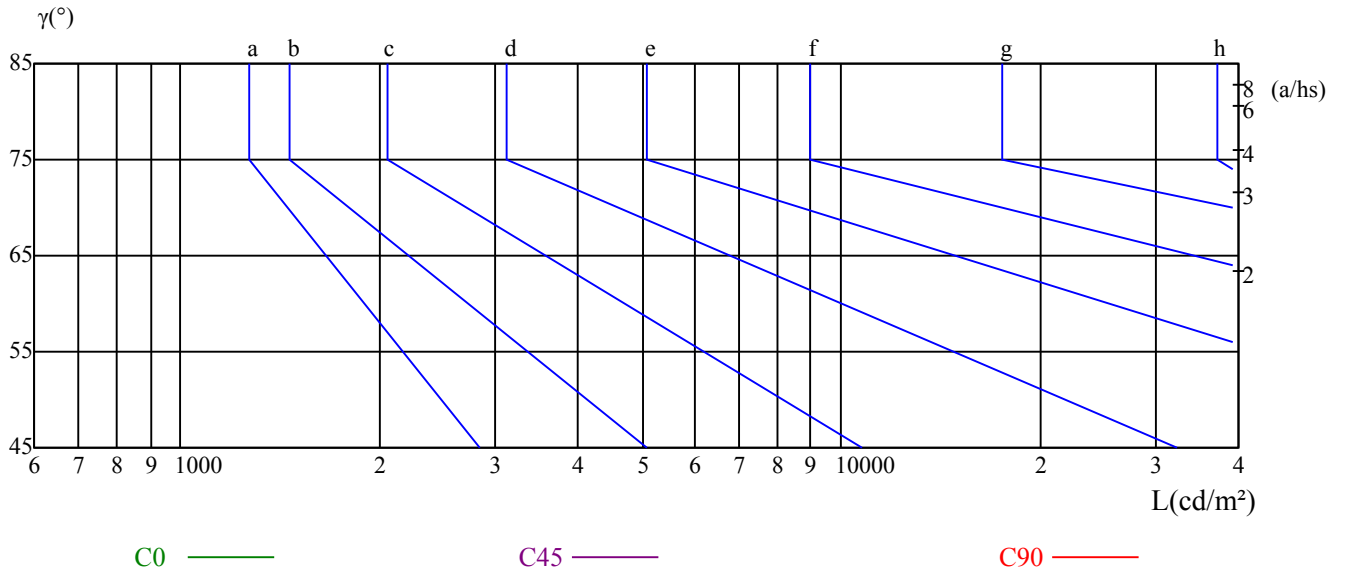
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
0	0	0	0	0	0	0	0	0

Glare Table

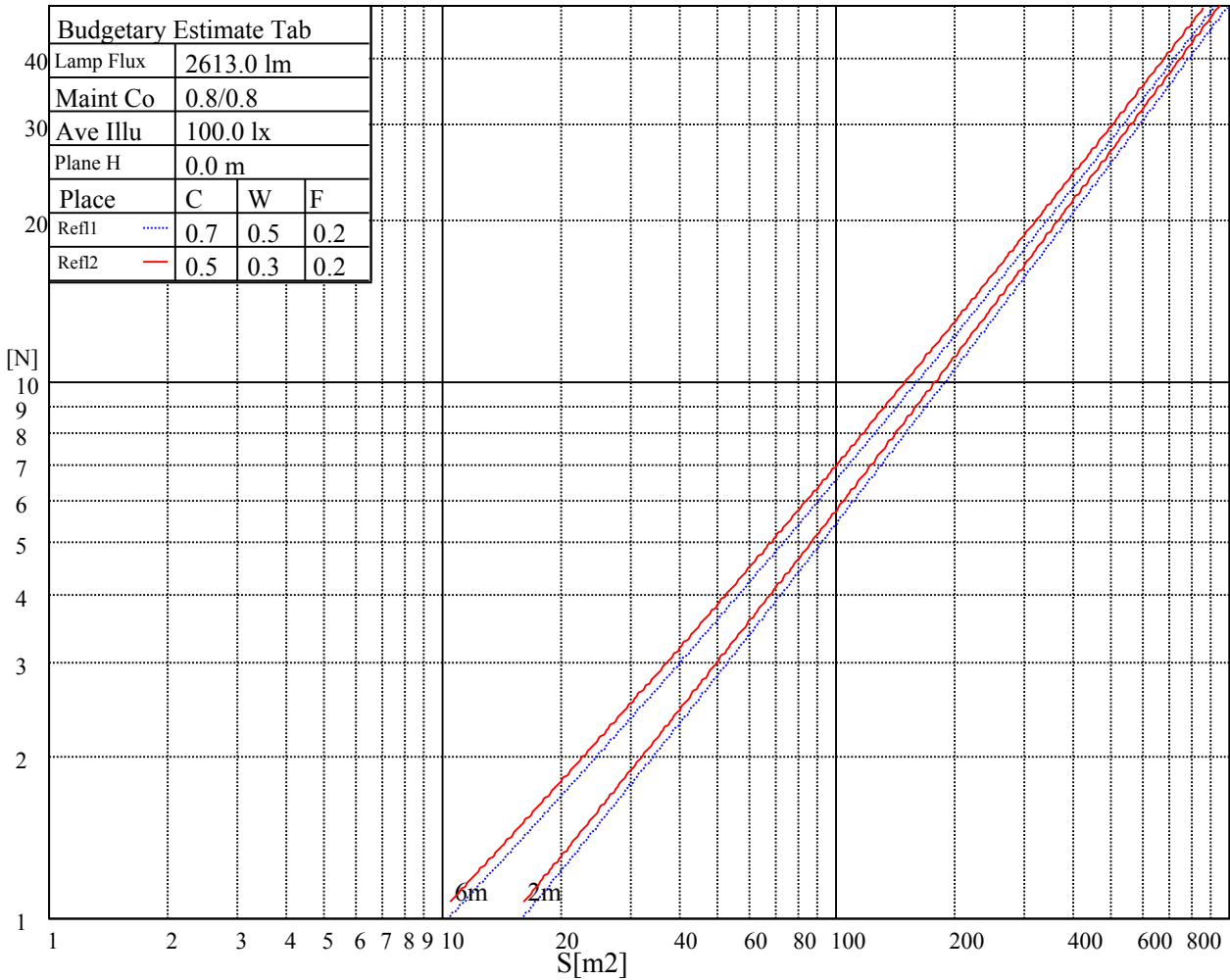
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

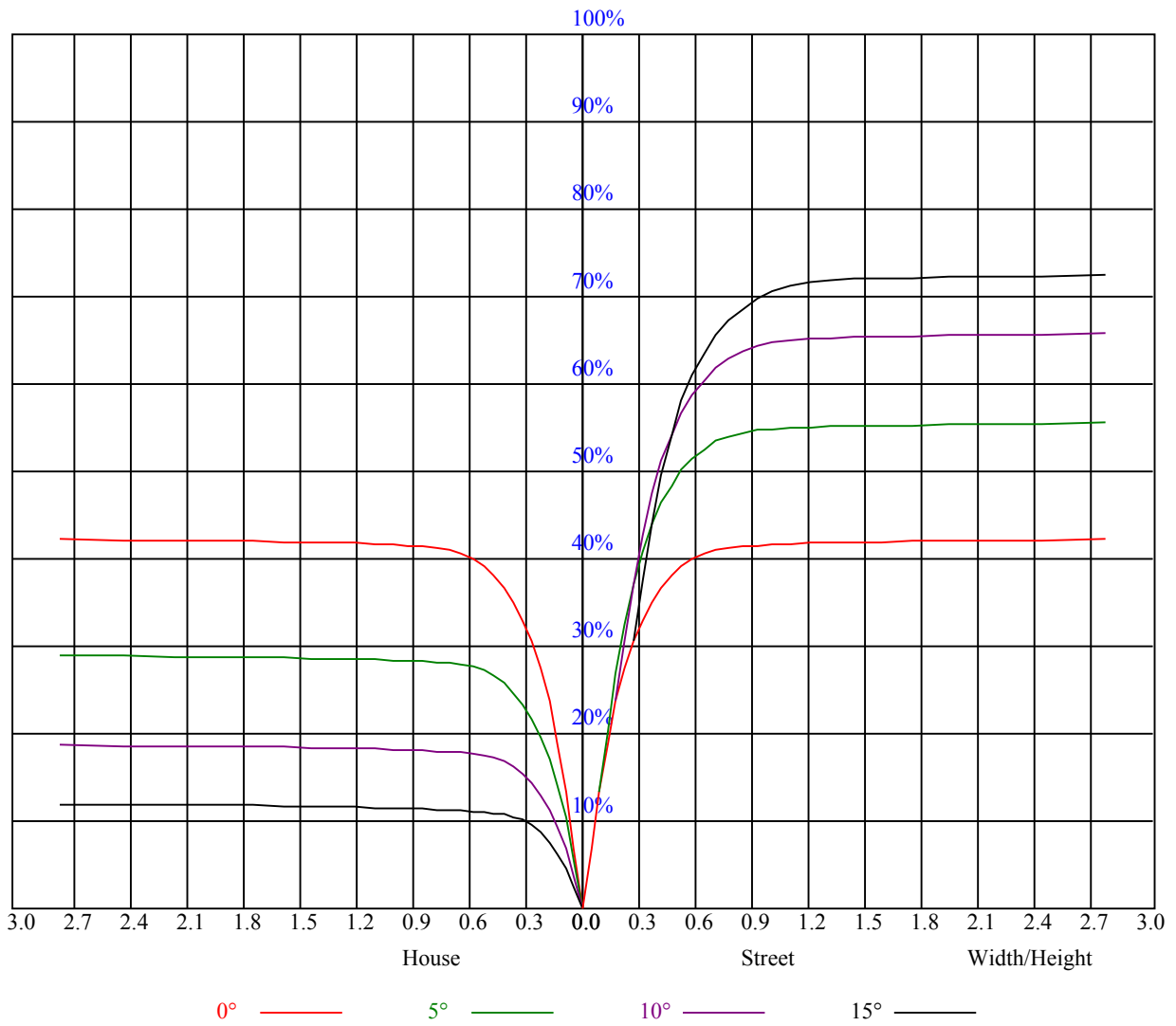


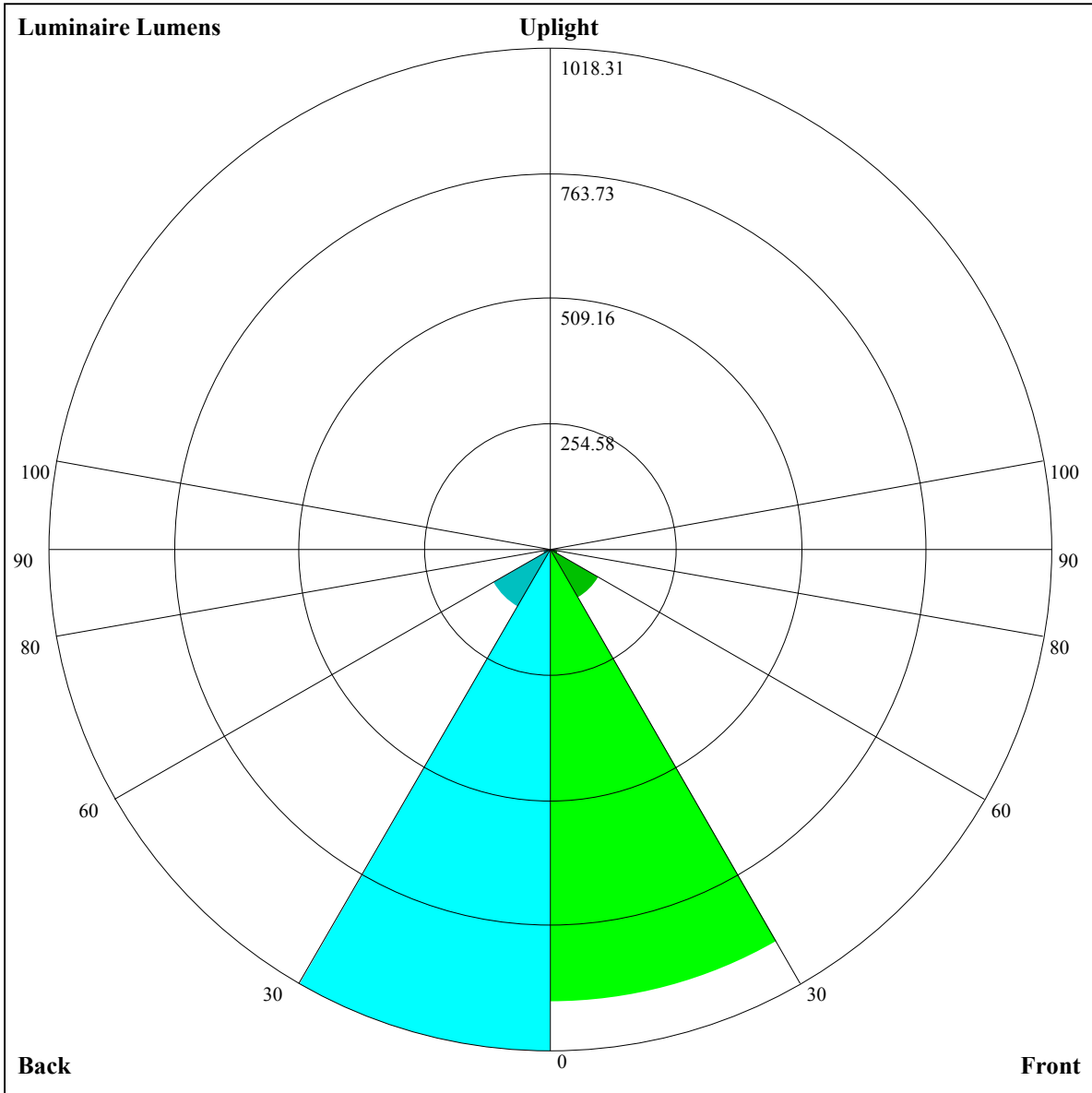
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
4H	12H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
8H	8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	12H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
12H	12H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	4H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	6H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
8H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字		
Variation with the observer position at spacings:											
S = 1.0H		非数字/非数字					非数字/非数字				
S = 1.5H		非数字/非数字					非数字/非数字				
S = 2.0H		非数字/非数字					非数字/非数字				
Standard tables:		BK0					BK0				
Uncorrected UGR		负无穷大					负无穷大				

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	1.01	1.01	1.01	0.99	0.99	0.99	0.95	0.95	0.95	0.91	0.91	0.91	0.87	0.87	0.87	0.85
1	0.95	0.93	0.92	0.93	0.92	0.90	0.90	0.89	0.87	0.87	0.86	0.85	0.84	0.83	0.82	0.81
2	0.90	0.87	0.85	0.89	0.86	0.84	0.86	0.84	0.82	0.83	0.82	0.80	0.81	0.80	0.78	0.77
3	0.85	0.82	0.79	0.84	0.81	0.78	0.82	0.79	0.77	0.80	0.78	0.76	0.78	0.76	0.75	0.74
4	0.81	0.78	0.75	0.80	0.77	0.74	0.79	0.76	0.73	0.77	0.75	0.73	0.76	0.73	0.72	0.71
5	0.78	0.74	0.71	0.77	0.73	0.71	0.76	0.72	0.70	0.74	0.72	0.69	0.73	0.71	0.69	0.68
6	0.75	0.71	0.68	0.74	0.70	0.67	0.73	0.70	0.67	0.72	0.69	0.67	0.71	0.68	0.66	0.65
7	0.72	0.68	0.65	0.71	0.67	0.65	0.70	0.67	0.64	0.69	0.66	0.64	0.68	0.66	0.64	0.63
8	0.69	0.65	0.62	0.69	0.65	0.62	0.68	0.64	0.62	0.67	0.64	0.62	0.66	0.64	0.62	0.61
9	0.67	0.63	0.60	0.66	0.63	0.60	0.66	0.62	0.60	0.65	0.62	0.60	0.64	0.62	0.59	0.59
10	0.64	0.61	0.58	0.64	0.60	0.58	0.64	0.60	0.58	0.63	0.60	0.58	0.62	0.60	0.58	0.57





Luminaire Lumens:

FL=920.19,FM=113.47,FH=15.62,FVH=5.58

BL=1018.31,BM=135.31,BH=15.59,BVH=5.67

UL=0,UH=0

BUG Rating:B3-U0-G0

Intensity data(cd)

C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	9844.71	9550.35	9137.18	8495.18	7882.45	7215.30	6335.12	5653.92	5016.02
45.0	10065.93	9899.72	9627.01	9112.60	8591.16	7992.48	7331.76	6464.45	5777.98
90.0	9902.65	9554.44	9143.61	8630.96	8045.73	7236.37	6546.39	5858.16	5212.66
135.0	10093.43	9989.85	9779.17	9446.18	8858.02	8283.92	7664.17	7010.47	6165.99
180.0	9844.71	10062.42	10097.53	10017.94	9826.57	9442.66	9004.92	8470.02	7692.26
225.0	10065.93	10108.06	10001.55	9800.82	9482.46	8920.06	8369.36	7747.27	6887.57
270.0	9902.65	10063.00	10098.12	9987.51	9768.05	9324.45	8856.27	8306.16	7504.40
315.0	10093.43	10061.25	9910.26	9555.61	9133.08	8629.79	7884.79	7197.74	6472.65
360.0	9844.71	9550.35	9137.18	8495.18	7882.45	7215.30	6335.12	5653.92	5016.02
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4297.37	3791.73	3355.15	2899.85	2603.14	2350.91	2130.28	1897.94	1743.44
45.0	4997.88	4429.63	3916.38	3363.35	2990.56	2676.88	2410.60	2129.69	1940.08
90.0	4481.71	3957.94	3496.19	3106.43	2700.87	2433.42	2146.66	1955.88	1790.26
135.0	5498.25	4883.18	4323.12	3709.21	3286.68	2850.10	2557.49	2308.19	2047.76
180.0	7016.91	6322.83	5481.28	4852.74	4278.05	3664.15	3249.81	2901.02	2533.50
225.0	6175.94	5491.22	4718.14	4166.28	3677.61	3167.30	2827.28	2535.84	2289.46
270.0	6810.32	6105.13	5431.53	4650.26	4097.22	3607.39	3193.63	2768.76	2487.26
315.0	5761.01	4952.82	4371.69	3854.35	3411.34	2948.42	2637.08	2374.32	2099.85
360.0	4297.37	3791.73	3355.15	2899.85	2603.14	2350.91	2130.28	1897.94	1743.44
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1604.75	1481.85	1281.12	1163.49	1163.49	1066.75	994.82	907.57	835.53
45.0	1780.31	1639.86	1481.85	1373.58	1277.60	1172.26	1093.26	1021.86	932.91
90.0	1614.69	1488.87	1380.02	1154.41	1154.41	1096.54	1025.43	954.09	867.19
135.0	1873.95	1722.96	1587.19	1436.79	1335.54	1244.25	1161.73	1065.75	992.01
180.0	2290.63	2077.61	1890.34	1731.15	1564.36	1445.56	1340.81	1228.45	1150.03
225.0	2026.11	1848.78	1697.21	1562.61	1415.72	1156.81	1156.81	1117.84	1044.39
270.0	2240.89	1979.29	1809.57	1630.50	1503.50	1383.53	1279.95	1174.02	1097.36
315.0	1910.82	1746.96	1570.22	1447.91	1277.60	1159.56	1139.78	1064.76	978.61
360.0	1604.75	1481.85	1281.12	1163.49	1163.49	1066.75	994.82	907.57	835.53
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	759.56	684.25	587.10	509.50	434.59	365.06	286.18	229.41	180.13
45.0	859.75	787.77	691.21	613.37	536.12	458.29	371.09	307.30	307.30
90.0	795.38	720.53	645.15	548.88	472.04	382.09	317.07	257.32	191.49
135.0	919.45	828.74	754.41	679.50	582.36	503.94	411.47	344.17	297.35
180.0	1076.29	987.92	916.52	845.71	750.90	672.48	594.06	495.74	420.84
225.0	956.37	888.08	815.92	742.71	647.73	568.90	492.47	419.55	337.44
270.0	1028.30	960.41	870.87	801.23	727.49	648.49	549.58	472.92	384.55
315.0	909.56	840.68	767.23	672.37	593.13	513.30	436.99	350.96	288.63
360.0	759.56	684.25	587.10	509.50	434.59	365.06	286.18	229.41	180.13
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	139.69	100.78	77.83	61.39	47.46	39.85	33.53	30.14	27.80
45.0	235.85	137.94	104.93	79.94	59.17	47.99	40.20	33.83	30.43
90.0	148.18	113.36	85.97	62.62	50.04	41.38	35.52	30.78	28.15
135.0	297.35	163.34	125.53	95.51	73.91	55.13	44.95	37.86	33.12
180.0	351.19	303.79	303.79	165.56	126.53	96.21	68.47	53.78	41.84
225.0	278.51	224.96	177.67	128.63	98.55	76.08	56.53	45.94	37.34
270.0	319.59	304.96	235.14	149.70	115.58	88.25	63.91	51.09	42.02
315.0	218.82	171.59	132.32	94.69	72.80	57.06	46.06	36.75	32.07
360.0	139.69	100.78	77.83	61.39	47.46	39.85	33.53	30.14	27.80

Intensity data(cd)

C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	25.98	24.40	23.53	22.88	22.47	22.12	22.06	22.06	22.30
45.0	28.09	26.04	24.76	23.88	23.06	22.71	22.41	22.36	22.36
90.0	26.28	24.58	23.58	22.77	22.36	22.06	22.06	22.00	22.24
135.0	29.09	26.86	24.87	23.58	22.71	21.95	21.59	21.42	21.36
180.0	35.64	31.60	28.21	26.39	24.93	23.76	22.82	22.24	21.89
225.0	33.01	29.79	27.56	25.52	24.23	23.35	22.65	22.12	21.83
270.0	35.82	30.72	28.03	26.10	24.29	23.23	22.53	21.95	21.65
315.0	28.73	26.45	24.35	23.23	22.36	21.59	21.24	21.07	21.07
360.0	25.98	24.40	23.53	22.88	22.47	22.12	22.06	22.06	22.30
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	22.36	22.65	22.65	22.65	22.24	21.71	20.89	20.01	18.61
45.0	22.53	22.65	22.88	22.88	22.82	22.41	21.89	21.13	20.01
90.0	22.30	22.65	22.77	22.65	22.47	21.89	21.19	20.31	18.96
135.0	21.48	21.71	21.89	22.18	22.24	22.24	21.83	21.24	20.37
180.0	21.65	21.71	21.77	22.06	22.18	22.65	22.65	22.65	22.24
225.0	21.89	21.89	22.12	22.36	22.71	22.77	22.65	22.12	21.59
270.0	21.54	21.54	21.71	21.89	22.18	22.47	22.47	22.36	21.71
315.0	21.13	21.42	21.65	22.06	22.06	22.18	21.77	21.30	20.60
360.0	22.36	22.65	22.65	22.65	22.24	21.71	20.89	20.01	18.61
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	17.44	16.39	15.51	14.69	14.28	14.10	14.40	14.28	14.34
45.0	18.84	17.67	16.74	16.04	16.21	16.85	17.62	18.08	17.79
90.0	17.73	16.62	15.39	14.81	14.34	14.05	14.05	14.05	14.05
135.0	19.43	17.97	16.68	15.63	14.57	14.05	13.58	13.17	12.87
180.0	21.77	20.72	19.72	18.43	17.15	15.74	14.98	14.34	13.93
225.0	20.72	19.43	18.20	17.03	15.92	14.98	14.46	14.16	14.34
270.0	21.13	20.19	19.14	17.56	16.44	15.16	14.51	14.05	13.52
315.0	19.66	18.26	16.97	15.80	14.69	14.05	13.52	13.17	12.87
360.0	17.44	16.39	15.51	14.69	14.28	14.10	14.40	14.28	14.34
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	14.46	14.40	14.22	13.75	13.23	12.64	11.94	11.35	10.89
45.0	17.56	17.09	16.27	15.86	14.86	14.34	13.58	12.93	12.17
90.0	14.16	13.87	13.40	13.17	12.93	12.52	12.11	11.53	11.24
135.0	12.64	12.47	12.23	12.06	11.88	11.70	11.53	11.35	11.18
180.0	13.52	13.28	13.17	13.05	12.99	13.11	12.87	12.58	12.17
225.0	13.75	13.23	12.82	12.52	12.35	12.17	12.00	11.82	11.65
270.0	13.23	12.99	12.82	12.52	12.29	12.11	11.94	11.70	11.53
315.0	12.58	12.41	12.23	12.06	11.82	11.70	11.53	11.35	11.12
360.0	14.46	14.40	14.22	13.75	13.23	12.64	11.94	11.35	10.89
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	10.65	10.53	10.36	10.18	9.95	9.77	9.66	9.48	9.48
45.0	11.41	10.89	10.53	10.30	10.12	9.77	9.71	9.54	9.48
90.0	10.94	10.71	10.42	10.24	9.89	9.77	9.60	9.48	9.48
135.0	10.94	10.83	10.53	10.42	10.12	9.89	9.77	9.60	9.48
180.0	11.76	11.41	11.00	10.83	10.59	10.42	10.18	9.95	9.77
225.0	11.41	11.18	10.94	10.71	10.42	10.18	9.95	9.83	9.66
270.0	11.41	11.18	10.94	10.71	10.48	10.36	10.01	9.83	9.71
315.0	10.94	10.71	10.53	10.36	10.24	10.07	9.77	9.71	9.60
360.0	10.65	10.53	10.36	10.18	9.95	9.77	9.66	9.48	9.48

Intensity data(cd)

C/γ(°)	90.0
0.0	9.48
45.0	9.48
90.0	9.48
135.0	9.42
180.0	9.66
225.0	9.54
270.0	9.54
315.0	9.48
360.0	9.48