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NT

Client: NT

LumCAT: 62-0102

Luminaire: 92.70.427.000

Report No:

Ballast type: AC

Test No: 20251010-C002

Voltage(V): 35.080

LampCAT: CITIZEN CLU028

Current(A): 0.361

Lamp flux(lm): 1576.0

Power (W): 12.663

Number of Lamps: 1

PF: 0.000

Length(mm): 55

Width(mm): 55

Phm Type: C

Height(mm): 25

Photometric Results

Lumens(lm): 1486.68, Efficiency(%): 94.33% , Luminous Efficacy(lm/W): 117.40

Central intensity(cd): 9913.801, Maximum intensity(cd): 9918.241

Angle of maximum intensity: C=0.0 γ =1.0

Beam Angle(50%Imax): [C0/180]Total=18.1

[C90/270]Total=18.0

Field angle(10%Imax): [C0/180]Total=34.4

[C90/270]Total=34.7

Maximum s/h(1/2): C0_180=0.29 C90_270=0.28

Maximum s/h(1/4): C0_180=0.28 C90_270=0.28

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 94.38%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.285%

Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2025/10/10
Humidity(%): 60.0%

Operator: 杨泽全
Distance(m): 7.45

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	9849.834	0.000	0	0.00%	0.00%
1.0	9811.954	9.408	9.408	0.60%	0.63%
2.0	9643.018	27.924	37.331	1.77%	2.51%
3.0	9362.176	45.454	82.786	2.88%	5.57%
4.0	8951.596	61.302	144.088	3.89%	9.69%
5.0	8378.810	74.554	218.642	4.73%	14.71%
6.0	7692.313	84.458	303.1	5.36%	20.39%
7.0	6763.687	89.728	392.828	5.69%	26.42%
8.0	5890.425	90.563	483.391	5.75%	32.51%
9.0	4973.315	88.045	571.436	5.59%	38.44%
10.0	4090.201	82.022	653.458	5.20%	43.95%
11.0	3298.111	73.824	727.282	4.68%	48.92%
12.0	2622.646	64.722	792.004	4.11%	53.27%
13.0	2104.114	56.095	848.099	3.56%	57.05%
14.0	1669.918	48.307	896.406	3.07%	60.30%
15.0	1334.863	41.251	937.657	2.62%	63.07%
16.0	1144.857	36.335	973.992	2.31%	65.51%
17.0	1040.304	34.029	1008.021	2.16%	67.80%
18.0	931.346	32.508	1040.529	2.06%	69.99%
19.0	826.737	30.587	1071.116	1.94%	72.05%
20.0	729.962	28.492	1099.608	1.81%	73.96%
21.0	661.576	26.720	1126.328	1.70%	75.76%
22.0	597.054	25.293	1151.621	1.60%	77.46%
23.0	533.261	23.717	1175.338	1.50%	79.06%
24.0	475.830	22.062	1197.401	1.40%	80.54%
25.0	421.937	20.413	1217.814	1.30%	81.92%
26.0	378.520	18.895	1236.709	1.20%	83.19%
27.0	339.543	17.568	1254.276	1.11%	84.37%
28.0	300.608	16.207	1270.484	1.03%	85.46%
29.0	274.279	15.041	1285.524	0.95%	86.47%
30.0	238.800	13.853	1299.377	0.88%	87.40%
31.0	217.320	12.693	1312.07	0.81%	88.26%
32.0	184.733	11.518	1323.589	0.73%	89.03%
33.0	157.801	10.091	1333.68	0.64%	89.71%
34.0	137.653	8.941	1342.621	0.57%	90.31%
35.0	121.516	8.049	1350.67	0.51%	90.85%
36.0	105.822	7.238	1357.909	0.46%	91.34%
37.0	94.077	6.520	1364.428	0.41%	91.78%

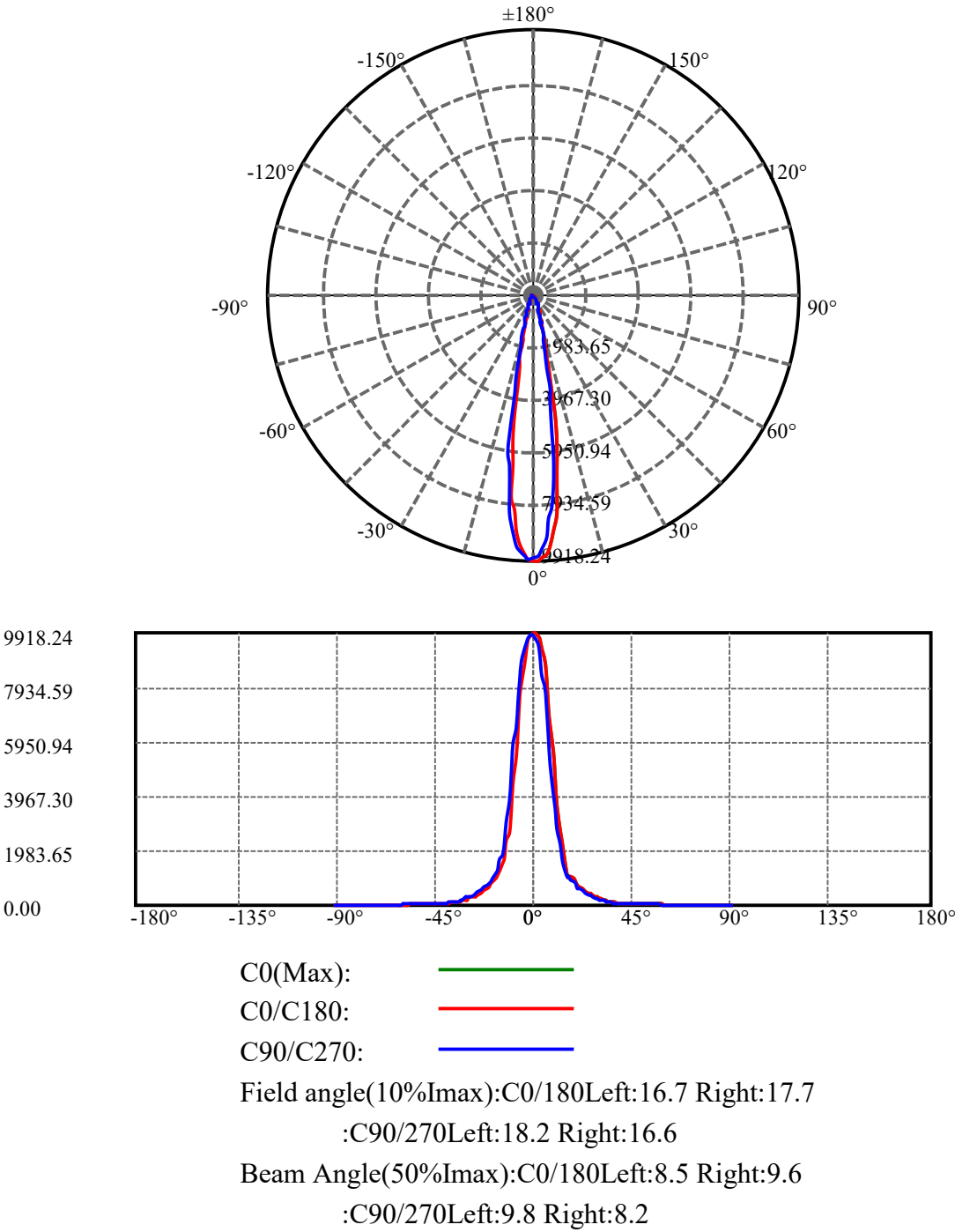
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	83.517	5.928	1370.356	0.38%	92.18%
39.0	74.519	5.394	1375.75	0.34%	92.54%
40.0	67.179	4.942	1380.692	0.31%	92.87%
41.0	60.199	4.536	1385.228	0.29%	93.18%
42.0	54.878	4.181	1389.409	0.27%	93.46%
43.0	51.208	3.930	1393.339	0.25%	93.72%
44.0	47.344	3.720	1397.058	0.24%	93.97%
45.0	44.999	3.549	1400.607	0.23%	94.21%
46.0	42.869	3.436	1404.044	0.22%	94.44%
47.0	41.315	3.348	1407.392	0.21%	94.67%
48.0	40.246	3.297	1410.689	0.21%	94.89%
49.0	39.108	3.259	1413.948	0.21%	95.11%
50.0	38.248	3.225	1417.173	0.20%	95.32%
51.0	37.360	3.199	1420.372	0.20%	95.54%
52.0	36.521	3.170	1423.542	0.20%	95.75%
53.0	35.633	3.139	1426.681	0.20%	95.96%
54.0	34.689	3.099	1429.78	0.20%	96.17%
55.0	33.711	3.053	1432.833	0.19%	96.38%
56.0	32.753	3.003	1435.837	0.19%	96.58%
57.0	31.491	2.937	1438.774	0.19%	96.78%
58.0	30.242	2.855	1441.629	0.18%	96.97%
59.0	28.986	2.769	1444.398	0.18%	97.16%
60.0	27.897	2.687	1447.085	0.17%	97.34%
61.0	26.634	2.602	1449.688	0.17%	97.51%
62.0	25.323	2.504	1452.191	0.16%	97.68%
63.0	24.192	2.408	1454.599	0.15%	97.84%
64.0	23.040	2.318	1456.917	0.15%	98.00%
65.0	21.930	2.226	1459.143	0.14%	98.15%
66.0	20.848	2.134	1461.277	0.14%	98.29%
67.0	19.592	2.033	1463.31	0.13%	98.43%
68.0	18.538	1.932	1465.242	0.12%	98.56%
69.0	17.518	1.839	1467.081	0.12%	98.68%
70.0	16.408	1.742	1468.824	0.11%	98.80%
71.0	15.374	1.643	1470.466	0.10%	98.91%
72.0	14.195	1.537	1472.004	0.10%	99.01%
73.0	13.203	1.433	1473.437	0.09%	99.11%
74.0	12.280	1.340	1474.776	0.09%	99.20%
75.0	11.232	1.242	1476.019	0.08%	99.28%

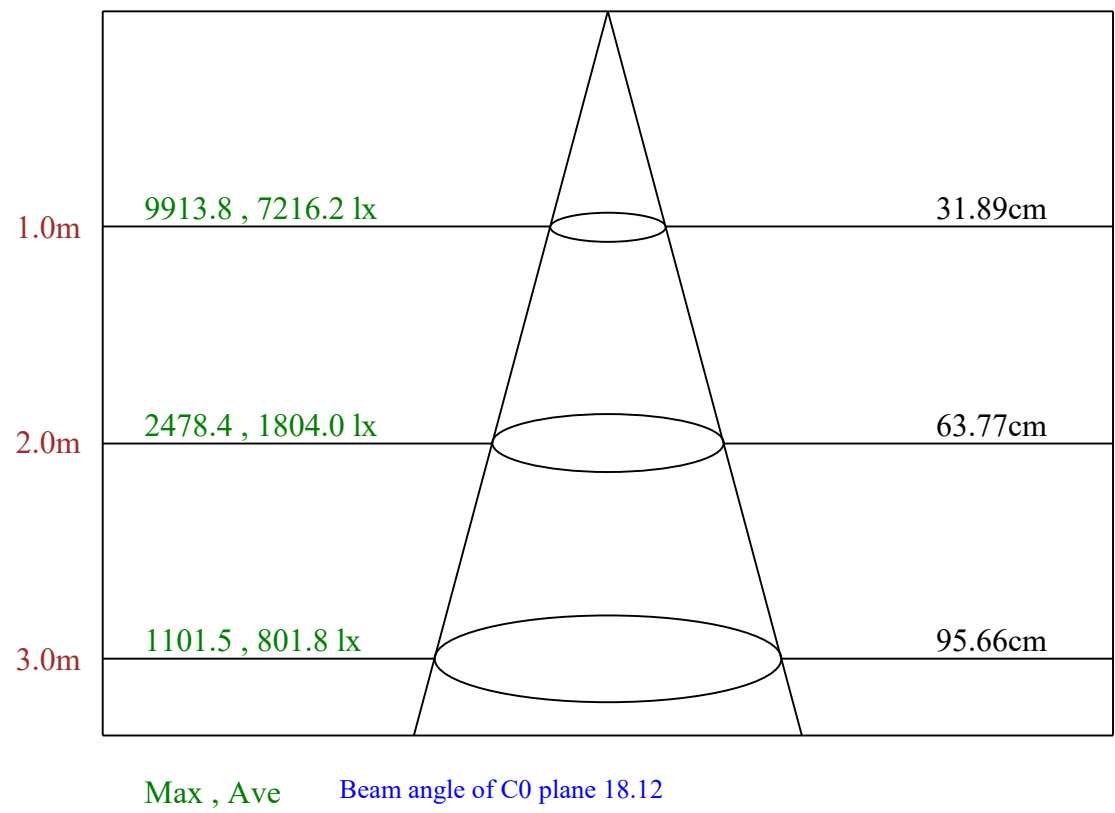
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	10.393	1.148	1477.166	0.07%	99.36%
77.0	9.637	1.068	1478.234	0.07%	99.43%
78.0	8.984	0.997	1479.231	0.06%	99.50%
79.0	8.402	0.934	1480.165	0.06%	99.56%
80.0	7.736	0.870	1481.035	0.06%	99.62%
81.0	7.208	0.808	1481.843	0.05%	99.67%
82.0	6.605	0.749	1482.593	0.05%	99.73%
83.0	6.022	0.686	1483.279	0.04%	99.77%
84.0	5.481	0.627	1483.906	0.04%	99.81%
85.0	5.044	0.574	1484.48	0.04%	99.85%
86.0	4.579	0.526	1485.006	0.03%	99.89%
87.0	4.142	0.477	1485.483	0.03%	99.92%
88.0	3.753	0.432	1485.916	0.03%	99.95%
89.0	3.413	0.393	1486.309	0.02%	99.98%
90.0	3.295	0.368	1486.676	0.02%	100.00%

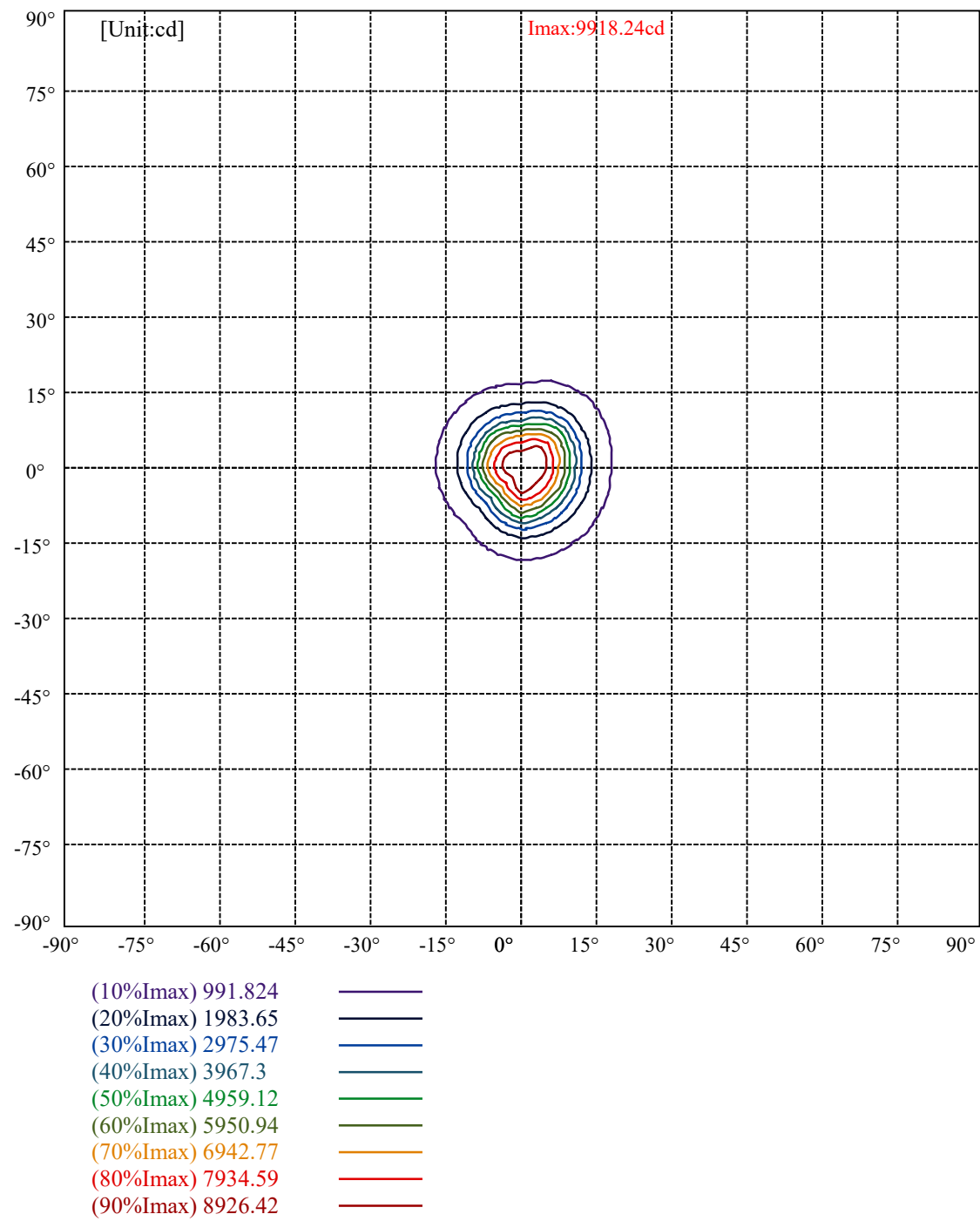
ZONAL LUMEN SUMMARY			
Zone	Lumens	%Lamp	%Fixt
0-30	1299.38	82.45%	87.40%
0-40	1380.69	87.61%	92.87%
0-60	1447.09	91.82%	97.34%
0-90	1486.31	94.31%	99.98%
0-120	1486.31	94.31%	99.98%
0-180	1486.68	94.33%	100.00%
60-90	39.22	2.49%	2.64%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-23.63	1189.34	75.47%	80.00%

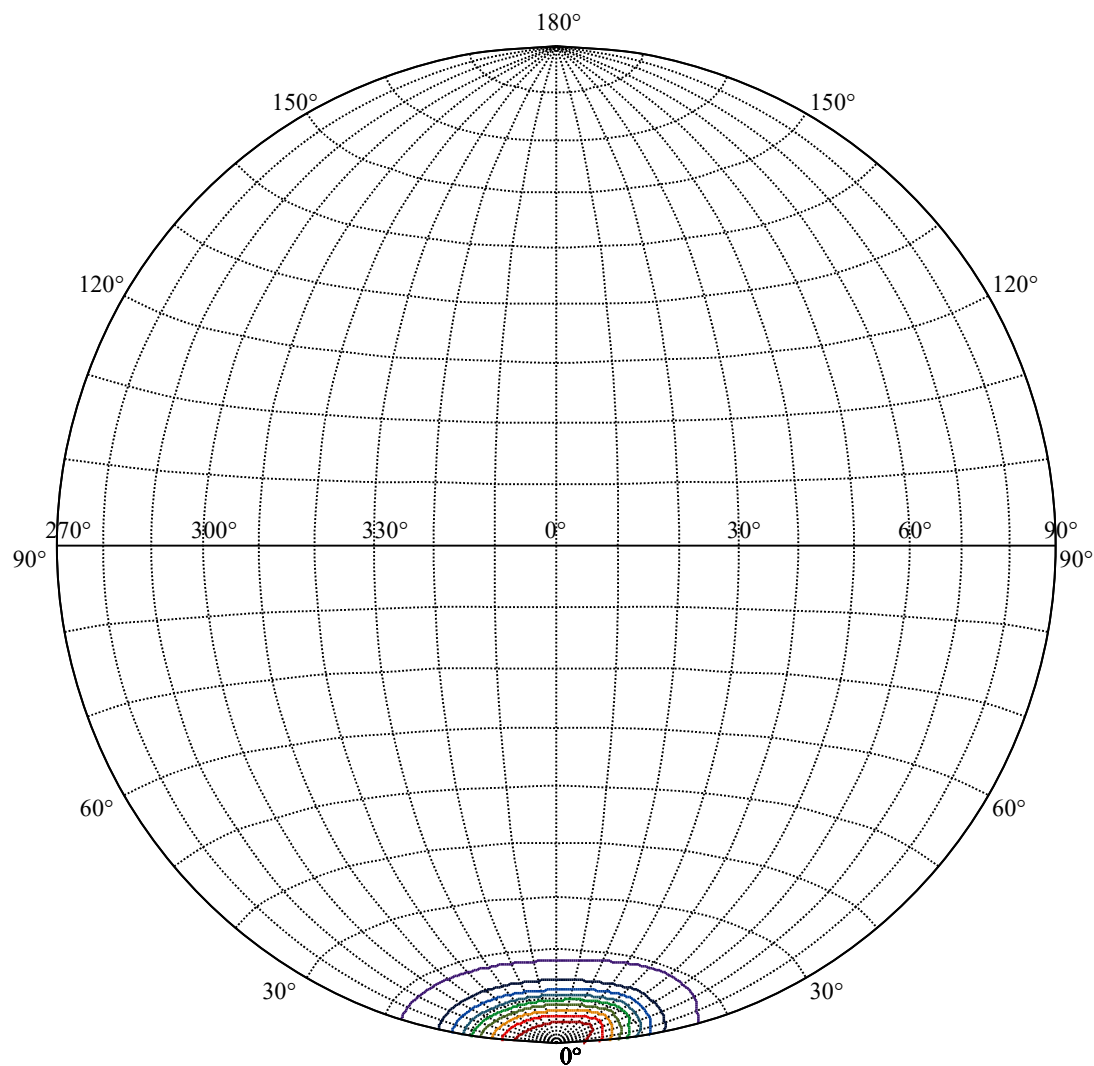
ZONAL LUMEN SUMMARY

0-10	653.46
10-20	446.15
20-30	199.77
30-40	81.31
40-50	36.48
50-60	29.91
60-70	21.74
70-80	12.21
80-90	5.27
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









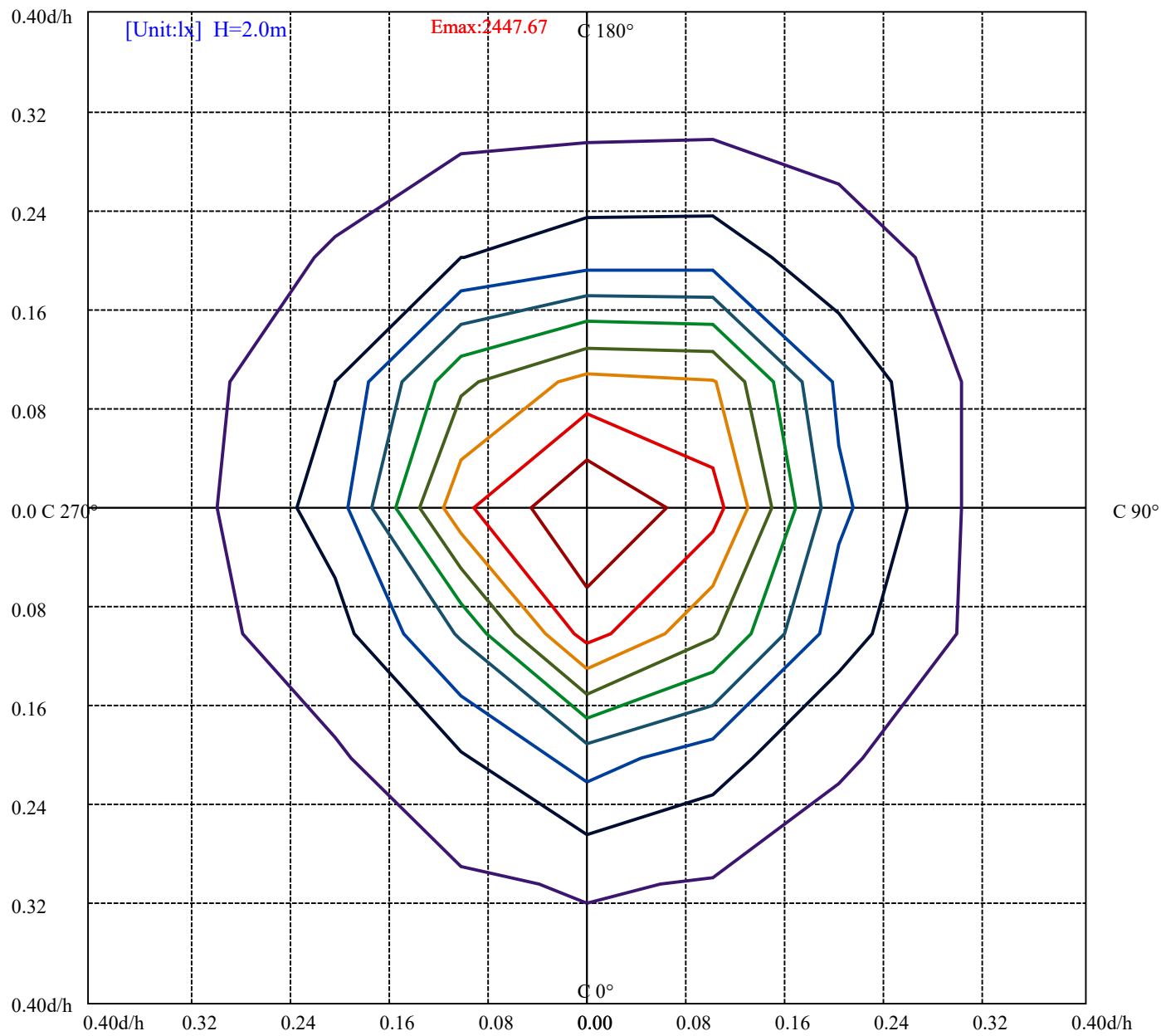
House

[Unit:cd]

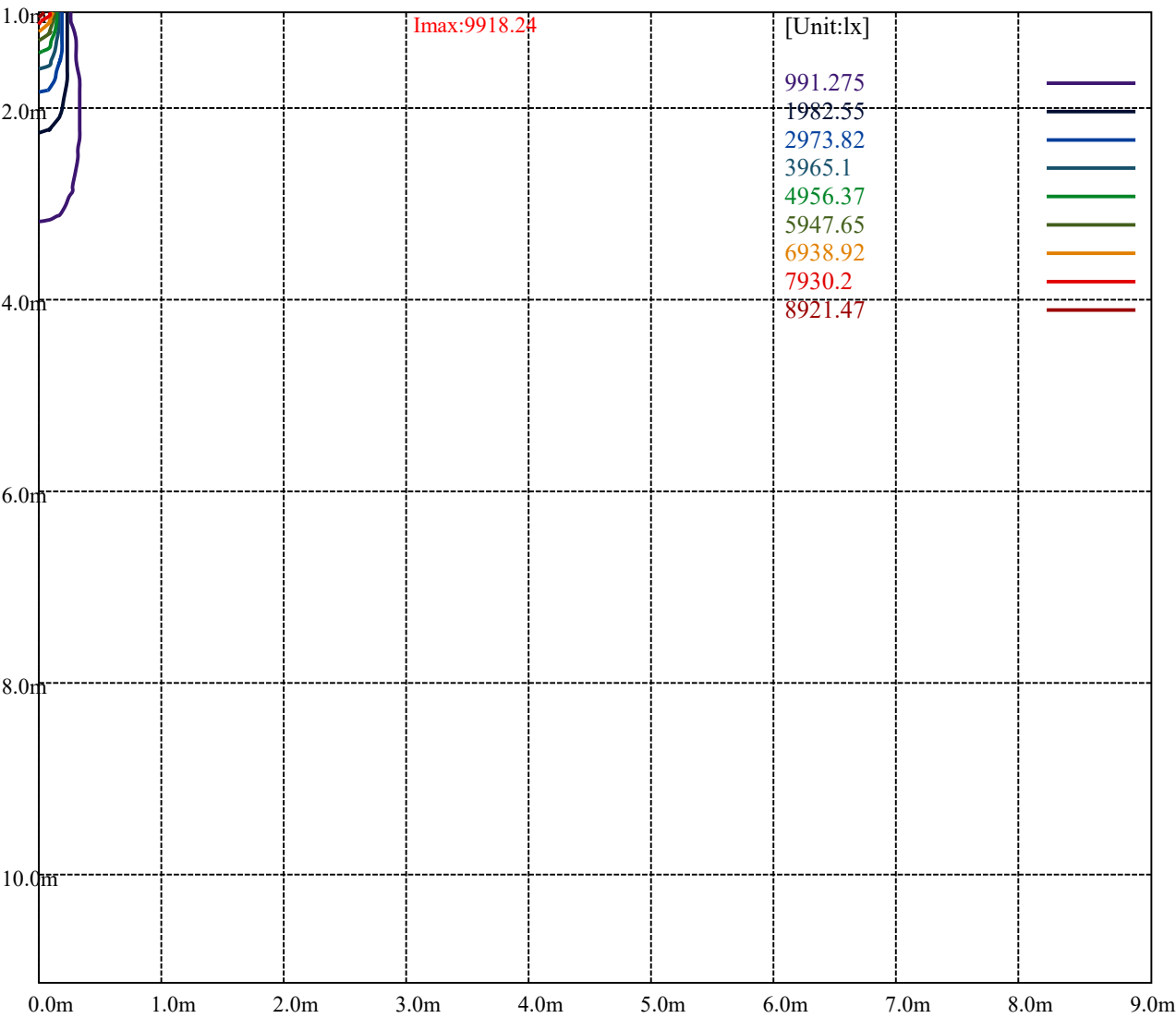
Road

Imax:9918.24

(10%Imax)	991.83	—
(20%Imax)	1983.66	—
(30%Imax)	2975.49	—
(40%Imax)	3967.32	—
(50%Imax)	4959.15	—
(60%Imax)	5950.98	—
(70%Imax)	6942.81	—
(80%Imax)	7934.64	—
(90%Imax)	8926.47	—



(10%Emax) 244.7665	
(20%Emax) 489.5325	
(30%Emax) 734.3	
(40%Emax) 979.065	
(50%Emax) 1223.833	
(60%Emax) 1468.598	
(70%Emax) 1713.365	
(80%Emax) 1958.13	
(90%Emax) 2202.897	



Luminance Table

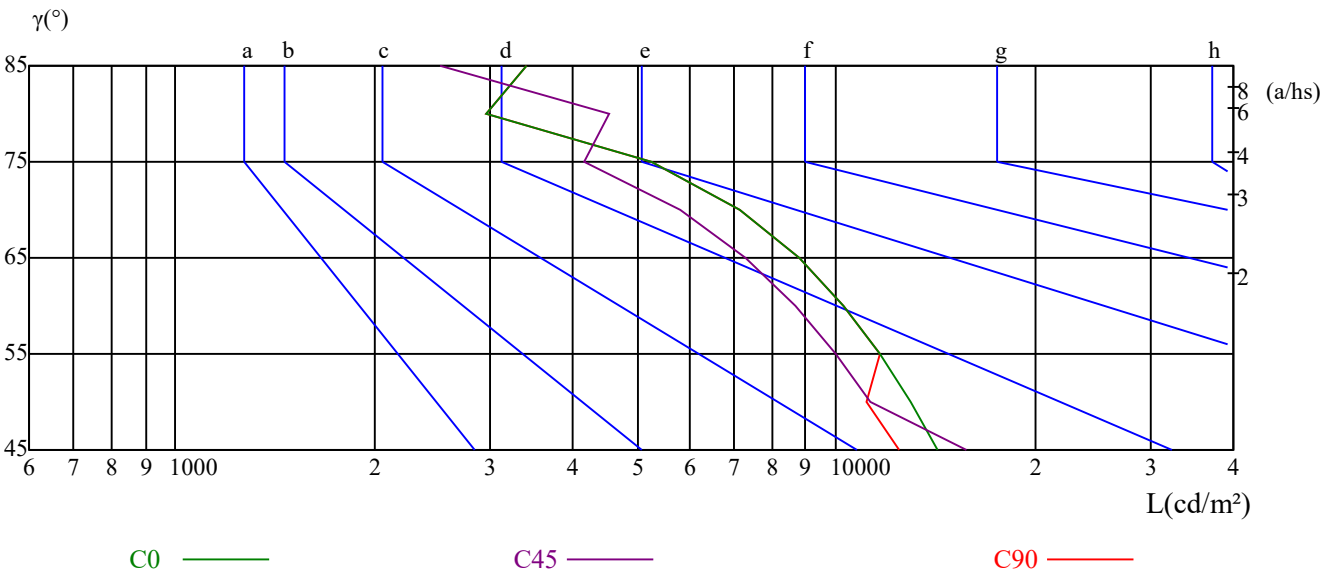
γ	45	50	55	60	65	70	75	80	85
C0	14271	12960	11638	10266	8794	7156	5258	2953	3398
C45	15795	11314	10007	8682	7301	5818	4171	4549	2522
C90	12487	11109	11638	10266	8794	7156	5258	2953	3398

L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
17366	17366	17366	14178	14178	14178	21052	21052	21052

Glare Table

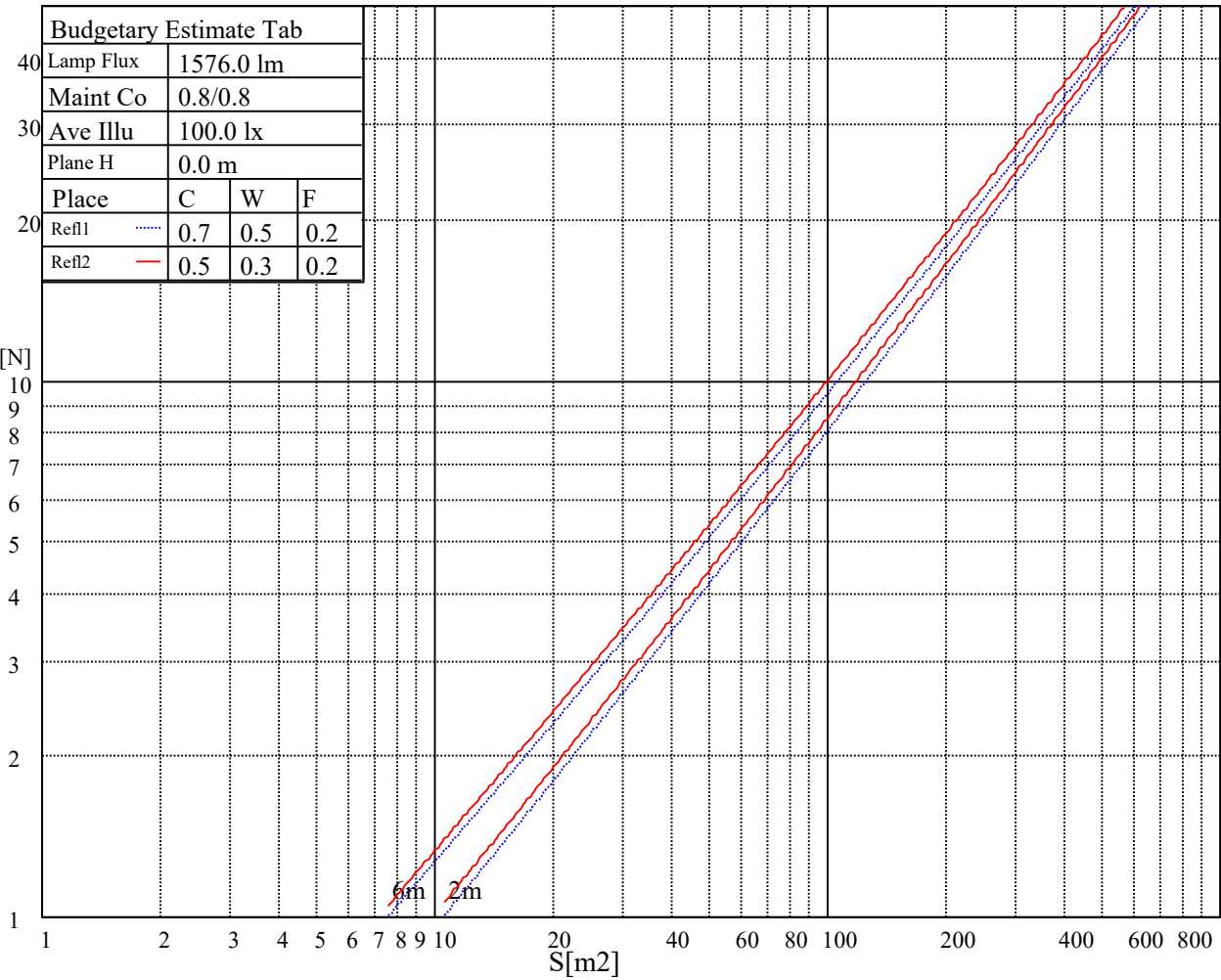
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

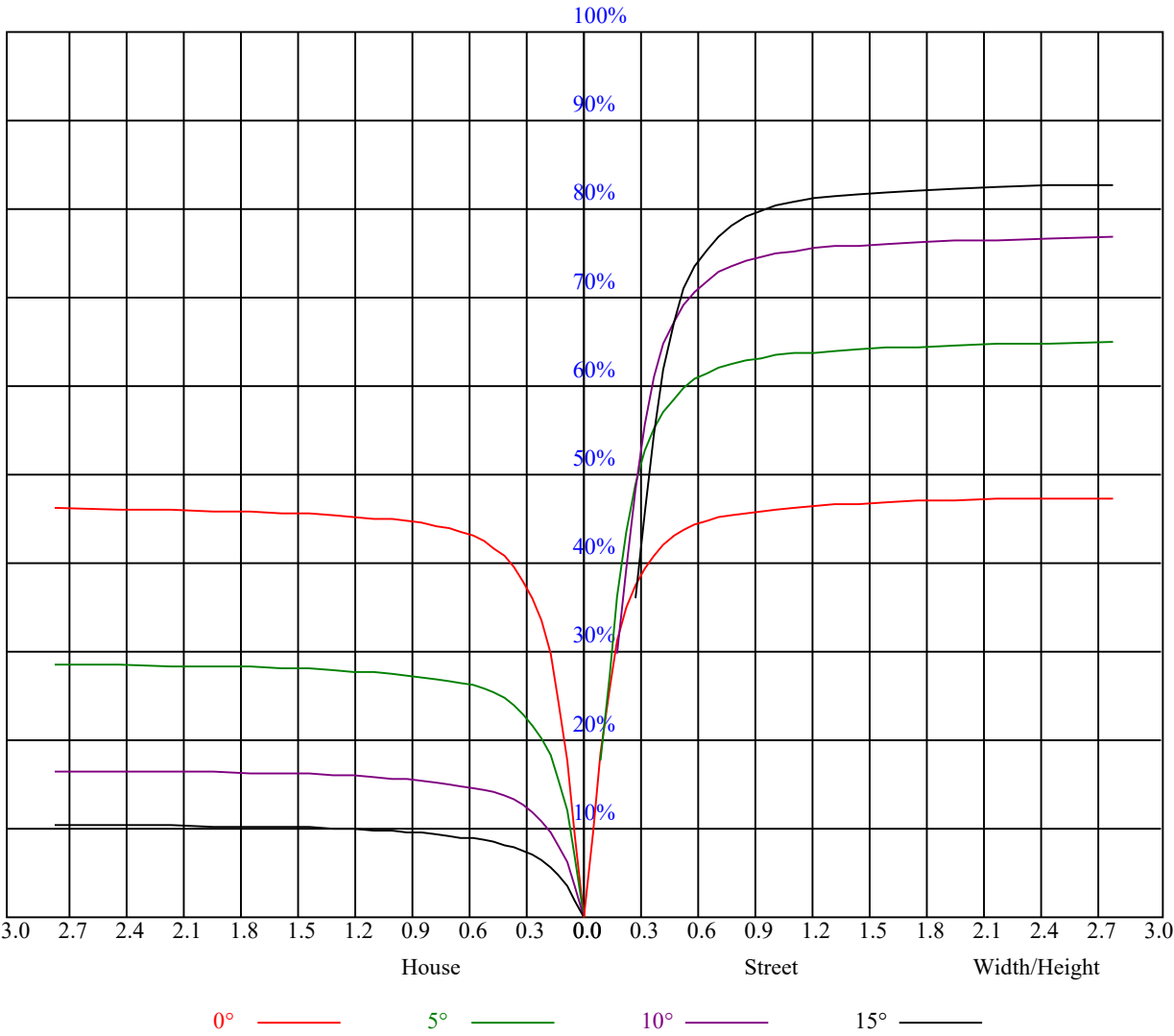


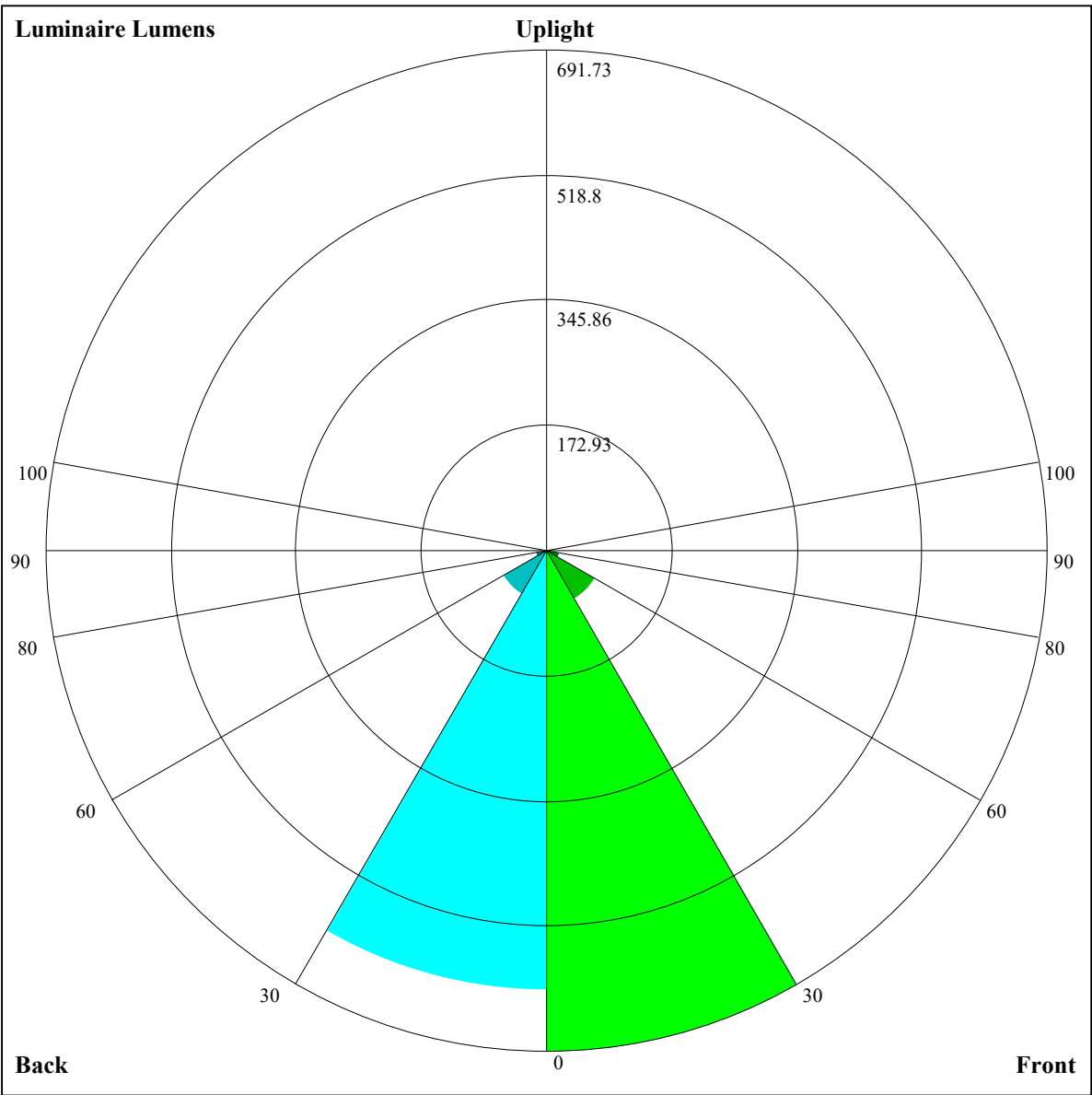
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	15.22	16.21	15.59	16.52	16.84	14.86	15.85	15.22	16.16	16.47
	3H	16.18	17.06	16.57	17.40	17.74	15.79	16.67	16.17	17.01	17.35
	4H	16.50	17.32	16.90	17.67	18.04	16.08	16.89	16.48	17.25	17.61
	6H	16.74	17.48	17.15	17.86	18.26	16.29	17.04	16.71	17.42	17.81
	8H	16.80	17.51	17.22	17.90	18.30	16.34	17.05	16.76	17.44	17.85
	12H	16.84	17.51	17.26	17.91	18.32	16.37	17.05	16.80	17.44	17.86
4H	2H	15.54	16.35	15.94	16.71	17.07	15.23	16.05	15.63	16.40	16.77
	3H	16.63	17.32	17.06	17.71	18.13	16.30	16.99	16.73	17.38	17.80
	4H	17.09	17.69	17.53	18.11	18.56	16.73	17.32	17.17	17.75	18.19
	6H	17.38	17.90	17.85	18.36	18.81	16.99	17.52	17.47	17.97	18.42
	8H	17.51	17.99	17.99	18.45	18.92	17.10	17.59	17.59	18.05	18.52
	12H	17.61	18.05	18.10	18.51	19.03	17.19	17.64	17.68	18.09	18.61
8H	4H	17.16	17.65	17.65	18.11	18.58	16.83	17.31	17.31	17.77	18.25
	6H	17.55	17.95	18.06	18.43	18.94	17.20	17.60	17.71	18.07	18.59
	8H	17.80	18.13	18.33	18.65	19.15	17.42	17.76	17.96	18.28	18.78
	12H	17.97	18.22	18.51	18.74	19.26	17.58	17.84	18.13	18.36	18.88
12H	4H	17.15	17.59	17.64	18.04	18.56	16.82	17.26	17.31	17.72	18.24
	6H	17.61	17.94	18.14	18.46	18.96	17.27	17.60	17.80	18.12	18.62
	8H	17.85	18.10	18.39	18.62	19.14	17.49	17.74	18.03	18.26	18.78
Variation with the observer position at spacings:											
S = 1.0H		1.2/-0.8					1.4/-0.9				
S = 1.5H		2.0/-1.2					2.4/-1.2				
S = 2.0H		3.5/-1.4					3.9/-1.4				
Standard tables:		BK3					BK3				
Uncorrected UGR		-1.1					-0.7				

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	COEFFCIENTS OF UTILIZATION RHOFC=20 CU															
0	1.12	1.12	1.12	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	0.96	0.96	0.96	0.94
1	1.06	1.04	1.02	1.04	1.02	1.00	1.00	0.99	0.97	0.97	0.96	0.95	0.93	0.93	0.92	0.90
2	1.00	0.97	0.95	0.99	0.96	0.94	0.96	0.94	0.92	0.93	0.91	0.90	0.91	0.89	0.88	0.86
3	0.96	0.92	0.89	0.95	0.91	0.88	0.92	0.89	0.87	0.90	0.88	0.86	0.88	0.86	0.84	0.83
4	0.92	0.88	0.85	0.91	0.87	0.84	0.89	0.86	0.83	0.87	0.84	0.82	0.85	0.83	0.81	0.80
5	0.88	0.84	0.81	0.88	0.84	0.81	0.86	0.83	0.80	0.85	0.82	0.79	0.83	0.81	0.79	0.78
6	0.85	0.81	0.78	0.85	0.81	0.78	0.83	0.80	0.77	0.82	0.79	0.77	0.81	0.78	0.76	0.75
7	0.83	0.78	0.76	0.82	0.78	0.75	0.81	0.78	0.75	0.80	0.77	0.75	0.79	0.76	0.74	0.73
8	0.80	0.76	0.73	0.80	0.76	0.73	0.79	0.75	0.73	0.78	0.75	0.73	0.77	0.74	0.72	0.71
9	0.78	0.74	0.71	0.78	0.74	0.71	0.77	0.73	0.71	0.76	0.73	0.71	0.75	0.73	0.71	0.70
10	0.76	0.72	0.70	0.76	0.72	0.70	0.75	0.72	0.69	0.74	0.71	0.69	0.74	0.71	0.69	0.68





Luminaire Lumens:

FL=691.73,FM=78.1,FH=17.5,FVH=2.94

BL=607.07,BM=69.9,BH=16.52,BVH=2.73

UL=0,UH=0

BUG Rating:B2-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	9913.80	9918.24	9787.26	9665.15	9353.23	8842.60	8184.90	7123.14	6557.01
45.0	9788.92	9881.61	9882.16	9762.83	9553.03	9359.33	8771.56	8066.68	7216.38
90.0	9813.90	9702.89	9464.23	9067.39	8361.40	7909.05	7054.87	6109.10	5143.92
135.0	9882.72	9784.48	9602.43	9401.51	8872.57	8212.09	7398.43	6472.65	5893.75
180.0	9913.80	9877.72	9647.39	9296.61	8778.77	8072.78	7570.49	6427.69	5430.31
225.0	9788.92	9597.99	9243.89	8597.84	8157.15	7329.60	6366.64	5349.28	4180.95
270.0	9813.90	9861.07	9763.94	9578.57	9393.19	8860.36	8176.02	7381.22	6458.77
315.0	9882.72	9871.62	9752.84	9527.50	9143.43	8444.65	8015.62	7179.75	6242.31
360.0	9913.80	9918.24	9787.26	9665.15	9353.23	8842.60	8184.90	7123.14	6557.01

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	5554.63	4558.92	3650.90	2741.21	2370.46	1894.80	1104.11	1048.16	1048.16
45.0	6259.52	5687.29	4516.74	3628.14	2867.76	2183.97	1784.35	1482.42	1257.08
90.0	4020.55	3527.68	2790.06	2225.59	1735.51	1439.68	1052.94	1052.94	925.95
135.0	4705.45	3795.21	3019.28	2386.00	2083.51	1518.49	1278.17	1161.06	983.45
180.0	4449.58	3393.92	2674.61	2328.27	1727.18	1542.91	1258.19	1088.35	957.36
225.0	3651.45	2876.08	2265.00	1739.95	1435.79	1058.71	1058.71	934.22	871.94
270.0	5864.34	4715.99	3800.76	3028.16	2292.75	1848.73	1645.04	1287.60	1174.38
315.0	5281.01	4166.52	3667.55	2903.84	2319.95	1872.04	1497.40	1104.11	1104.11
360.0	5554.63	4558.92	3650.90	2741.21	2370.46	1894.80	1104.11	1048.16	1048.16

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	966.24	844.19	752.34	705.38	609.75	538.32	505.63	452.68	404.17
45.0	1152.18	981.23	872.44	782.53	695.39	651.54	568.85	487.81	455.06
90.0	864.62	771.43	644.55	604.92	541.26	484.54	431.64	376.47	349.50
135.0	868.56	776.42	695.95	648.21	567.18	508.35	455.06	395.68	351.83
180.0	847.47	790.86	688.73	613.25	548.86	490.59	427.31	381.25	336.84
225.0	778.20	652.21	611.86	547.42	510.01	436.19	378.75	352.50	311.70
270.0	1003.98	892.42	800.85	715.93	670.97	588.27	529.44	473.38	420.65
315.0	969.52	905.13	772.98	674.97	633.01	568.29	509.96	455.73	398.40
360.0	966.24	844.19	752.34	705.38	609.75	538.32	505.63	452.68	404.17

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	361.43	313.03	290.28	256.42	225.45	197.64	167.62	145.81	127.16
45.0	404.56	352.39	311.31	275.79	275.79	245.27	186.99	172.50	147.14
90.0	310.70	274.35	239.83	204.30	188.26	155.74	142.42	119.83	104.46
135.0	312.42	290.22	290.22	222.57	195.70	171.17	145.14	127.66	111.39
180.0	314.64	278.57	278.57	215.41	185.10	164.01	145.14	127.88	118.89
225.0	274.35	240.71	203.92	188.38	164.73	141.70	120.50	104.46	90.58
270.0	365.71	324.63	286.34	286.34	279.12	193.59	178.44	153.08	134.04
315.0	372.53	330.96	293.77	261.19	224.40	208.74	176.16	150.02	138.48
360.0	361.43	313.03	290.28	256.42	225.45	197.64	167.62	145.81	127.16

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	106.90	98.02	85.47	75.09	66.33	57.67	54.23	49.34	45.73
45.0	129.32	113.61	100.07	93.13	81.76	73.43	66.83	61.16	58.17
90.0	91.36	80.37	68.82	64.27	57.61	52.23	48.07	44.18	42.02
135.0	96.91	89.64	76.76	68.27	61.00	55.06	49.23	46.84	43.07
180.0	103.90	92.52	82.87	74.87	70.43	63.11	56.50	54.11	49.90
225.0	79.54	68.32	63.66	56.67	51.45	47.01	43.35	41.85	39.35
270.0	116.78	102.24	94.85	81.37	72.10	64.66	58.67	55.72	49.40
315.0	121.88	107.90	95.63	82.48	76.76	68.43	62.16	56.45	51.12
360.0	106.90	98.02	85.47	75.09	66.33	57.67	54.23	49.34	45.73

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	42.96	40.79	39.57	38.63	37.74	37.13	36.47	35.74	35.08
45.0	53.45	49.01	47.51	45.01	42.90	41.46	40.13	39.35	37.74
90.0	40.41	38.63	38.07	37.19	36.41	35.97	35.19	34.91	34.19
135.0	41.79	39.96	38.85	38.02	37.41	37.02	36.24	35.74	35.08
180.0	47.23	45.01	43.13	42.07	40.35	38.96	37.63	36.47	35.58
225.0	38.41	38.13	37.58	37.24	36.63	36.08	35.52	34.86	33.97
270.0	46.57	45.23	43.18	42.18	41.24	40.46	39.80	38.46	37.46
315.0	49.18	46.18	42.63	41.63	40.18	38.91	37.91	36.63	35.97
360.0	42.96	40.79	39.57	38.63	37.74	37.13	36.47	35.74	35.08
C/ γ (°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	34.30	33.86	33.13	31.64	31.36	30.03	29.31	27.64	26.14
45.0	36.58	35.47	34.52	33.69	32.19	30.47	29.64	28.08	26.81
90.0	33.52	32.64	31.53	30.86	29.25	27.75	27.03	25.81	24.64
135.0	34.30	33.75	32.52	31.03	30.30	28.75	27.53	26.31	25.09
180.0	34.08	32.64	31.41	29.75	28.36	27.03	25.92	25.09	23.76
225.0	33.19	32.02	31.30	30.19	28.20	27.53	26.36	25.53	23.87
270.0	36.63	35.58	34.91	33.52	31.75	31.08	29.36	28.08	26.86
315.0	34.91	33.75	32.69	31.25	30.53	29.25	28.03	26.53	25.42
360.0	34.30	33.86	33.13	31.64	31.36	30.03	29.31	27.64	26.14
C/ γ (°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	25.42	24.20	22.98	21.81	20.26	19.65	18.43	17.32	16.04
45.0	25.70	24.53	23.81	22.48	21.20	20.09	19.04	17.65	16.60
90.0	23.37	21.98	21.15	19.98	18.82	17.71	16.48	15.87	14.76
135.0	24.31	22.70	21.59	20.42	19.26	18.54	17.21	16.21	15.15
180.0	22.59	21.42	20.37	19.59	18.32	17.26	16.26	15.10	14.10
225.0	22.42	21.70	20.59	19.48	18.32	16.93	16.32	15.32	14.21
270.0	25.59	24.75	23.26	22.03	20.76	19.54	18.87	17.54	16.43
315.0	24.14	23.03	21.70	20.98	19.81	18.59	17.54	16.26	15.71
360.0	25.42	24.20	22.98	21.81	20.26	19.65	18.43	17.32	16.04
C/ γ (°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	14.99	13.93	12.93	11.60	11.04	9.99	9.27	8.66	7.88
45.0	15.65	14.93	13.76	12.71	11.77	10.77	10.16	9.32	8.71
90.0	13.15	12.49	11.43	10.43	9.55	8.77	8.38	7.77	7.22
135.0	13.88	12.82	11.82	10.82	10.21	9.32	8.66	8.05	7.49
180.0	13.27	12.38	11.88	10.88	10.10	9.60	9.05	8.60	7.55
225.0	12.88	11.82	10.88	9.88	8.99	8.60	7.99	7.44	6.88
270.0	15.49	14.21	13.10	12.10	11.04	10.43	9.55	8.88	8.33
315.0	14.26	13.04	12.43	11.43	10.43	9.60	8.82	8.49	7.83
360.0	14.99	13.93	12.93	11.60	11.04	9.99	9.27	8.66	7.88
C/ γ (°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	7.55	6.83	6.22	5.55	5.11	4.72	4.16	3.66	3.22
45.0	8.16	7.49	6.88	6.33	6.05	5.49	5.11	4.66	4.27
90.0	6.55	6.05	5.44	5.05	4.61	4.16	3.72	3.39	3.00
135.0	7.10	6.22	5.72	5.11	4.66	4.11	3.66	3.27	2.94
180.0	6.99	6.66	5.94	5.49	5.11	4.72	4.38	4.16	4.05
225.0	6.22	5.77	5.22	4.72	4.27	3.72	3.33	2.94	2.72
270.0	7.77	7.10	6.66	5.99	5.55	5.05	4.61	4.22	3.77
315.0	7.33	6.72	6.11	5.61	5.00	4.66	4.16	3.72	3.33
360.0	7.55	6.83	6.22	5.55	5.11	4.72	4.16	3.66	3.22

Intensity data(cd)

C/ $\gamma(^{\circ})$	90.0
0.0	2.94
45.0	4.11
90.0	2.94
135.0	2.78
180.0	4.16
225.0	2.72
270.0	3.61
315.0	3.11
360.0	2.94