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NT

Client:

LumCAT: 1-1492-L

Luminaire: 92.70.427.00

Report No: 2024923-B021

Ballast type: AC

Test No: 2024923-C021

Voltage(V): 36.280

LampCAT: CITIZEN CLU028 LES9.8

Current(A): 0.360

Lamp flux(lm): 1715.0

Power (W): 13.060

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1378.65, Efficiency(%): 80.39% , Luminous Efficacy(lm/W): 105.56

Central intensity(cd): 6058.601, Maximum intensity(cd): 6058.601

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=18.6

[C90/270]Total=18.6

Field angle(10%Imax): [C0/180]Total=53.6

[C90/270]Total=53.6

Maximum s/h(1/2): C0_180=0.32 C90_270=0.32

Maximum s/h(1/4): C0_180=0.38 C90_270=0.38

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 80.39%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.919%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/9/23
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	6058.600	0.000	0	0.00%	0.00%
1.0	6016.537	5.778	5.778	0.34%	0.42%
2.0	5878.497	17.073	22.851	1.00%	1.66%
3.0	5670.450	27.621	50.472	1.61%	3.66%
4.0	5345.284	36.873	87.345	2.15%	6.34%
5.0	4942.869	44.259	131.604	2.58%	9.55%
6.0	4507.169	49.662	181.267	2.90%	13.15%
7.0	4045.426	53.086	234.352	3.10%	17.00%
8.0	3547.766	54.343	288.695	3.17%	20.94%
9.0	3122.088	54.056	342.751	3.15%	24.86%
10.0	2766.124	53.286	396.037	3.11%	28.73%
11.0	2471.098	52.331	448.368	3.05%	32.52%
12.0	2240.007	51.499	499.867	3.00%	36.26%
13.0	2024.352	50.607	550.474	2.95%	39.93%
14.0	1853.173	49.632	600.106	2.89%	43.53%
15.0	1704.819	48.846	648.952	2.85%	47.07%
16.0	1569.339	47.976	696.927	2.80%	50.55%
17.0	1397.481	46.201	743.129	2.69%	53.90%
18.0	1277.868	44.111	787.239	2.57%	57.10%
19.0	1207.985	43.249	830.488	2.52%	60.24%
20.0	1109.967	42.425	872.913	2.47%	63.32%
21.0	1012.432	40.754	913.668	2.38%	66.27%
22.0	921.861	38.870	952.538	2.27%	69.09%
23.0	842.644	37.024	989.562	2.16%	71.78%
24.0	770.134	35.261	1024.823	2.06%	74.34%
25.0	709.936	33.654	1058.477	1.96%	76.78%
26.0	654.113	32.199	1090.675	1.88%	79.11%
27.0	595.532	30.573	1121.248	1.78%	81.33%
28.0	536.015	28.648	1149.897	1.67%	83.41%
29.0	470.982	26.346	1176.242	1.54%	85.32%
30.0	405.451	23.664	1199.906	1.38%	87.03%
31.0	341.479	20.786	1220.692	1.21%	88.54%
32.0	283.344	17.900	1238.592	1.04%	89.84%
33.0	242.049	15.478	1254.071	0.90%	90.96%
34.0	203.380	13.480	1267.551	0.79%	91.94%
35.0	133.475	10.461	1278.012	0.61%	92.70%
36.0	104.368	7.573	1285.585	0.44%	93.25%
37.0	82.019	6.079	1291.664	0.35%	93.69%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	69.795	5.067	1296.731	0.30%	94.06%
39.0	61.039	4.466	1301.197	0.26%	94.38%
40.0	54.558	4.032	1305.229	0.24%	94.67%
41.0	48.925	3.685	1308.914	0.21%	94.94%
42.0	44.104	3.380	1312.293	0.20%	95.19%
43.0	40.139	3.121	1315.414	0.18%	95.41%
44.0	36.847	2.906	1318.32	0.17%	95.62%
45.0	34.024	2.724	1321.043	0.16%	95.82%
46.0	31.449	2.560	1323.604	0.15%	96.01%
47.0	29.261	2.415	1326.018	0.14%	96.18%
48.0	27.528	2.296	1328.314	0.13%	96.35%
49.0	26.057	2.200	1330.515	0.13%	96.51%
50.0	24.579	2.111	1332.626	0.12%	96.66%
51.0	23.285	2.025	1334.651	0.12%	96.81%
52.0	22.165	1.950	1336.601	0.11%	96.95%
53.0	21.083	1.881	1338.483	0.11%	97.09%
54.0	20.029	1.812	1340.295	0.11%	97.22%
55.0	19.049	1.744	1342.039	0.10%	97.34%
56.0	18.252	1.686	1343.724	0.10%	97.47%
57.0	17.491	1.634	1345.359	0.10%	97.58%
58.0	16.745	1.583	1346.942	0.09%	97.70%
59.0	16.101	1.536	1348.477	0.09%	97.81%
60.0	15.457	1.491	1349.968	0.09%	97.92%
61.0	14.879	1.448	1351.416	0.08%	98.02%
62.0	14.265	1.404	1352.82	0.08%	98.13%
63.0	13.643	1.357	1354.178	0.08%	98.22%
64.0	13.021	1.308	1355.486	0.08%	98.32%
65.0	12.421	1.259	1356.745	0.07%	98.41%
66.0	11.873	1.212	1357.957	0.07%	98.50%
67.0	11.244	1.162	1359.12	0.07%	98.58%
68.0	10.702	1.112	1360.231	0.06%	98.66%
69.0	10.263	1.070	1361.301	0.06%	98.74%
70.0	9.876	1.034	1362.335	0.06%	98.82%
71.0	9.546	1.004	1363.339	0.06%	98.89%
72.0	9.261	0.978	1364.317	0.06%	98.96%
73.0	9.027	0.956	1365.273	0.06%	99.03%
74.0	8.793	0.937	1366.21	0.05%	99.10%
75.0	8.552	0.916	1367.127	0.05%	99.16%

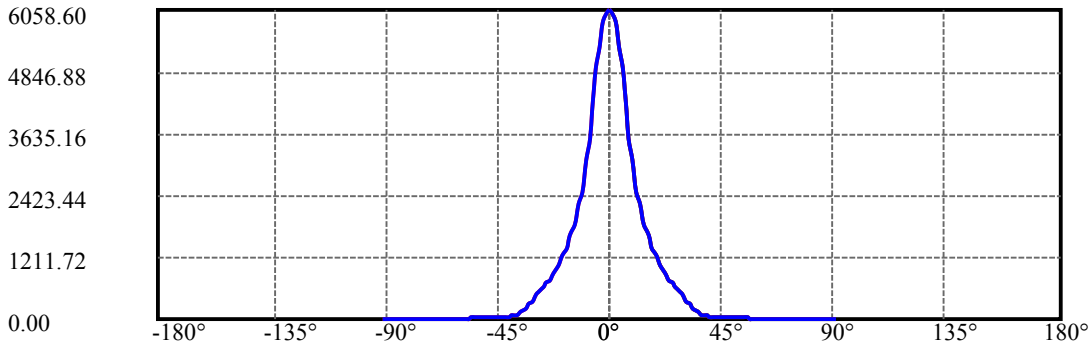
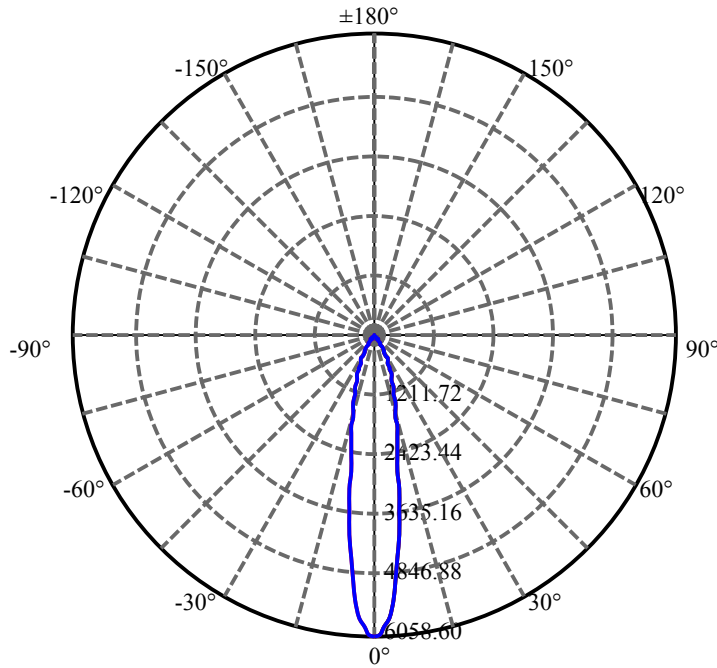
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	8.354	0.897	1368.024	0.05%	99.23%
77.0	8.120	0.878	1368.903	0.05%	99.29%
78.0	7.930	0.859	1369.762	0.05%	99.35%
79.0	7.725	0.841	1370.603	0.05%	99.42%
80.0	7.491	0.820	1371.423	0.05%	99.48%
81.0	7.308	0.800	1372.223	0.05%	99.53%
82.0	7.110	0.782	1373.005	0.05%	99.59%
83.0	6.913	0.762	1373.768	0.04%	99.65%
84.0	6.723	0.743	1374.51	0.04%	99.70%
85.0	6.540	0.724	1375.234	0.04%	99.75%
86.0	6.394	0.707	1375.941	0.04%	99.80%
87.0	6.255	0.692	1376.634	0.04%	99.85%
88.0	6.218	0.683	1377.317	0.04%	99.90%
89.0	6.094	0.675	1377.992	0.04%	99.95%
90.0	5.999	0.663	1378.655	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1199.91	69.97%	87.03%
0-40	1305.23	76.11%	94.67%
0-60	1349.97	78.72%	97.92%
0-90	1377.99	80.35%	99.95%
0-120	1377.99	80.35%	99.95%
0-180	1378.65	80.39%	100.00%
60-90	28.02	1.63%	2.03%
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%
0-26.40	1102.92	64.31%	80.00%

ZONAL LUMEN SUMMARY

0-10	396.04
10-20	476.88
20-30	326.99
30-40	105.32
40-50	27.40
50-60	17.34
60-70	12.37
70-80	9.09
80-90	6.57
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



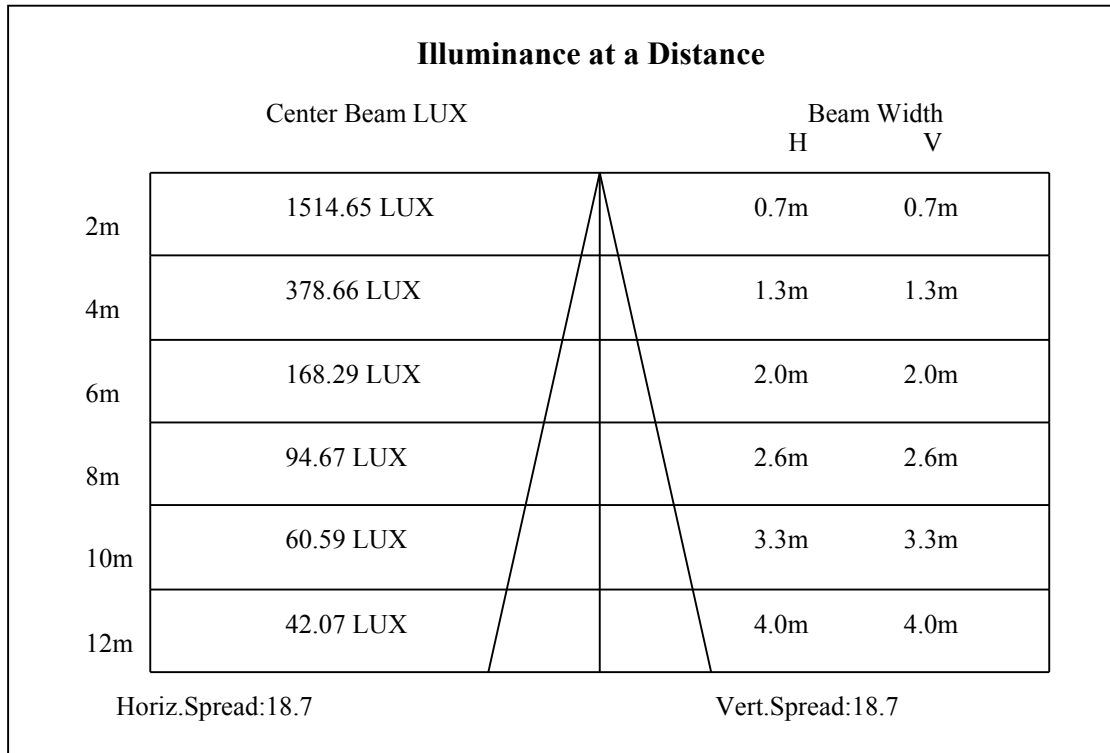
C0(Max): —————

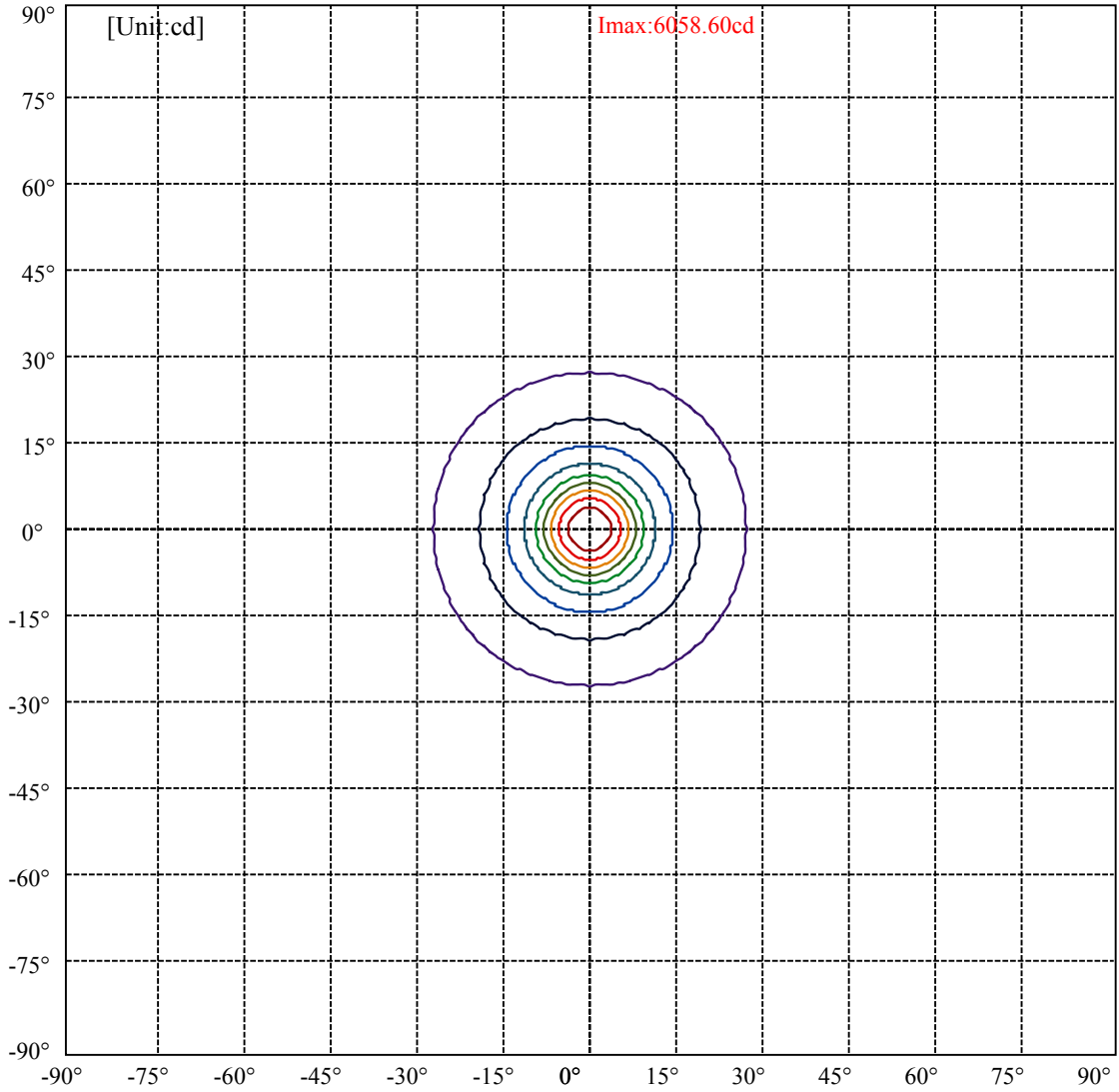
C0/C180: —————

C90/C270: —————

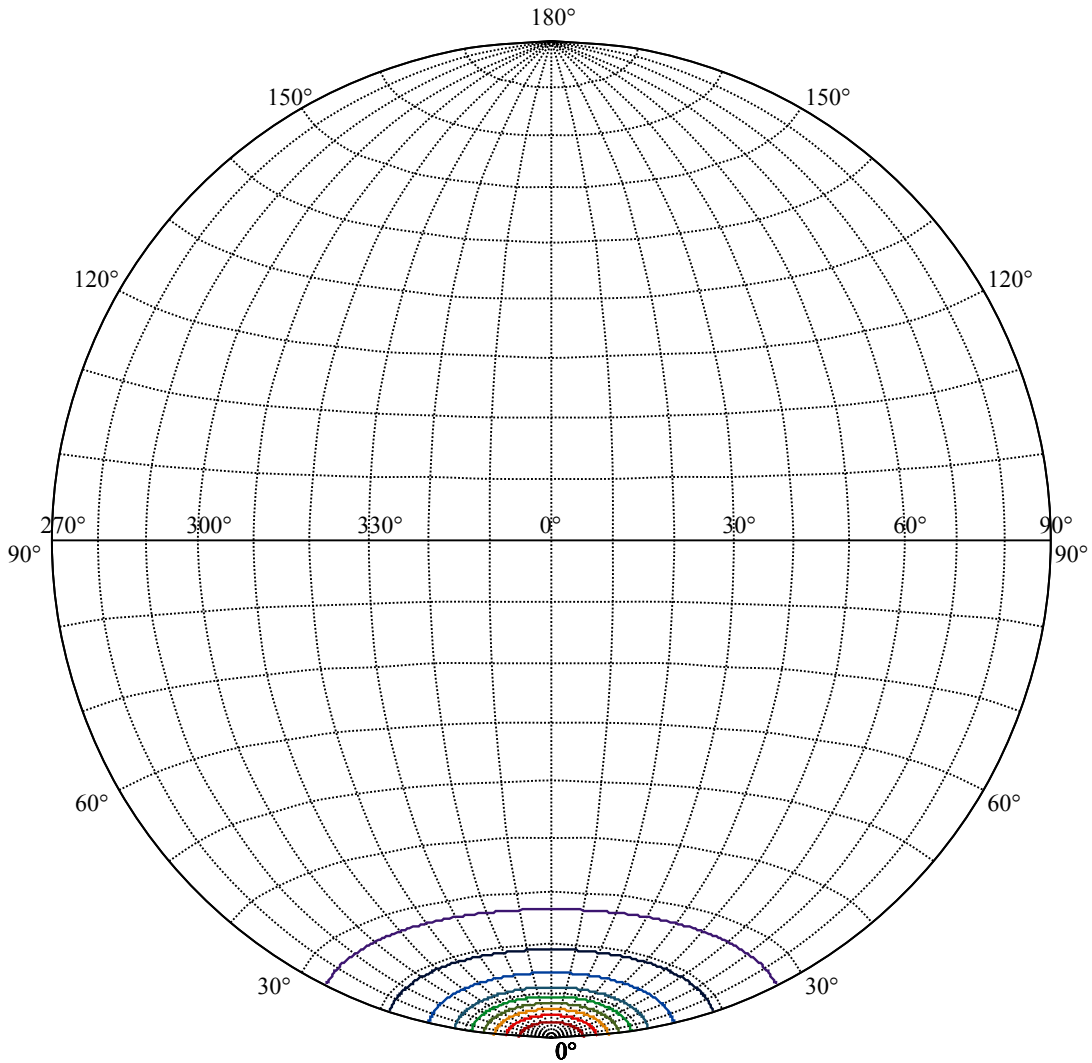
Field angle(10%Imax):C0/180Left:26.8 Right:26.8
:C90/270Left:26.8 Right:26.8

Beam Angle(50%Imax):C0/180Left:9.3 Right:9.3
:C90/270Left:9.3 Right:9.3





(10%Imax) 605.86	—
(20%Imax) 1211.72	—
(30%Imax) 1817.58	—
(40%Imax) 2423.44	—
(50%Imax) 3029.3	—
(60%Imax) 3635.16	—
(70%Imax) 4241.02	—
(80%Imax) 4846.88	—
(90%Imax) 5452.74	—



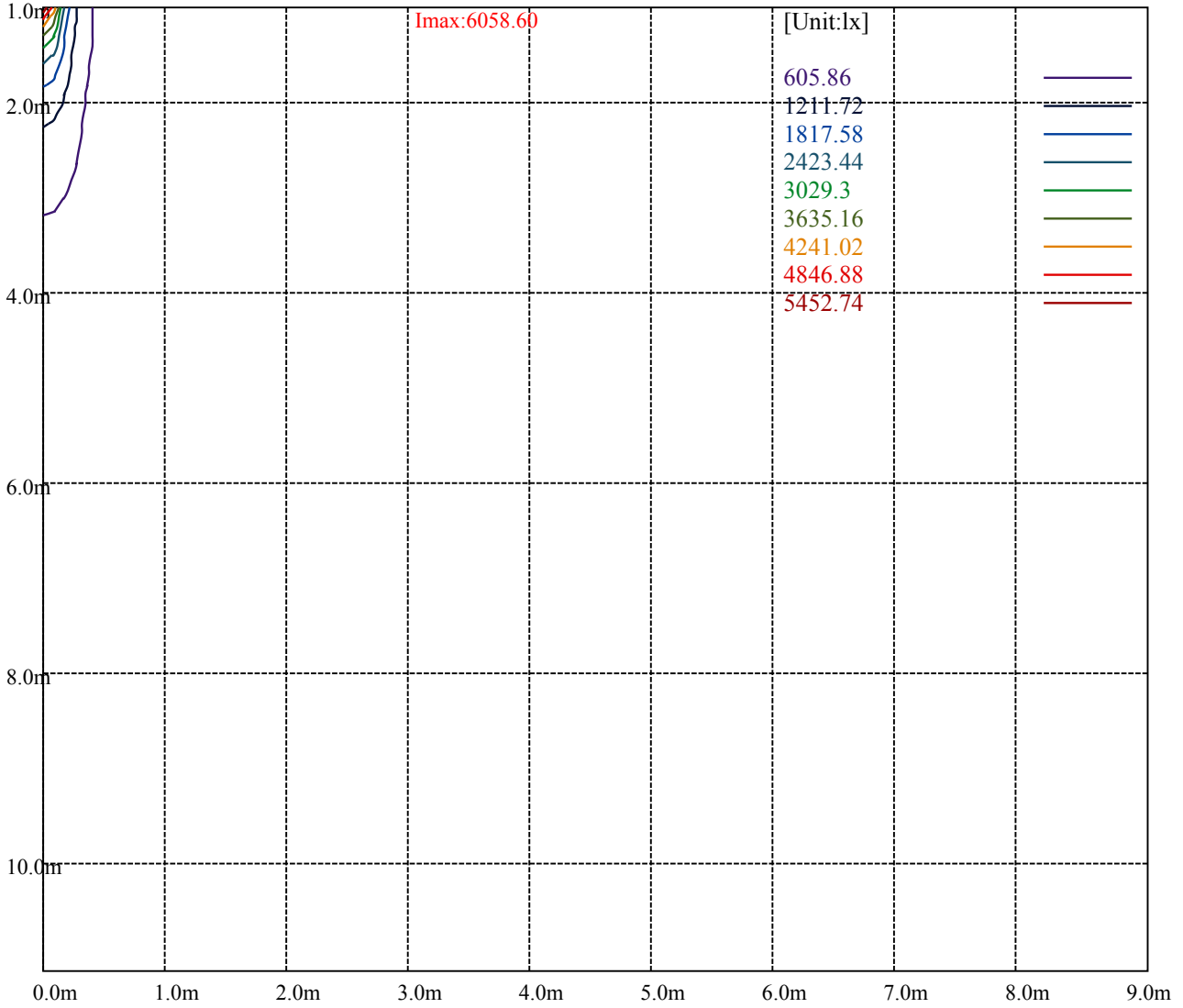
House

[Unit:cd]

Road

Imax:6058.60

(10%Imax) 605.86	—
(20%Imax) 1211.72	—
(30%Imax) 1817.58	—
(40%Imax) 2423.44	—
(50%Imax) 3029.3	—
(60%Imax) 3635.16	—
(70%Imax) 4241.02	—
(80%Imax) 4846.88	—
(90%Imax) 5452.74	—



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

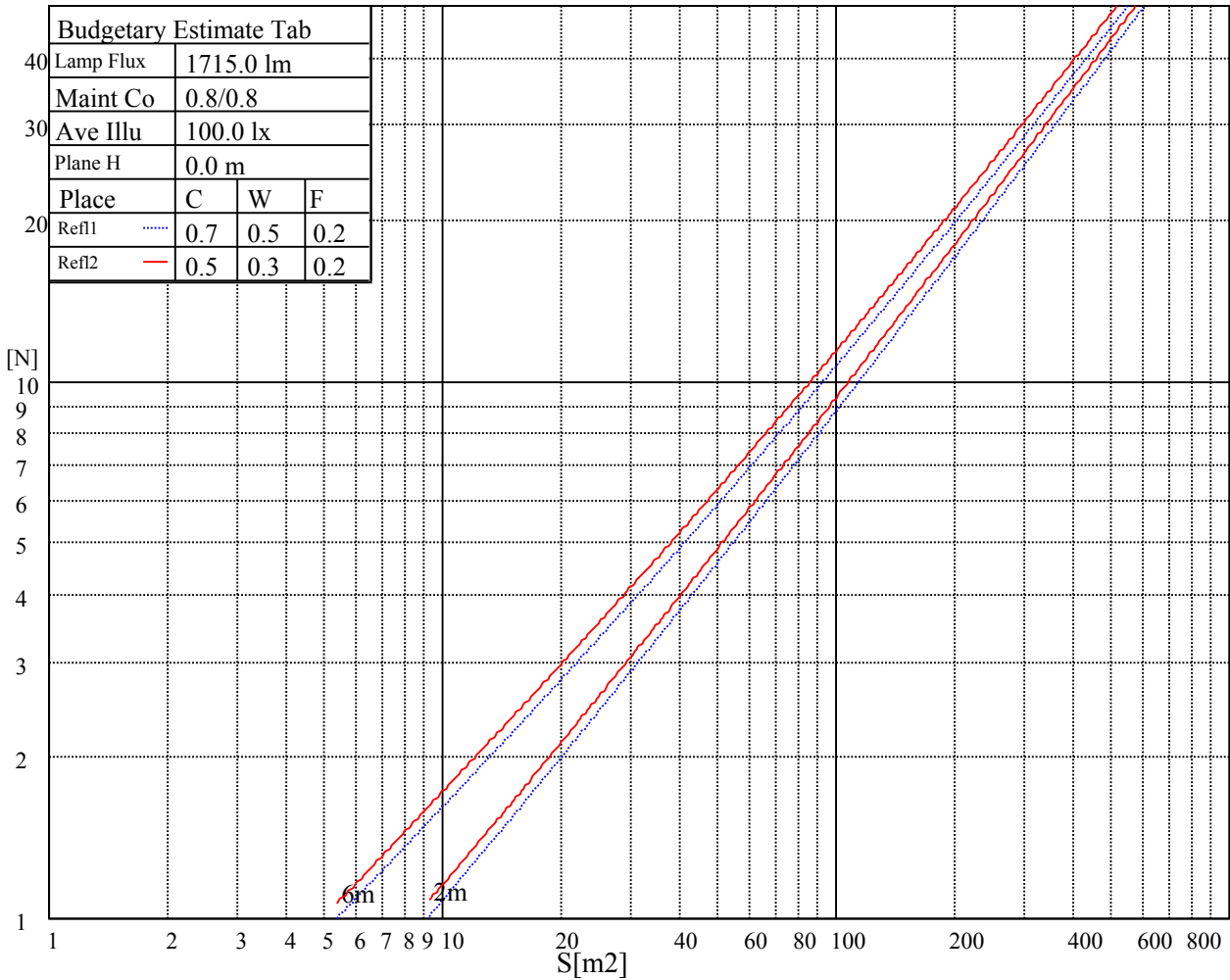
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

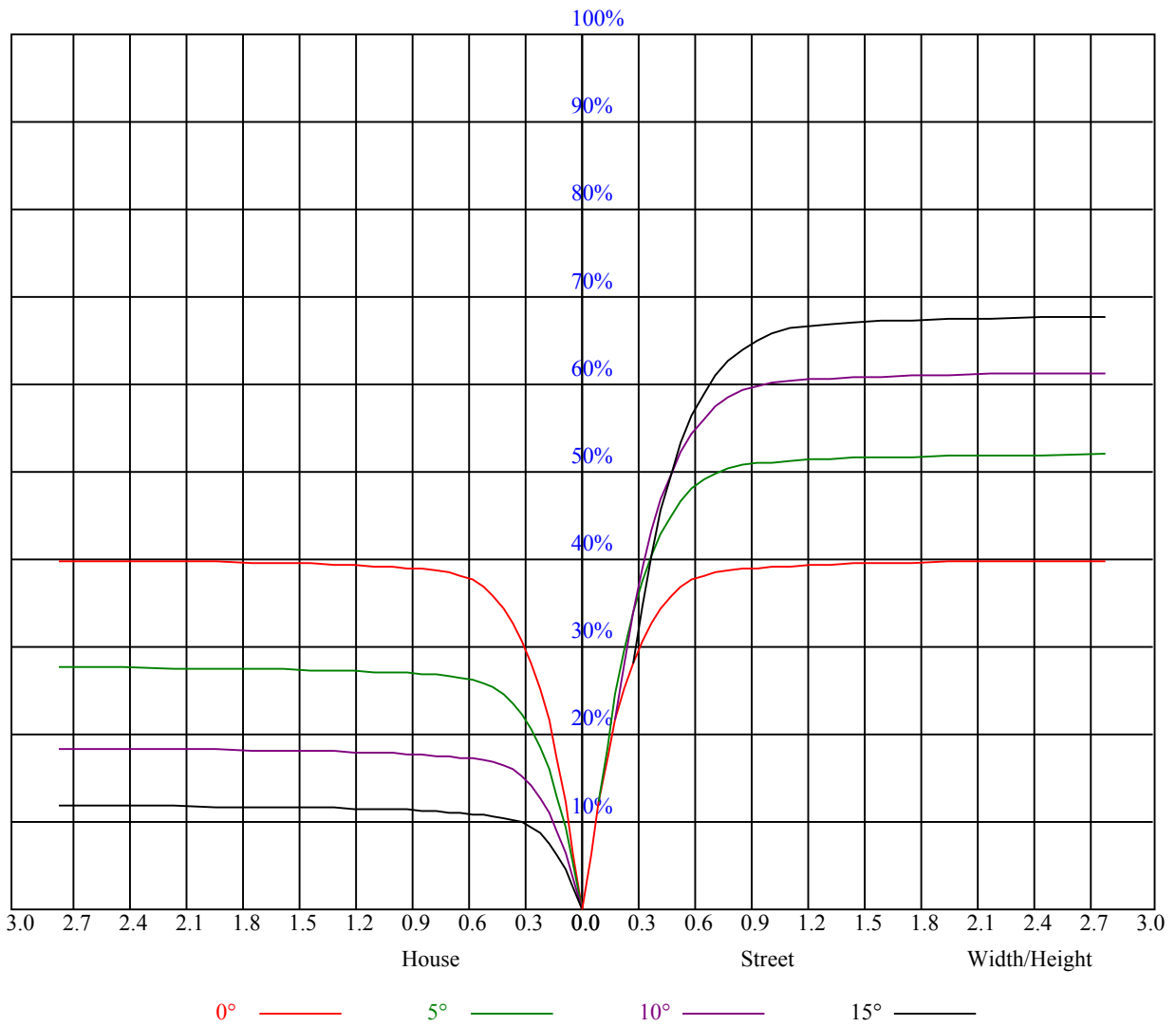


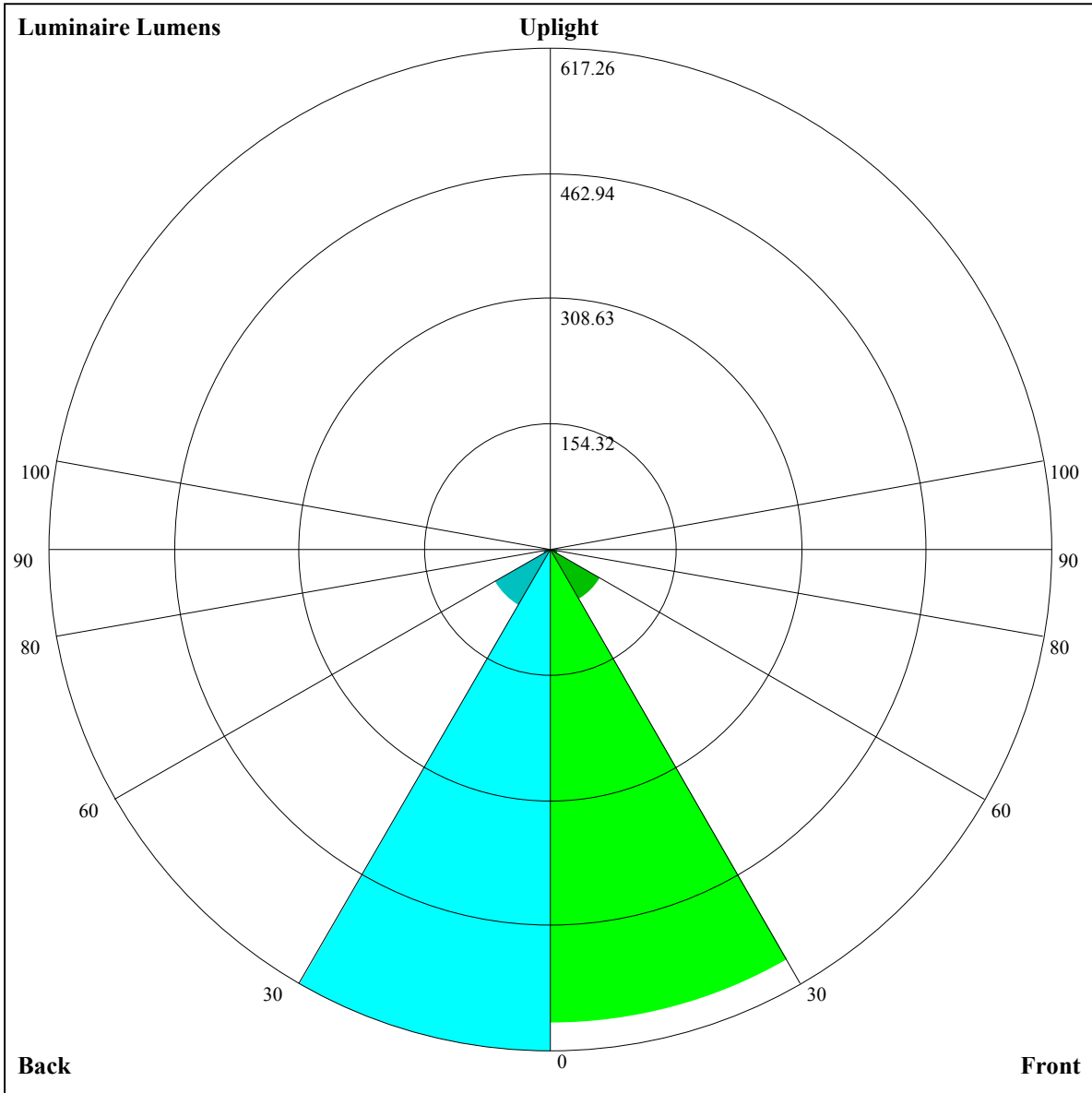
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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 RHOF=20 CU															
0	0.96	0.96	0.96	0.93	0.93	0.93	0.89	0.89	0.89	0.86	0.86	0.86	0.82	0.82	0.82	0.80
1	0.90	0.88	0.86	0.88	0.86	0.85	0.85	0.84	0.82	0.82	0.81	0.80	0.79	0.78	0.78	0.76
2	0.85	0.82	0.79	0.83	0.81	0.79	0.81	0.79	0.77	0.78	0.77	0.75	0.76	0.75	0.74	0.72
3	0.80	0.77	0.74	0.79	0.76	0.74	0.77	0.75	0.72	0.75	0.73	0.71	0.74	0.72	0.70	0.69
4	0.76	0.73	0.70	0.76	0.72	0.69	0.74	0.71	0.69	0.72	0.70	0.68	0.71	0.69	0.67	0.66
5	0.73	0.69	0.66	0.72	0.69	0.66	0.71	0.68	0.65	0.70	0.67	0.65	0.68	0.66	0.64	0.63
6	0.70	0.66	0.63	0.69	0.66	0.63	0.68	0.65	0.62	0.67	0.64	0.62	0.66	0.64	0.62	0.61
7	0.67	0.63	0.60	0.67	0.63	0.60	0.66	0.62	0.60	0.65	0.62	0.60	0.64	0.61	0.59	0.58
8	0.64	0.61	0.58	0.64	0.60	0.58	0.63	0.60	0.58	0.63	0.60	0.57	0.62	0.59	0.57	0.56
9	0.62	0.58	0.56	0.62	0.58	0.56	0.61	0.58	0.56	0.60	0.57	0.55	0.60	0.57	0.55	0.54
10	0.60	0.56	0.54	0.60	0.56	0.54	0.59	0.56	0.54	0.59	0.56	0.53	0.58	0.55	0.53	0.52





Luminaire Lumens:

FL=582.41,FM=70.72,FH=10.62,FVH=3.6

BL=617.26,BM=79.55,BH=10.82,BVH=3.63

UL=0,UH=0

BUG Rating:B2-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	6034.31	5928.39	5719.46	5444.41	5082.74	4550.18	4099.56	3634.89	3108.77
45.0	6068.84	6079.38	5965.26	5800.81	5453.77	5109.66	4708.78	4273.96	3712.73
90.0	6070.01	5976.96	5794.37	5546.82	5130.14	4739.21	4324.29	3767.15	3350.47
135.0	6061.23	6086.40	6043.68	5868.69	5651.58	5349.02	4891.95	4478.20	3920.48
180.0	6034.31	6067.09	6020.85	5895.03	5618.80	5323.85	4866.79	4437.82	3991.29
225.0	6068.84	5987.50	5770.38	5520.49	5189.83	4707.61	4270.45	3811.04	3358.08
270.0	6070.01	6075.86	5992.18	5834.75	5531.02	5200.95	4807.10	4352.96	3774.76
315.0	6061.23	5930.73	5721.80	5452.60	5104.39	4562.47	4088.44	3607.39	3165.54
360.0	6034.31	5928.39	5719.46	5444.41	5082.74	4550.18	4099.56	3634.89	3108.77
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	2763.49	2495.46	2228.01	2038.98	1840.01	1698.97	1571.39	1450.25	1165.89
45.0	3293.70	2928.52	2636.50	2342.13	2147.25	1975.78	1786.17	1643.96	1513.45
90.0	2973.00	2599.04	2367.29	2161.88	1994.51	1804.31	1669.71	1543.30	1425.67
135.0	3480.98	3090.63	2759.98	2495.46	2229.18	2040.74	1876.88	1730.57	1564.36
180.0	3440.60	3041.47	2709.07	2440.45	2176.51	1998.02	1839.42	1700.14	1545.64
225.0	2974.17	2576.22	2332.18	2130.86	1912.57	1762.76	1628.74	1476.00	1365.39
270.0	3331.16	2943.16	2548.71	2308.19	2059.47	1887.41	1738.18	1602.40	1450.83
315.0	2719.60	2454.49	2187.04	2002.11	1835.32	1657.42	1528.08	1408.11	1148.62
360.0	2763.49	2495.46	2228.01	2038.98	1840.01	1698.97	1571.39	1450.25	1165.89
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1165.89	1117.49	1026.37	921.20	843.02	774.55	718.89	651.88	596.93
45.0	1371.83	1268.24	1148.86	1057.56	970.36	886.67	794.21	733.93	684.19
90.0	1167.11	1167.11	1094.25	981.66	899.90	823.70	749.97	700.46	638.30
135.0	1449.66	1322.08	1223.18	1129.54	1018.35	934.08	854.49	772.56	718.71
180.0	1433.27	1328.52	1206.21	1112.57	1021.86	916.52	834.59	762.02	707.01
225.0	1143.41	1143.41	1051.36	964.68	868.47	797.19	743.06	695.13	643.86
270.0	1343.15	1237.81	1138.32	1025.96	941.10	859.75	771.97	720.47	668.97
315.0	1148.62	1079.21	991.20	906.28	811.82	748.68	693.90	643.05	574.93
360.0	1165.89	1117.49	1026.37	921.20	843.02	774.55	718.89	651.88	596.93
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	537.30	461.45	404.45	346.63	277.51	224.38	163.34	123.48	94.69
45.0	630.35	573.58	500.43	441.90	385.14	310.81	296.18	296.18	149.06
90.0	583.12	523.78	463.38	390.23	331.18	274.53	221.51	162.17	123.42
135.0	663.12	604.60	544.32	468.24	410.30	352.95	298.52	298.52	189.61
180.0	658.44	602.84	544.90	467.07	402.11	341.83	302.03	302.03	169.42
225.0	572.53	515.06	453.90	393.56	319.59	262.94	200.56	155.90	119.44
270.0	602.26	548.41	472.34	410.89	350.61	295.60	295.60	175.10	133.78
315.0	517.16	458.41	384.14	325.09	255.39	203.72	158.65	113.65	88.37
360.0	537.30	461.45	404.45	346.63	277.51	224.38	163.34	123.48	94.69
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	77.95	69.17	60.69	54.95	50.21	46.00	41.49	38.39	35.64
45.0	113.53	83.57	71.51	63.91	57.64	51.09	46.41	42.72	39.27
90.0	96.39	79.82	68.71	61.57	54.37	49.16	44.95	40.50	37.45
135.0	148.88	108.27	88.19	73.91	65.66	59.05	52.03	47.40	43.37
180.0	132.85	96.45	78.60	66.48	58.87	52.26	46.06	41.79	37.98
225.0	89.31	74.97	65.90	56.53	50.45	45.53	41.38	37.16	34.35
270.0	102.77	79.30	68.82	60.80	53.96	47.11	42.72	39.03	35.17
315.0	73.27	64.61	55.95	50.15	45.30	41.20	37.81	34.12	31.54
360.0	77.95	69.17	60.69	54.95	50.21	46.00	41.49	38.39	35.64

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	32.66	30.67	28.50	27.15	25.81	24.35	23.23	22.12	21.13
45.0	36.34	33.12	30.96	29.03	27.04	25.69	24.17	23.06	22.06
90.0	34.70	32.25	29.73	27.97	26.57	25.11	23.58	22.53	21.42
135.0	39.97	36.17	33.65	31.31	29.44	27.27	25.75	24.46	22.94
180.0	35.00	32.36	29.61	27.74	26.16	24.81	23.29	22.24	21.01
225.0	32.01	29.90	27.80	26.34	25.11	23.70	22.65	21.30	20.42
270.0	32.66	30.02	28.21	26.69	25.40	23.99	22.88	21.83	20.83
315.0	28.85	27.10	25.63	23.99	22.94	21.71	20.72	19.78	18.84
360.0	32.66	30.67	28.50	27.15	25.81	24.35	23.23	22.12	21.13
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	19.90	18.96	18.20	17.38	16.56	15.98	15.39	14.69	14.16
45.0	20.89	19.90	19.02	18.26	17.32	16.68	16.09	15.51	14.69
90.0	20.31	19.43	18.61	17.67	16.97	16.33	15.51	14.92	14.28
135.0	21.83	20.60	19.72	18.84	17.85	17.15	16.44	15.86	15.22
180.0	20.01	19.20	18.20	17.50	16.91	16.09	15.57	14.98	14.46
225.0	19.55	18.49	17.79	17.15	16.56	15.98	15.27	14.69	14.10
270.0	19.66	18.73	18.02	17.32	16.50	15.98	15.22	14.69	14.16
315.0	18.08	17.09	16.44	15.80	15.27	14.63	14.16	13.69	13.05
360.0	19.90	18.96	18.20	17.38	16.56	15.98	15.39	14.69	14.16
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	13.64	12.93	12.35	11.76	11.12	10.59	10.24	9.95	9.60
45.0	14.16	13.58	12.82	12.23	11.53	10.89	10.36	9.89	9.60
90.0	13.69	12.93	12.35	11.76	11.06	10.53	10.12	9.71	9.42
135.0	14.46	13.81	13.23	12.70	12.00	11.41	10.77	10.36	10.01
180.0	13.69	13.17	12.58	12.11	11.47	10.94	10.53	10.01	9.66
225.0	13.40	12.82	12.23	11.59	11.06	10.48	10.07	9.77	9.42
270.0	13.52	12.99	12.41	11.88	11.29	10.77	10.36	9.95	9.54
315.0	12.58	11.94	11.41	10.94	10.42	10.01	9.66	9.36	9.13
360.0	13.64	12.93	12.35	11.76	11.12	10.59	10.24	9.95	9.60
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	9.31	9.01	8.84	8.60	8.37	8.08	7.84	7.67	7.43
45.0	9.36	9.13	8.90	8.66	8.49	8.25	8.08	7.84	7.61
90.0	9.19	8.90	8.72	8.49	8.31	8.08	7.96	7.72	7.49
135.0	9.66	9.42	9.13	8.90	8.72	8.49	8.31	8.13	7.90
180.0	9.31	9.07	8.84	8.60	8.37	8.19	8.02	7.84	7.55
225.0	9.13	8.95	8.72	8.49	8.25	7.96	7.78	7.55	7.32
270.0	9.31	9.07	8.78	8.54	8.37	8.08	7.90	7.67	7.43
315.0	8.84	8.66	8.43	8.13	7.96	7.84	7.55	7.37	7.20
360.0	9.31	9.01	8.84	8.60	8.37	8.08	7.84	7.67	7.43
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	7.26	7.08	6.85	6.67	6.50	6.32	6.20	6.32	5.97
45.0	7.43	7.20	6.96	6.79	6.61	6.44	6.26	6.20	6.26
90.0	7.32	7.14	6.91	6.73	6.50	6.32	6.20	6.20	5.97
135.0	7.67	7.37	7.20	6.96	6.73	6.61	6.38	6.26	6.26
180.0	7.37	7.14	7.02	6.79	6.61	6.44	6.32	6.20	6.32
225.0	7.14	6.96	6.73	6.61	6.44	6.32	6.20	6.32	5.97
270.0	7.26	7.08	6.96	6.73	6.55	6.44	6.26	6.20	6.03
315.0	7.02	6.91	6.67	6.50	6.38	6.26	6.20	6.03	5.97
360.0	7.26	7.08	6.85	6.67	6.50	6.32	6.20	6.32	5.97

Intensity data(cd)

C/γ(°)	90.0
0.0	6.09
45.0	5.91
90.0	5.97
135.0	6.03
180.0	5.91
225.0	5.97
270.0	5.97
315.0	6.14
360.0	6.09