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NT

Client:

LumCAT: 1-1493-L

Luminaire: 92.70.427.00

Report No: 2024923-B004

Ballast type: AC

Test No: 2024924-C004

Voltage(V): 36.200

LampCAT: CITIZEN CLU028 LES9.8

Current(A): 0.360

Lamp flux(lm): 1718.0

Power (W): 13.032

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1358.20, Efficiency(%): 79.06% , Luminous Efficacy(lm/W): 104.22

Central intensity(cd): 4752.817, Maximum intensity(cd): 4752.817

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=24.0

[C90/270]Total=24.0

Field angle(10%Imax): [C0/180]Total=58.0

[C90/270]Total=58.0

Maximum s/h(1/2): C0_180=0.40 C90_270=0.40

Maximum s/h(1/4): C0_180=0.45 C90_270=0.45

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 79.06%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.969%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/9/24
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	4752.817	0.000	0	0.00%	0.00%
1.0	4720.703	4.533	4.533	0.26%	0.33%
2.0	4638.113	13.433	17.966	0.78%	1.32%
3.0	4505.413	21.868	39.834	1.27%	2.93%
4.0	4318.287	29.536	69.37	1.72%	5.11%
5.0	4102.120	36.224	105.594	2.11%	7.77%
6.0	3872.712	41.910	147.504	2.44%	10.86%
7.0	3596.339	46.360	193.864	2.70%	14.27%
8.0	3344.546	49.675	243.538	2.89%	17.93%
9.0	3080.683	52.073	295.611	3.03%	21.77%
10.0	2826.110	53.454	349.066	3.11%	25.70%
11.0	2596.775	54.186	403.252	3.15%	29.69%
12.0	2376.218	54.362	457.614	3.16%	33.69%
13.0	2164.733	53.890	511.503	3.14%	37.66%
14.0	1967.073	52.887	564.39	3.08%	41.55%
15.0	1799.552	51.710	616.1	3.01%	45.36%
16.0	1646.223	50.490	666.59	2.94%	49.08%
17.0	1455.557	48.303	714.893	2.81%	52.64%
18.0	1332.331	45.966	760.859	2.68%	56.02%
19.0	1240.399	44.760	805.62	2.61%	59.32%
20.0	1147.758	43.710	849.33	2.54%	62.53%
21.0	1049.338	42.189	891.518	2.46%	65.64%
22.0	956.623	40.311	931.829	2.35%	68.61%
23.0	872.900	38.388	970.217	2.23%	71.43%
24.0	798.057	36.533	1006.75	2.13%	74.12%
25.0	727.413	34.686	1041.436	2.02%	76.68%
26.0	663.726	32.838	1074.274	1.91%	79.10%
27.0	599.600	30.908	1105.182	1.80%	81.37%
28.0	534.581	28.715	1133.897	1.67%	83.49%
29.0	472.906	26.359	1160.255	1.53%	85.43%
30.0	408.231	23.791	1184.046	1.38%	87.18%
31.0	342.708	20.898	1204.943	1.22%	88.72%
32.0	288.574	18.085	1223.029	1.05%	90.05%
33.0	248.633	15.826	1238.855	0.92%	91.21%
34.0	187.448	13.197	1252.052	0.77%	92.18%
35.0	161.193	10.827	1262.88	0.63%	92.98%
36.0	106.218	8.514	1271.394	0.50%	93.61%
37.0	84.148	6.209	1277.603	0.36%	94.07%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	69.327	5.123	1282.726	0.30%	94.44%
39.0	60.029	4.415	1287.141	0.26%	94.77%
40.0	52.963	3.941	1291.082	0.23%	95.06%
41.0	46.518	3.542	1294.624	0.21%	95.32%
42.0	41.207	3.187	1297.811	0.19%	95.55%
43.0	36.811	2.890	1300.701	0.17%	95.77%
44.0	33.087	2.638	1303.34	0.15%	95.96%
45.0	30.022	2.425	1305.765	0.14%	96.14%
46.0	27.410	2.246	1308.011	0.13%	96.31%
47.0	25.121	2.089	1310.1	0.12%	96.46%
48.0	23.292	1.957	1312.057	0.11%	96.60%
49.0	21.719	1.848	1313.906	0.11%	96.74%
50.0	20.293	1.752	1315.657	0.10%	96.87%
51.0	19.166	1.669	1317.327	0.10%	96.99%
52.0	18.281	1.607	1318.934	0.09%	97.11%
53.0	17.447	1.554	1320.488	0.09%	97.22%
54.0	16.825	1.511	1321.999	0.09%	97.33%
55.0	16.328	1.480	1323.478	0.09%	97.44%
56.0	15.925	1.457	1324.936	0.08%	97.55%
57.0	15.596	1.441	1326.377	0.08%	97.66%
58.0	15.267	1.427	1327.804	0.08%	97.76%
59.0	14.952	1.413	1329.217	0.08%	97.87%
60.0	14.609	1.397	1330.614	0.08%	97.97%
61.0	14.228	1.376	1331.99	0.08%	98.07%
62.0	13.782	1.350	1333.34	0.08%	98.17%
63.0	13.248	1.315	1334.654	0.08%	98.27%
64.0	12.648	1.271	1335.925	0.07%	98.36%
65.0	12.092	1.224	1337.149	0.07%	98.45%
66.0	11.492	1.177	1338.326	0.07%	98.54%
67.0	10.893	1.126	1339.452	0.07%	98.62%
68.0	10.358	1.077	1340.528	0.06%	98.70%
69.0	9.868	1.032	1341.56	0.06%	98.78%
70.0	9.444	0.992	1342.552	0.06%	98.85%
71.0	9.100	0.958	1343.51	0.06%	98.92%
72.0	8.786	0.930	1344.44	0.05%	98.99%
73.0	8.544	0.906	1345.346	0.05%	99.05%
74.0	8.318	0.886	1346.233	0.05%	99.12%
75.0	8.113	0.868	1347.101	0.05%	99.18%

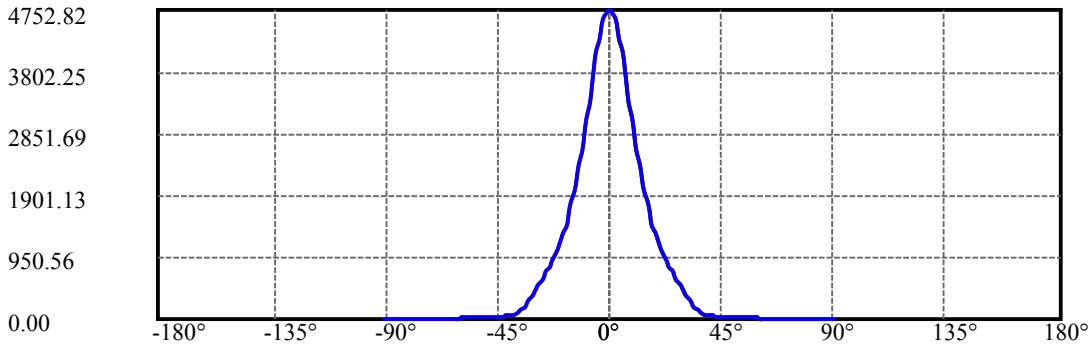
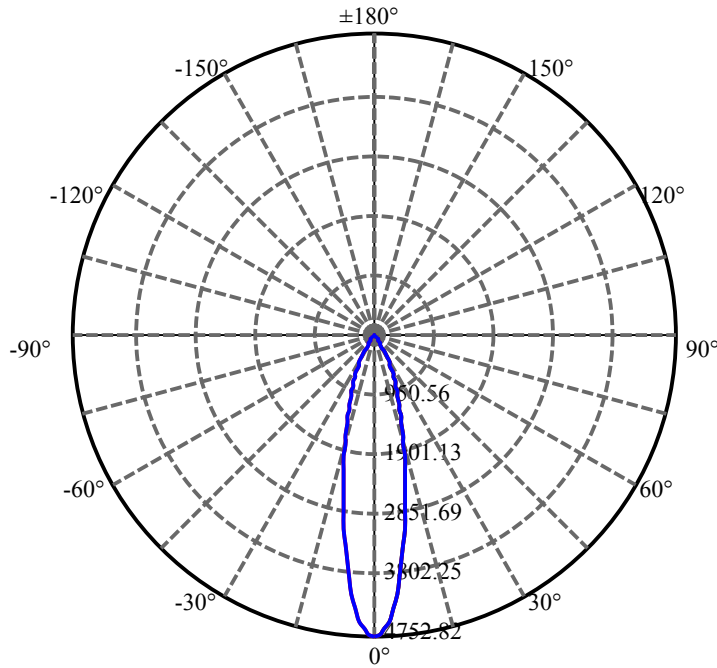
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	7.901	0.850	1347.951	0.05%	99.25%
77.0	7.710	0.832	1348.783	0.05%	99.31%
78.0	7.535	0.816	1349.599	0.05%	99.37%
79.0	7.381	0.801	1350.401	0.05%	99.43%
80.0	7.184	0.785	1351.186	0.05%	99.48%
81.0	7.008	0.767	1351.954	0.04%	99.54%
82.0	6.854	0.752	1352.705	0.04%	99.60%
83.0	6.679	0.736	1353.441	0.04%	99.65%
84.0	6.511	0.719	1354.16	0.04%	99.70%
85.0	6.364	0.703	1354.862	0.04%	99.75%
86.0	6.211	0.687	1355.55	0.04%	99.81%
87.0	6.123	0.675	1356.225	0.04%	99.85%
88.0	6.035	0.666	1356.891	0.04%	99.90%
89.0	5.933	0.656	1357.547	0.04%	99.95%
90.0	5.911	0.649	1358.196	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1184.05	68.92%	87.18%
0-40	1291.08	75.15%	95.06%
0-60	1330.61	77.45%	97.97%
0-90	1357.55	79.02%	99.95%
0-120	1357.55	79.02%	99.95%
0-180	1358.20	79.06%	100.00%
60-90	26.93	1.57%	1.98%
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	1086.56	63.25%	80.00%

ZONAL LUMEN SUMMARY

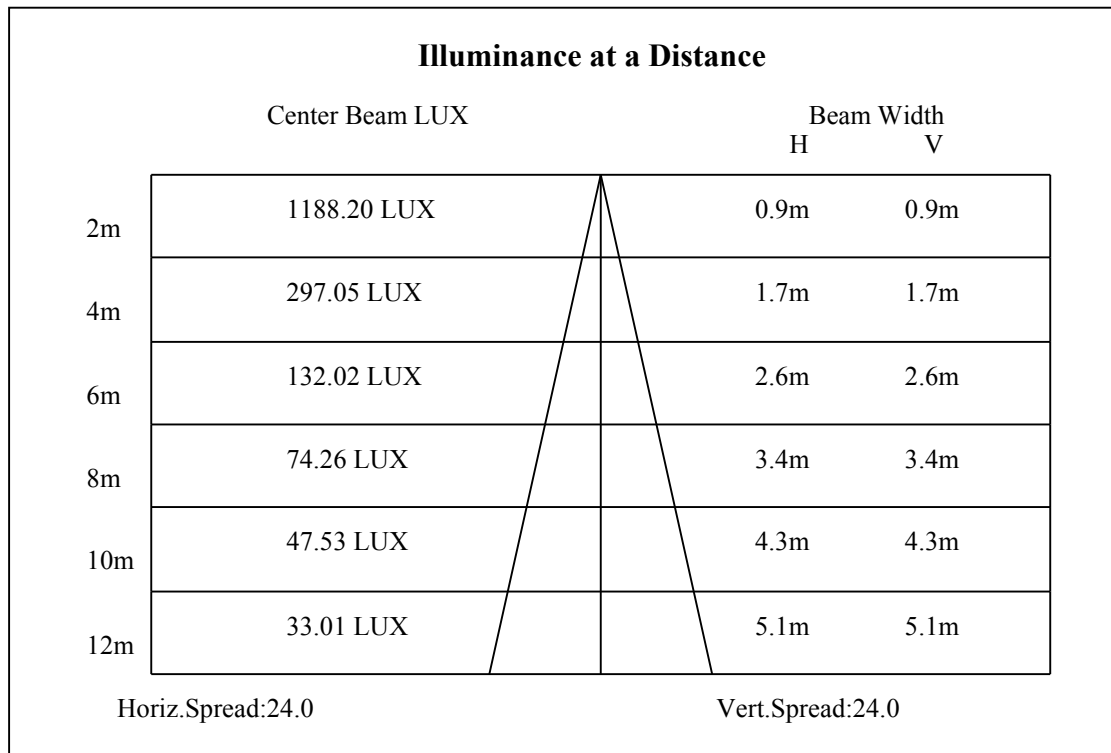
0-10	349.07
10-20	500.26
20-30	334.72
30-40	107.04
40-50	24.58
50-60	14.96
60-70	11.94
70-80	8.63
80-90	6.36
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

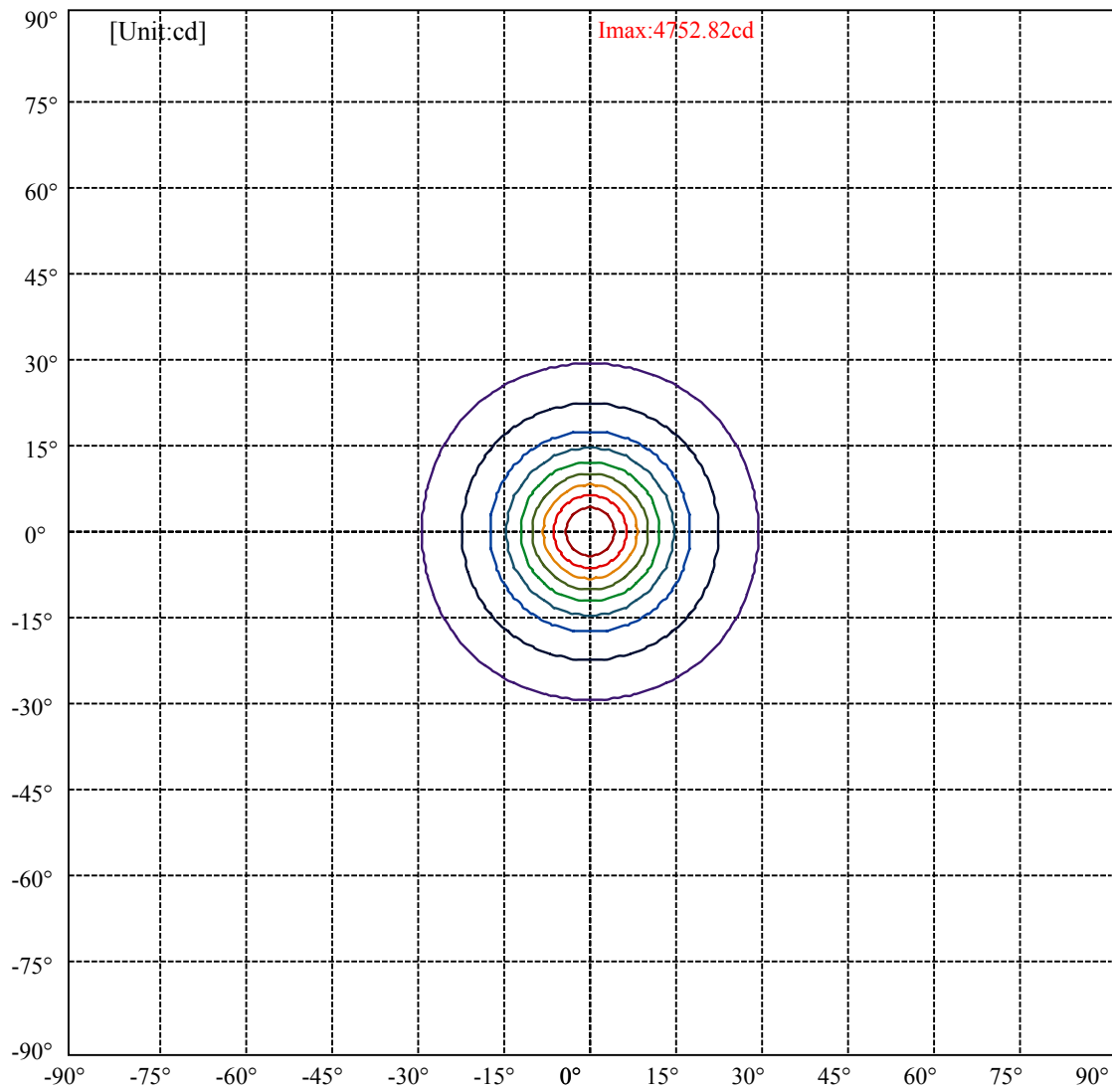


C0(Max): —————
C0/C180: —————
C90/C270: —————

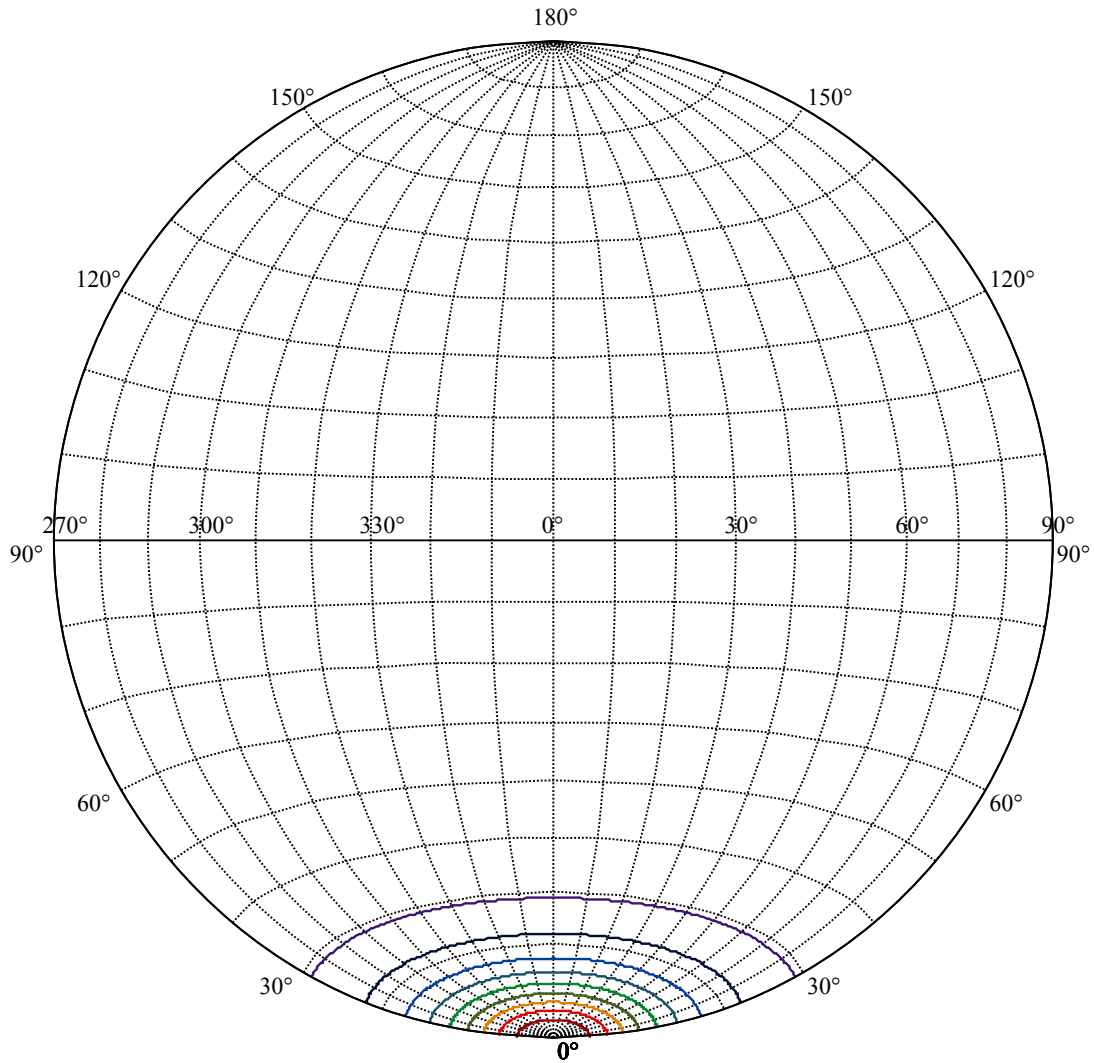
Field angle(10%Imax):C0/180Left:29.0 Right:29.0
:C90/270Left:29.0 Right:29.0

Beam Angle(50%Imax):C0/180Left:12.0 Right:12.0
:C90/270Left:12.0 Right:12.0





(10%Imax) 475.282	—
(20%Imax) 950.563	—
(30%Imax) 1425.85	—
(40%Imax) 1901.13	—
(50%Imax) 2376.41	—
(60%Imax) 2851.69	—
(70%Imax) 3326.97	—
(80%Imax) 3802.25	—
(90%Imax) 4277.54	—



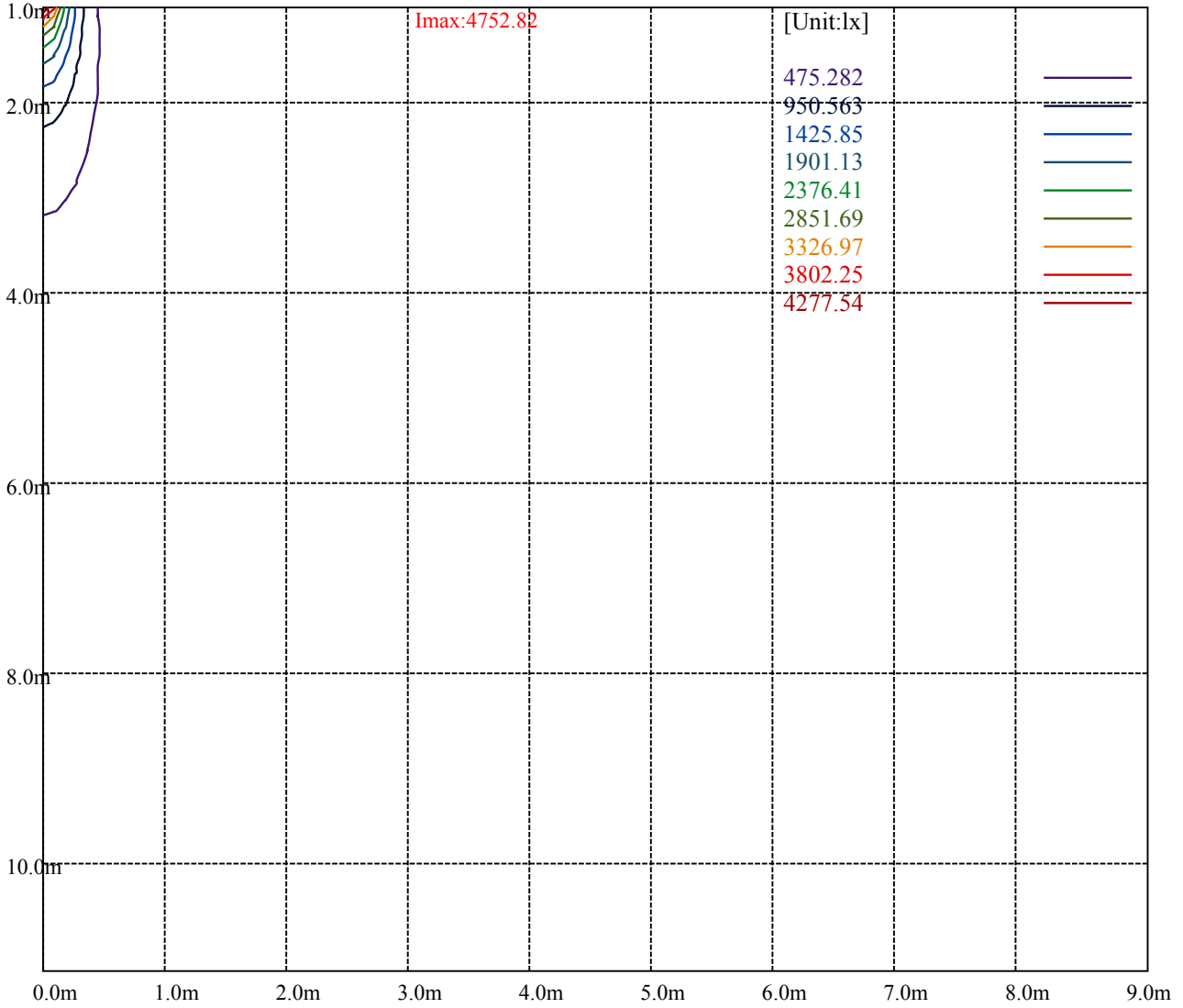
House

[Unit:cd]

Road

Imax:4752.82

(10%Imax)	475.282	—
(20%Imax)	950.563	—
(30%Imax)	1425.85	—
(40%Imax)	1901.13	—
(50%Imax)	2376.41	—
(60%Imax)	2851.69	—
(70%Imax)	3326.97	—
(80%Imax)	3802.25	—
(90%Imax)	4277.54	—



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

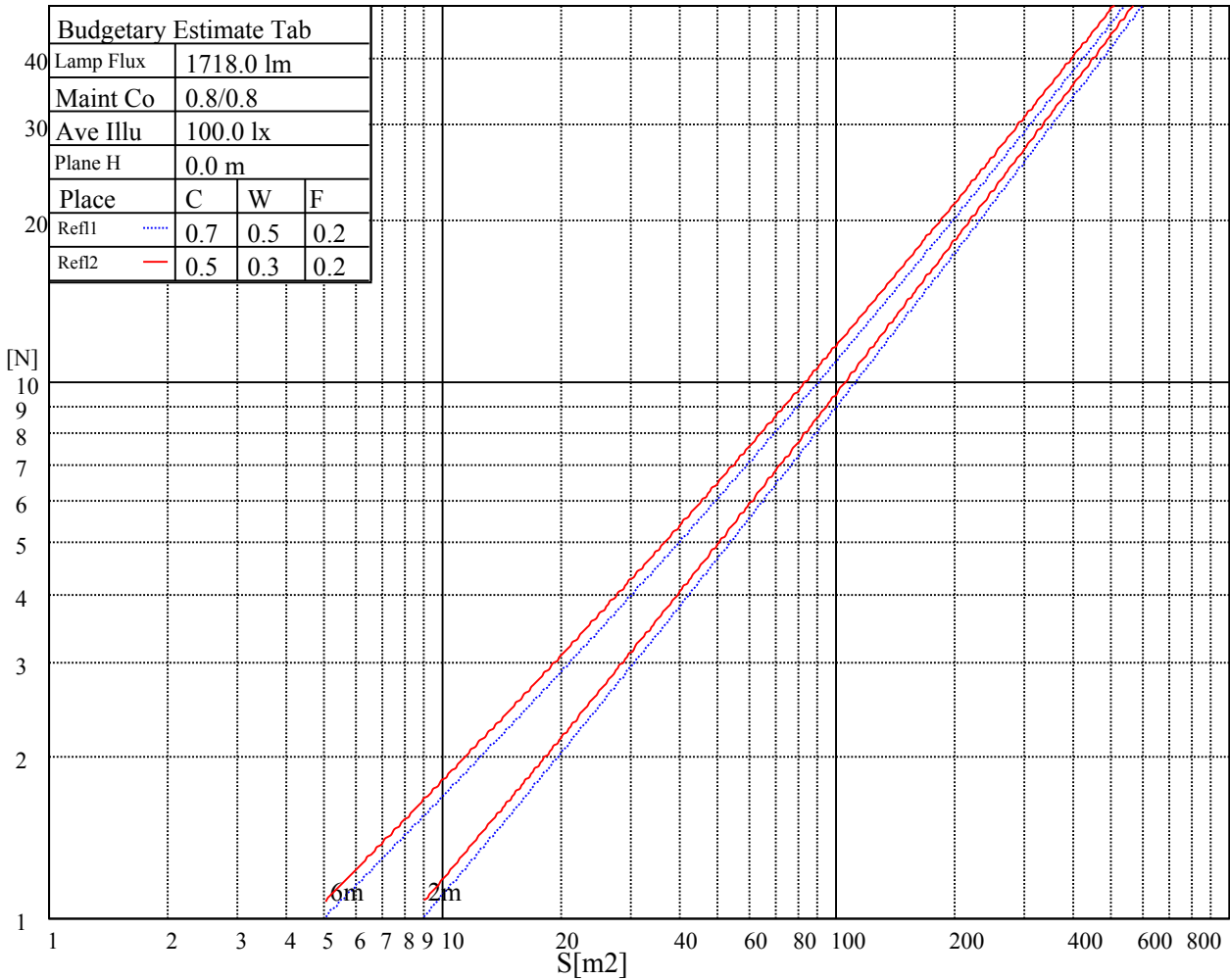
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

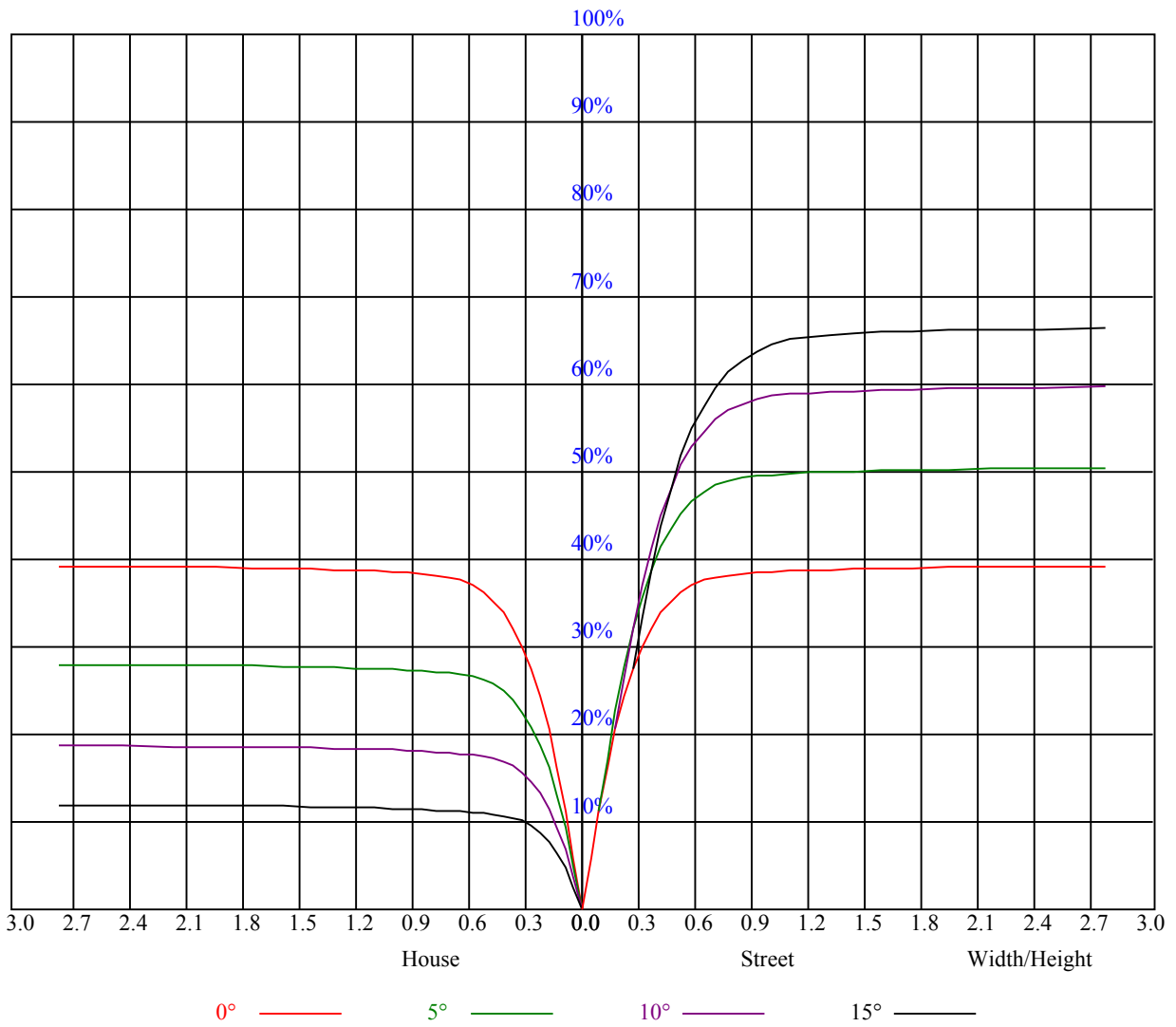


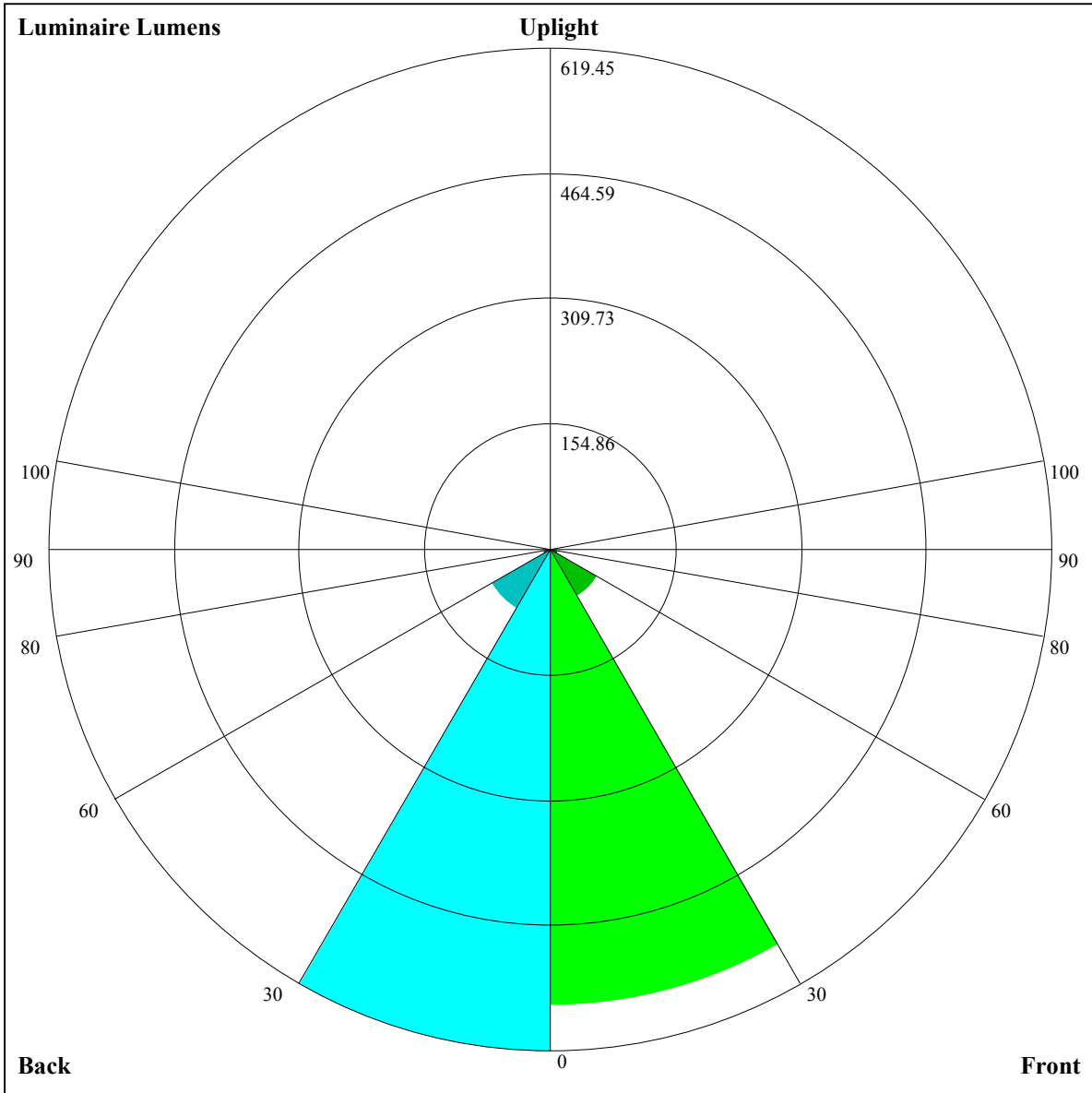
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	0.94	0.94	0.94	0.92	0.92	0.92	0.88	0.88	0.88	0.84	0.84	0.84	0.81	0.81	0.81	0.79
1	0.88	0.86	0.85	0.87	0.85	0.83	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76	0.75
2	0.83	0.80	0.78	0.82	0.79	0.77	0.79	0.77	0.75	0.77	0.75	0.74	0.75	0.74	0.72	0.71
3	0.79	0.75	0.73	0.78	0.75	0.72	0.76	0.73	0.71	0.74	0.72	0.70	0.72	0.70	0.69	0.68
4	0.75	0.71	0.68	0.74	0.71	0.68	0.72	0.69	0.67	0.71	0.68	0.66	0.69	0.67	0.66	0.65
5	0.71	0.68	0.65	0.71	0.67	0.64	0.69	0.66	0.64	0.68	0.65	0.63	0.67	0.65	0.63	0.62
6	0.68	0.64	0.62	0.68	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.61	0.65	0.62	0.60	0.59
7	0.65	0.62	0.59	0.65	0.61	0.59	0.64	0.61	0.58	0.63	0.60	0.58	0.62	0.60	0.58	0.57
8	0.63	0.59	0.56	0.62	0.59	0.56	0.62	0.58	0.56	0.61	0.58	0.56	0.60	0.58	0.56	0.55
9	0.60	0.57	0.54	0.60	0.56	0.54	0.59	0.56	0.54	0.59	0.56	0.54	0.58	0.56	0.54	0.53
10	0.58	0.55	0.52	0.58	0.54	0.52	0.57	0.54	0.52	0.57	0.54	0.52	0.56	0.54	0.52	0.51





Luminaire Lumens:

FL=563.06,FM=66.41,FH=10.09,FVH=3.48

BL=619.45,BM=83.56,BH=10.46,BVH=3.53

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	4733.36	4608.71	4458.89	4273.37	4007.68	3768.91	3527.79	3220.55	2981.78
45.0	4770.81	4759.69	4698.83	4585.88	4386.91	4188.51	3971.98	3677.03	3434.16
90.0	4774.91	4738.04	4648.50	4474.10	4296.20	4087.86	3802.27	3559.40	3310.09
135.0	4732.19	4787.78	4796.56	4729.26	4617.48	4461.81	4272.79	4001.83	3760.71
180.0	4733.36	4779.59	4776.66	4719.90	4581.20	4418.51	4222.46	4001.24	3702.78
225.0	4770.81	4714.05	4610.46	4465.91	4282.15	4015.29	3778.27	3526.04	3272.05
270.0	4774.91	4749.16	4674.25	4545.50	4338.92	4141.11	3919.31	3612.65	3364.52
315.0	4732.19	4628.60	4440.75	4249.38	4035.77	3734.96	3486.83	3171.98	2930.28
360.0	4733.36	4608.71	4458.89	4273.37	4007.68	3768.91	3527.79	3220.55	2981.78
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	2700.29	2487.85	2283.61	2096.33	1882.14	1728.81	1587.19	1457.85	1157.93
45.0	3129.26	2895.75	2675.71	2462.10	2215.72	2034.89	1866.93	1714.77	1538.03
90.0	3070.73	2782.80	2562.76	2356.17	2163.64	1946.52	1787.34	1639.27	1473.66
135.0	3512.58	3202.99	2967.73	2741.84	2475.56	2277.75	2088.73	1873.36	1721.21
180.0	3449.96	3195.39	2891.07	2664.00	2450.98	2206.36	2026.69	1862.24	1677.90
225.0	2964.81	2733.64	2515.36	2264.88	2078.78	1866.34	1710.09	1568.46	1440.88
270.0	3119.89	2879.95	2649.96	2381.92	2178.27	1995.09	1787.92	1639.86	1471.31
315.0	2697.95	2430.50	2228.01	2042.49	1872.78	1680.82	1541.54	1413.96	1163.54
360.0	2700.29	2487.85	2283.61	2096.33	1882.14	1728.81	1587.19	1457.85	1157.93
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1157.93	1111.58	1022.21	914.06	832.42	746.45	689.04	630.76	554.73
45.0	1414.55	1303.35	1179.29	1087.41	980.90	898.38	818.79	736.86	675.41
90.0	1278.19	1148.86	1126.38	1040.88	959.36	860.75	789.64	726.97	667.57
135.0	1579.58	1453.17	1311.55	1212.06	1121.35	1032.98	928.23	849.22	780.16
180.0	1546.81	1426.25	1317.40	1193.92	1099.11	1007.23	925.30	827.57	763.78
225.0	1167.29	1167.29	1097.65	1012.09	909.85	833.07	767.99	713.68	647.02
270.0	1350.76	1242.49	1145.93	1035.32	949.29	865.61	781.92	720.47	667.22
315.0	1163.54	1070.20	981.66	898.96	800.70	738.73	683.54	613.78	553.92
360.0	1157.93	1111.58	1022.21	914.06	832.42	746.45	689.04	630.76	554.73
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	493.52	432.83	374.84	304.90	249.83	199.15	153.50	108.97	84.92
45.0	613.37	550.76	489.31	415.57	358.22	302.03	302.03	183.23	141.21
90.0	591.55	530.27	470.11	411.00	339.31	284.19	231.16	170.59	130.56
135.0	707.01	647.90	570.65	509.20	449.51	389.82	317.25	303.21	303.21
180.0	710.52	640.29	581.19	503.94	441.32	379.28	325.44	297.35	297.35
225.0	588.62	513.07	452.85	393.68	320.53	265.11	213.67	157.78	120.38
270.0	612.79	540.22	481.70	423.18	346.51	301.45	301.45	168.43	130.10
315.0	479.42	421.30	362.61	304.38	236.43	187.56	144.55	110.02	81.81
360.0	493.52	432.83	374.84	304.90	249.83	199.15	153.50	108.97	84.92
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	71.16	61.51	54.89	49.10	43.25	39.27	35.76	32.07	29.50
45.0	99.66	78.65	64.84	57.70	51.38	46.00	40.32	36.52	33.18
90.0	96.27	80.41	69.88	59.63	53.02	47.29	42.43	38.33	34.00
135.0	163.34	117.92	93.40	77.89	68.53	58.82	52.20	44.89	40.38
180.0	153.74	117.05	85.62	71.87	62.85	55.19	47.23	41.79	37.34
225.0	93.99	77.19	64.55	56.53	49.51	43.77	38.04	34.35	30.55
270.0	102.00	78.65	68.30	60.28	53.08	44.95	40.26	36.05	32.42
315.0	69.58	61.80	53.14	47.23	42.08	36.87	33.42	30.49	27.33
360.0	71.16	61.51	54.89	49.10	43.25	39.27	35.76	32.07	29.50

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	27.27	25.34	23.29	21.95	20.72	19.72	18.67	17.97	17.26
45.0	30.37	27.33	25.28	23.53	21.95	20.31	19.20	18.26	17.38
90.0	31.08	28.56	25.81	24.05	22.47	20.83	19.66	18.79	17.79
135.0	36.52	32.48	29.73	27.33	24.81	23.06	21.59	20.37	19.02
180.0	32.89	29.96	26.98	24.99	23.23	21.42	20.19	19.14	18.26
225.0	27.97	25.87	23.70	22.18	20.83	19.72	18.49	17.79	17.09
270.0	28.91	26.39	24.40	22.24	20.78	19.25	18.26	17.44	16.74
315.0	25.16	23.35	21.77	20.07	18.96	18.02	17.26	16.50	16.04
360.0	27.27	25.34	23.29	21.95	20.72	19.72	18.67	17.97	17.26
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	16.80	16.39	15.98	15.68	15.33	14.98	14.51	13.99	13.52
45.0	16.80	16.21	15.86	15.57	15.27	14.92	14.63	14.34	13.87
90.0	17.21	16.74	16.15	15.86	15.57	15.22	14.81	14.34	13.87
135.0	18.20	17.56	16.97	16.39	15.98	15.63	15.27	14.98	14.57
180.0	17.38	16.74	16.33	15.98	15.57	15.27	14.98	14.75	14.46
225.0	16.62	16.09	15.74	15.51	15.16	14.86	14.57	14.10	13.64
270.0	16.04	15.63	15.33	15.04	14.75	14.51	14.28	13.99	13.46
315.0	15.57	15.27	15.04	14.75	14.51	14.22	13.81	13.34	12.87
360.0	16.80	16.39	15.98	15.68	15.33	14.98	14.51	13.99	13.52
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	12.82	12.23	11.65	11.06	10.48	10.01	9.60	9.19	8.95
45.0	13.23	12.76	12.17	11.65	10.94	10.42	9.83	9.42	9.07
90.0	13.40	12.70	12.11	11.41	10.89	10.36	9.77	9.42	9.07
135.0	14.10	13.58	13.11	12.41	11.82	11.24	10.65	10.07	9.66
180.0	13.87	13.40	12.87	12.29	11.59	11.00	10.48	10.07	9.54
225.0	13.17	12.47	11.88	11.29	10.77	10.18	9.71	9.31	9.01
270.0	13.05	12.41	11.82	11.29	10.59	10.12	9.71	9.19	8.90
315.0	12.35	11.65	11.12	10.53	10.07	9.54	9.19	8.90	8.60
360.0	12.82	12.23	11.65	11.06	10.48	10.01	9.60	9.19	8.95
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	8.60	8.43	8.19	8.02	7.78	7.61	7.43	7.26	7.08
45.0	8.72	8.49	8.31	8.13	7.84	7.67	7.55	7.43	7.20
90.0	8.72	8.54	8.31	8.13	7.90	7.72	7.55	7.43	7.20
135.0	9.31	9.01	8.72	8.49	8.25	8.08	7.90	7.72	7.55
180.0	9.19	8.90	8.60	8.37	8.13	7.96	7.72	7.61	7.37
225.0	8.66	8.43	8.25	8.02	7.84	7.61	7.43	7.26	7.08
270.0	8.66	8.43	8.13	7.96	7.78	7.61	7.43	7.26	7.08
315.0	8.43	8.13	8.02	7.78	7.67	7.43	7.26	7.08	6.91
360.0	8.60	8.43	8.19	8.02	7.78	7.61	7.43	7.26	7.08
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	6.91	6.79	6.55	6.44	6.26	6.14	6.09	5.91	5.91
45.0	7.08	6.91	6.73	6.55	6.44	6.26	6.14	6.03	5.97
90.0	7.02	6.91	6.67	6.50	6.32	6.20	6.09	5.97	5.91
135.0	7.37	7.08	6.96	6.79	6.55	6.38	6.26	6.14	6.03
180.0	7.20	7.02	6.85	6.67	6.50	6.32	6.20	6.14	6.03
225.0	6.91	6.79	6.61	6.44	6.32	6.20	6.03	6.14	5.85
270.0	6.91	6.79	6.61	6.44	6.32	6.14	6.09	6.09	5.85
315.0	6.67	6.55	6.44	6.26	6.20	6.03	6.09	5.85	5.91
360.0	6.91	6.79	6.55	6.44	6.26	6.14	6.09	5.91	5.91

Intensity data(cd)

<i>C/γ</i> (°)	90.0
0.0	6.09
45.0	5.85
90.0	5.79
135.0	5.97
180.0	5.91
225.0	5.91
270.0	5.85
315.0	5.91
360.0	6.09