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NT

Client:

LumCAT: 1-1495-L

Luminaire: 92.70.427.00

Report No: 2024923-B003

Ballast type: AC

Test No: 2024924-C003

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): 1326.67, Efficiency(%): 77.22% , Luminous Efficacy(lm/W): 101.80

Central intensity(cd): 2424.646, Maximum intensity(cd): 2424.646

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=43.8

[C90/270]Total=43.8

Field angle(10%Imax): [C0/180]Total=68.2

[C90/270]Total=68.2

Maximum s/h(1/2): C0_180=0.70 C90_270=0.70

Maximum s/h(1/4): C0_180=0.69 C90_270=0.69

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 77.22%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.886%

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	2424.646	0.000	0	0.00%	0.00%
1.0	2421.720	2.319	2.319	0.13%	0.17%
2.0	2414.185	6.941	9.26	0.40%	0.70%
3.0	2401.529	11.518	20.777	0.67%	1.57%
4.0	2383.607	16.017	36.795	0.93%	2.77%
5.0	2358.881	20.402	57.197	1.19%	4.31%
6.0	2328.449	24.633	81.83	1.43%	6.17%
7.0	2291.068	28.673	110.503	1.67%	8.33%
8.0	2249.151	32.493	142.997	1.89%	10.78%
9.0	2200.358	36.061	179.058	2.10%	13.50%
10.0	2148.639	39.357	218.414	2.29%	16.46%
11.0	2088.727	42.340	260.754	2.46%	19.65%
12.0	2028.960	45.012	305.767	2.62%	23.05%
13.0	1960.197	47.341	353.108	2.76%	26.62%
14.0	1888.068	49.257	402.365	2.87%	30.33%
15.0	1816.743	50.861	453.227	2.96%	34.16%
16.0	1738.177	52.090	505.316	3.03%	38.09%
17.0	1652.514	52.802	558.118	3.07%	42.07%
18.0	1570.290	53.137	611.255	3.09%	46.07%
19.0	1487.774	53.204	664.459	3.10%	50.08%
20.0	1367.320	52.256	716.716	3.04%	54.02%
21.0	1262.557	50.499	767.214	2.94%	57.83%
22.0	1208.212	49.651	816.866	2.89%	61.57%
23.0	1124.554	48.948	865.813	2.85%	65.26%
24.0	1026.799	47.036	912.85	2.74%	68.81%
25.0	938.994	44.698	957.547	2.60%	72.18%
26.0	845.160	42.115	999.663	2.45%	75.35%
27.0	752.395	39.085	1038.747	2.28%	78.30%
28.0	664.918	35.883	1074.63	2.09%	81.00%
29.0	575.364	32.449	1107.08	1.89%	83.45%
30.0	489.702	28.757	1135.836	1.67%	85.62%
31.0	408.209	24.988	1160.824	1.45%	87.50%
32.0	341.150	21.468	1182.292	1.25%	89.12%
33.0	281.720	18.350	1200.642	1.07%	90.50%
34.0	245.897	15.967	1216.609	0.93%	91.70%
35.0	200.352	13.859	1230.468	0.81%	92.75%
36.0	134.112	10.649	1241.118	0.62%	93.55%
37.0	102.992	7.733	1248.851	0.45%	94.13%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	77.893	6.038	1254.888	0.35%	94.59%
39.0	60.520	4.724	1259.613	0.27%	94.95%
40.0	48.025	3.786	1263.398	0.22%	95.23%
41.0	39.320	3.110	1266.509	0.18%	95.47%
42.0	33.819	2.657	1269.166	0.15%	95.67%
43.0	30.051	2.366	1271.532	0.14%	95.84%
44.0	27.103	2.157	1273.689	0.13%	96.01%
45.0	25.121	2.007	1275.696	0.12%	96.16%
46.0	23.438	1.899	1277.595	0.11%	96.30%
47.0	22.034	1.809	1279.404	0.11%	96.44%
48.0	20.973	1.739	1281.142	0.10%	96.57%
49.0	20.000	1.683	1282.825	0.10%	96.69%
50.0	19.064	1.629	1284.453	0.09%	96.82%
51.0	18.281	1.580	1286.033	0.09%	96.94%
52.0	17.586	1.539	1287.573	0.09%	97.05%
53.0	16.957	1.503	1289.075	0.09%	97.17%
54.0	16.320	1.467	1290.542	0.09%	97.28%
55.0	15.721	1.430	1291.972	0.08%	97.38%
56.0	15.172	1.396	1293.368	0.08%	97.49%
57.0	14.645	1.363	1294.731	0.08%	97.59%
58.0	14.133	1.331	1296.062	0.08%	97.69%
59.0	13.636	1.298	1297.36	0.08%	97.79%
60.0	13.131	1.265	1298.625	0.07%	97.89%
61.0	12.670	1.231	1299.856	0.07%	97.98%
62.0	12.224	1.200	1301.056	0.07%	98.07%
63.0	11.741	1.166	1302.221	0.07%	98.16%
64.0	11.295	1.130	1303.352	0.07%	98.24%
65.0	10.863	1.097	1304.448	0.06%	98.32%
66.0	10.483	1.065	1305.513	0.06%	98.41%
67.0	10.088	1.034	1306.548	0.06%	98.48%
68.0	9.817	1.008	1307.556	0.06%	98.56%
69.0	9.605	0.991	1308.547	0.06%	98.63%
70.0	9.466	0.979	1309.526	0.06%	98.71%
71.0	9.393	0.975	1310.501	0.06%	98.78%
72.0	9.334	0.974	1311.475	0.06%	98.85%
73.0	9.298	0.974	1312.449	0.06%	98.93%
74.0	9.290	0.977	1313.426	0.06%	99.00%
75.0	9.290	0.982	1314.408	0.06%	99.08%

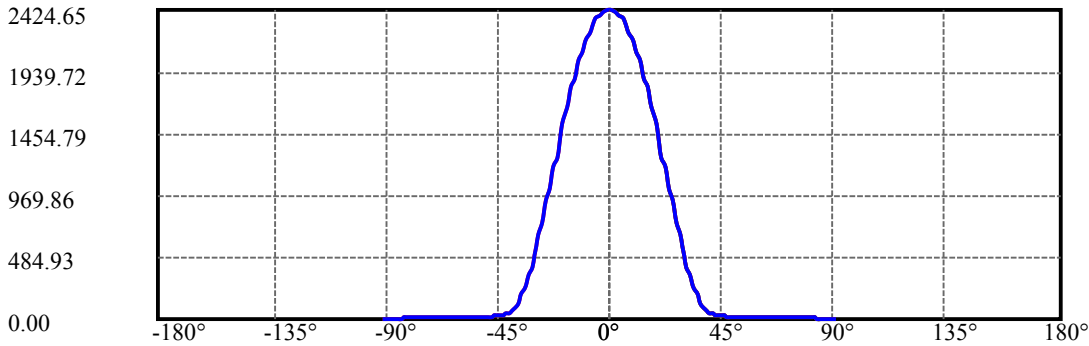
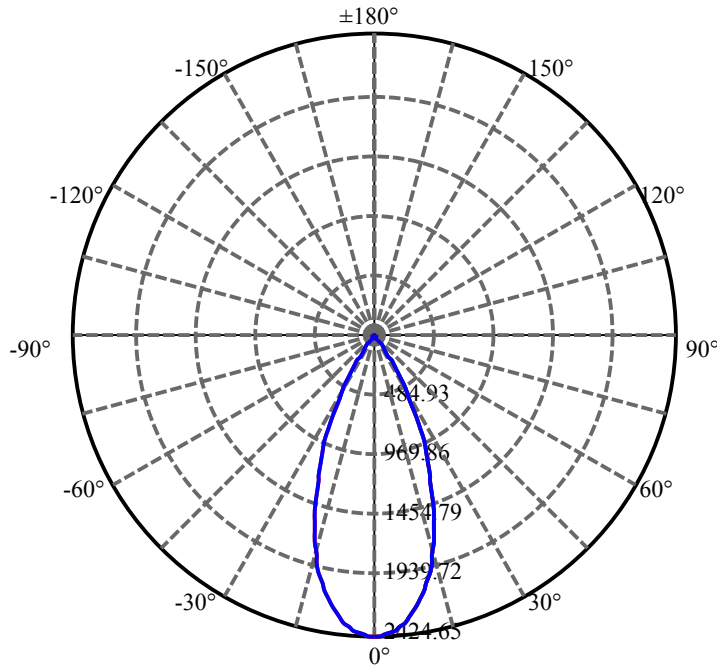
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	9.254	0.984	1315.392	0.06%	99.15%
77.0	9.181	0.983	1316.375	0.06%	99.22%
78.0	9.086	0.978	1317.353	0.06%	99.30%
79.0	8.903	0.967	1318.32	0.06%	99.37%
80.0	8.691	0.948	1319.268	0.06%	99.44%
81.0	8.457	0.927	1320.195	0.05%	99.51%
82.0	8.010	0.893	1321.088	0.05%	99.58%
83.0	7.425	0.839	1321.927	0.05%	99.64%
84.0	6.847	0.778	1322.705	0.05%	99.70%
85.0	6.342	0.720	1323.425	0.04%	99.76%
86.0	6.050	0.677	1324.102	0.04%	99.81%
87.0	5.925	0.655	1324.758	0.04%	99.86%
88.0	5.838	0.644	1325.402	0.04%	99.90%
89.0	5.779	0.637	1326.039	0.04%	99.95%
90.0	5.764	0.633	1326.672	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1135.84	66.11%	85.62%
0-40	1263.40	73.54%	95.23%
0-60	1298.62	75.59%	97.89%
0-90	1326.04	77.19%	99.95%
0-120	1326.04	77.19%	99.95%
0-180	1326.67	77.22%	100.00%
60-90	27.41	1.60%	2.07%
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%
0-27.63	1061.34	61.78%	80.00%

ZONAL LUMEN SUMMARY

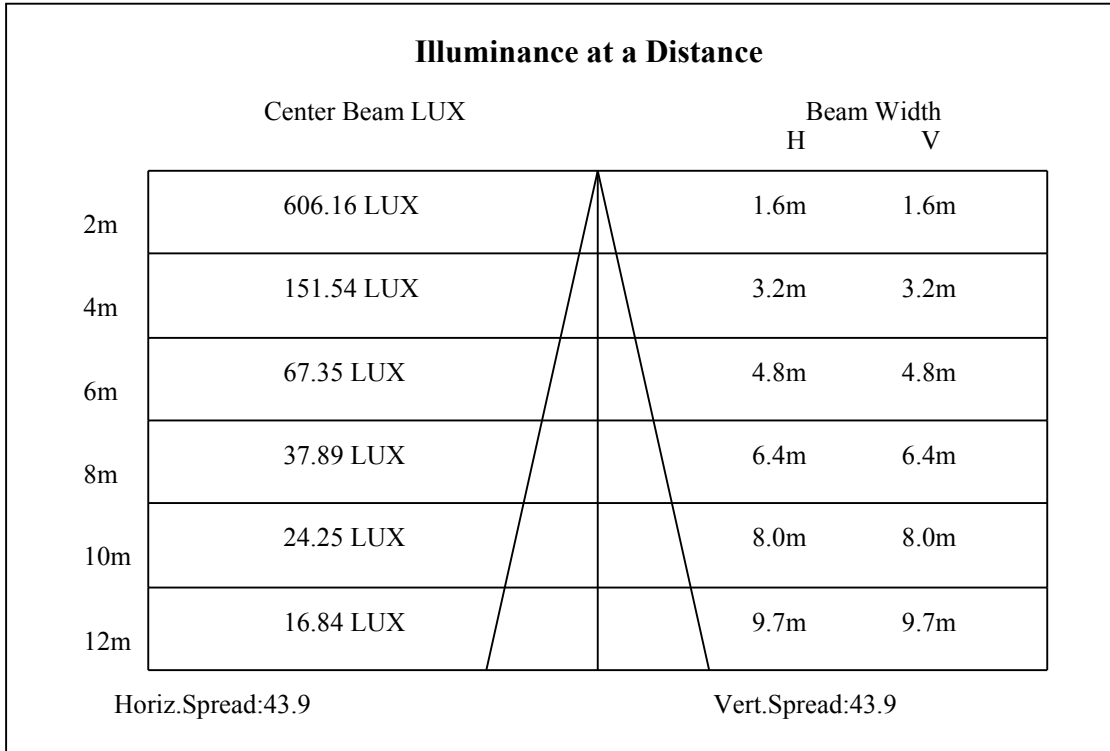
0-10	218.41
10-20	498.30
20-30	419.12
30-40	127.56
40-50	21.06
50-60	14.17
60-70	10.90
70-80	9.74
80-90	6.77
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

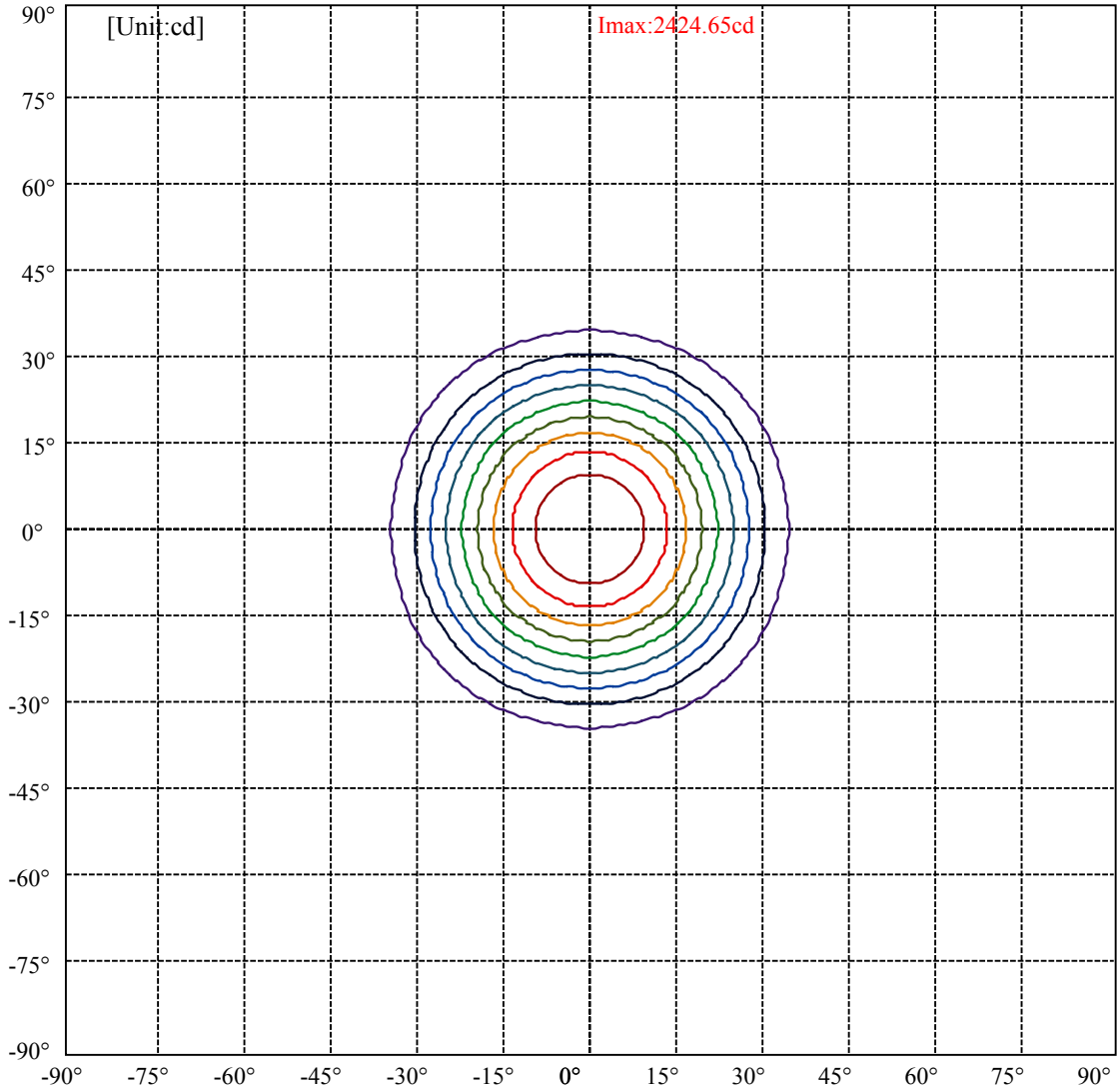


C0(Max): —————
C0/C180: —————
C90/C270: —————

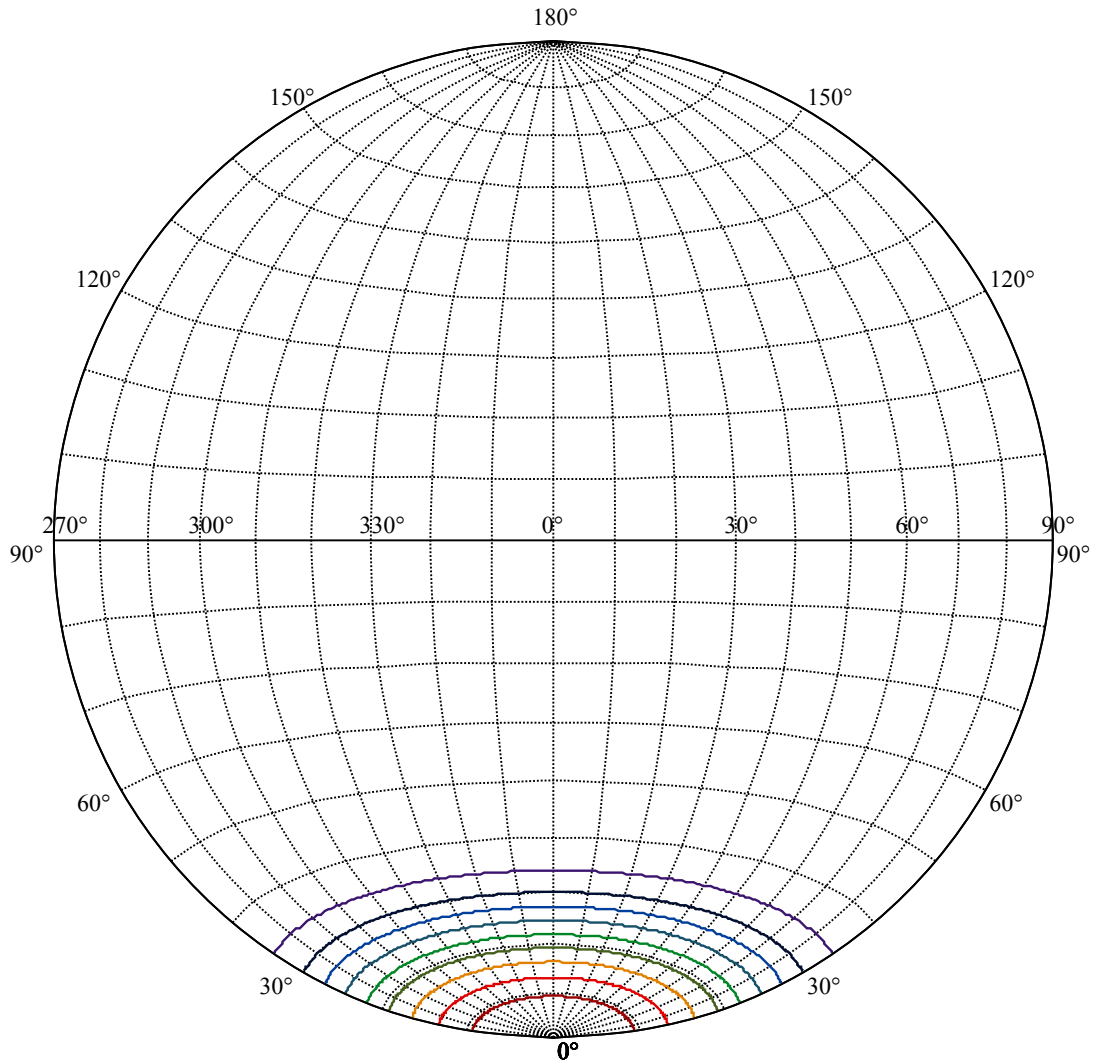
Field angle(10%Imax):C0/180Left:34.1 Right:34.1
:C90/270Left:34.1 Right:34.1

Beam Angle(50%Imax):C0/180Left:21.9 Right:21.9
:C90/270Left:21.9 Right:21.9





(10%Imax) 242.465	—
(20%Imax) 484.929	—
(30%Imax) 727.394	—
(40%Imax) 969.858	—
(50%Imax) 1212.32	—
(60%Imax) 1454.79	—
(70%Imax) 1697.25	—
(80%Imax) 1939.72	—
(90%Imax) 2182.18	—



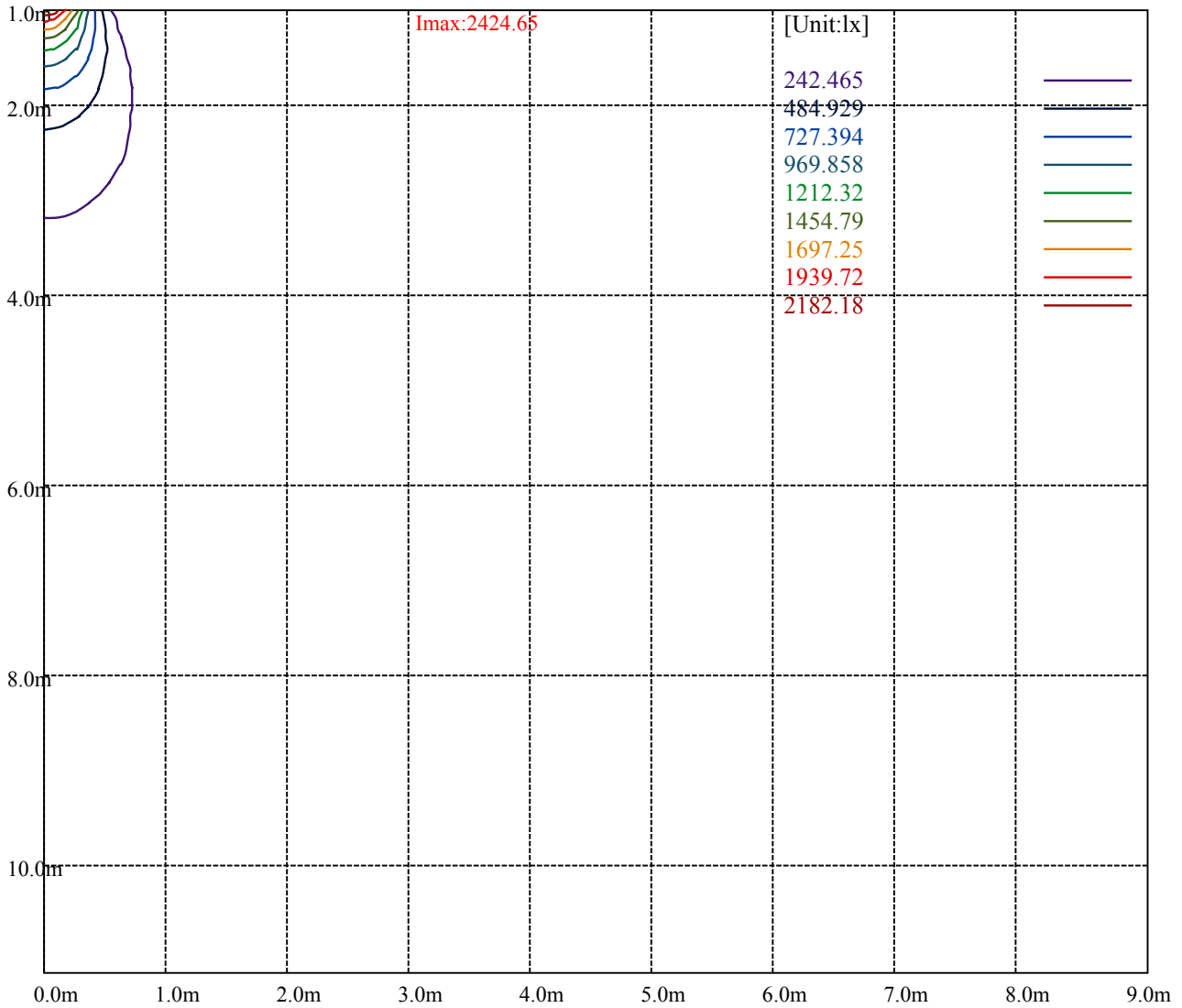
House

[Unit:cd]

Road

Imax:2424.65

(10%Imax)	242.465	—
(20%Imax)	484.929	—
(30%Imax)	727.394	—
(40%Imax)	969.858	—
(50%Imax)	1212.32	—
(60%Imax)	1454.79	—
(70%Imax)	1697.25	—
(80%Imax)	1939.72	—
(90%Imax)	2182.18	—



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

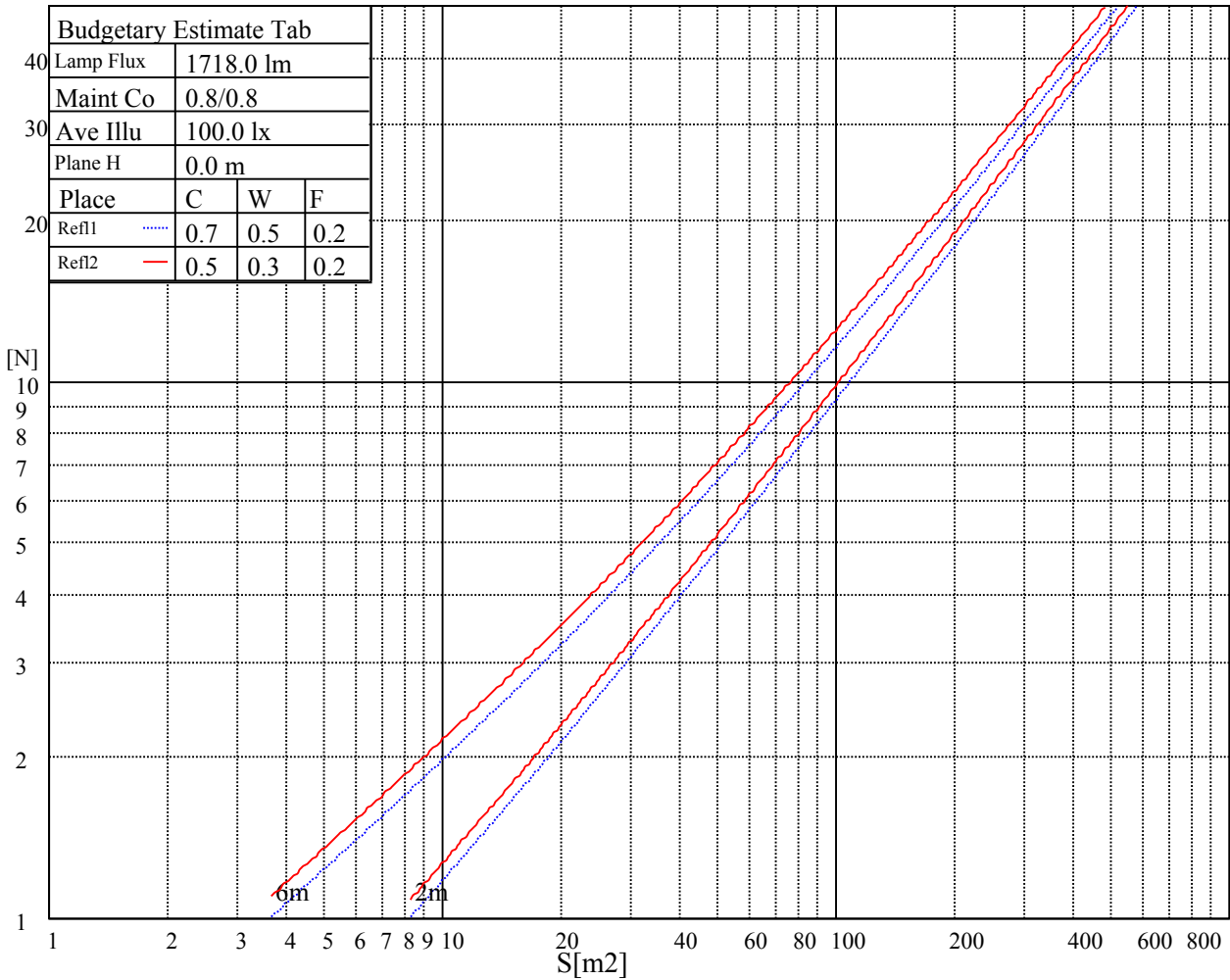
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

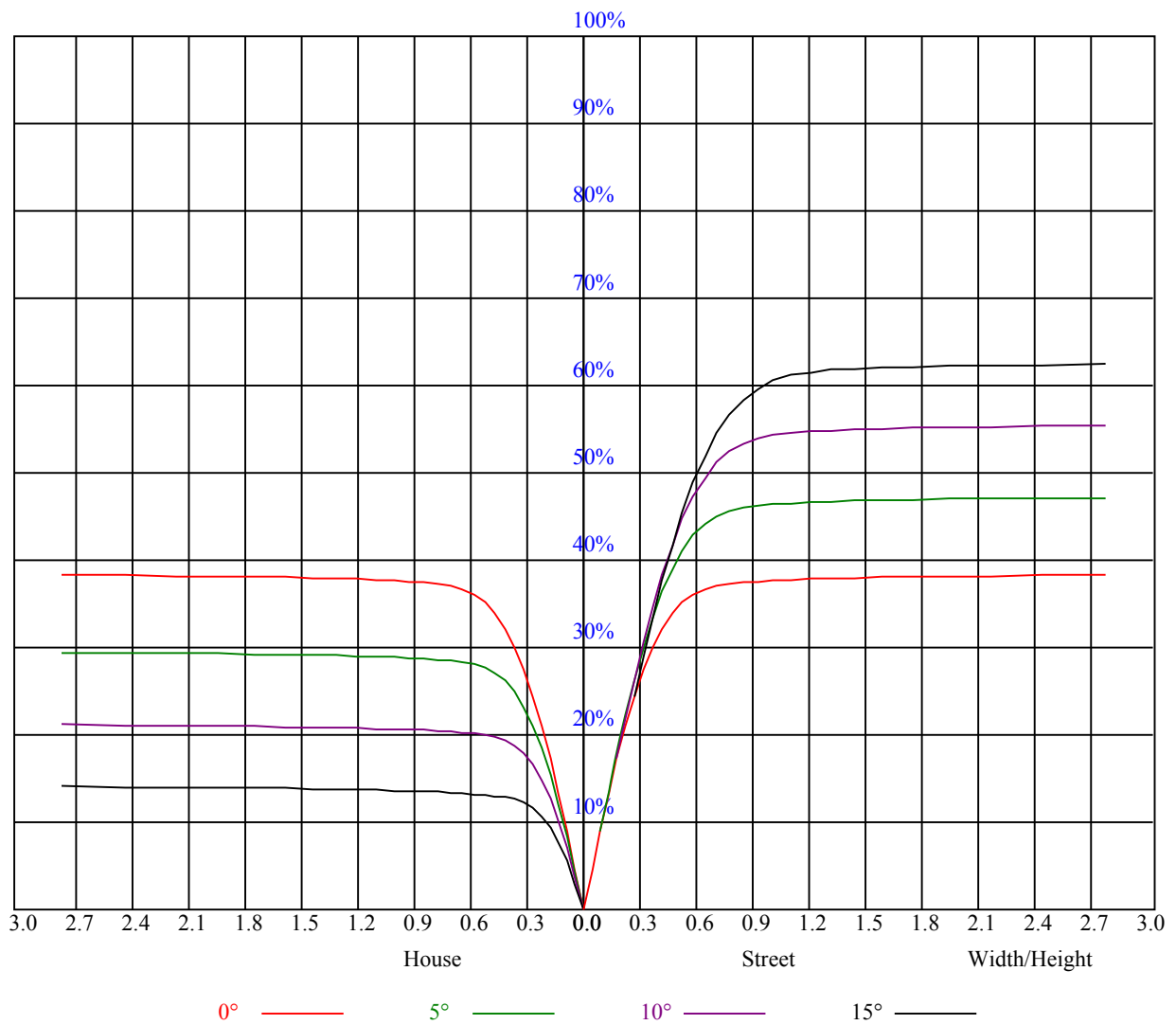


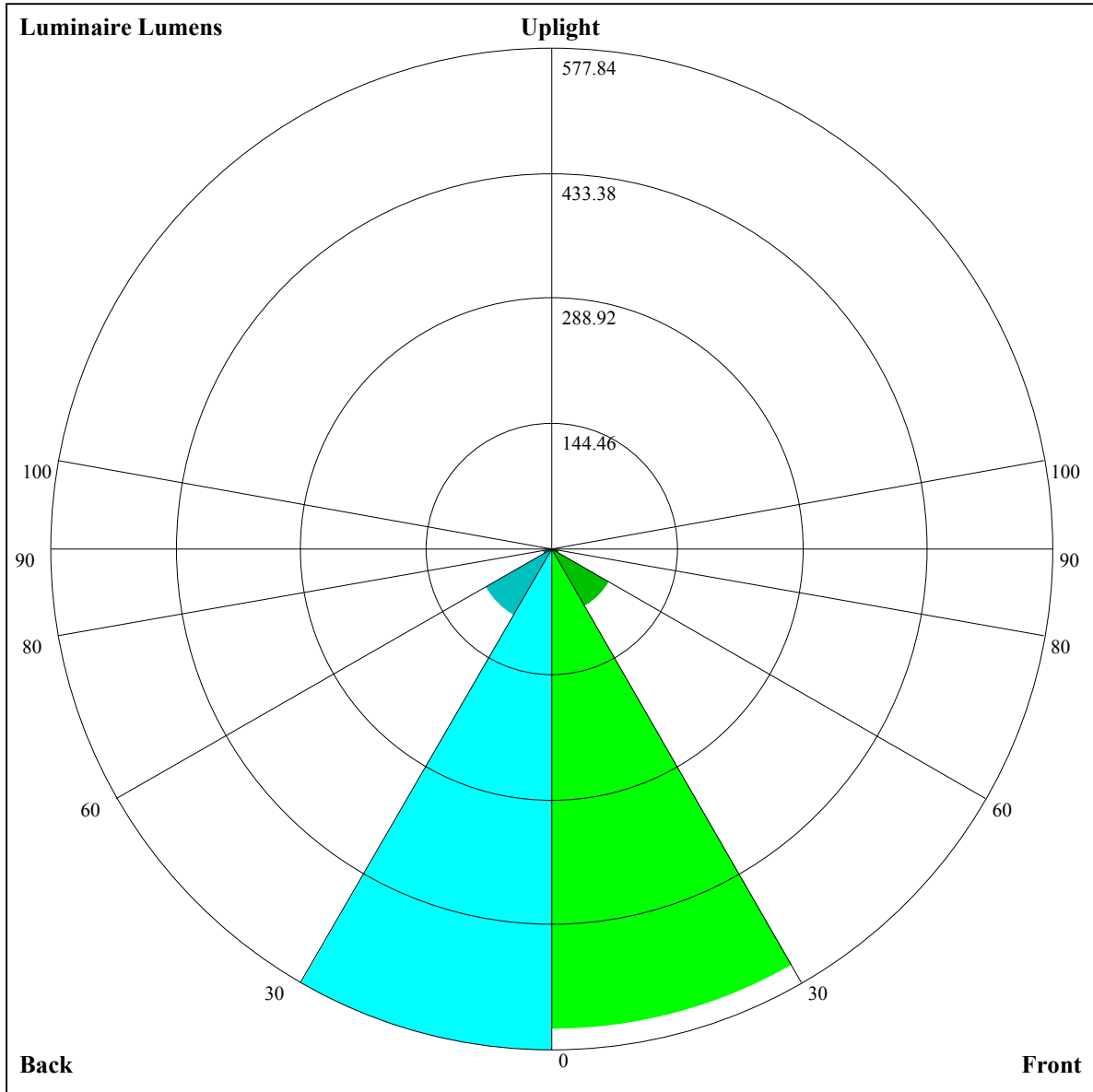
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	
	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	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	
8H	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	0.92	0.92	0.92	0.90	0.90	0.90	0.86	0.86	0.86	0.82	0.82	0.82	0.79	0.79	0.79	0.77
1	0.86	0.84	0.82	0.84	0.82	0.81	0.81	0.80	0.78	0.78	0.77	0.76	0.75	0.75	0.74	0.73
2	0.80	0.78	0.75	0.79	0.77	0.74	0.77	0.75	0.73	0.74	0.73	0.71	0.72	0.71	0.70	0.68
3	0.76	0.72	0.69	0.75	0.72	0.69	0.73	0.70	0.68	0.71	0.69	0.67	0.69	0.67	0.66	0.65
4	0.72	0.68	0.65	0.71	0.67	0.64	0.69	0.66	0.64	0.68	0.65	0.63	0.66	0.64	0.62	0.61
5	0.68	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.60	0.65	0.62	0.60	0.63	0.61	0.59	0.58
6	0.65	0.60	0.57	0.64	0.60	0.57	0.63	0.59	0.57	0.62	0.59	0.56	0.61	0.58	0.56	0.55
7	0.61	0.57	0.54	0.61	0.57	0.54	0.60	0.57	0.54	0.59	0.56	0.54	0.58	0.56	0.53	0.52
8	0.59	0.54	0.52	0.58	0.54	0.52	0.57	0.54	0.51	0.57	0.53	0.51	0.56	0.53	0.51	0.50
9	0.56	0.52	0.49	0.56	0.52	0.49	0.55	0.51	0.49	0.54	0.51	0.49	0.54	0.51	0.49	0.48
10	0.54	0.50	0.47	0.53	0.49	0.47	0.53	0.49	0.47	0.52	0.49	0.47	0.52	0.49	0.47	0.46





Luminaire Lumens:

FL=555.32,FM=76.89,FH=10.18,FVH=3.66

BL=577.84,BM=89.02,BH=10.46,BVH=3.75

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	2422.89	2418.79	2410.60	2396.55	2373.15	2346.23	2305.85	2266.63	2224.50
45.0	2425.23	2427.57	2424.65	2411.77	2398.31	2377.83	2343.30	2309.94	2270.15
90.0	2425.23	2419.96	2405.33	2390.12	2369.63	2341.54	2308.77	2260.78	2214.55
135.0	2425.23	2426.40	2422.30	2415.28	2399.48	2379.00	2353.83	2325.74	2283.02
180.0	2422.89	2421.72	2417.04	2407.67	2393.63	2370.22	2347.40	2318.72	2275.41
225.0	2425.23	2415.87	2405.33	2391.29	2370.80	2339.20	2306.43	2270.73	2229.77
270.0	2425.23	2424.06	2417.62	2407.67	2391.29	2370.80	2346.23	2309.94	2275.41
315.0	2425.23	2419.38	2410.60	2391.87	2372.56	2346.23	2315.79	2266.05	2220.40
360.0	2422.89	2418.79	2410.60	2396.55	2373.15	2346.23	2305.85	2266.63	2224.50
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	2160.71	2106.28	2047.76	1984.56	1899.11	1829.47	1754.56	1675.56	1573.14
45.0	2215.14	2167.73	2113.89	2042.49	1977.53	1911.40	1840.01	1745.78	1666.78
90.0	2164.22	2113.31	2043.08	1979.87	1913.74	1826.55	1753.98	1659.17	1582.51
135.0	2241.47	2181.19	2130.28	2077.02	2002.11	1938.32	1871.02	1799.63	1706.57
180.0	2237.96	2196.99	2136.71	2082.87	2009.14	1947.69	1882.73	1813.67	1725.89
225.0	2171.83	2122.67	2060.64	2005.04	1945.93	1865.76	1799.04	1727.64	1653.90
270.0	2236.79	2191.73	2128.52	2073.51	2014.99	1952.95	1869.85	1800.21	1726.47
315.0	2174.75	2109.21	2048.93	1986.31	1919.01	1832.40	1762.76	1683.75	1584.85
360.0	2160.71	2106.28	2047.76	1984.56	1899.11	1829.47	1754.56	1675.56	1573.14
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1491.80	1411.62	1266.49	1151.78	1130.13	1042.87	934.25	848.81	741.13
45.0	1589.53	1507.60	1402.84	1319.74	1211.47	1126.03	1038.25	930.57	844.54
90.0	1503.50	1403.43	1164.89	1164.89	1143.30	1034.39	948.94	865.61	782.62
135.0	1631.08	1552.66	1474.83	1373.58	1288.14	1202.11	1096.77	1010.74	924.71
180.0	1649.22	1574.31	1496.48	1395.23	1307.45	1220.25	1116.67	1032.98	944.61
225.0	1561.44	1480.09	1398.16	1162.43	1162.43	1120.47	1038.36	953.27	846.76
270.0	1632.25	1552.08	1454.34	1371.24	1282.87	1193.92	1092.09	1005.48	917.11
315.0	1503.50	1420.40	1280.53	1161.55	1139.90	1056.39	949.06	864.49	759.80
360.0	1491.80	1411.62	1266.49	1151.78	1130.13	1042.87	934.25	848.81	741.13
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	657.21	573.29	495.63	402.52	335.10	276.40	224.61	169.19	132.85
45.0	757.34	672.48	571.82	495.16	422.01	354.70	307.89	307.89	179.66
90.0	677.22	593.42	515.23	441.14	354.88	293.84	227.54	181.24	141.80
135.0	814.69	729.25	623.91	544.90	467.65	395.09	328.37	298.52	298.52
180.0	841.03	755.00	671.31	568.31	484.62	407.96	341.24	309.06	309.06
225.0	762.08	676.46	570.30	489.66	394.21	326.91	268.03	216.24	161.46
270.0	832.83	726.91	643.22	559.53	458.29	385.72	320.18	305.55	237.48
315.0	676.75	592.54	511.49	416.39	348.91	288.57	235.90	179.49	141.98
360.0	657.21	573.29	495.63	402.52	335.10	276.40	224.61	169.19	132.85
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	104.29	81.93	60.63	48.87	39.39	34.41	30.84	27.56	25.52
45.0	140.81	102.41	79.53	59.11	47.70	39.62	33.12	29.73	27.21
90.0	102.18	79.06	62.33	50.15	39.97	34.53	30.84	28.15	25.63
135.0	161.58	125.88	91.18	70.75	56.24	43.83	37.28	32.71	28.85
180.0	170.53	133.55	97.85	76.55	60.28	46.17	38.68	33.30	28.91
225.0	126.41	98.90	77.48	57.35	46.00	38.22	32.07	28.91	26.51
270.0	155.55	114.88	89.66	69.88	52.26	42.66	36.46	32.19	28.44
315.0	111.54	87.32	64.49	51.50	42.37	35.11	31.25	27.86	25.75
360.0	104.29	81.93	60.63	48.87	39.39	34.41	30.84	27.56	25.52

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	23.94	22.24	21.19	20.19	19.31	18.38	17.73	17.15	16.56
45.0	25.28	23.29	22.06	20.95	19.96	18.90	18.20	17.56	16.80
90.0	23.99	22.71	21.30	20.37	19.49	18.55	17.91	17.15	16.56
135.0	26.63	24.46	23.06	21.89	20.89	19.84	19.02	18.26	17.50
180.0	26.51	24.70	22.88	21.71	20.72	19.66	18.90	18.14	17.56
225.0	24.29	22.88	21.42	20.48	19.61	18.84	17.97	17.32	16.74
270.0	26.28	24.58	23.12	21.95	20.66	19.72	18.79	18.02	17.44
315.0	24.05	22.65	21.24	20.25	19.37	18.61	17.73	17.09	16.50
360.0	23.94	22.24	21.19	20.19	19.31	18.38	17.73	17.15	16.56
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	15.80	15.33	14.81	14.22	13.75	13.17	12.70	12.23	11.82
45.0	16.21	15.63	14.98	14.51	13.93	13.46	12.99	12.58	12.06
90.0	15.98	15.45	14.81	14.34	13.87	13.40	12.87	12.41	12.00
135.0	16.91	16.33	15.80	15.27	14.69	14.22	13.64	13.17	12.76
180.0	16.91	16.15	15.63	15.16	14.57	14.10	13.52	13.11	12.64
225.0	16.15	15.51	15.04	14.57	14.10	13.58	13.11	12.58	12.17
270.0	16.68	16.09	15.57	14.92	14.46	13.99	13.52	13.05	12.52
315.0	15.92	15.27	14.75	14.16	13.69	13.17	12.70	12.23	11.82
360.0	15.80	15.33	14.81	14.22	13.75	13.17	12.70	12.23	11.82
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	11.29	10.89	10.53	10.12	9.77	9.60	9.42	9.36	9.31
45.0	11.59	11.24	10.77	10.42	9.95	9.71	9.48	9.31	9.19
90.0	11.53	11.00	10.59	10.18	9.89	9.60	9.42	9.31	9.31
135.0	12.23	11.82	11.41	11.00	10.53	10.24	10.01	9.83	9.71
180.0	12.11	11.70	11.29	10.89	10.42	10.12	9.83	9.71	9.60
225.0	11.76	11.18	10.77	10.42	10.07	9.77	9.60	9.48	9.36
270.0	12.11	11.70	11.12	10.77	10.36	9.95	9.71	9.48	9.42
315.0	11.29	10.83	10.42	10.07	9.71	9.54	9.36	9.25	9.25
360.0	11.29	10.89	10.53	10.12	9.77	9.60	9.42	9.36	9.31
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	9.31	9.25	9.19	9.25	9.13	9.01	8.90	8.66	8.49
45.0	9.13	9.07	9.07	9.07	9.01	8.95	8.90	8.72	8.54
90.0	9.25	9.25	9.25	9.19	9.13	9.01	8.90	8.72	8.49
135.0	9.66	9.60	9.66	9.66	9.71	9.66	9.60	9.36	9.13
180.0	9.48	9.42	9.42	9.42	9.42	9.36	9.31	9.19	9.01
225.0	9.31	9.31	9.31	9.31	9.25	9.19	9.07	8.90	8.66
270.0	9.36	9.31	9.31	9.31	9.31	9.31	9.19	9.07	8.90
315.0	9.19	9.19	9.13	9.13	9.07	8.95	8.84	8.60	8.31
360.0	9.31	9.25	9.19	9.25	9.13	9.01	8.90	8.66	8.49
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	8.19	7.67	7.08	6.61	6.20	6.03	5.91	5.85	5.79
45.0	8.37	7.96	7.43	6.85	6.38	6.03	5.91	5.79	5.74
90.0	8.19	7.61	7.02	6.50	6.09	5.91	5.85	5.79	5.74
135.0	8.90	8.37	7.78	7.20	6.50	6.14	5.97	5.85	5.79
180.0	8.84	8.49	7.90	7.26	6.61	6.20	6.03	5.91	5.85
225.0	8.43	8.08	7.37	6.67	6.26	6.03	5.91	5.85	5.79
270.0	8.66	8.43	7.84	7.20	6.55	6.14	5.97	5.85	5.79
315.0	8.08	7.49	6.96	6.50	6.14	5.91	5.85	5.79	5.74
360.0	8.19	7.67	7.08	6.61	6.20	6.03	5.91	5.85	5.79

Intensity data(cd)

<i>C/γ</i> (°)	90.0
0.0	5.85
45.0	5.74
90.0	5.74
135.0	5.74
180.0	5.79
225.0	5.79
270.0	5.74
315.0	5.74
360.0	5.85