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NT

Client:

LumCAT: 1-1493-L

Luminaire: 92.70.427.00

Report No: 2024923-B005

Ballast type: AC

Test No: 2024924-C005

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): 1362.64, Efficiency(%): 79.32% , Luminous Efficacy(lm/W): 104.56

Central intensity(cd): 4830.506, Maximum intensity(cd): 4830.506

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=23.8

[C90/270]Total=23.8

Field angle(10%Imax): [C0/180]Total=57.8

[C90/270]Total=57.8

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(%): 79.32%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.171%

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	4830.506	0.000	0	0.00%	0.00%
1.0	4797.953	4.607	4.607	0.27%	0.34%
2.0	4708.633	13.645	18.252	0.79%	1.34%
3.0	4569.349	22.190	40.442	1.29%	2.97%
4.0	4387.929	29.983	70.425	1.75%	5.17%
5.0	4153.108	36.743	107.168	2.14%	7.86%
6.0	3915.945	42.405	149.573	2.47%	10.98%
7.0	3656.325	47.001	196.574	2.74%	14.43%
8.0	3382.878	50.378	246.952	2.93%	18.12%
9.0	3116.601	52.675	299.627	3.07%	21.99%
10.0	2866.637	54.146	353.773	3.15%	25.96%
11.0	2624.427	54.867	408.64	3.19%	29.99%
12.0	2400.359	54.928	463.568	3.20%	34.02%
13.0	2185.069	54.417	517.985	3.17%	38.01%
14.0	1994.578	53.499	571.484	3.11%	41.94%
15.0	1821.206	52.385	623.869	3.05%	45.78%
16.0	1655.880	50.949	674.818	2.97%	49.52%
17.0	1490.041	48.990	723.809	2.85%	53.12%
18.0	1335.908	46.594	770.402	2.71%	56.54%
19.0	1238.395	44.788	815.19	2.61%	59.82%
20.0	1150.933	43.731	858.921	2.55%	63.03%
21.0	1056.799	42.393	901.314	2.47%	66.14%
22.0	969.586	40.721	942.035	2.37%	69.13%
23.0	886.930	38.955	980.99	2.27%	71.99%
24.0	811.927	37.143	1018.133	2.16%	74.72%
25.0	737.544	35.232	1053.365	2.05%	77.30%
26.0	670.397	33.235	1086.599	1.93%	79.74%
27.0	601.063	31.107	1117.706	1.81%	82.03%
28.0	539.402	28.874	1146.58	1.68%	84.14%
29.0	477.770	26.612	1173.192	1.55%	86.10%
30.0	414.698	24.096	1197.289	1.40%	87.87%
31.0	353.249	21.371	1218.66	1.24%	89.43%
32.0	299.635	18.704	1237.364	1.09%	90.81%
33.0	258.648	16.447	1253.811	0.96%	92.01%
34.0	222.605	14.564	1268.375	0.85%	93.08%
35.0	164.668	12.027	1280.402	0.70%	93.96%
36.0	120.973	9.095	1289.497	0.53%	94.63%
37.0	91.515	6.930	1296.428	0.40%	95.14%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	70.264	5.400	1301.827	0.31%	95.54%
39.0	53.394	4.221	1306.048	0.25%	95.85%
40.0	41.705	3.317	1309.365	0.19%	96.09%
41.0	33.351	2.673	1312.038	0.16%	96.29%
42.0	28.040	2.230	1314.268	0.13%	96.45%
43.0	24.287	1.938	1316.206	0.11%	96.59%
44.0	21.587	1.731	1317.938	0.10%	96.72%
45.0	19.634	1.584	1319.522	0.09%	96.84%
46.0	17.988	1.471	1320.993	0.09%	96.94%
47.0	16.759	1.382	1322.375	0.08%	97.05%
48.0	15.772	1.315	1323.69	0.08%	97.14%
49.0	14.901	1.260	1324.95	0.07%	97.23%
50.0	14.265	1.216	1326.166	0.07%	97.32%
51.0	13.753	1.185	1327.351	0.07%	97.41%
52.0	13.343	1.163	1328.514	0.07%	97.50%
53.0	13.043	1.148	1329.662	0.07%	97.58%
54.0	12.838	1.141	1330.803	0.07%	97.66%
55.0	12.692	1.140	1331.942	0.07%	97.75%
56.0	12.604	1.143	1333.085	0.07%	97.83%
57.0	12.553	1.150	1334.236	0.07%	97.92%
58.0	12.480	1.158	1335.393	0.07%	98.00%
59.0	12.341	1.160	1336.554	0.07%	98.09%
60.0	12.209	1.160	1337.714	0.07%	98.17%
61.0	11.982	1.154	1338.868	0.07%	98.26%
62.0	11.668	1.140	1340.008	0.07%	98.34%
63.0	11.280	1.116	1341.124	0.06%	98.42%
64.0	10.863	1.087	1342.21	0.06%	98.50%
65.0	10.388	1.052	1343.262	0.06%	98.58%
66.0	9.927	1.014	1344.276	0.06%	98.65%
67.0	9.444	0.974	1345.25	0.06%	98.72%
68.0	9.020	0.935	1346.185	0.05%	98.79%
69.0	8.647	0.901	1347.086	0.05%	98.86%
70.0	8.339	0.872	1347.959	0.05%	98.92%
71.0	8.076	0.848	1348.807	0.05%	98.98%
72.0	7.871	0.829	1349.636	0.05%	99.05%
73.0	7.674	0.813	1350.449	0.05%	99.11%
74.0	7.513	0.798	1351.247	0.05%	99.16%
75.0	7.367	0.786	1352.034	0.05%	99.22%

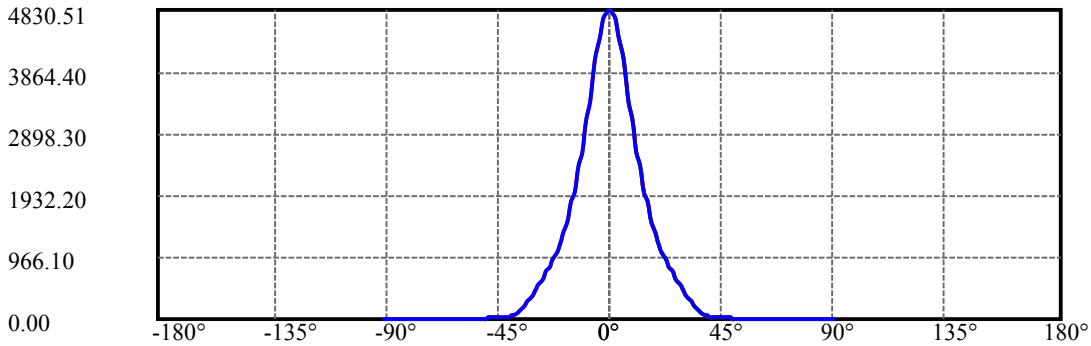
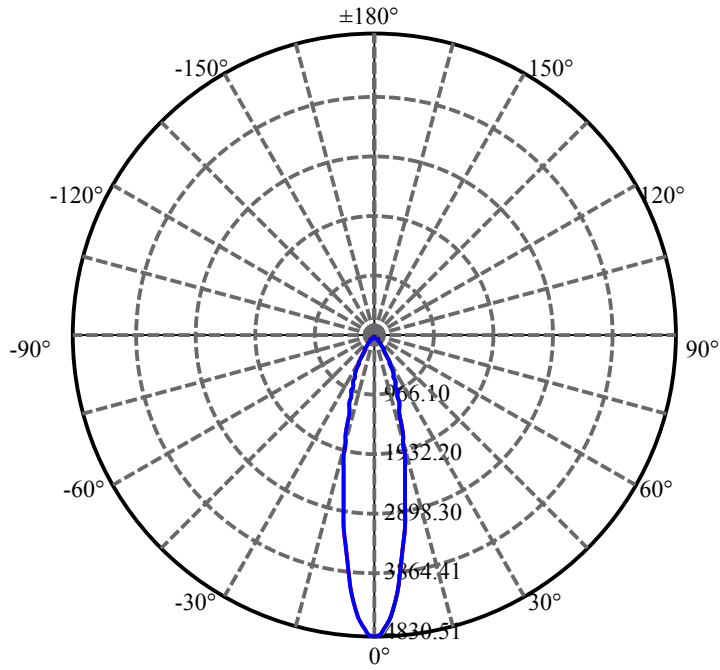
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	7.235	0.775	1352.809	0.05%	99.28%
77.0	7.110	0.765	1353.574	0.04%	99.33%
78.0	6.993	0.755	1354.329	0.04%	99.39%
79.0	6.854	0.744	1355.073	0.04%	99.44%
80.0	6.730	0.732	1355.805	0.04%	99.50%
81.0	6.628	0.722	1356.527	0.04%	99.55%
82.0	6.525	0.713	1357.241	0.04%	99.60%
83.0	6.437	0.705	1357.945	0.04%	99.66%
84.0	6.328	0.695	1358.641	0.04%	99.71%
85.0	6.240	0.686	1359.327	0.04%	99.76%
86.0	6.152	0.677	1360.004	0.04%	99.81%
87.0	6.057	0.668	1360.672	0.04%	99.86%
88.0	5.991	0.660	1361.332	0.04%	99.90%
89.0	5.955	0.655	1361.987	0.04%	99.95%
90.0	5.918	0.651	1362.638	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1197.29	69.69%	87.87%
0-40	1309.36	76.21%	96.09%
0-60	1337.71	77.86%	98.17%
0-90	1361.99	79.28%	99.95%
0-120	1361.99	79.28%	99.95%
0-180	1362.64	79.32%	100.00%
60-90	24.27	1.41%	1.78%
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%
0-26.11	1090.11	63.45%	80.00%

ZONAL LUMEN SUMMARY

0-10	353.77
10-20	505.15
20-30	338.37
30-40	112.08
40-50	16.80
50-60	11.55
60-70	10.24
70-80	7.85
80-90	6.18
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: —————

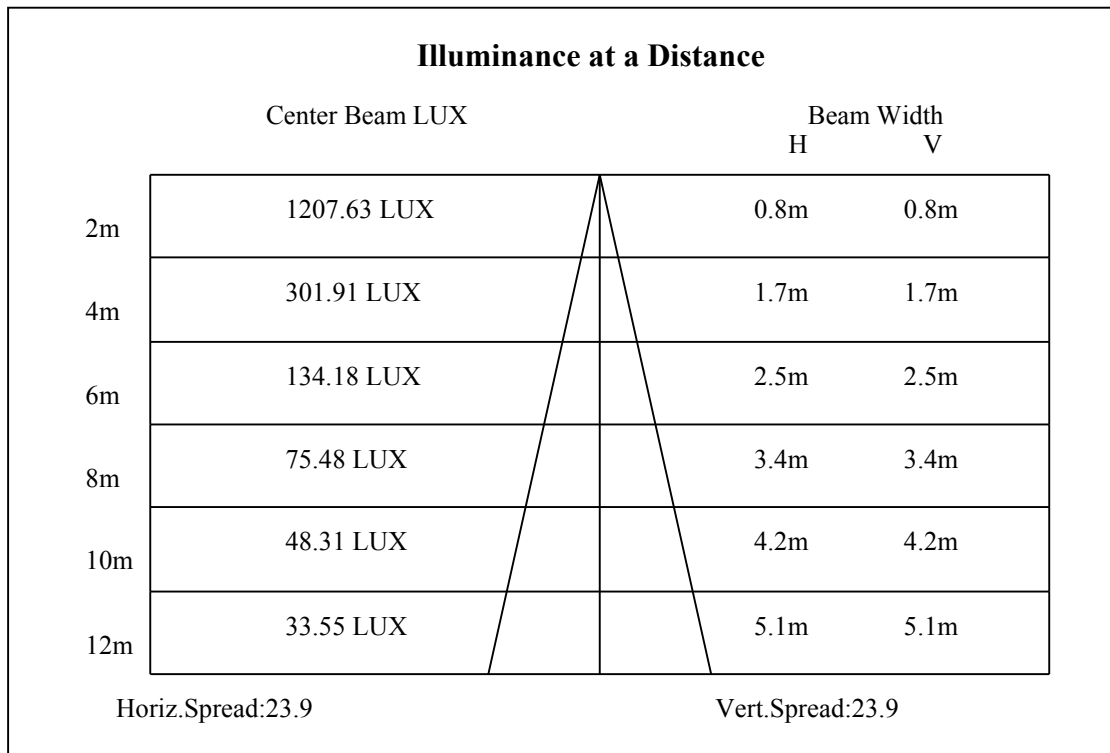
C90/C270: —————

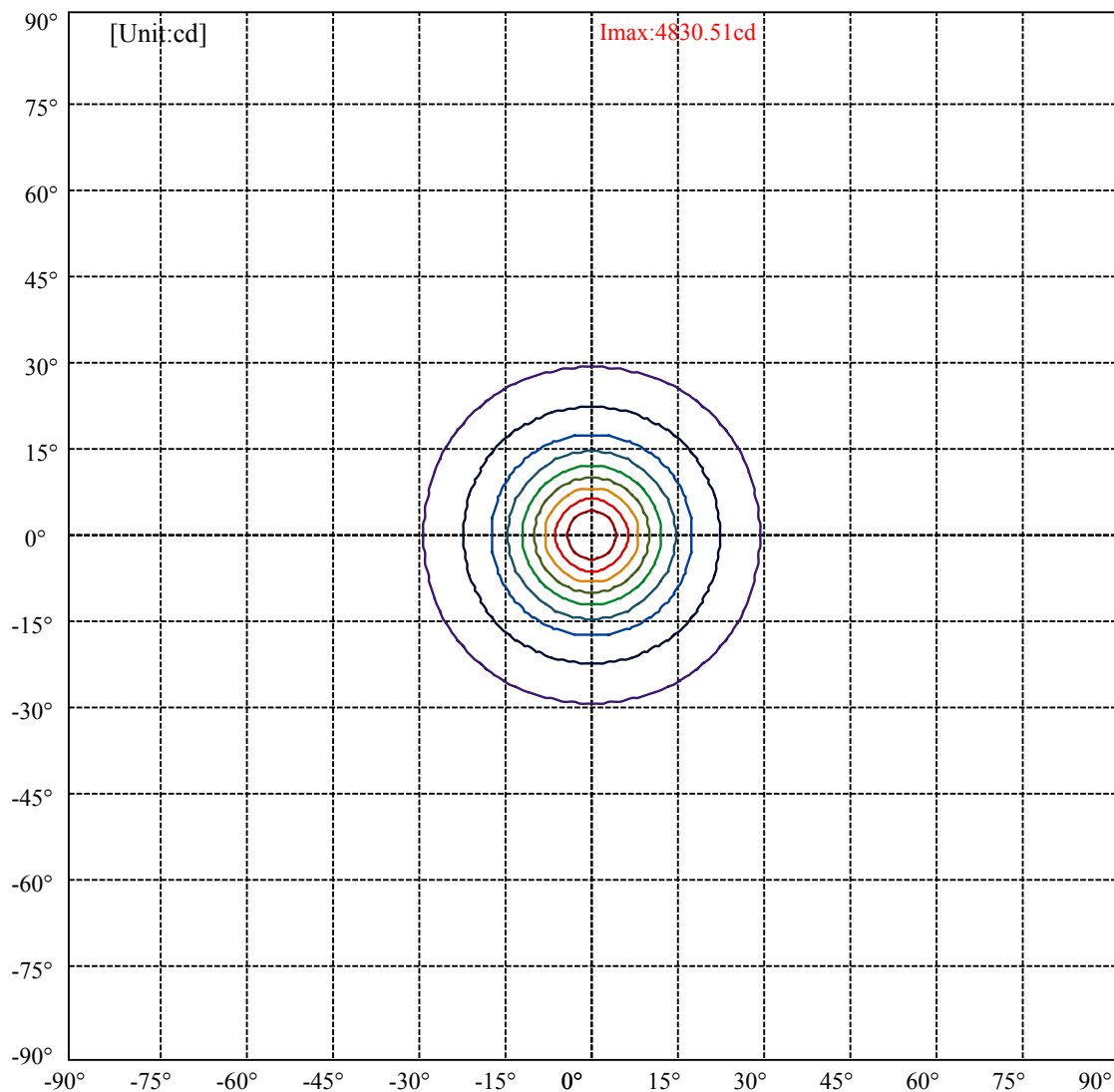
Field angle(10%Imax):C0/180Left:28.9 Right:28.9

:C90/270Left:28.9 Right:28.9

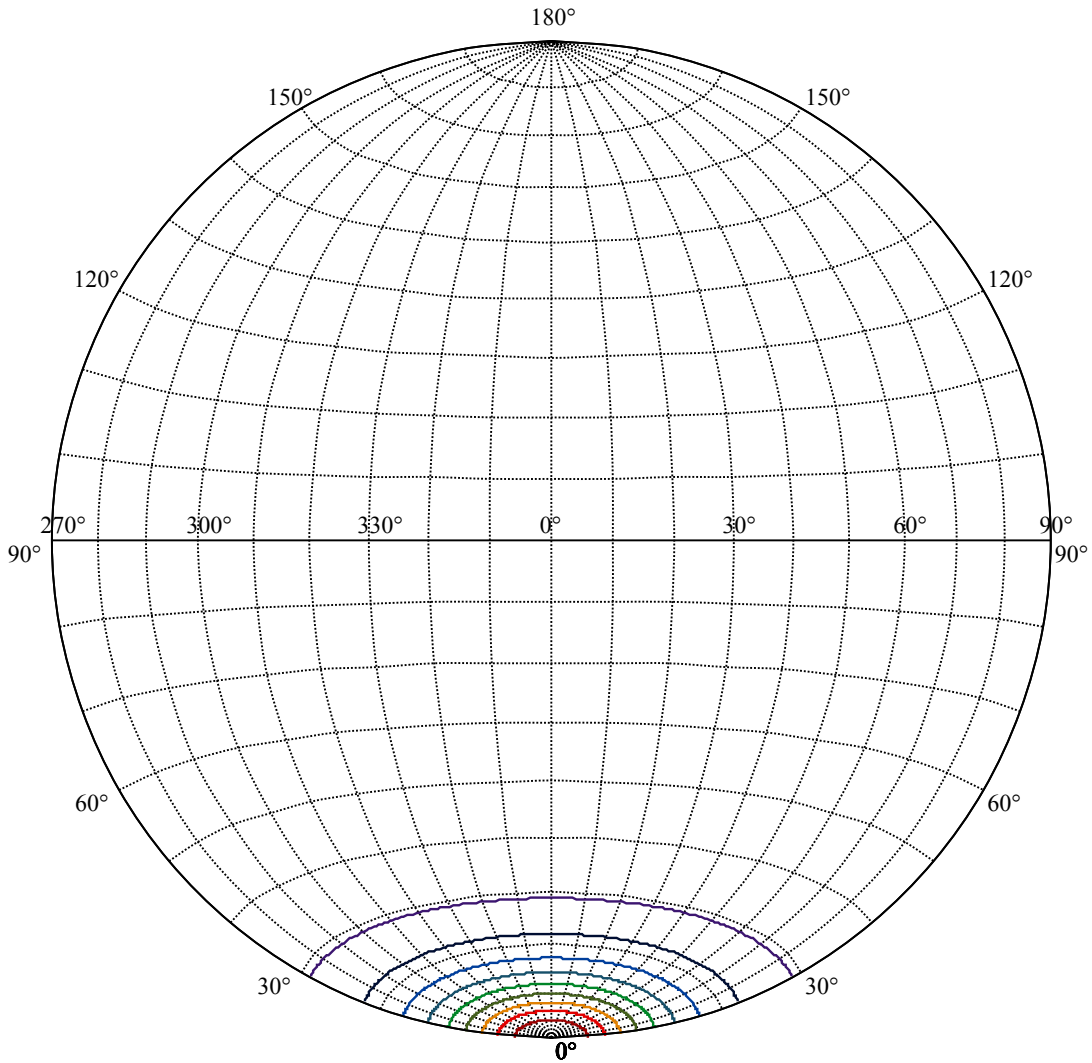
Beam Angle(50%Imax):C0/180Left:11.9 Right:11.9

:C90/270Left:11.9 Right:11.9





(10%Imax) 483.051	—
(20%Imax) 966.101	—
(30%Imax) 1449.15	—
(40%Imax) 1932.2	—
(50%Imax) 2415.25	—
(60%Imax) 2898.3	—
(70%Imax) 3381.35	—
(80%Imax) 3864.4	—
(90%Imax) 4347.46	—



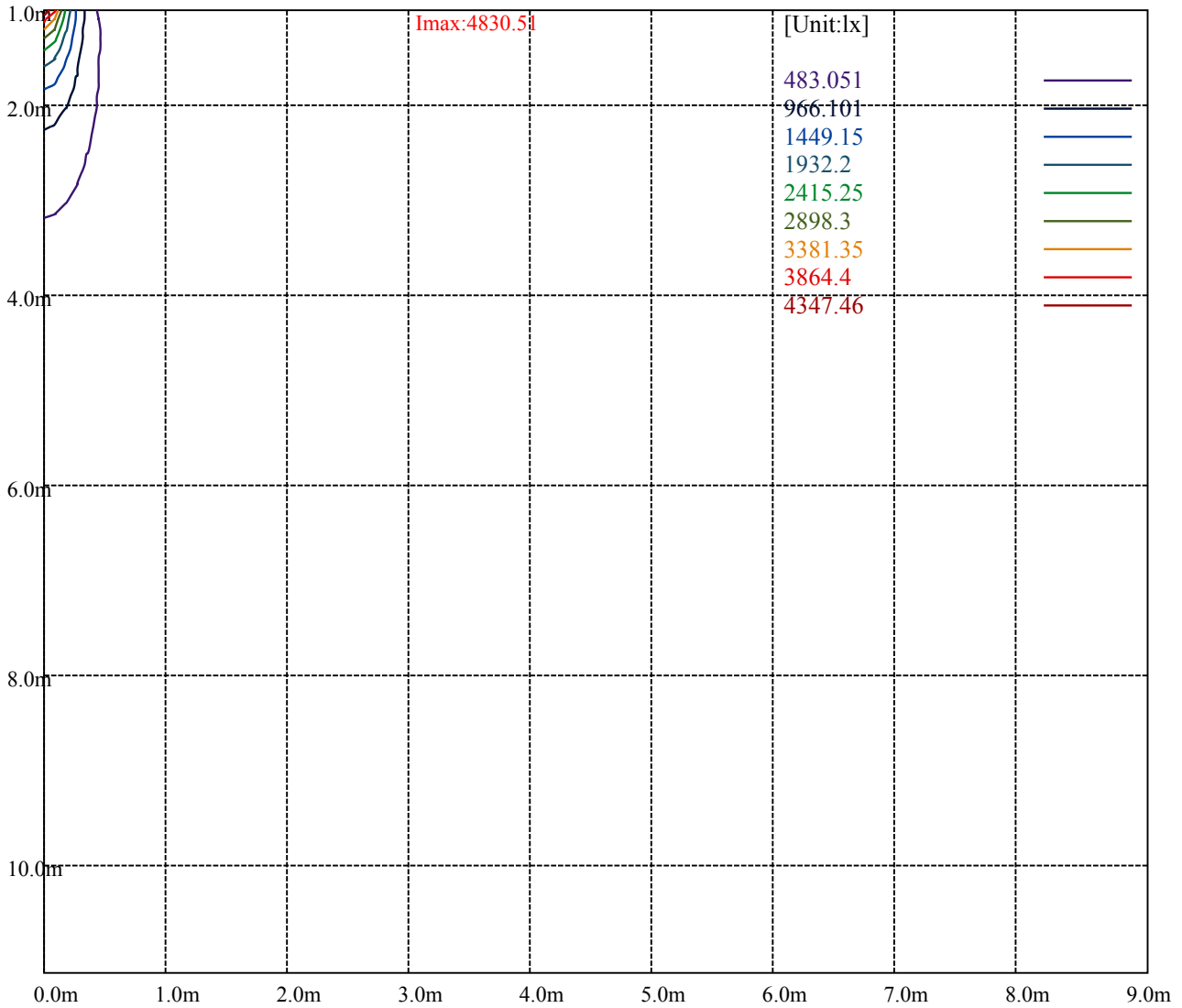
House

[Unit:cd]

Road

Imax:4830.51

(10%Imax) 483.051	—
(20%Imax) 966.101	—
(30%Imax) 1449.15	—
(40%Imax) 1932.2	—
(50%Imax) 2415.25	—
(60%Imax) 2898.3	—
(70%Imax) 3381.35	—
(80%Imax) 3864.4	—
(90%Imax) 4347.46	—



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

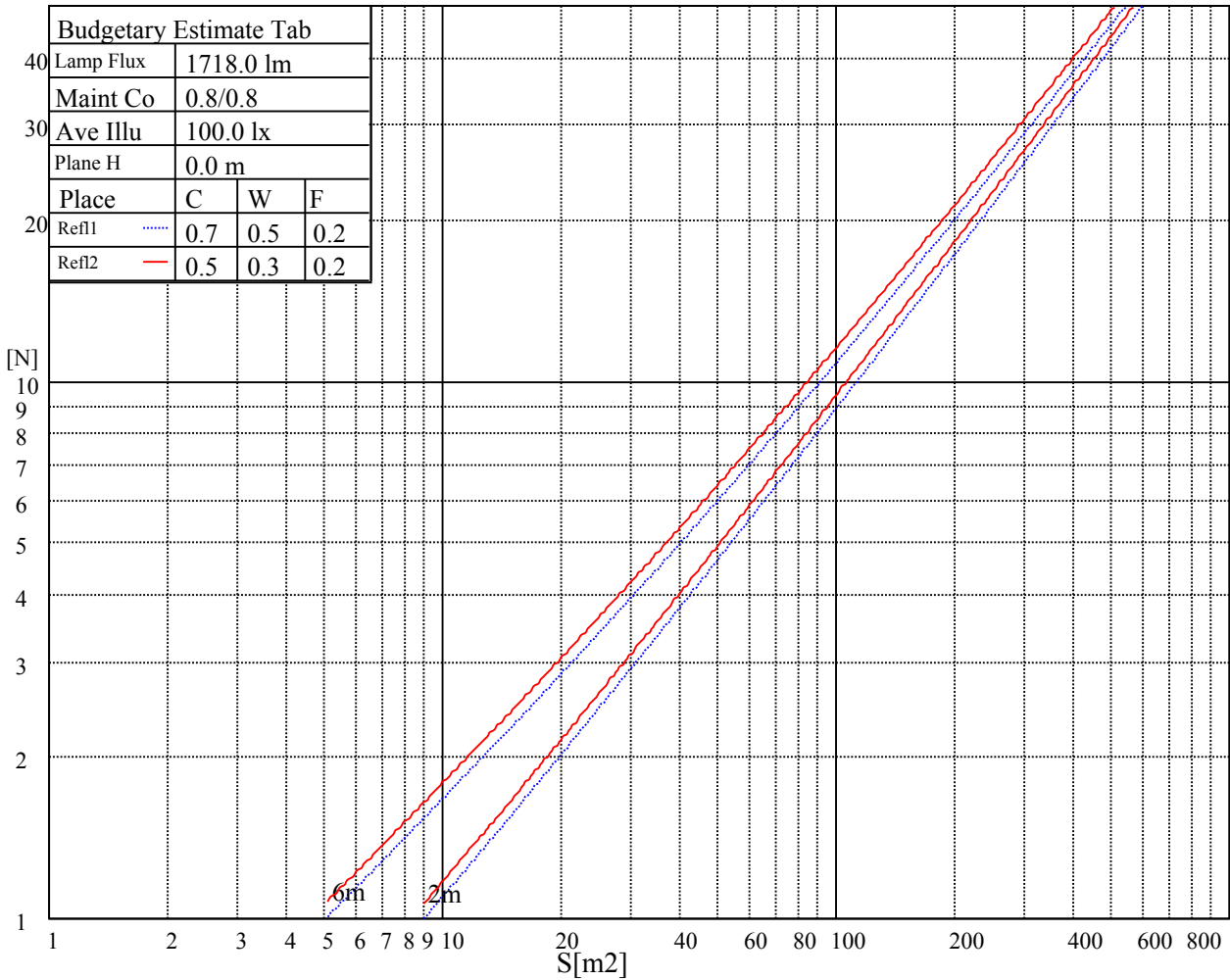
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

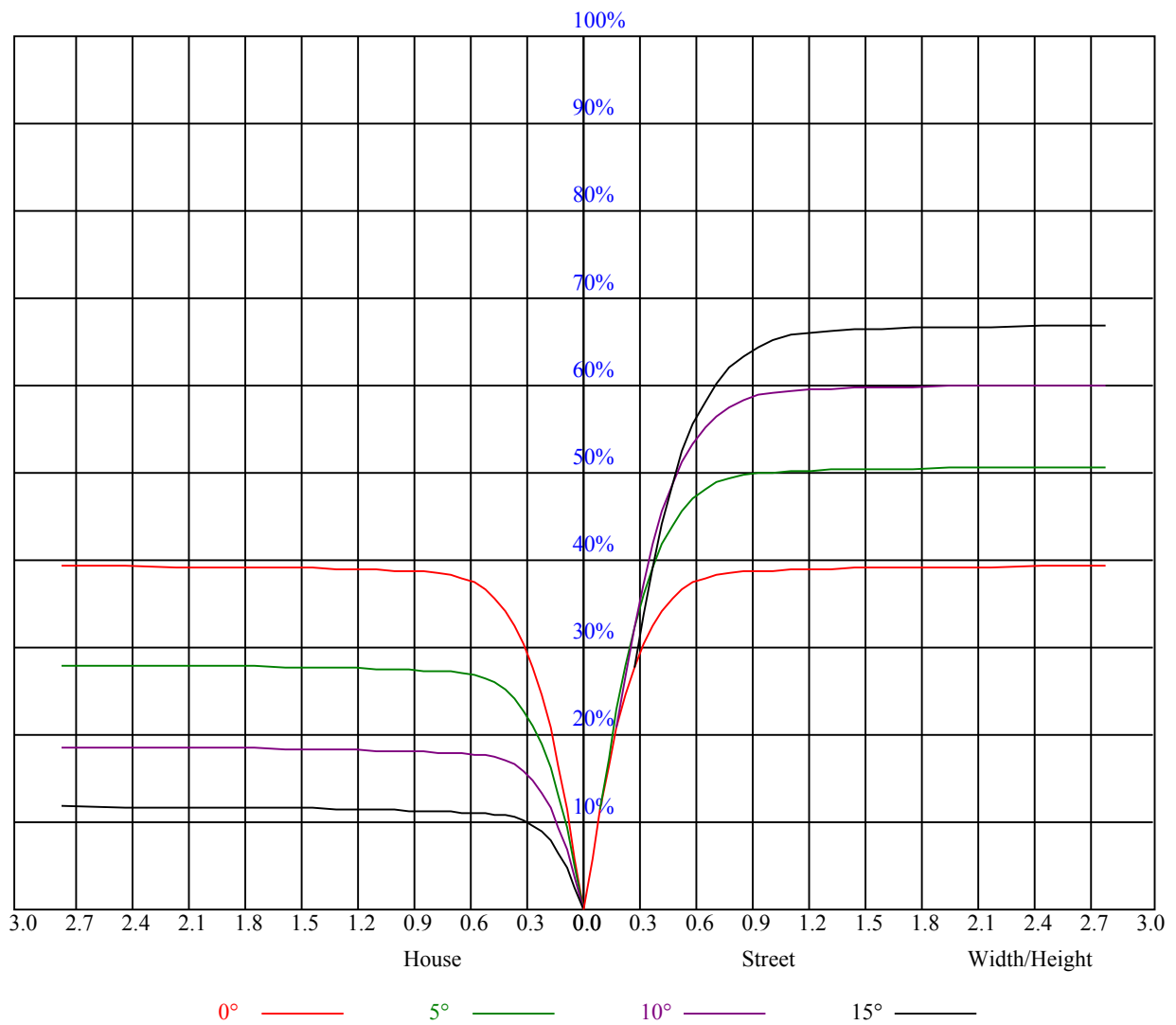


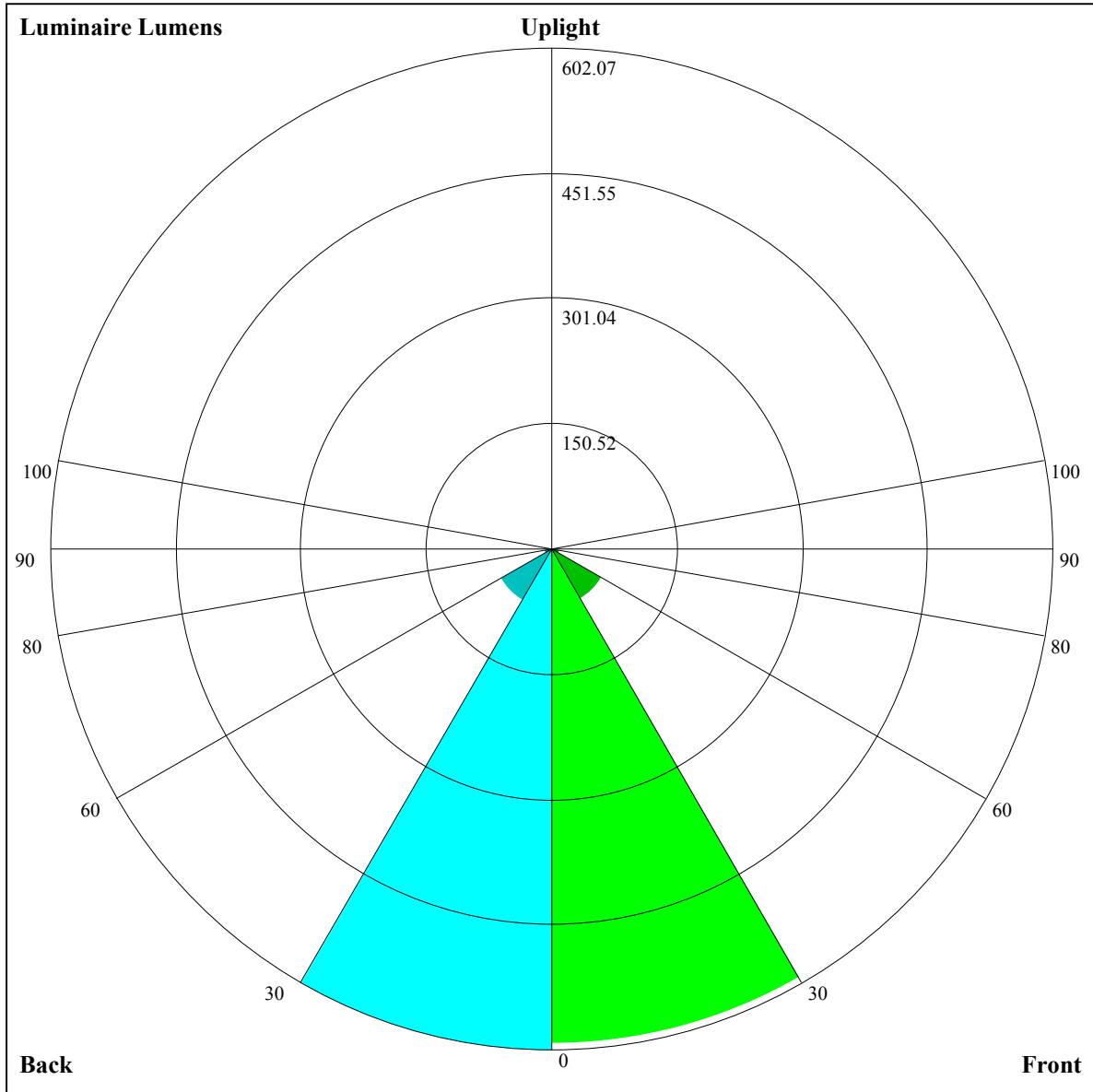
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	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	0.89	0.87	0.85	0.87	0.85	0.84	0.84	0.82	0.81	0.81	0.80	0.79	0.78	0.77	0.77	0.75
2	0.84	0.81	0.78	0.82	0.80	0.78	0.80	0.78	0.76	0.77	0.76	0.74	0.75	0.74	0.73	0.72
3	0.79	0.76	0.73	0.78	0.75	0.73	0.76	0.74	0.71	0.74	0.72	0.70	0.73	0.71	0.69	0.68
4	0.75	0.72	0.69	0.75	0.71	0.69	0.73	0.70	0.68	0.71	0.69	0.67	0.70	0.68	0.66	0.65
5	0.72	0.68	0.65	0.71	0.68	0.65	0.70	0.67	0.64	0.69	0.66	0.64	0.67	0.65	0.63	0.62
6	0.69	0.65	0.62	0.68	0.65	0.62	0.67	0.64	0.62	0.66	0.63	0.61	0.65	0.63	0.61	0.60
7	0.66	0.62	0.59	0.65	0.62	0.59	0.65	0.61	0.59	0.64	0.61	0.59	0.63	0.60	0.58	0.57
8	0.63	0.60	0.57	0.63	0.59	0.57	0.62	0.59	0.57	0.61	0.59	0.56	0.61	0.58	0.56	0.55
9	0.61	0.57	0.55	0.61	0.57	0.55	0.60	0.57	0.54	0.59	0.56	0.54	0.59	0.56	0.54	0.53
10	0.59	0.55	0.53	0.59	0.55	0.53	0.58	0.55	0.52	0.57	0.54	0.52	0.57	0.54	0.52	0.51





Luminaire Lumens:

FL=594.96,FM=69.66,FH=9.04,FVH=3.42

BL=602.07,BM=71.89,BH=9.03,BVH=3.42

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	4825.82	4766.13	4671.91	4488.15	4296.78	4074.98	3779.44	3534.82	3285.51
45.0	4811.19	4856.84	4839.28	4769.64	4619.82	4451.87	4249.38	3967.30	3724.43
90.0	4871.47	4848.65	4739.80	4605.19	4435.48	4177.39	3951.50	3704.53	3455.81
135.0	4813.53	4860.94	4838.70	4720.48	4578.27	4399.78	4193.78	3963.79	3651.86
180.0	4825.82	4827.58	4757.94	4640.89	4487.56	4246.45	4019.97	3772.42	3523.11
225.0	4811.19	4691.81	4546.09	4364.08	4149.30	3848.50	3598.02	3342.86	3026.84
270.0	4871.47	4801.24	4702.34	4561.30	4334.82	4114.78	3877.17	3624.36	3306.58
315.0	4813.53	4730.43	4573.01	4405.05	4201.39	3911.12	3658.30	3340.52	3088.88
360.0	4825.82	4766.13	4671.91	4488.15	4296.78	4074.98	3779.44	3534.82	3285.51
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	2983.54	2751.20	2531.74	2327.50	2087.56	1911.99	1754.56	1607.09	1444.39
45.0	3477.47	3169.05	2929.69	2642.35	2428.74	2232.11	2048.93	1832.98	1676.14
90.0	3153.84	2917.99	2693.26	2475.56	2222.74	2041.91	1873.95	1681.41	1540.37
135.0	3405.48	3109.36	2882.88	2662.25	2399.48	2203.43	2019.08	1811.33	1659.17
180.0	3219.38	2979.44	2691.51	2473.22	2271.90	2041.91	1876.88	1725.30	1547.39
225.0	2789.83	2565.68	2310.53	2122.08	1947.10	1749.88	1604.16	1474.24	1275.85
270.0	3056.10	2817.33	2592.02	2333.35	2140.81	1959.39	1758.66	1615.86	1484.19
315.0	2847.18	2623.04	2363.78	2166.56	1982.22	1816.01	1633.42	1498.82	1292.82
360.0	2983.54	2751.20	2531.74	2327.50	2087.56	1911.99	1754.56	1607.09	1444.39
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1151.08	1151.08	1105.43	1020.16	939.81	844.01	771.15	704.32	624.38
45.0	1535.69	1411.62	1271.75	1172.85	1084.48	982.07	905.99	835.17	752.07
90.0	1415.72	1150.08	1150.08	1082.72	978.50	901.31	827.57	761.03	698.64
135.0	1523.98	1401.09	1267.07	1169.92	1080.97	997.87	901.31	827.57	761.44
180.0	1420.98	1307.45	1206.79	1093.26	1005.48	922.37	853.90	764.95	701.16
225.0	1144.82	1121.82	1032.92	952.28	859.99	790.99	724.92	646.91	586.22
270.0	1334.96	1227.28	1129.54	1021.28	938.76	859.17	795.96	708.77	647.32
315.0	1160.03	1136.74	1043.87	941.92	868.71	797.66	714.62	651.65	591.96
360.0	1151.08	1151.08	1105.43	1020.16	939.81	844.01	771.15	704.32	624.38
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	562.17	499.26	441.03	368.63	314.73	265.75	221.57	171.12	135.95
45.0	686.53	625.08	551.93	494.57	435.47	376.36	306.13	306.13	244.62
90.0	622.33	563.28	507.10	436.17	379.87	311.63	261.60	215.07	162.05
135.0	679.50	618.06	557.78	485.80	429.03	358.80	304.96	304.96	245.15
180.0	639.71	567.73	511.55	451.85	376.94	324.86	299.11	299.11	168.54
225.0	512.60	453.78	395.38	337.85	271.60	224.38	182.59	146.01	108.38
270.0	587.04	528.52	457.12	397.43	337.15	300.28	300.28	183.12	137.00
315.0	518.63	459.52	400.29	345.28	281.20	235.03	192.95	155.32	115.64
360.0	562.17	499.26	441.03	368.63	314.73	265.75	221.57	171.12	135.95
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	99.72	77.19	59.58	43.83	35.58	29.85	25.11	22.47	20.42
45.0	166.03	122.90	95.16	73.21	53.49	42.37	34.47	27.92	24.52
90.0	126.41	97.32	74.15	53.26	42.31	34.65	29.26	24.64	22.00
135.0	157.25	122.72	94.05	71.46	54.84	40.44	33.01	27.97	23.99
180.0	134.60	102.18	74.91	57.24	45.24	36.28	29.44	26.04	23.29
225.0	84.51	65.95	51.85	39.15	32.01	26.16	23.06	20.72	18.55
270.0	109.67	78.89	61.57	48.63	38.57	29.90	25.98	22.94	20.60
315.0	89.60	64.96	50.86	40.38	31.60	27.15	23.99	21.59	19.31
360.0	99.72	77.19	59.58	43.83	35.58	29.85	25.11	22.47	20.42

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	18.79	17.09	16.04	15.22	14.51	13.81	13.40	13.11	12.82
45.0	21.54	19.78	18.32	17.15	15.92	15.16	14.57	14.10	13.75
90.0	20.01	18.02	16.80	15.80	14.75	14.10	13.64	13.17	12.87
135.0	21.71	19.49	18.02	16.85	15.63	14.86	14.28	13.81	13.34
180.0	20.95	19.49	17.97	17.03	16.09	15.39	14.63	14.05	13.64
225.0	17.26	16.15	15.04	14.34	13.75	13.28	12.87	12.58	12.41
270.0	18.90	17.15	16.09	14.98	14.34	13.75	13.28	12.93	12.70
315.0	17.91	16.74	15.80	14.81	14.22	13.75	13.34	12.99	12.82
360.0	18.79	17.09	16.04	15.22	14.51	13.81	13.40	13.11	12.82
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	12.70	12.58	12.52	12.52	12.47	12.29	12.11	11.88	11.53
45.0	13.46	13.23	13.11	12.99	12.93	12.82	12.70	12.52	12.23
90.0	12.70	12.64	12.52	12.52	12.47	12.41	12.23	12.06	11.82
135.0	13.11	12.87	12.82	12.70	12.64	12.58	12.52	12.35	12.17
180.0	13.28	12.99	12.82	12.70	12.64	12.47	12.35	12.11	11.88
225.0	12.29	12.23	12.17	12.17	12.06	11.88	11.65	11.35	10.94
270.0	12.52	12.47	12.35	12.35	12.29	12.11	12.06	11.88	11.47
315.0	12.64	12.52	12.52	12.47	12.35	12.17	12.06	11.70	11.29
360.0	12.70	12.58	12.52	12.52	12.47	12.29	12.11	11.88	11.53
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	11.12	10.71	10.30	9.83	9.31	8.90	8.49	8.19	8.02
45.0	11.88	11.47	11.06	10.48	10.01	9.54	9.13	8.66	8.37
90.0	11.35	11.00	10.42	10.01	9.54	9.13	8.60	8.37	8.08
135.0	11.76	11.41	11.00	10.42	9.95	9.54	9.13	8.66	8.37
180.0	11.47	11.00	10.53	10.12	9.60	9.19	8.78	8.49	8.19
225.0	10.59	10.07	9.60	9.25	8.84	8.43	8.13	7.90	7.72
270.0	11.12	10.71	10.18	9.77	9.19	8.78	8.49	8.25	7.96
315.0	10.94	10.53	10.01	9.54	9.13	8.66	8.43	8.19	7.90
360.0	11.12	10.71	10.30	9.83	9.31	8.90	8.49	8.19	8.02
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	7.78	7.61	7.43	7.32	7.20	7.08	6.96	6.79	6.67
45.0	8.13	7.84	7.67	7.49	7.37	7.26	7.14	6.96	6.85
90.0	7.90	7.67	7.55	7.37	7.26	7.08	6.96	6.85	6.73
135.0	8.13	7.96	7.72	7.61	7.49	7.37	7.26	7.02	6.96
180.0	7.96	7.78	7.61	7.49	7.32	7.20	7.08	6.96	6.79
225.0	7.55	7.37	7.26	7.08	6.96	6.85	6.73	6.67	6.55
270.0	7.78	7.61	7.43	7.32	7.14	7.02	6.91	6.79	6.67
315.0	7.72	7.55	7.43	7.26	7.14	7.02	6.91	6.79	6.61
360.0	7.78	7.61	7.43	7.32	7.20	7.08	6.96	6.79	6.67
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	6.61	6.50	6.38	6.26	6.20	6.09	6.03	5.97	5.85
45.0	6.73	6.61	6.55	6.38	6.32	6.26	6.14	6.03	6.03
90.0	6.67	6.55	6.44	6.32	6.20	6.14	6.03	5.97	6.09
135.0	6.79	6.61	6.50	6.44	6.32	6.26	6.14	6.03	5.97
180.0	6.67	6.61	6.50	6.38	6.26	6.20	6.09	5.97	5.91
225.0	6.44	6.38	6.32	6.26	6.14	6.03	5.97	5.91	5.91
270.0	6.55	6.50	6.44	6.32	6.26	6.14	6.03	6.09	5.91
315.0	6.55	6.44	6.38	6.26	6.20	6.09	6.03	5.97	5.97
360.0	6.61	6.50	6.38	6.26	6.20	6.09	6.03	5.97	5.85

Intensity data(cd)

C/γ(°)	90.0
0.0	5.91
45.0	5.97
90.0	5.85
135.0	5.91
180.0	5.91
225.0	5.85
270.0	5.97
315.0	5.97
360.0	5.91