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NT

Client:

LumCAT: 1-1492-L

Luminaire: 92.70.427.00

Report No: 2024923-B022

Ballast type: AC

Test No: 2024923-C022

Voltage(V): 36.250

LampCAT: CITIZEN CLU028 LES9.8

Current(A): 0.360

Lamp flux(lm): 1715.0

Power (W): 12.690

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1386.00, Efficiency(%): 80.82% , Luminous Efficacy(lm/W): 109.22

Central intensity(cd): 6209.881, Maximum intensity(cd): 6209.881

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=53.0

[C90/270]Total=53.0

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(%): 80.82%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.156%

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	6209.881	0.000	0	0.00%	0.00%
1.0	6146.969	5.913	5.913	0.34%	0.43%
2.0	6001.468	17.437	23.349	1.02%	1.68%
3.0	5765.842	28.144	51.493	1.64%	3.72%
4.0	5428.459	37.471	88.964	2.18%	6.42%
5.0	5007.097	44.893	133.857	2.62%	9.66%
6.0	4565.179	50.305	184.162	2.93%	13.29%
7.0	4113.093	53.866	238.028	3.14%	17.17%
8.0	3640.012	55.487	293.515	3.24%	21.18%
9.0	3208.189	55.501	349.016	3.24%	25.18%
10.0	2841.326	54.746	403.762	3.19%	29.13%
11.0	2529.328	53.664	457.426	3.13%	33.00%
12.0	2271.829	52.484	509.909	3.06%	36.79%
13.0	2050.394	51.294	561.203	2.99%	40.49%
14.0	1865.171	50.119	611.322	2.92%	44.11%
15.0	1711.988	49.109	660.431	2.86%	47.65%
16.0	1568.242	48.065	708.495	2.80%	51.12%
17.0	1394.598	46.139	754.635	2.69%	54.45%
18.0	1281.504	44.123	798.758	2.57%	57.63%
19.0	1207.400	43.302	842.06	2.52%	60.75%
20.0	1116.931	42.542	884.601	2.48%	63.82%
21.0	1026.236	41.153	925.755	2.40%	66.79%
22.0	941.612	39.545	965.299	2.31%	69.65%
23.0	861.202	37.828	1003.127	2.21%	72.38%
24.0	792.351	36.153	1039.28	2.11%	74.98%
25.0	720.295	34.394	1073.674	2.01%	77.47%
26.0	652.167	32.397	1106.071	1.89%	79.80%
27.0	594.084	30.490	1136.561	1.78%	82.00%
28.0	532.408	28.520	1165.082	1.66%	84.06%
29.0	471.999	26.278	1191.36	1.53%	85.96%
30.0	411.837	23.863	1215.223	1.39%	87.68%
31.0	354.259	21.319	1236.542	1.24%	89.22%
32.0	303.388	18.841	1255.383	1.10%	90.58%
33.0	260.184	16.603	1271.986	0.97%	91.77%
34.0	222.481	14.607	1286.593	0.85%	92.83%
35.0	169.445	12.172	1298.765	0.71%	93.71%
36.0	125.260	9.383	1308.148	0.55%	94.38%
37.0	95.340	7.195	1315.343	0.42%	94.90%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	70.666	5.541	1320.884	0.32%	95.30%
39.0	54.558	4.274	1325.158	0.25%	95.61%
40.0	42.780	3.395	1328.553	0.20%	95.85%
41.0	34.887	2.766	1331.319	0.16%	96.05%
42.0	29.312	2.332	1333.651	0.14%	96.22%
43.0	26.072	2.052	1335.703	0.12%	96.37%
44.0	23.782	1.882	1337.584	0.11%	96.51%
45.0	22.187	1.767	1339.351	0.10%	96.63%
46.0	20.834	1.682	1341.034	0.10%	96.76%
47.0	19.795	1.616	1342.65	0.09%	96.87%
48.0	18.998	1.568	1344.218	0.09%	96.99%
49.0	18.222	1.528	1345.746	0.09%	97.10%
50.0	17.484	1.489	1347.235	0.09%	97.20%
51.0	16.818	1.451	1348.686	0.08%	97.31%
52.0	16.203	1.417	1350.103	0.08%	97.41%
53.0	15.633	1.385	1351.488	0.08%	97.51%
54.0	15.070	1.353	1352.841	0.08%	97.61%
55.0	14.572	1.323	1354.164	0.08%	97.70%
56.0	14.111	1.296	1355.46	0.08%	97.80%
57.0	13.775	1.275	1356.736	0.07%	97.89%
58.0	13.372	1.255	1357.991	0.07%	97.98%
59.0	13.029	1.234	1359.225	0.07%	98.07%
60.0	12.699	1.215	1360.441	0.07%	98.16%
61.0	12.356	1.196	1361.636	0.07%	98.24%
62.0	11.975	1.172	1362.809	0.07%	98.33%
63.0	11.522	1.143	1363.951	0.07%	98.41%
64.0	11.053	1.108	1365.059	0.06%	98.49%
65.0	10.563	1.070	1366.129	0.06%	98.57%
66.0	10.059	1.029	1367.158	0.06%	98.64%
67.0	9.525	0.985	1368.143	0.06%	98.71%
68.0	9.078	0.942	1369.085	0.05%	98.78%
69.0	8.756	0.910	1369.995	0.05%	98.84%
70.0	8.471	0.885	1370.88	0.05%	98.91%
71.0	8.244	0.864	1371.744	0.05%	98.97%
72.0	8.040	0.847	1372.59	0.05%	99.03%
73.0	7.901	0.834	1373.424	0.05%	99.09%
74.0	7.747	0.823	1374.246	0.05%	99.15%
75.0	7.593	0.811	1375.057	0.05%	99.21%

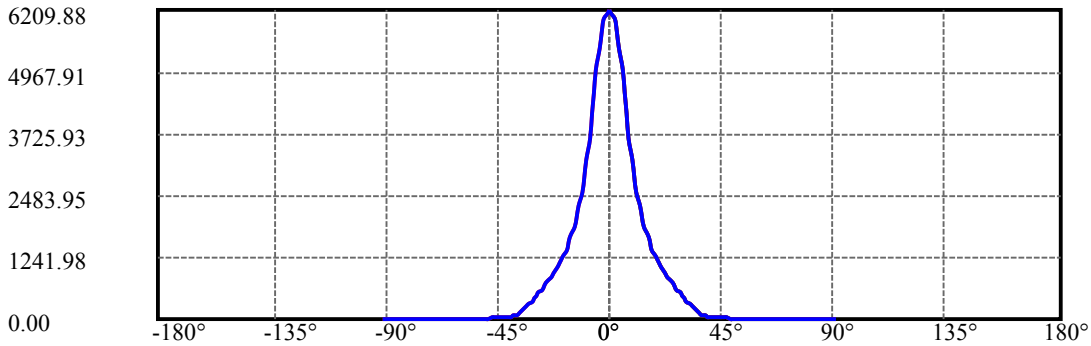
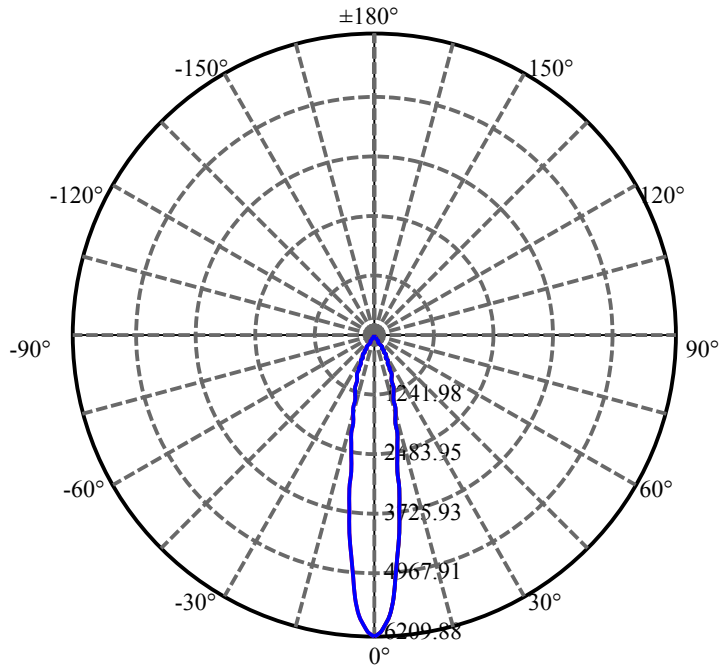
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	7.484	0.800	1375.857	0.05%	99.27%
77.0	7.337	0.790	1376.647	0.05%	99.32%
78.0	7.213	0.779	1377.426	0.05%	99.38%
79.0	7.081	0.768	1378.194	0.04%	99.44%
80.0	6.957	0.757	1378.951	0.04%	99.49%
81.0	6.854	0.747	1379.698	0.04%	99.55%
82.0	6.774	0.739	1380.437	0.04%	99.60%
83.0	6.635	0.729	1381.166	0.04%	99.65%
84.0	6.540	0.718	1381.884	0.04%	99.70%
85.0	6.452	0.709	1382.593	0.04%	99.75%
86.0	6.335	0.699	1383.292	0.04%	99.80%
87.0	6.247	0.689	1383.98	0.04%	99.85%
88.0	6.211	0.682	1384.663	0.04%	99.90%
89.0	6.094	0.674	1385.337	0.04%	99.95%
90.0	6.064	0.667	1386.004	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1215.22	70.86%	87.68%
0-40	1328.55	77.47%	95.85%
0-60	1360.44	79.33%	98.16%
0-90	1385.34	80.78%	99.95%
0-120	1385.34	80.78%	99.95%
0-180	1386.00	80.82%	100.00%
60-90	24.90	1.45%	1.80%
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%
0-26.09	1108.80	64.65%	80.00%

ZONAL LUMEN SUMMARY

0-10	403.76
10-20	480.84
20-30	330.62
30-40	113.33
40-50	18.68
50-60	13.21
60-70	10.44
70-80	8.07
80-90	6.39
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



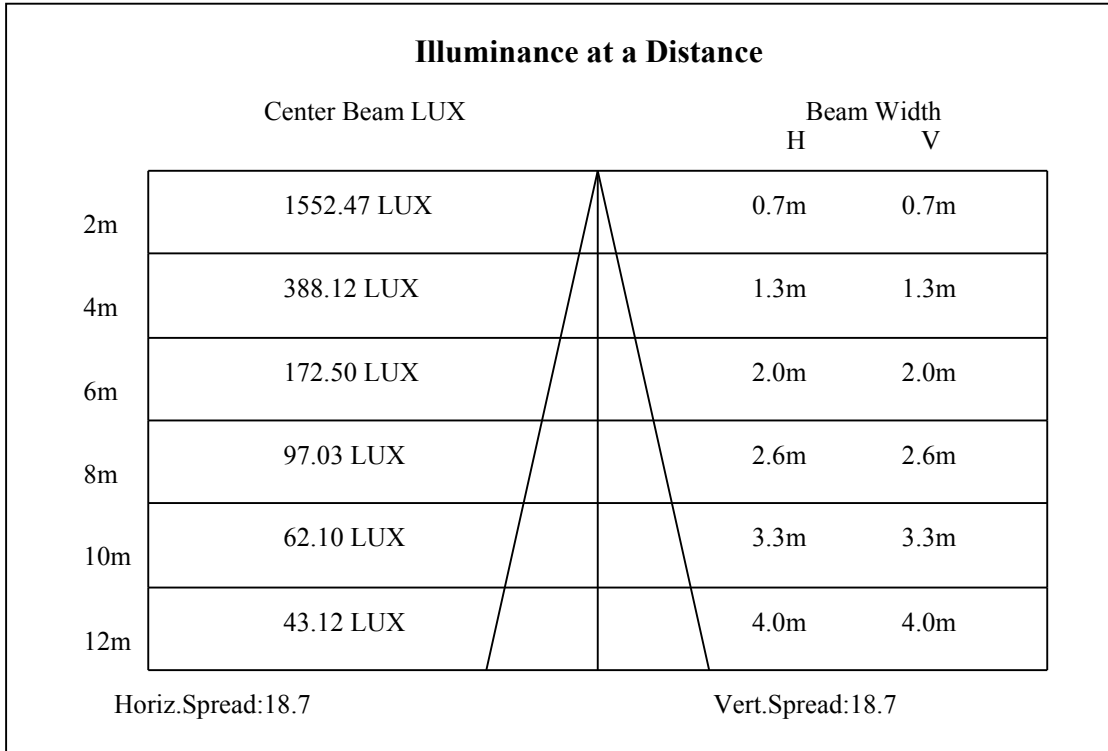
C0(Max): —————

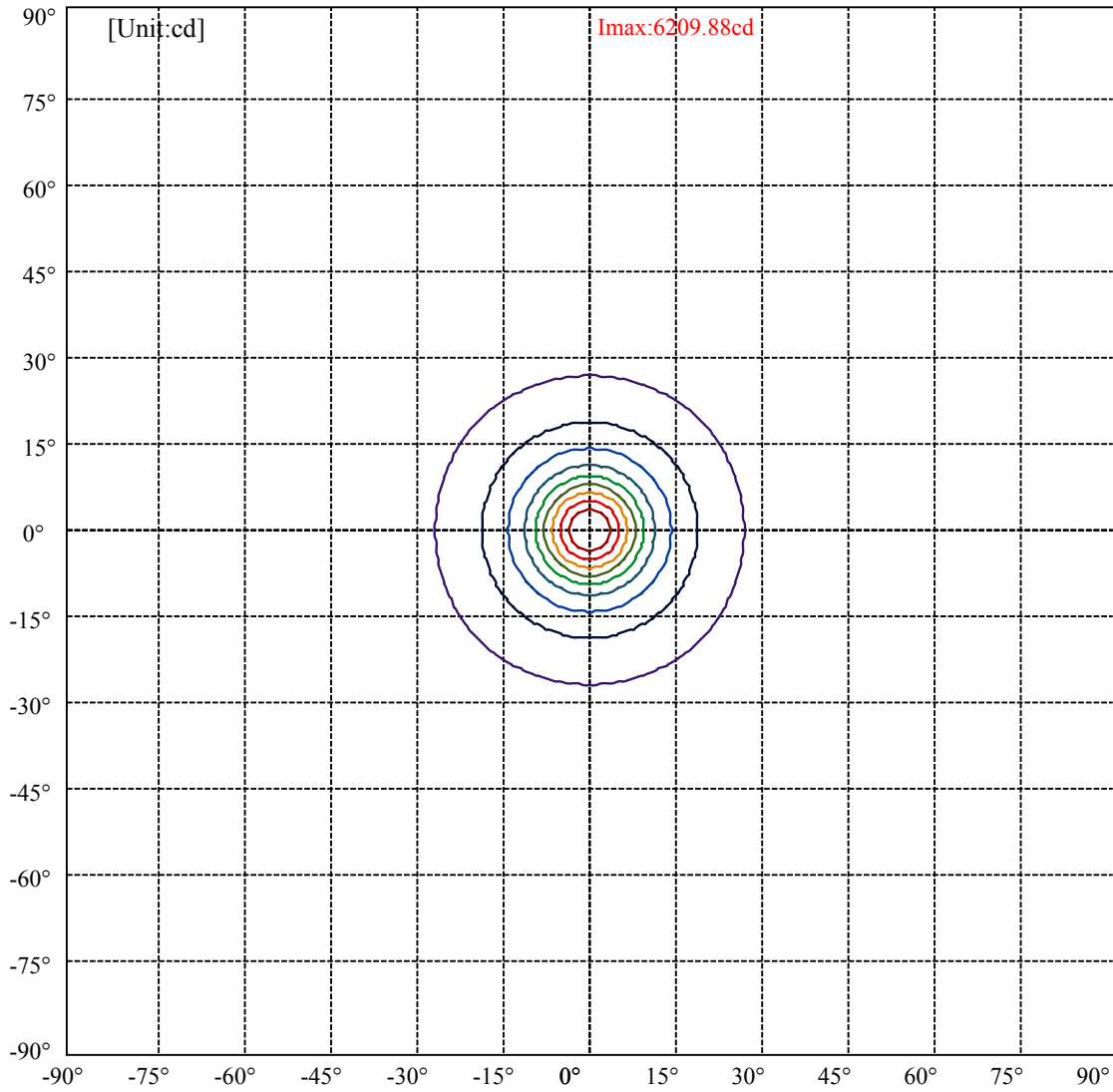
C0/C180: —————

C90/C270: —————

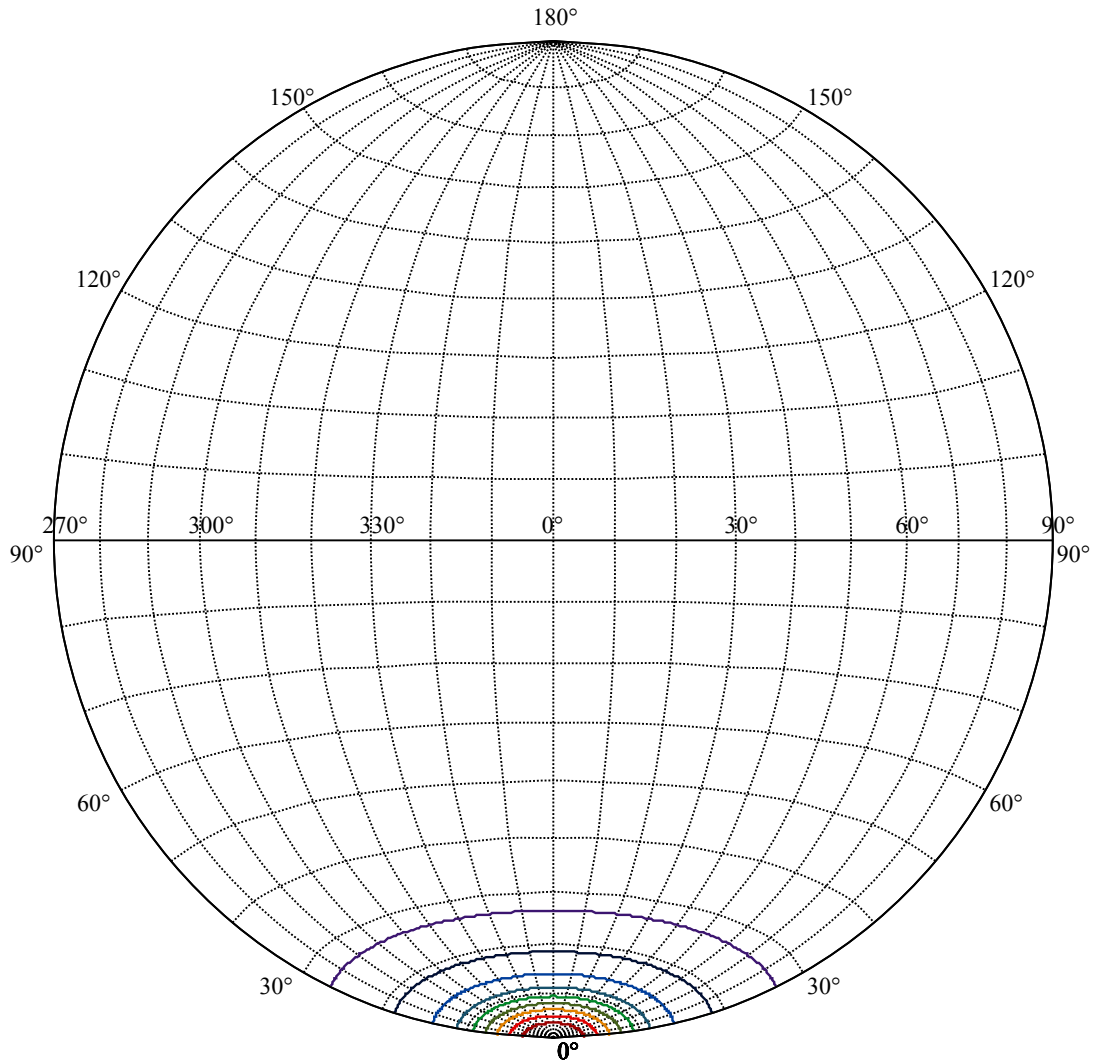
Field angle(10%Imax):C0/180Left:26.5 Right:26.5
:C90/270Left:26.5 Right:26.5

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





(10%Imax) 620.988	—
(20%Imax) 1241.98	—
(30%Imax) 1862.96	—
(40%Imax) 2483.95	—
(50%Imax) 3104.94	—
(60%Imax) 3725.93	—
(70%Imax) 4346.92	—
(80%Imax) 4967.91	—
(90%Imax) 5588.89	—



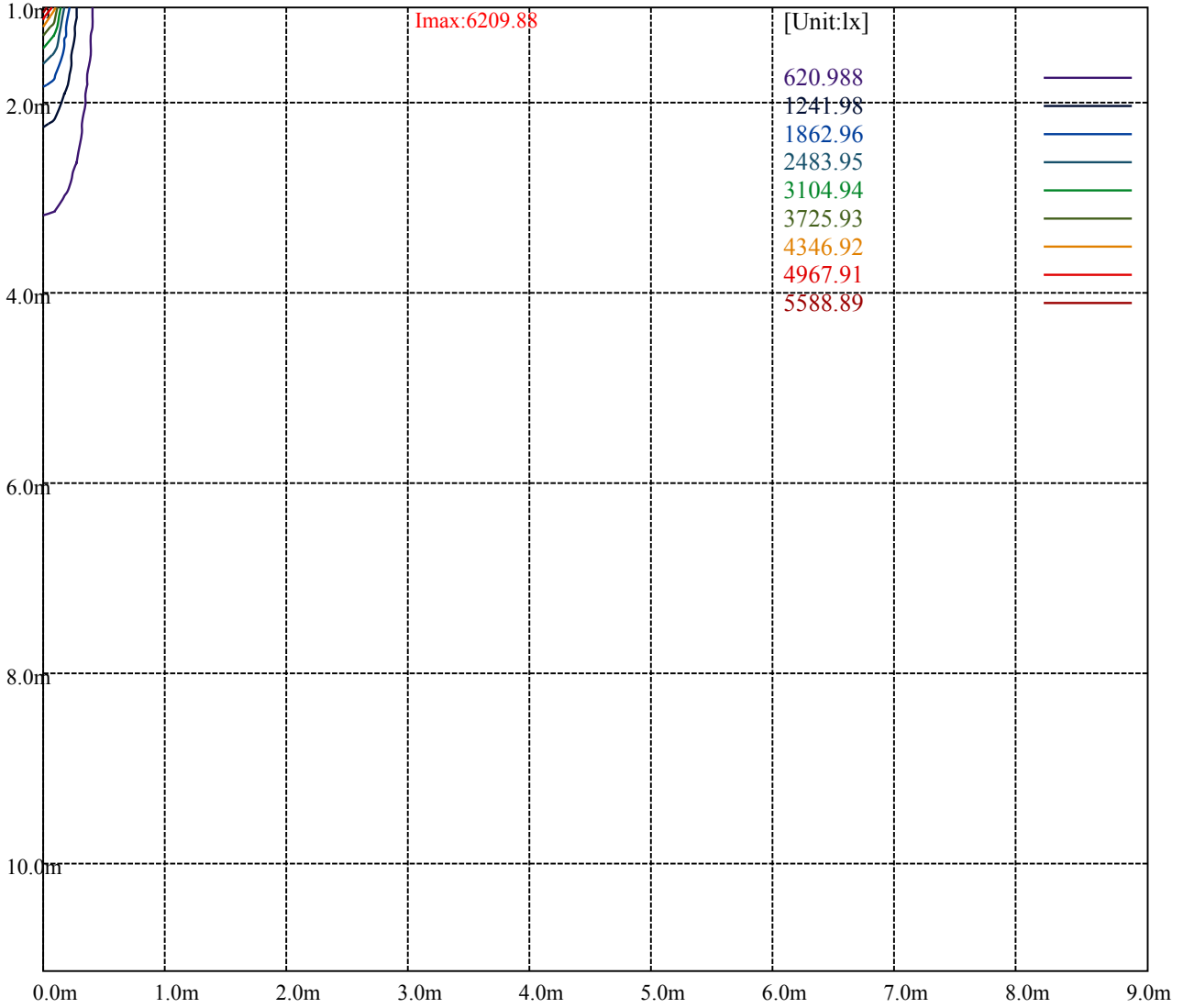
House

[Unit:cd]

Road

Imax:6209.88

(10%Imax) 620.988	—
(20%Imax) 1241.98	—
(30%Imax) 1862.96	—
(40%Imax) 2483.95	—
(50%Imax) 3104.94	—
(60%Imax) 3725.93	—
(70%Imax) 4346.92	—
(80%Imax) 4967.91	—
(90%Imax) 5588.89	—



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

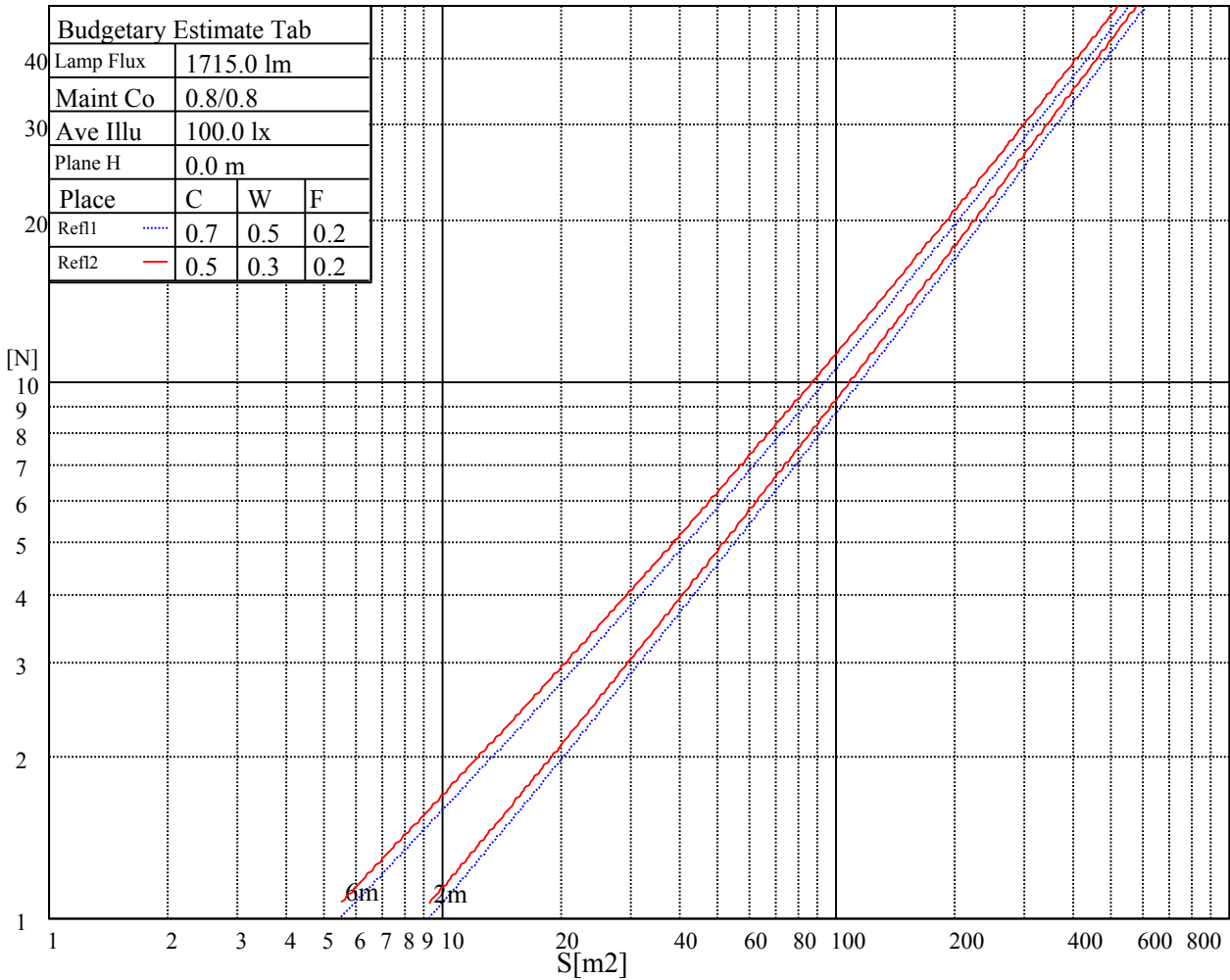
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

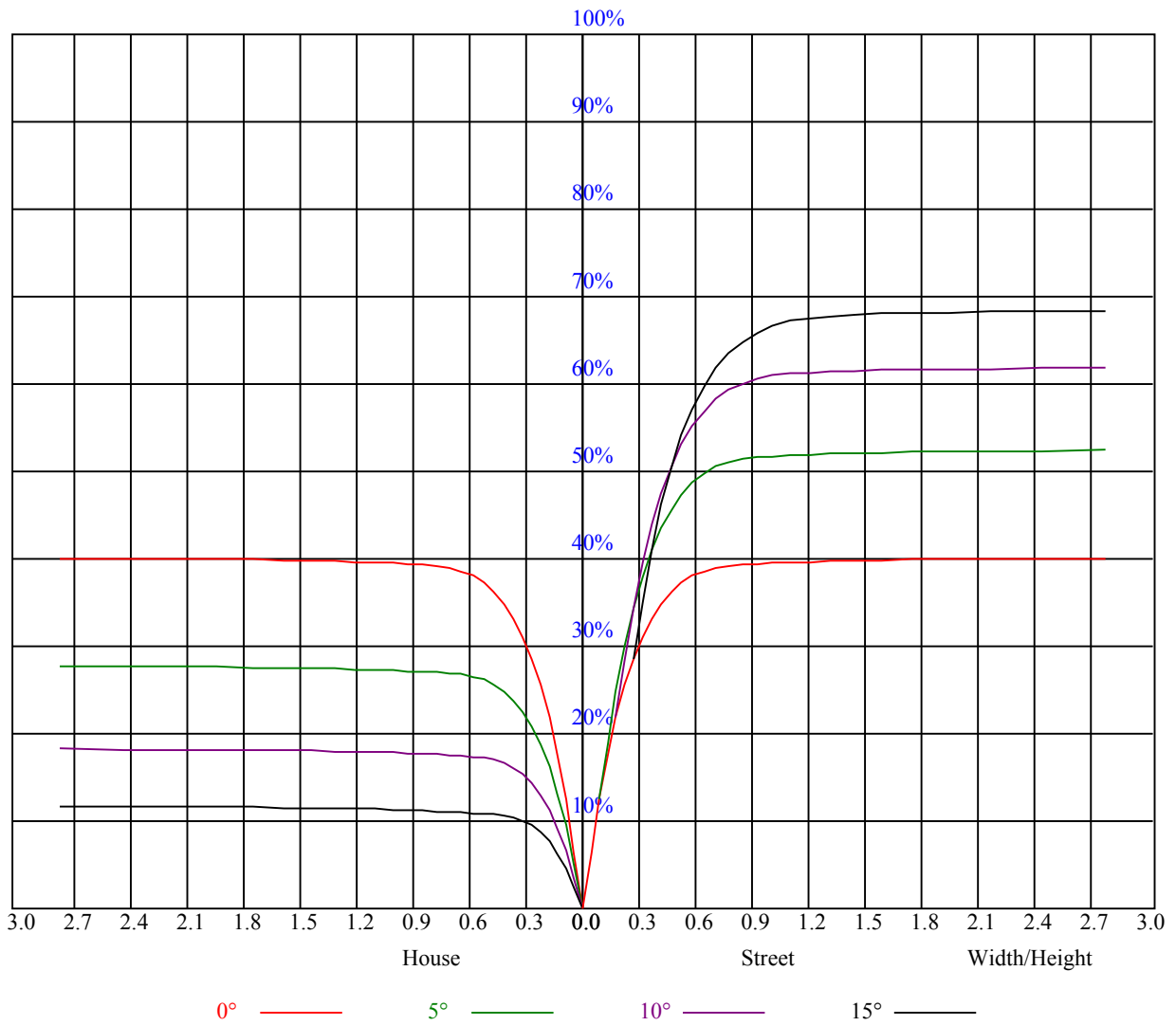


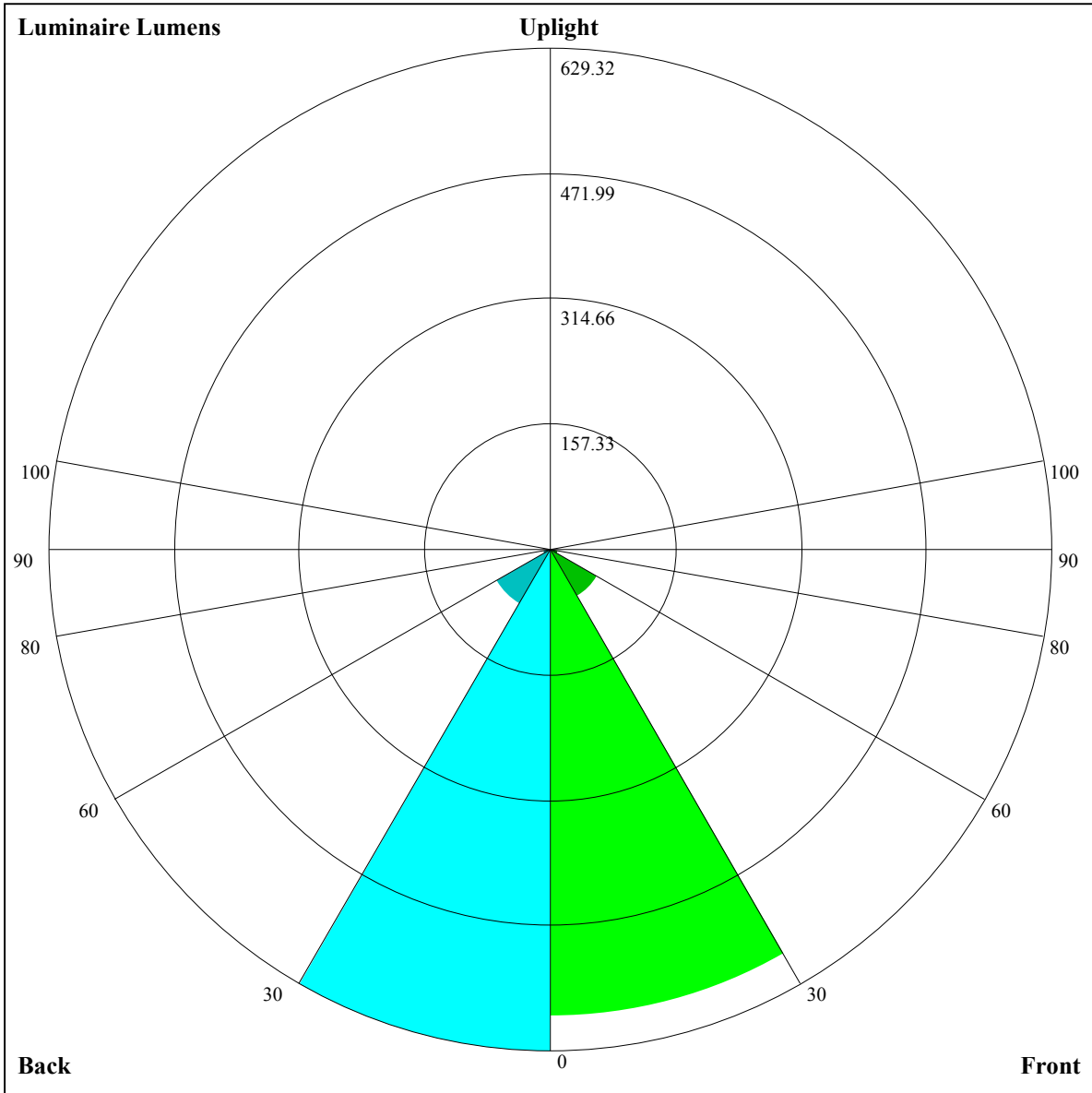
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	0.96	0.96	0.96	0.94	0.94	0.94	0.90	0.90	0.90	0.86	0.86	0.86	0.82	0.82	0.82	0.81
1	0.90	0.89	0.87	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.77
2	0.85	0.83	0.80	0.84	0.81	0.79	0.81	0.79	0.78	0.79	0.77	0.76	0.77	0.76	0.74	0.73
3	0.81	0.78	0.75	0.80	0.77	0.74	0.78	0.75	0.73	0.76	0.74	0.72	0.74	0.72	0.71	0.70
4	0.77	0.73	0.71	0.76	0.73	0.70	0.75	0.72	0.69	0.73	0.71	0.69	0.72	0.70	0.68	0.67
5	0.74	0.70	0.67	0.73	0.69	0.67	0.72	0.69	0.66	0.70	0.68	0.66	0.69	0.67	0.65	0.64
6	0.71	0.67	0.64	0.70	0.66	0.64	0.69	0.66	0.63	0.68	0.65	0.63	0.67	0.64	0.62	0.62
7	0.68	0.64	0.61	0.67	0.64	0.61	0.66	0.63	0.61	0.65	0.63	0.60	0.65	0.62	0.60	0.59
8	0.65	0.61	0.59	0.65	0.61	0.59	0.64	0.61	0.58	0.63	0.60	0.58	0.63	0.60	0.58	0.57
9	0.63	0.59	0.57	0.63	0.59	0.56	0.62	0.59	0.56	0.61	0.58	0.56	0.61	0.58	0.56	0.55
10	0.61	0.57	0.55	0.60	0.57	0.54	0.60	0.57	0.54	0.59	0.56	0.54	0.59	0.56	0.54	0.53





Luminaire Lumens:

FL=585.42,FM=67.97,FH=9.17,FVH=3.52

BL=629.32,BM=78.42,BH=9.34,BVH=3.54

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	6180.03	6029.63	5804.91	5398.17	5001.39	4555.45	4003.00	3556.47	3155.01
45.0	6220.42	6228.61	6133.22	5967.01	5615.88	5257.72	4836.94	4288.00	3854.35
90.0	6231.53	6132.63	5953.55	5693.71	5355.45	4848.06	4428.46	3996.56	3570.52
135.0	6207.54	6239.73	6205.78	6082.89	5801.98	5490.05	5117.85	4719.31	4180.91
180.0	6180.03	6233.29	6174.77	6029.63	5804.32	5436.21	5077.47	4657.86	4216.60
225.0	6220.42	6085.81	5889.18	5628.17	5296.34	4800.07	4368.76	3914.04	3359.25
270.0	6231.53	6205.78	6068.84	5861.67	5572.57	5128.97	4718.73	4259.91	3684.64
315.0	6207.54	6020.27	5781.50	5465.47	4979.74	4540.23	3970.22	3512.58	3098.82
360.0	6180.03	6029.63	5804.91	5398.17	5001.39	4555.45	4003.00	3556.47	3155.01
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	2726.04	2450.98	2227.42	2036.64	1834.74	1696.63	1564.36	1443.81	1157.69
45.0	3442.35	2980.61	2667.51	2352.66	2150.76	1970.51	1814.26	1635.76	1502.33
90.0	3183.10	2765.25	2488.44	2262.54	2023.18	1868.68	1691.36	1557.34	1436.20
135.0	3746.67	3335.26	2886.39	2590.26	2343.88	2090.48	1916.67	1765.10	1590.70
180.0	3662.40	3248.06	2878.78	2508.33	2269.56	2022.60	1858.73	1711.26	1577.83
225.0	2969.49	2650.54	2322.82	2110.97	1933.64	1738.76	1604.16	1478.34	1293.41
270.0	3265.03	2895.17	2582.07	2319.89	2057.71	1883.31	1728.81	1558.51	1431.52
315.0	2670.44	2404.75	2181.19	1993.33	1789.68	1650.39	1517.55	1395.82	1167.11
360.0	2726.04	2450.98	2227.42	2036.64	1834.74	1696.63	1564.36	1443.81	1157.69
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1157.69	1114.62	1006.88	930.57	857.41	771.27	708.36	649.31	579.02
45.0	1388.80	1286.38	1166.41	1077.46	999.04	901.89	829.32	764.95	686.53
90.0	1161.03	1161.03	1116.20	1038.19	939.58	864.20	795.03	730.65	657.73
135.0	1467.80	1358.37	1258.29	1145.34	1062.24	983.82	909.50	818.20	753.83
180.0	1425.08	1317.99	1221.42	1130.13	1028.30	951.63	872.04	789.53	721.06
225.0	1165.94	1146.63	1060.08	979.14	887.20	817.09	751.90	676.52	618.76
270.0	1318.57	1197.43	1111.40	1009.57	928.81	852.15	787.19	707.60	646.15
315.0	1167.11	1076.76	994.77	899.49	830.32	747.57	685.47	625.61	554.27
360.0	1157.69	1114.62	1006.88	930.57	857.41	771.27	708.36	649.31	579.02
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	522.61	465.72	397.31	344.93	294.02	246.61	193.01	155.03	122.55
45.0	626.25	570.07	501.01	444.83	388.65	335.98	297.35	297.35	183.99
90.0	601.08	544.03	488.60	419.61	364.48	312.45	252.35	208.46	158.60
135.0	691.79	619.81	565.97	495.74	441.90	385.14	331.88	305.55	305.55
180.0	662.53	591.72	536.71	480.53	408.55	355.88	303.21	303.21	195.23
225.0	563.10	494.28	439.21	384.38	317.66	267.68	221.45	179.43	133.55
270.0	589.38	533.20	464.14	409.13	352.36	302.03	302.03	194.65	149.17
315.0	495.92	440.44	383.03	315.55	266.45	221.33	180.19	136.18	106.92
360.0	522.61	465.72	397.31	344.93	294.02	246.61	193.01	155.03	122.55
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	95.63	69.70	54.43	41.20	34.65	30.26	26.74	24.93	23.58
45.0	147.18	108.38	83.57	64.26	47.58	38.57	31.31	27.62	25.05
90.0	124.24	96.15	69.12	53.67	42.60	35.00	29.96	25.98	23.88
135.0	175.80	138.52	99.96	76.14	58.52	46.06	35.82	30.96	26.98
180.0	155.79	120.97	88.02	67.13	51.56	40.38	31.54	27.21	24.35
225.0	103.23	79.18	57.29	44.77	36.17	29.50	26.22	23.88	21.89
270.0	117.22	89.60	65.66	51.38	40.91	32.83	28.85	26.10	23.99
315.0	82.98	60.22	47.29	37.92	30.26	26.51	24.05	21.89	20.54
360.0	95.63	69.70	54.43	41.20	34.65	30.26	26.74	24.93	23.58

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	22.59	21.54	20.83	20.07	19.31	18.43	17.67	16.97	16.09
45.0	23.23	21.48	20.31	19.37	18.61	17.67	17.09	16.44	15.92
90.0	22.18	20.66	19.66	18.90	17.97	17.38	16.68	16.15	15.63
135.0	24.93	23.41	22.00	21.13	20.31	19.37	18.73	18.02	17.44
180.0	21.83	20.42	19.02	18.20	17.44	16.85	16.15	15.63	15.16
225.0	20.72	19.78	18.84	18.20	17.62	17.09	16.39	15.86	15.33
270.0	22.47	20.95	19.96	19.08	18.08	17.38	16.68	15.86	15.27
315.0	19.55	18.43	17.73	17.03	16.44	15.68	15.16	14.69	14.22
360.0	22.59	21.54	20.83	20.07	19.31	18.43	17.67	16.97	16.09
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	15.45	14.92	14.28	13.87	13.46	13.05	12.70	12.29	11.88
45.0	15.27	14.81	14.28	13.93	13.64	13.28	12.99	12.70	12.23
90.0	15.16	14.63	14.28	13.99	13.64	13.40	12.99	12.70	12.17
135.0	16.68	16.09	15.51	15.04	14.40	13.99	13.58	13.11	12.76
180.0	14.75	14.22	13.87	13.58	13.23	12.87	12.64	12.35	12.00
225.0	14.92	14.40	13.99	13.69	13.23	12.87	12.47	12.11	11.76
270.0	14.63	14.16	13.75	13.40	12.99	12.70	12.41	12.11	11.82
315.0	13.69	13.34	12.93	12.70	12.41	12.06	11.82	11.47	11.18
360.0	15.45	14.92	14.28	13.87	13.46	13.05	12.70	12.29	11.88
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	11.29	10.83	10.36	9.83	9.25	8.95	8.60	8.43	8.25
45.0	11.88	11.41	10.89	10.24	9.66	9.19	8.90	8.54	8.31
90.0	11.70	11.24	10.59	10.07	9.54	9.01	8.72	8.43	8.25
135.0	12.23	11.76	11.35	10.89	10.30	9.77	9.31	8.90	8.60
180.0	11.65	11.18	10.77	10.36	9.77	9.31	8.95	8.60	8.31
225.0	11.35	10.77	10.24	9.77	9.31	8.84	8.54	8.31	8.08
270.0	11.35	10.94	10.48	9.95	9.54	9.01	8.66	8.43	8.19
315.0	10.71	10.30	9.83	9.36	8.84	8.54	8.37	8.13	7.96
360.0	11.29	10.83	10.36	9.83	9.25	8.95	8.60	8.43	8.25
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	8.02	7.90	7.78	7.61	7.49	7.37	7.20	7.08	6.96
45.0	8.13	7.90	7.78	7.61	7.49	7.37	7.26	7.14	6.96
90.0	8.02	7.90	7.72	7.61	7.49	7.32	7.26	7.08	6.96
135.0	8.37	8.19	8.02	7.84	7.72	7.61	7.43	7.32	7.20
180.0	8.08	7.96	7.78	7.67	7.55	7.37	7.26	7.14	7.02
225.0	7.90	7.78	7.61	7.49	7.37	7.20	7.08	6.96	6.85
270.0	8.02	7.90	7.72	7.55	7.43	7.32	7.20	7.02	6.91
315.0	7.78	7.67	7.55	7.37	7.32	7.14	7.02	6.91	6.79
360.0	8.02	7.90	7.78	7.61	7.49	7.37	7.20	7.08	6.96
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	6.85	6.79	6.61	6.50	6.44	6.32	6.26	6.44	6.09
45.0	6.91	6.79	6.67	6.55	6.50	6.32	6.26	6.14	6.26
90.0	6.85	6.79	6.67	6.55	6.44	6.32	6.20	6.14	6.03
135.0	7.02	6.91	6.79	6.67	6.55	6.44	6.38	6.26	6.20
180.0	6.91	6.79	6.67	6.61	6.50	6.38	6.32	6.20	6.20
225.0	6.73	6.67	6.55	6.44	6.38	6.26	6.20	6.32	5.97
270.0	6.85	6.79	6.61	6.55	6.44	6.38	6.20	6.14	5.97
315.0	6.73	6.67	6.50	6.44	6.38	6.26	6.14	6.03	6.03
360.0	6.85	6.79	6.61	6.50	6.44	6.32	6.26	6.44	6.09

Intensity data(cd)

C/γ(°)	90.0
0.0	6.32
45.0	5.97
90.0	5.97
135.0	6.20
180.0	6.03
225.0	5.97
270.0	5.97
315.0	6.09
360.0	6.32