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NT

Client:

LumCAT: 1-1302-L

Luminaire: 92.70.427.00

Report No: 2024617-B015

Ballast type: AC

Test No: 2024717-C015

Voltage(V): 0.000

LampCAT: CITIZEN CLU028 LES9.8

Current(A): 0.000

Lamp flux(lm): 1630.0

Power (W): 0.000

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1523.53, Efficiency(%): 93.47% , Luminous Efficacy(lm/W): 0.00

Central intensity(cd): 2948.568, Maximum intensity(cd): 2948.568

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=42.2

[C90/270]Total=42.2

Field angle(10%Imax): [C0/180]Total=65.6

[C90/270]Total=65.6

Maximum s/h(1/2): C0_180=0.69 C90_270=0.69

Maximum s/h(1/4): C0_180=0.66 C90_270=0.66

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 93.47%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.960%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/7/17
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	2948.568	0.000	0	0.00%	0.00%
1.0	2937.156	2.816	2.816	0.17%	0.18%
2.0	2914.772	8.399	11.215	0.52%	0.74%
3.0	2897.946	13.902	25.118	0.85%	1.65%
4.0	2883.096	19.351	44.469	1.19%	2.92%
5.0	2853.323	24.678	69.146	1.51%	4.54%
6.0	2808.773	29.756	98.902	1.83%	6.49%
7.0	2763.930	34.590	133.492	2.12%	8.76%
8.0	2716.454	39.222	172.714	2.41%	11.34%
9.0	2667.441	43.634	216.347	2.68%	14.20%
10.0	2609.723	47.756	264.104	2.93%	17.34%
11.0	2546.372	51.520	315.624	3.16%	20.72%
12.0	2465.685	54.789	370.413	3.36%	24.31%
13.0	2386.679	57.585	427.998	3.53%	28.09%
14.0	2297.871	59.962	487.96	3.68%	32.03%
15.0	2203.431	61.796	549.756	3.79%	36.08%
16.0	2093.555	62.963	612.719	3.86%	40.22%
17.0	1982.508	63.475	676.194	3.89%	44.38%
18.0	1868.389	63.493	739.687	3.90%	48.55%
19.0	1747.540	62.910	802.597	3.86%	52.68%
20.0	1617.474	61.589	864.186	3.78%	56.72%
21.0	1493.480	59.737	923.922	3.66%	60.64%
22.0	1292.960	55.995	979.917	3.44%	64.32%
23.0	1232.462	52.990	1032.907	3.25%	67.80%
24.0	1126.302	51.571	1084.478	3.16%	71.18%
25.0	1010.793	48.593	1133.071	2.98%	74.37%
26.0	900.844	45.124	1178.196	2.77%	77.33%
27.0	791.912	41.414	1219.609	2.54%	80.05%
28.0	688.071	37.470	1257.079	2.30%	82.51%
29.0	592.431	33.502	1290.581	2.06%	84.71%
30.0	504.896	29.628	1320.208	1.82%	86.65%
31.0	422.562	25.810	1346.018	1.58%	88.35%
32.0	348.897	22.101	1368.12	1.36%	89.80%
33.0	285.180	18.680	1386.8	1.15%	91.03%
34.0	248.721	16.157	1402.957	0.99%	92.09%
35.0	211.361	14.288	1417.246	0.88%	93.02%
36.0	139.532	11.173	1428.418	0.69%	93.76%
37.0	107.316	8.051	1436.469	0.49%	94.29%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	84.265	6.395	1442.864	0.39%	94.71%
39.0	66.642	5.151	1448.014	0.32%	95.04%
40.0	54.170	4.214	1452.228	0.26%	95.32%
41.0	45.231	3.540	1455.768	0.22%	95.55%
42.0	39.371	3.074	1458.841	0.19%	95.75%
43.0	34.675	2.743	1461.584	0.17%	95.93%
44.0	31.558	2.500	1464.084	0.15%	96.10%
45.0	29.005	2.328	1466.411	0.14%	96.25%
46.0	27.001	2.190	1468.602	0.13%	96.39%
47.0	25.231	2.077	1470.679	0.13%	96.53%
48.0	23.753	1.980	1472.659	0.12%	96.66%
49.0	22.509	1.900	1474.559	0.12%	96.79%
50.0	21.492	1.835	1476.394	0.11%	96.91%
51.0	20.585	1.780	1478.174	0.11%	97.02%
52.0	19.773	1.732	1479.906	0.11%	97.14%
53.0	19.012	1.687	1481.593	0.10%	97.25%
54.0	18.383	1.648	1483.241	0.10%	97.36%
55.0	17.762	1.613	1484.855	0.10%	97.46%
56.0	17.213	1.580	1486.435	0.10%	97.57%
57.0	16.672	1.549	1487.984	0.10%	97.67%
58.0	16.152	1.518	1489.502	0.09%	97.77%
59.0	15.633	1.486	1490.988	0.09%	97.86%
60.0	15.113	1.453	1492.441	0.09%	97.96%
61.0	14.616	1.419	1493.859	0.09%	98.05%
62.0	14.097	1.384	1495.243	0.08%	98.14%
63.0	13.592	1.347	1496.59	0.08%	98.23%
64.0	13.116	1.311	1497.9	0.08%	98.32%
65.0	12.677	1.277	1499.177	0.08%	98.40%
66.0	12.209	1.242	1500.418	0.08%	98.48%
67.0	11.778	1.206	1501.625	0.07%	98.56%
68.0	11.397	1.174	1502.798	0.07%	98.64%
69.0	11.031	1.144	1503.943	0.07%	98.71%
70.0	10.761	1.119	1505.062	0.07%	98.79%
71.0	10.541	1.101	1506.163	0.07%	98.86%
72.0	10.300	1.084	1507.247	0.07%	98.93%
73.0	10.051	1.064	1508.311	0.07%	99.00%
74.0	9.839	1.046	1509.357	0.06%	99.07%
75.0	9.642	1.029	1510.386	0.06%	99.14%

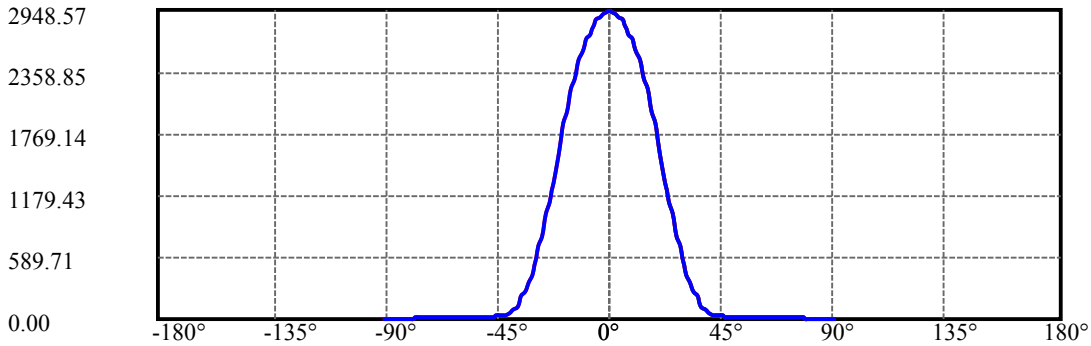
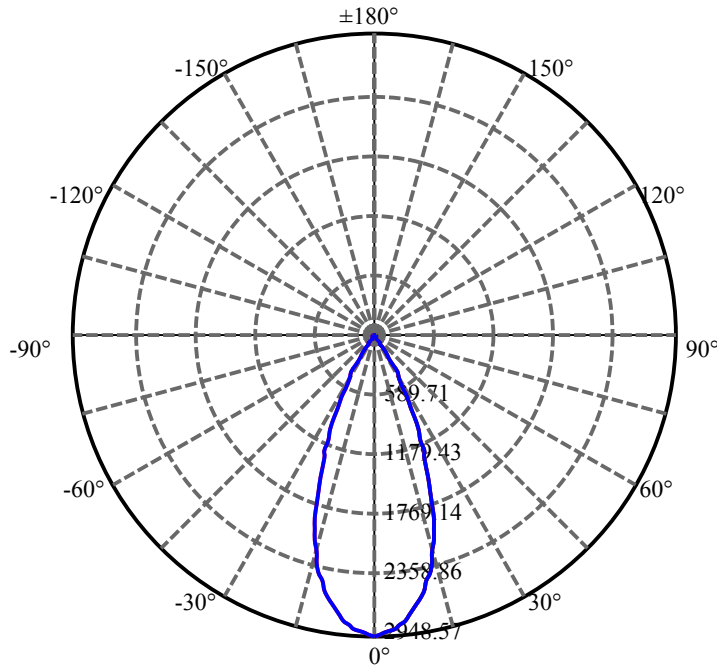
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	9.415	1.012	1511.397	0.06%	99.20%
77.0	9.217	0.993	1512.391	0.06%	99.27%
78.0	9.020	0.976	1513.367	0.06%	99.33%
79.0	8.793	0.957	1514.324	0.06%	99.40%
80.0	8.559	0.935	1515.26	0.06%	99.46%
81.0	8.369	0.915	1516.175	0.06%	99.52%
82.0	8.193	0.898	1517.073	0.06%	99.58%
83.0	7.981	0.879	1517.952	0.05%	99.63%
84.0	7.754	0.857	1518.81	0.05%	99.69%
85.0	7.549	0.835	1519.645	0.05%	99.75%
86.0	7.323	0.813	1520.458	0.05%	99.80%
87.0	7.147	0.792	1521.25	0.05%	99.85%
88.0	6.979	0.774	1522.023	0.05%	99.90%
89.0	6.854	0.758	1522.782	0.05%	99.95%
90.0	6.745	0.746	1523.527	0.05%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1320.21	80.99%	86.65%
0-40	1452.23	89.09%	95.32%
0-60	1492.44	91.56%	97.96%
0-90	1522.78	93.42%	99.95%
0-120	1522.78	93.42%	99.95%
0-180	1523.53	93.47%	100.00%
60-90	30.34	1.86%	1.99%
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%
0-26.98	1218.82	74.77%	80.00%

ZONAL LUMEN SUMMARY

0-10	264.10
10-20	600.08
20-30	456.02
30-40	132.02
40-50	24.17
50-60	16.05
60-70	12.62
70-80	10.20
80-90	7.52
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



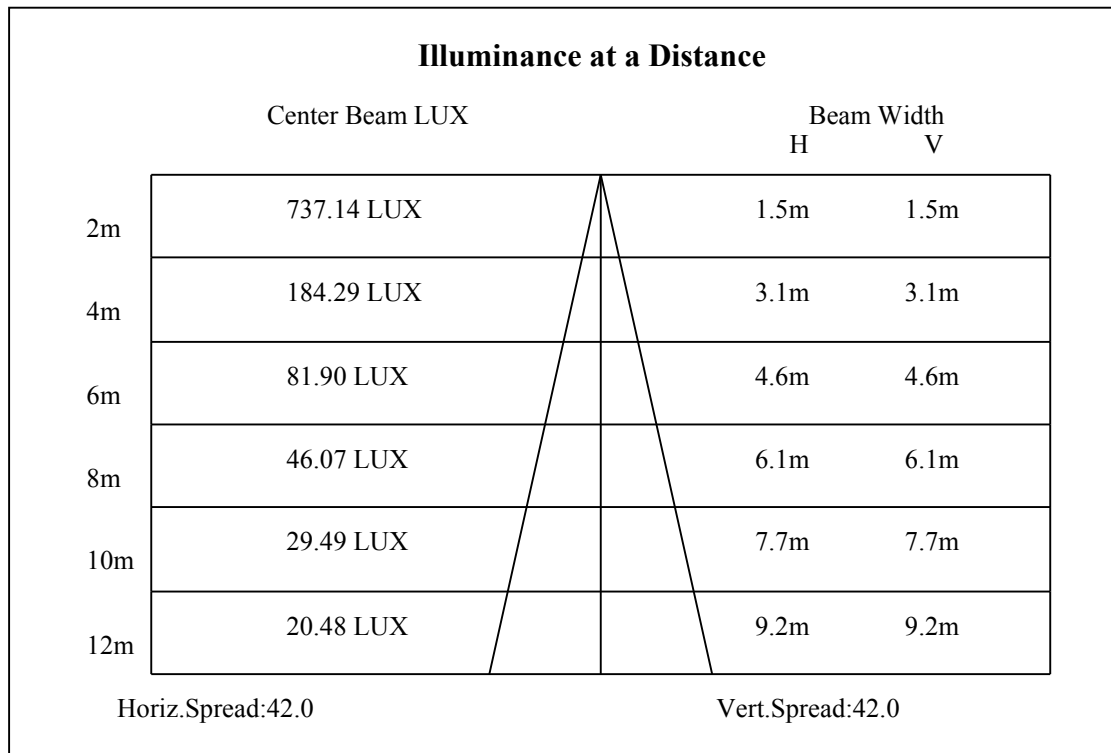
C0(Max): —————

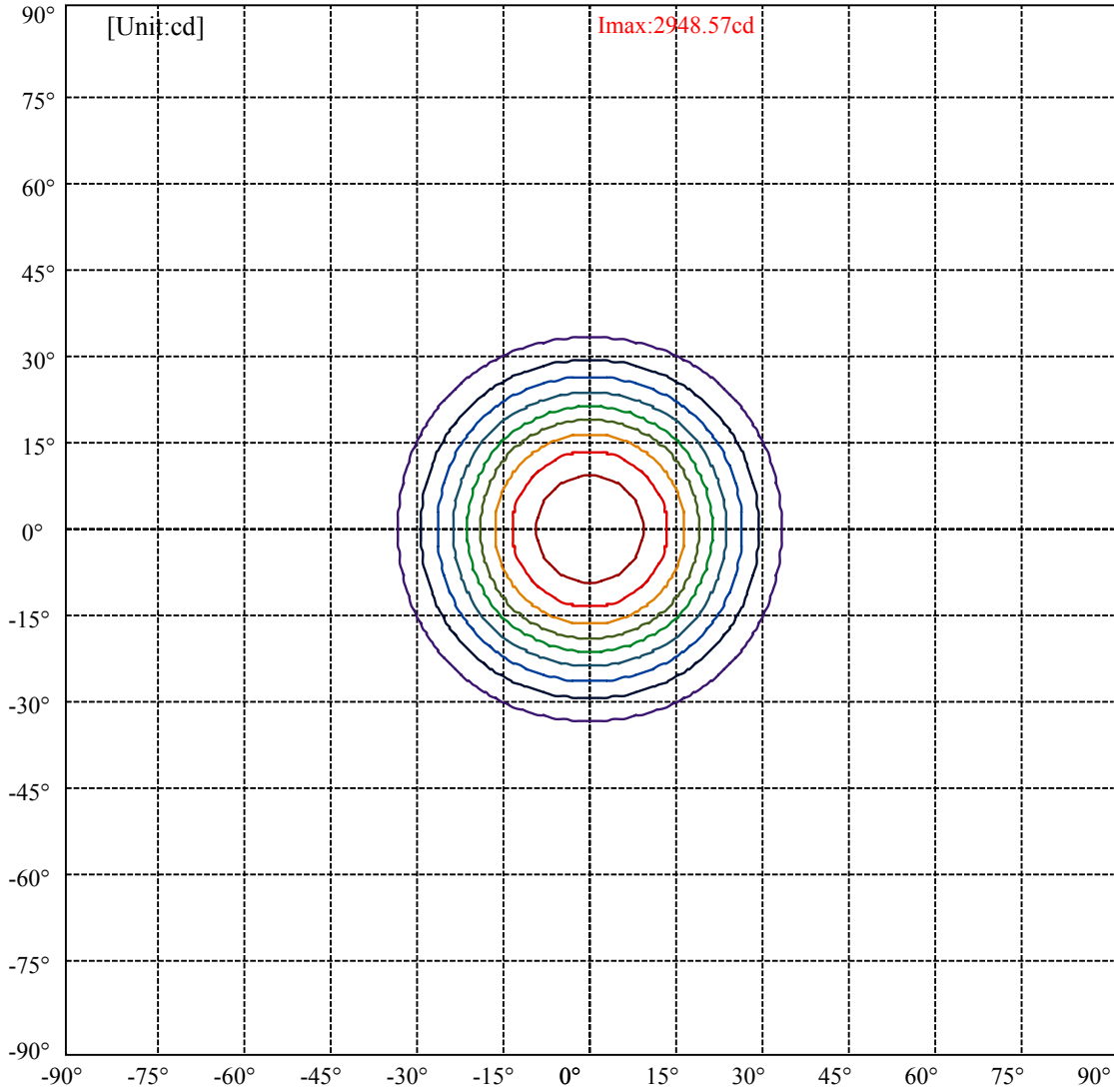
C0/C180: —————

C90/C270: —————

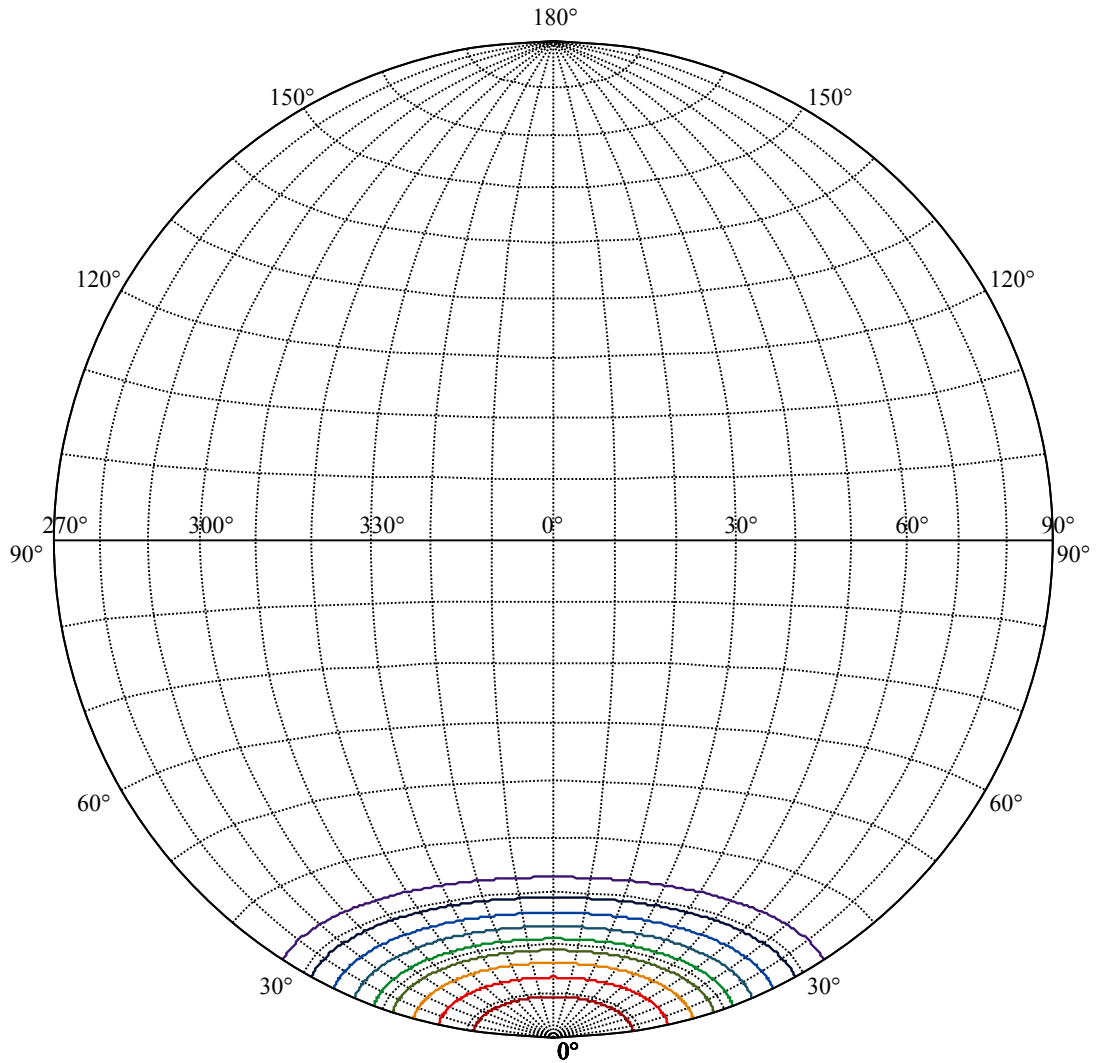
Field angle(10%Imax):C0/180Left:32.8 Right:32.8
:C90/270Left:32.8 Right:32.8

Beam Angle(50%Imax):C0/180Left:21.1 Right:21.1
:C90/270Left:21.1 Right:21.1





(10%Imax) 294.857	—
(20%Imax) 589.714	—
(30%Imax) 884.57	—
(40%Imax) 1179.43	—
(50%Imax) 1474.28	—
(60%Imax) 1769.14	—
(70%Imax) 2064	—
(80%Imax) 2358.85	—
(90%Imax) 2653.71	—



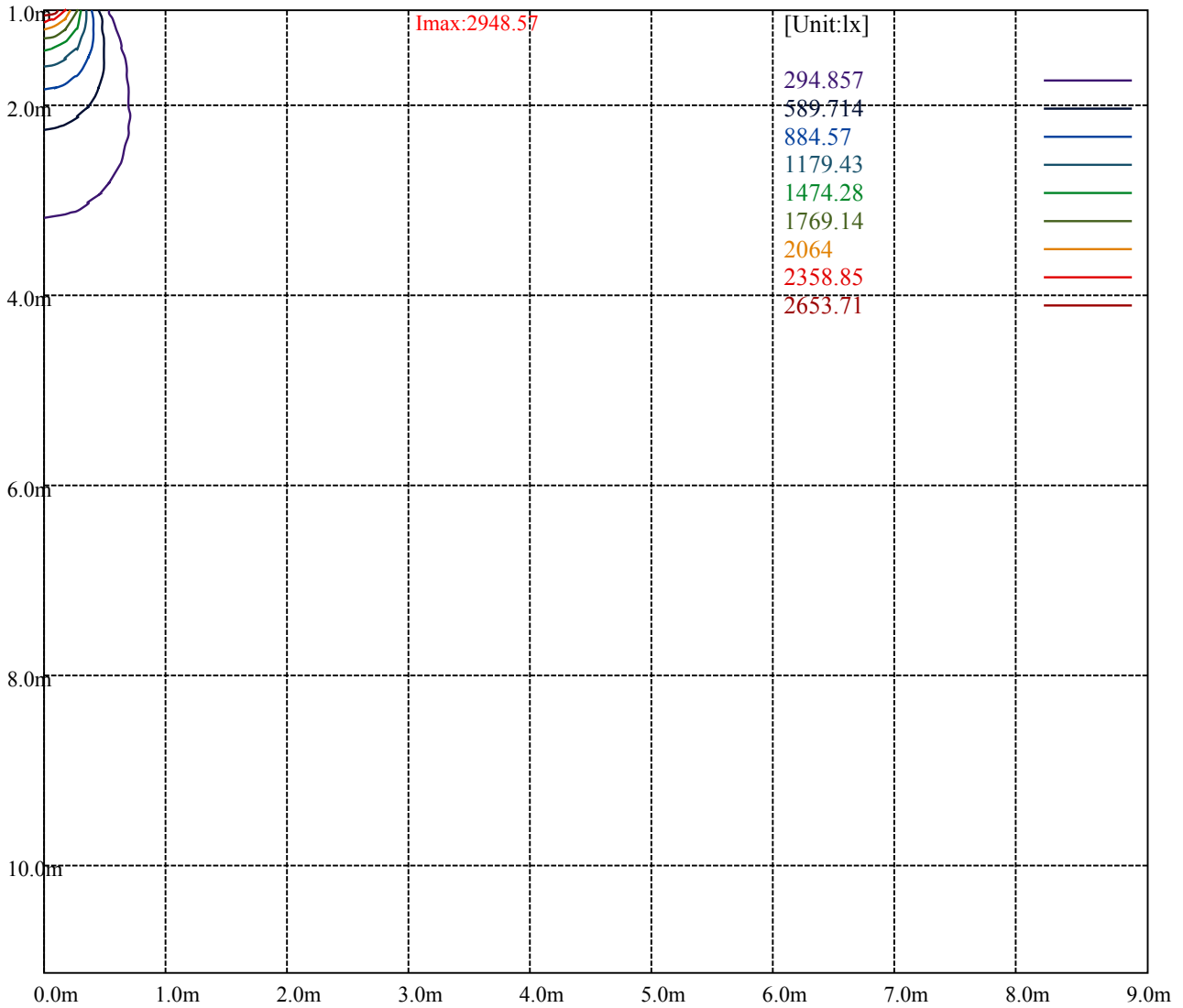
House

[Unit:cd]

Road

Imax:2948.57

(10%Imax) 294.857	—
(20%Imax) 589.714	—
(30%Imax) 884.57	—
(40%Imax) 1179.43	—
(50%Imax) 1474.28	—
(60%Imax) 1769.14	—
(70%Imax) 2064	—
(80%Imax) 2358.85	—
(90%Imax) 2653.71	—



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

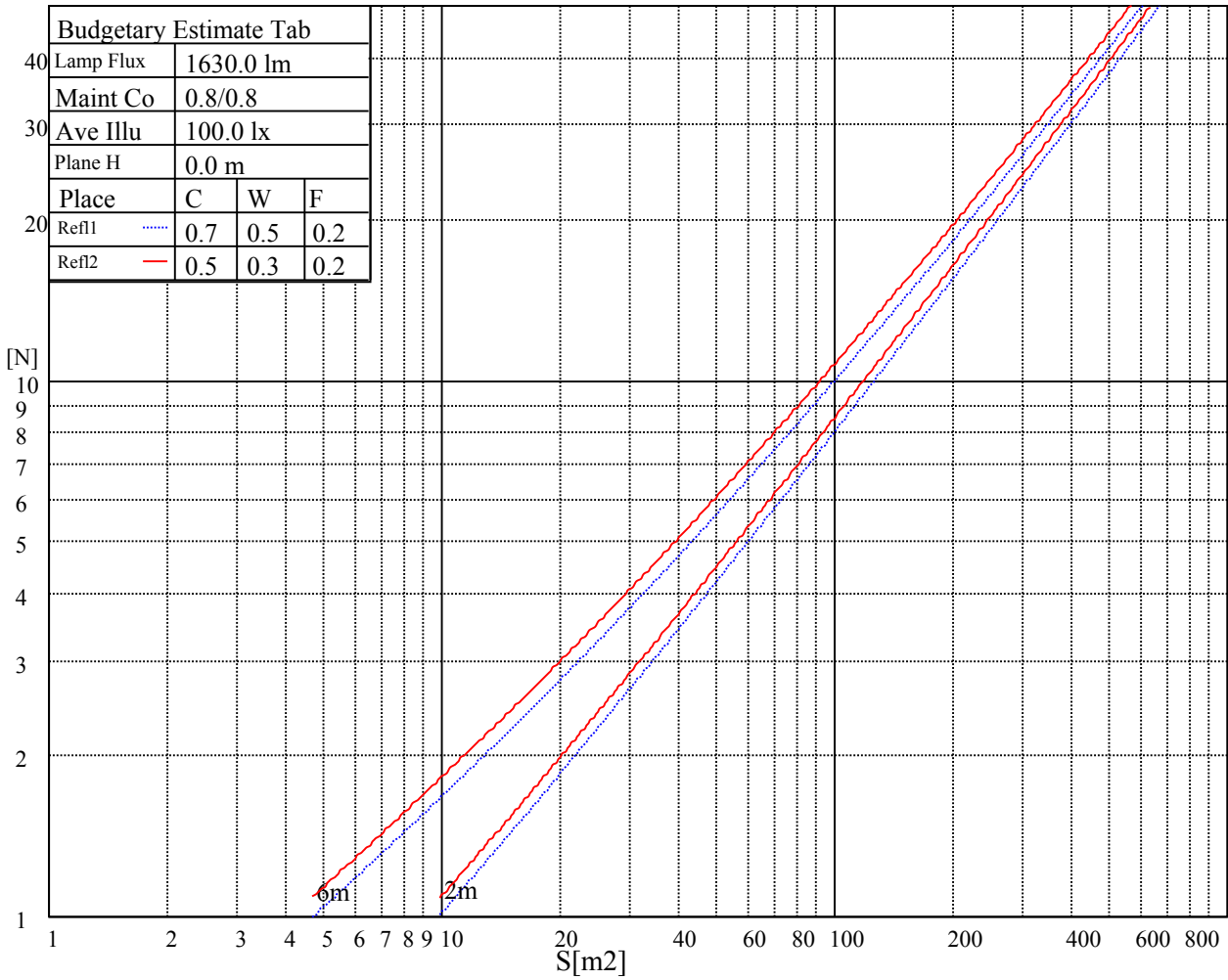
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

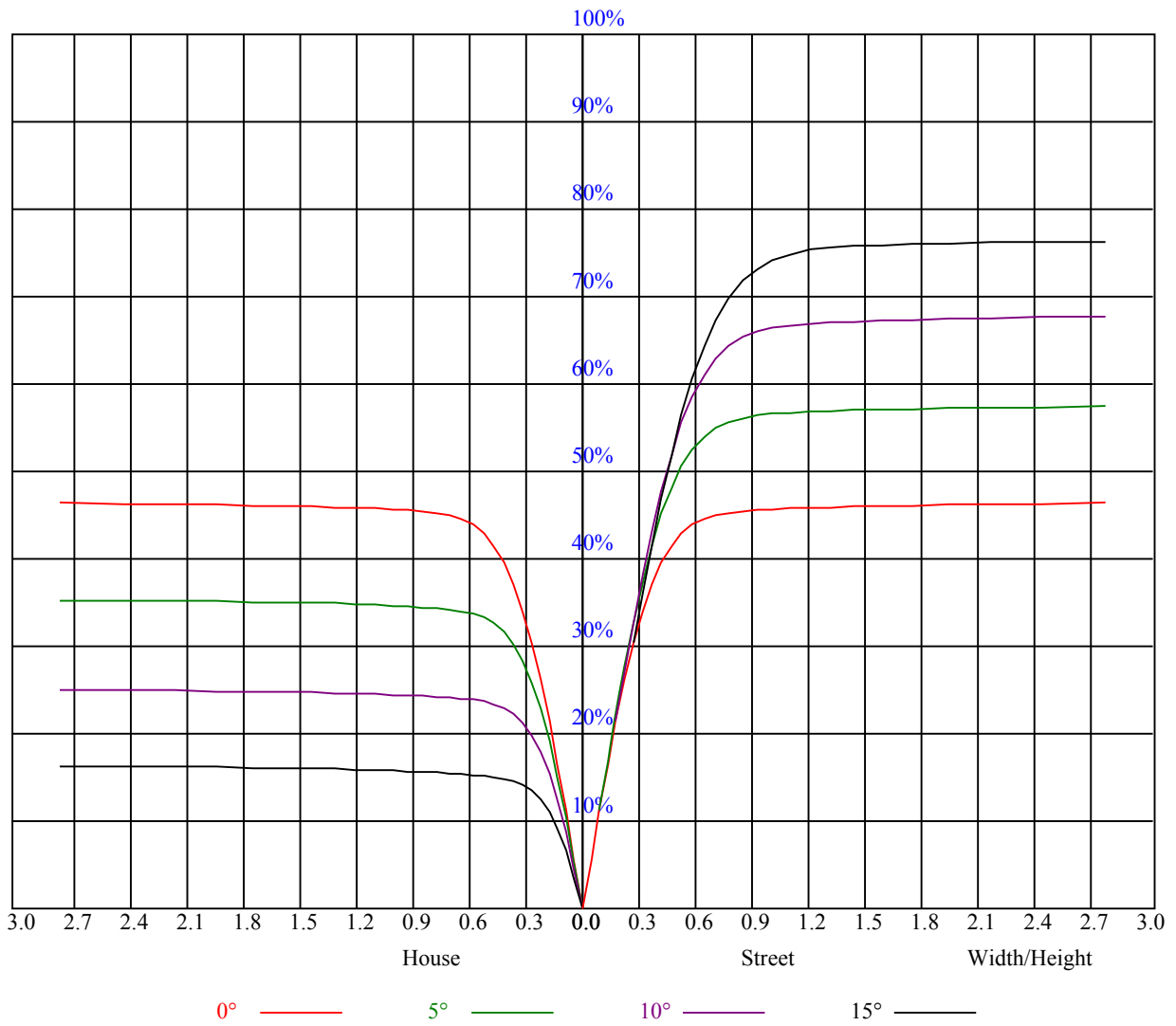


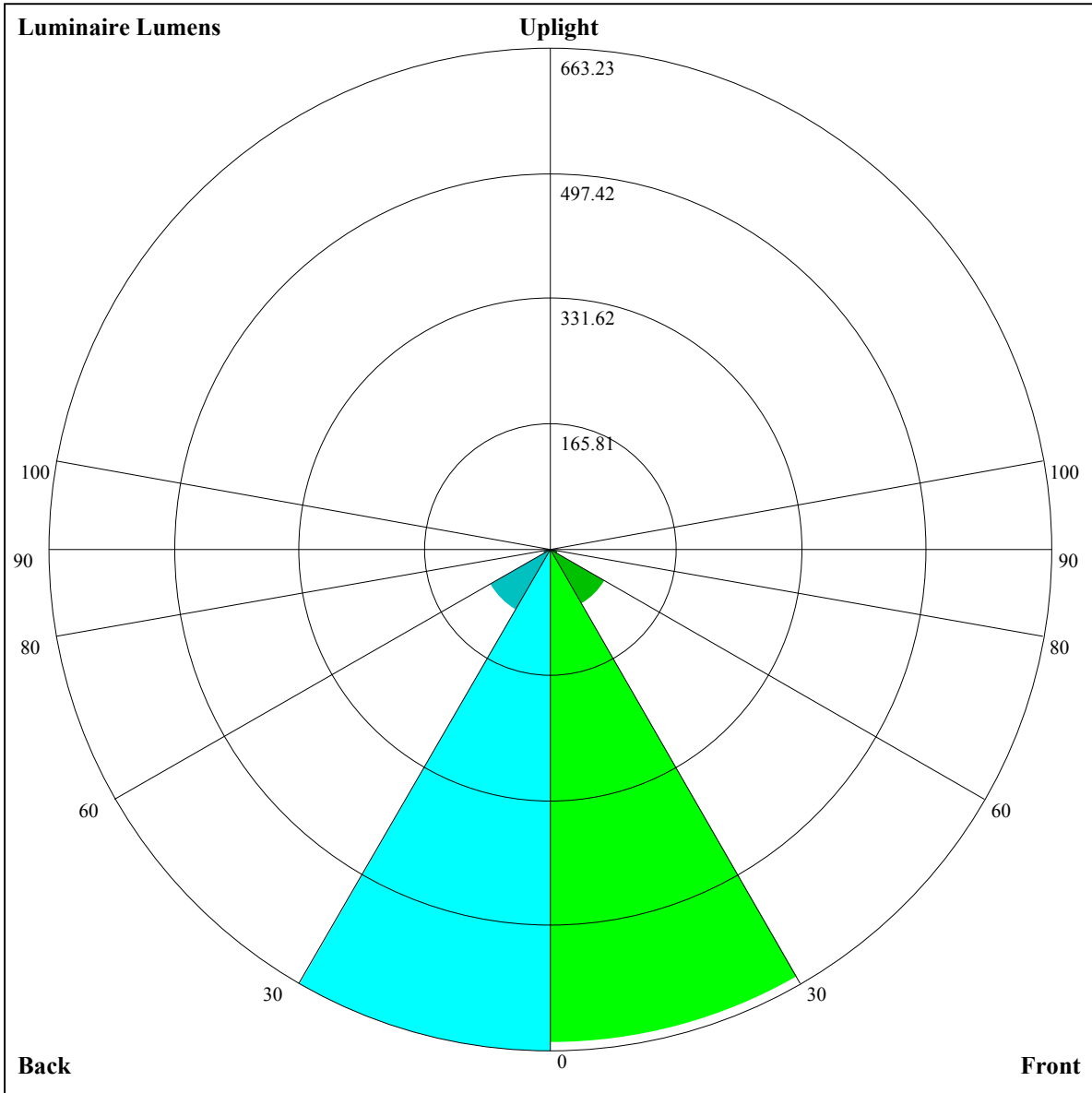
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.11	1.11	1.11	1.09	1.09	1.09	1.04	1.04	1.04	0.99	0.99	0.99	0.95	0.95	0.95	0.93
1	1.04	1.02	1.00	1.02	1.00	0.98	0.98	0.97	0.95	0.95	0.93	0.92	0.92	0.91	0.90	0.88
2	0.98	0.94	0.91	0.96	0.93	0.90	0.93	0.90	0.88	0.90	0.88	0.86	0.88	0.86	0.85	0.83
3	0.92	0.88	0.85	0.91	0.87	0.84	0.88	0.85	0.83	0.86	0.84	0.81	0.84	0.82	0.80	0.79
4	0.87	0.83	0.79	0.86	0.82	0.79	0.84	0.81	0.78	0.82	0.79	0.77	0.81	0.78	0.76	0.75
5	0.83	0.78	0.74	0.82	0.77	0.74	0.80	0.76	0.73	0.79	0.75	0.73	0.77	0.74	0.72	0.71
6	0.79	0.74	0.70	0.78	0.73	0.70	0.77	0.73	0.70	0.75	0.72	0.69	0.74	0.71	0.69	0.67
7	0.75	0.70	0.67	0.74	0.70	0.66	0.73	0.69	0.66	0.72	0.69	0.66	0.71	0.68	0.65	0.64
8	0.72	0.67	0.63	0.71	0.67	0.63	0.70	0.66	0.63	0.69	0.66	0.63	0.68	0.65	0.63	0.61
9	0.69	0.64	0.61	0.68	0.64	0.60	0.67	0.63	0.60	0.67	0.63	0.60	0.66	0.62	0.60	0.59
10	0.66	0.61	0.58	0.65	0.61	0.58	0.65	0.60	0.58	0.64	0.60	0.57	0.63	0.60	0.57	0.56





Luminaire Lumens:

FL=653.23,FM=83.03,FH=11.31,FVH=4.13

BL=663.23,BM=91.69,BH=11.46,BVH=4.12

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	2946.08	2923.84	2907.46	2890.48	2858.88	2832.55	2790.41	2748.28	2689.75
45.0	2942.57	2956.62	2926.77	2905.12	2906.29	2899.26	2861.22	2811.48	2767.59
90.0	2954.27	2927.35	2912.72	2911.55	2909.21	2870.59	2829.62	2791.58	2750.03
135.0	2951.35	2951.35	2928.52	2913.31	2912.72	2892.24	2867.08	2829.04	2788.07
180.0	2946.08	2941.98	2914.48	2896.92	2887.56	2862.39	2814.41	2775.78	2728.38
225.0	2942.57	2917.99	2894.58	2878.78	2848.93	2794.51	2733.64	2683.90	2635.33
270.0	2954.27	2952.52	2929.69	2894.00	2879.95	2857.13	2813.24	2756.47	2704.38
315.0	2951.35	2925.60	2903.94	2893.41	2861.22	2817.92	2760.56	2714.92	2668.10
360.0	2946.08	2923.84	2907.46	2890.48	2858.88	2832.55	2790.41	2748.28	2689.75

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	2638.25	2580.32	2514.77	2419.38	2338.62	2228.60	2141.40	2031.96	1896.19
45.0	2722.53	2681.56	2611.92	2548.71	2476.15	2405.33	2303.50	2211.04	2110.97
90.0	2707.89	2638.25	2579.73	2513.01	2432.25	2325.74	2236.20	2132.62	2022.60
135.0	2750.62	2707.89	2659.91	2580.32	2517.11	2444.54	2355.00	2230.35	2122.67
180.0	2668.68	2620.11	2564.51	2494.29	2398.90	2328.08	2252.00	2156.61	2040.74
225.0	2581.49	2497.80	2422.89	2340.37	2262.54	2153.69	2054.78	1932.47	1825.96
270.0	2663.42	2599.63	2539.35	2446.88	2369.63	2285.36	2196.99	2068.24	1965.24
315.0	2606.65	2552.22	2477.90	2382.51	2298.24	2211.62	2087.56	1985.14	1875.70
360.0	2638.25	2580.32	2514.77	2419.38	2338.62	2228.60	2141.40	2031.96	1896.19

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1793.77	1684.92	1570.22	1428.01	1142.77	1142.77	1089.05	955.32	852.44
45.0	1978.70	1864.59	1715.35	1593.63	1475.41	1354.27	1204.45	1087.99	977.97
90.0	1909.65	1754.56	1626.98	1467.80	1158.86	1158.86	1077.05	971.77	869.41
135.0	2015.57	1897.36	1746.37	1624.06	1463.12	1342.56	1222.01	1084.48	973.87
180.0	1933.06	1825.38	1686.09	1574.90	1429.76	1308.04	1204.45	1095.01	962.75
225.0	1721.21	1588.94	1481.26	1379.43	1150.96	1150.96	1049.02	946.60	848.93
270.0	1855.22	1739.93	1601.82	1484.77	1374.17	1253.61	1120.18	1004.89	906.57
315.0	1739.93	1624.64	1511.69	1395.23	1148.62	1148.62	1044.22	940.28	814.81
360.0	1793.77	1684.92	1570.22	1428.01	1142.77	1142.77	1089.05	955.32	852.44

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	751.25	633.80	545.66	463.44	369.86	301.33	244.80	184.11	144.49
45.0	877.90	748.56	657.85	570.07	488.72	395.67	314.91	300.28	300.28
90.0	747.39	656.10	570.42	489.89	398.42	333.29	275.41	224.32	168.90
135.0	868.53	766.70	653.75	571.24	494.57	422.01	343.00	301.45	301.45
180.0	864.44	757.92	667.80	558.95	475.85	401.52	335.39	304.96	304.96
225.0	727.08	634.91	549.18	448.87	377.18	312.16	240.82	193.65	153.09
270.0	782.50	685.36	581.19	503.94	431.95	343.00	298.52	298.52	182.71
315.0	716.20	621.22	513.59	432.77	343.94	282.20	228.59	182.47	135.01
360.0	751.25	633.80	545.66	463.44	369.86	301.33	244.80	184.11	144.49

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	112.48	88.37	66.89	55.01	46.64	40.50	35.11	31.89	28.91
45.0	163.92	120.50	93.64	73.09	58.17	45.65	38.86	33.94	30.20
90.0	133.02	104.11	77.83	61.98	48.81	41.67	36.28	31.60	28.79
135.0	175.51	138.87	109.26	86.67	66.36	52.96	45.53	40.20	36.11
180.0	167.55	124.54	99.25	75.49	61.51	51.56	44.30	38.16	34.65
225.0	114.65	92.52	75.20	59.28	50.10	43.66	38.80	34.41	31.72
270.0	143.32	105.75	84.45	68.30	56.36	45.94	40.26	35.23	32.42
315.0	105.81	83.86	67.59	53.31	45.41	39.91	35.82	31.95	29.67
360.0	112.48	88.37	66.89	55.01	46.64	40.50	35.11	31.89	28.91

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	26.92	25.28	23.53	22.41	21.42	20.37	19.66	19.02	18.49
45.0	26.92	24.76	22.94	21.07	19.90	18.84	17.79	17.09	16.39
90.0	26.51	24.46	22.88	21.24	20.19	19.25	18.49	17.62	16.97
135.0	32.48	30.20	28.32	26.69	24.93	23.76	22.71	21.77	20.78
180.0	32.07	29.90	27.74	26.22	24.87	23.58	22.59	21.71	20.72
225.0	29.61	27.80	25.87	24.64	23.35	22.47	21.59	20.60	19.90
270.0	30.14	27.74	26.04	24.64	23.23	22.36	21.54	20.72	19.78
315.0	27.39	25.87	24.52	23.12	22.18	21.30	20.31	19.66	19.08
360.0	26.92	25.28	23.53	22.41	21.42	20.37	19.66	19.02	18.49
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	17.91	17.32	16.85	16.39	15.80	15.39	14.98	14.51	14.16
45.0	15.92	15.51	15.16	14.75	14.46	14.16	13.93	13.58	13.34
90.0	16.33	15.86	15.39	14.92	14.57	14.16	13.81	13.40	13.05
135.0	20.07	19.14	18.43	17.85	17.09	16.50	15.92	15.33	14.57
180.0	19.96	19.20	18.55	17.91	17.38	16.62	16.04	15.51	14.92
225.0	19.31	18.67	17.91	17.26	16.74	16.15	15.51	14.92	14.34
270.0	19.08	18.55	18.08	17.44	16.85	16.39	15.57	15.04	14.40
315.0	18.49	17.85	17.32	16.85	16.33	15.68	15.16	14.63	13.99
360.0	17.91	17.32	16.85	16.39	15.80	15.39	14.98	14.51	14.16
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	13.58	13.11	12.70	12.29	11.88	11.59	11.35	11.12	10.89
45.0	13.05	12.64	12.29	11.94	11.59	11.35	11.00	10.77	10.53
90.0	12.76	12.35	12.00	11.65	11.35	11.00	10.77	10.53	10.30
135.0	14.10	13.64	13.11	12.58	12.11	11.70	11.18	10.89	10.65
180.0	14.28	13.75	13.28	12.87	12.23	11.82	11.35	11.06	10.83
225.0	13.64	13.11	12.64	12.06	11.59	11.12	10.71	10.48	10.30
270.0	13.81	13.46	12.99	12.41	12.06	11.59	11.12	10.77	10.53
315.0	13.52	12.87	12.41	11.88	11.41	11.00	10.77	10.48	10.30
360.0	13.58	13.11	12.70	12.29	11.88	11.59	11.35	11.12	10.89
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	10.65	10.42	10.24	10.01	9.77	9.54	9.36	9.13	8.90
45.0	10.36	10.12	9.83	9.66	9.48	9.31	9.07	8.84	8.66
90.0	10.07	9.77	9.60	9.42	9.25	9.01	8.90	8.66	8.37
135.0	10.42	10.18	9.95	9.71	9.54	9.36	9.19	8.95	8.72
180.0	10.53	10.30	10.07	9.89	9.60	9.42	9.25	9.01	8.72
225.0	10.07	9.77	9.60	9.42	9.19	8.95	8.72	8.54	8.31
270.0	10.30	10.01	9.83	9.66	9.36	9.19	8.95	8.72	8.49
315.0	10.01	9.83	9.60	9.36	9.13	8.95	8.72	8.49	8.31
360.0	10.65	10.42	10.24	10.01	9.77	9.54	9.36	9.13	8.90
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	8.72	8.54	8.37	8.13	7.96	7.72	7.49	7.26	7.02
45.0	8.43	8.25	8.02	7.78	7.55	7.37	7.14	7.02	6.91
90.0	8.19	8.02	7.78	7.61	7.43	7.14	7.02	6.79	6.73
135.0	8.54	8.31	8.13	7.84	7.61	7.43	7.20	7.02	6.91
180.0	8.54	8.37	8.19	7.96	7.72	7.43	7.32	7.20	7.08
225.0	8.13	7.96	7.72	7.55	7.32	7.14	6.96	6.85	6.73
270.0	8.31	8.13	7.90	7.67	7.49	7.26	7.08	6.91	6.73
315.0	8.08	7.96	7.72	7.49	7.32	7.08	6.96	6.79	6.73
360.0	8.72	8.54	8.37	8.13	7.96	7.72	7.49	7.26	7.02

Intensity data(cd)

C/γ(°)	90.0
0.0	6.73
45.0	6.73
90.0	6.73
135.0	6.79
180.0	6.79
225.0	6.73
270.0	6.73
315.0	6.73
360.0	6.73