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NT

Client:

LumCAT: 1-1306-L

Luminaire: 92.70.410.00

Report No: 2024802-B015

Ballast type: AC

Test No: 2024802-C015

Voltage(V): 34.810

LampCAT: Fortimo\_SLM\_C\_1204

Current(A): 0.321

Lamp flux(lm): 1868.0

Power (W): 11.174

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

### Photometric Results

Lumens(lm): 1702.00, Efficiency(%): 91.11% , Luminous Efficacy(lm/W): 152.32

Central intensity(cd): 2560.857, Maximum intensity(cd): 2560.857

Angle of maximum intensity: C=0.0  $\gamma$ =0.0

Beam Angle(50%Imax): [C0/180]Total=50.2

[C90/270]Total=50.2

Field angle(10%Imax): [C0/180]Total=71.0

[C90/270]Total=71.0

Maximum s/h(1/2): C0\_180=0.82 C90\_270=0.82

Maximum s/h(1/4): C0\_180=0.77 C90\_270=0.77

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 91.11%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in  $\pi$  solid angle : 97.991%

Equipment: GMS1980  
Temperature(°C): 25.0

Date: 2024/8/02  
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	2560.857	0.000	0	0.00%	0.00%
1.0	2553.834	2.447	2.447	0.13%	0.14%
2.0	2540.593	7.312	9.759	0.39%	0.57%
3.0	2532.766	12.134	21.893	0.65%	1.29%
4.0	2525.304	16.931	38.824	0.91%	2.28%
5.0	2514.405	21.681	60.505	1.16%	3.55%
6.0	2493.849	26.320	86.824	1.41%	5.10%
7.0	2468.172	30.799	117.624	1.65%	6.91%
8.0	2437.740	35.111	152.734	1.88%	8.97%
9.0	2410.015	39.288	192.023	2.10%	11.28%
10.0	2378.340	43.333	235.355	2.32%	13.83%
11.0	2344.616	47.192	282.548	2.53%	16.60%
12.0	2298.822	50.759	333.307	2.72%	19.58%
13.0	2250.395	53.988	387.295	2.89%	22.76%
14.0	2197.505	56.933	444.227	3.05%	26.10%
15.0	2145.128	59.618	503.845	3.19%	29.60%
16.0	2085.800	61.995	565.84	3.32%	33.25%
17.0	2025.156	64.019	629.859	3.43%	37.01%
18.0	1961.660	65.734	695.593	3.52%	40.87%
19.0	1892.603	67.056	762.649	3.59%	44.81%
20.0	1817.694	67.909	830.558	3.64%	48.80%
21.0	1730.569	68.134	898.691	3.65%	52.80%
22.0	1642.785	67.789	966.48	3.63%	56.78%
23.0	1543.516	66.857	1033.338	3.58%	60.71%
24.0	1402.367	64.408	1097.745	3.45%	64.50%
25.0	1286.076	61.129	1158.875	3.27%	68.09%
26.0	1222.791	59.222	1218.097	3.17%	71.57%
27.0	1113.442	57.156	1275.253	3.06%	74.93%
28.0	999.769	53.502	1328.755	2.86%	78.07%
29.0	875.058	49.051	1377.806	2.63%	80.95%
30.0	745.774	43.762	1421.568	2.34%	83.52%
31.0	628.693	38.249	1459.817	2.05%	85.77%
32.0	516.973	32.822	1492.639	1.76%	87.70%
33.0	419.321	27.584	1520.223	1.48%	89.32%
34.0	339.372	22.960	1543.183	1.23%	90.67%
35.0	271.193	18.962	1562.145	1.02%	91.78%
36.0	238.947	16.243	1578.388	0.87%	92.74%
37.0	181.961	13.728	1592.116	0.73%	93.54%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	124.375	10.225	1602.341	0.55%	94.14%
39.0	97.784	7.583	1609.924	0.41%	94.59%
40.0	79.803	6.194	1616.117	0.33%	94.95%
41.0	66.504	5.210	1621.327	0.28%	95.26%
42.0	57.447	4.503	1625.831	0.24%	95.52%
43.0	50.110	3.984	1629.815	0.21%	95.76%
44.0	44.572	3.574	1633.388	0.19%	95.97%
45.0	39.956	3.249	1636.637	0.17%	96.16%
46.0	36.445	2.988	1639.625	0.16%	96.34%
47.0	33.314	2.774	1642.399	0.15%	96.50%
48.0	30.666	2.586	1644.986	0.14%	96.65%
49.0	28.500	2.430	1647.415	0.13%	96.79%
50.0	26.474	2.292	1649.708	0.12%	96.93%
51.0	24.799	2.169	1651.877	0.12%	97.05%
52.0	23.380	2.067	1653.944	0.11%	97.18%
53.0	21.997	1.974	1655.918	0.11%	97.29%
54.0	20.885	1.890	1657.808	0.10%	97.40%
55.0	19.817	1.817	1659.625	0.10%	97.51%
56.0	18.859	1.748	1661.373	0.09%	97.61%
57.0	18.047	1.687	1663.06	0.09%	97.71%
58.0	17.250	1.632	1664.692	0.09%	97.81%
59.0	16.562	1.581	1666.273	0.08%	97.90%
60.0	15.984	1.538	1667.811	0.08%	97.99%
61.0	15.472	1.501	1669.312	0.08%	98.08%
62.0	15.004	1.468	1670.78	0.08%	98.17%
63.0	14.587	1.439	1672.219	0.08%	98.25%
64.0	14.170	1.411	1673.63	0.08%	98.33%
65.0	13.841	1.386	1675.017	0.07%	98.41%
66.0	13.497	1.364	1676.381	0.07%	98.49%
67.0	13.146	1.340	1677.72	0.07%	98.57%
68.0	12.816	1.315	1679.035	0.07%	98.65%
69.0	12.502	1.292	1680.327	0.07%	98.73%
70.0	12.195	1.268	1681.595	0.07%	98.80%
71.0	11.902	1.245	1682.841	0.07%	98.87%
72.0	11.609	1.223	1684.063	0.07%	98.95%
73.0	11.324	1.199	1685.263	0.06%	99.02%
74.0	11.010	1.174	1686.437	0.06%	99.09%
75.0	10.732	1.149	1687.585	0.06%	99.15%

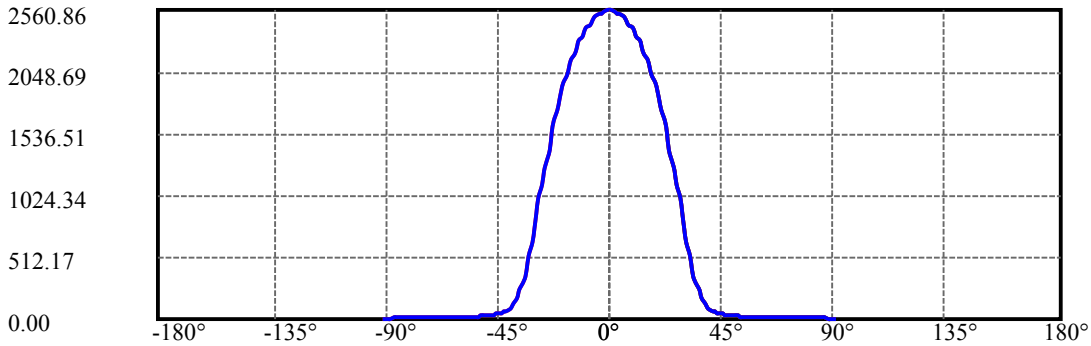
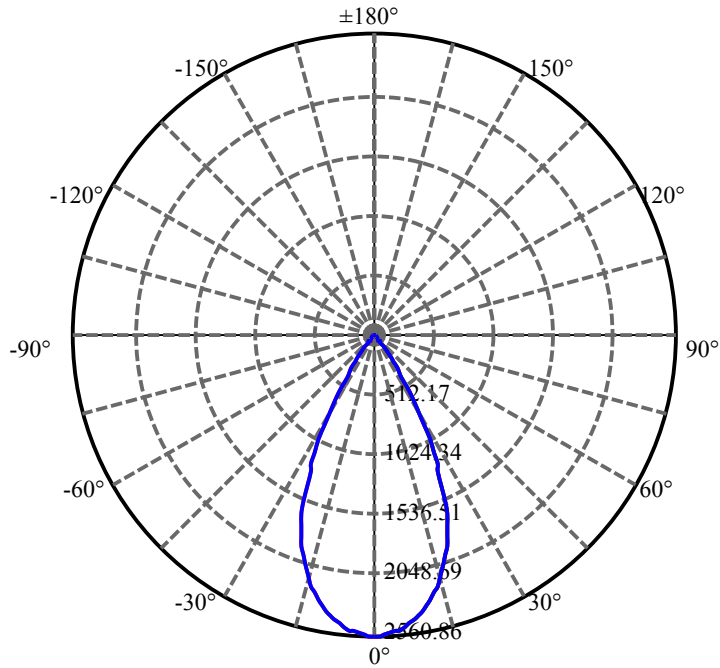
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	10.461	1.125	1688.71	0.06%	99.22%
77.0	10.198	1.101	1689.812	0.06%	99.28%
78.0	9.934	1.078	1690.89	0.06%	99.35%
79.0	9.649	1.052	1691.942	0.06%	99.41%
80.0	9.393	1.027	1692.968	0.05%	99.47%
81.0	9.144	1.002	1693.971	0.05%	99.53%
82.0	8.903	0.979	1694.949	0.05%	99.59%
83.0	8.669	0.955	1695.905	0.05%	99.64%
84.0	8.420	0.931	1696.836	0.05%	99.70%
85.0	8.200	0.907	1697.743	0.05%	99.75%
86.0	8.010	0.886	1698.629	0.05%	99.80%
87.0	7.842	0.868	1699.496	0.05%	99.85%
88.0	7.688	0.851	1700.347	0.05%	99.90%
89.0	7.542	0.835	1701.182	0.04%	99.95%
90.0	7.432	0.821	1702.003	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1421.57	76.10%	83.52%
0-40	1616.12	86.52%	94.95%
0-60	1667.81	89.28%	97.99%
0-90	1701.18	91.07%	99.95%
0-120	1701.18	91.07%	99.95%
0-180	1702.00	91.11%	100.00%
60-90	33.37	1.79%	1.96%
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%
0-28.67	1361.60	72.89%	80.00%

ZONAL LUMEN SUMMARY

0-10	235.36
10-20	595.20
20-30	591.01
30-40	194.55
40-50	33.59
50-60	18.10
60-70	13.78
70-80	11.37
80-90	8.21
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: —————

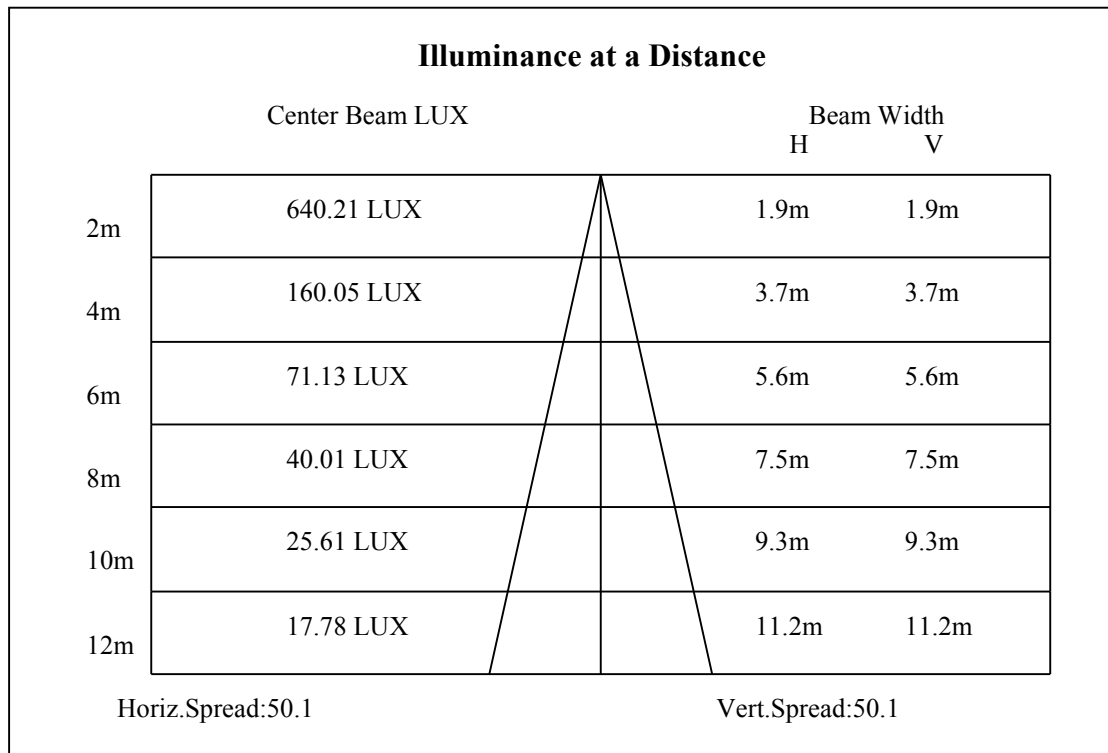
C90/C270: —————

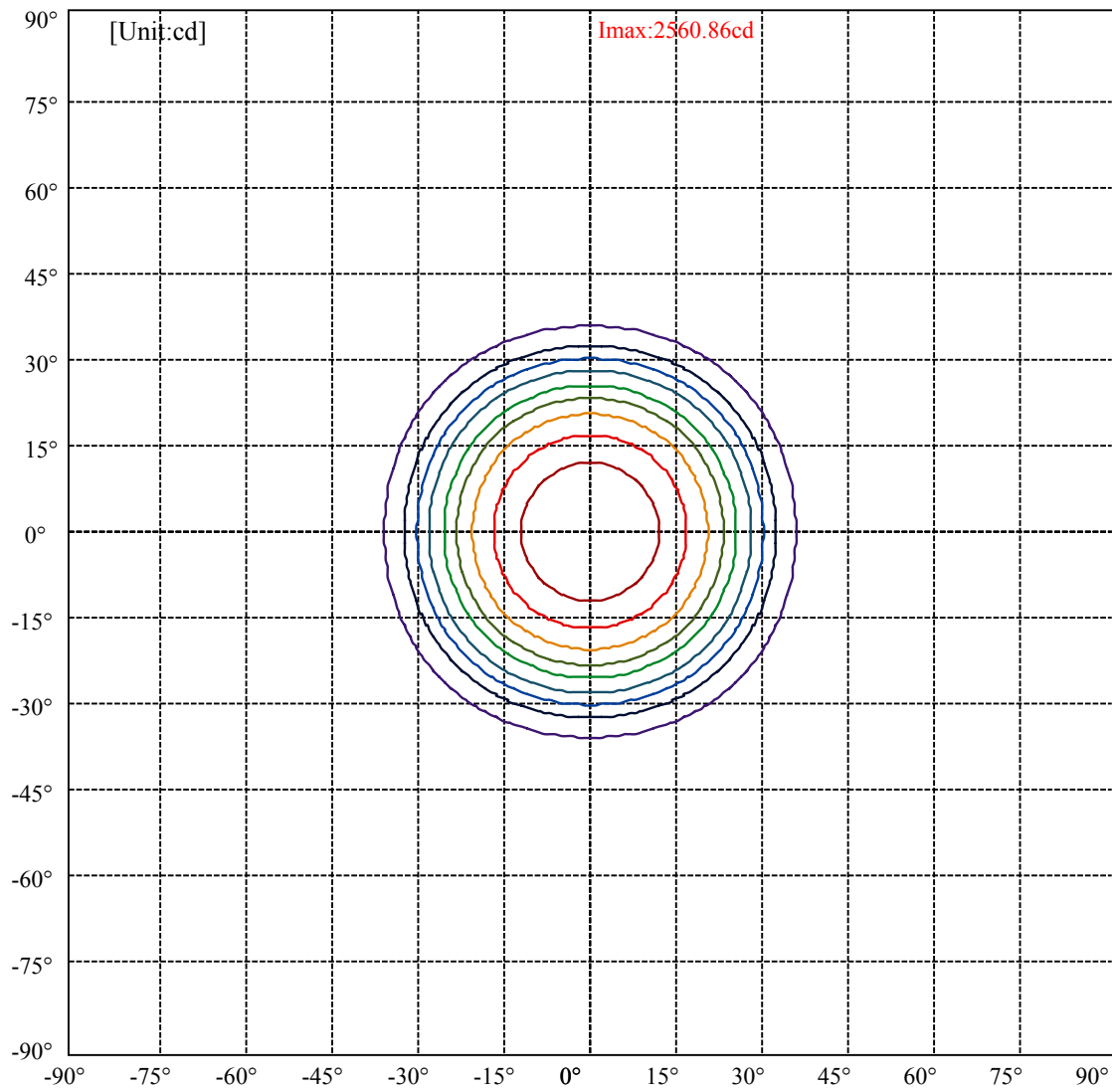
Field angle(10%Imax):C0/180Left:35.5 Right:35.5

:C90/270Left:35.5 Right:35.5

Beam Angle(50%Imax):C0/180Left:25.1 Right:25.1

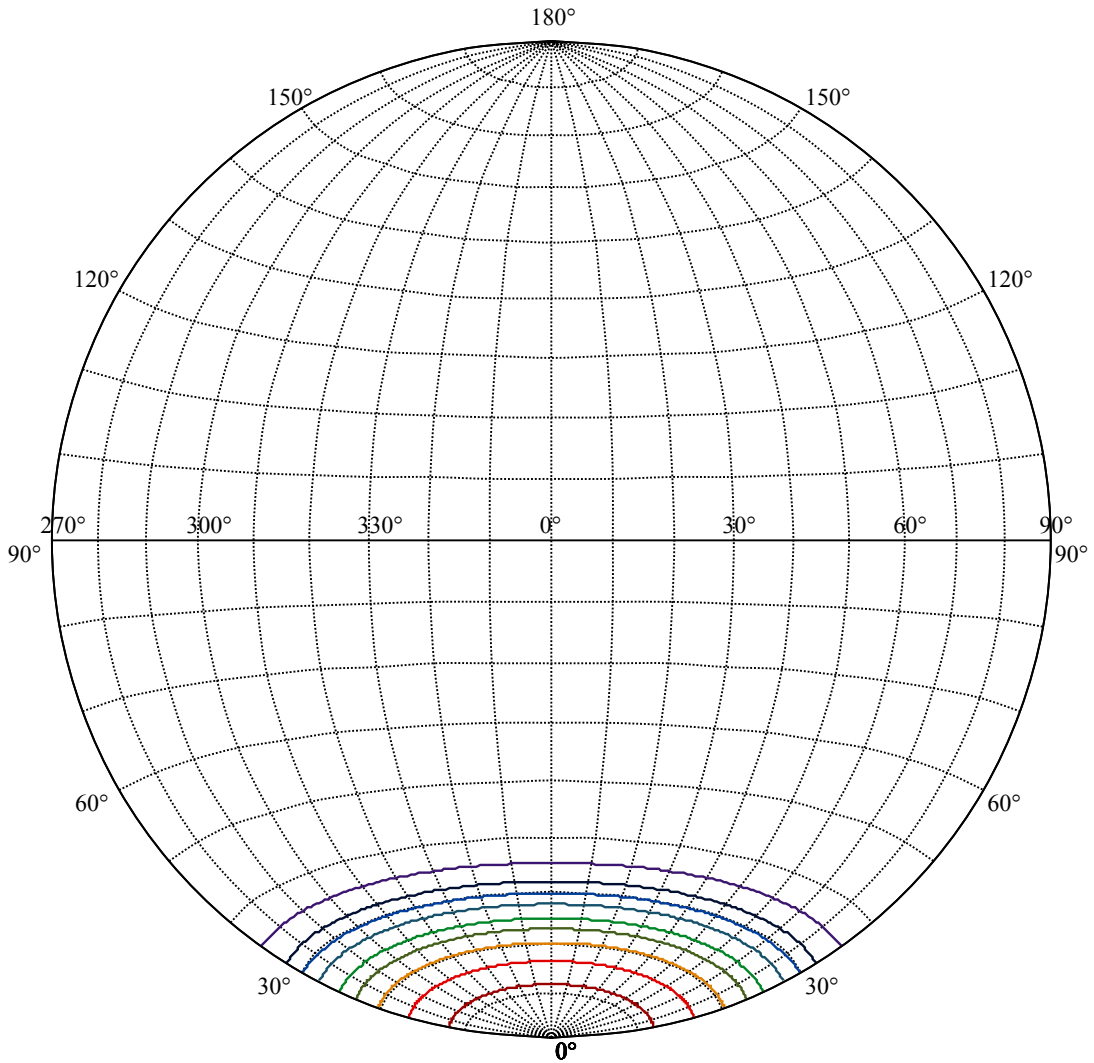
:C90/270Left:25.1 Right:25.1





(10%Imax) 256.086	—
(20%Imax) 512.171	—
(30%Imax) 768.257	—
(40%Imax) 1024.34	—
(50%Imax) 1280.43	—
(60%Imax) 1536.51	—
(70%Imax) 1792.6	—
(80%Imax) 2048.69	—
(90%Imax) 2304.77	—





House

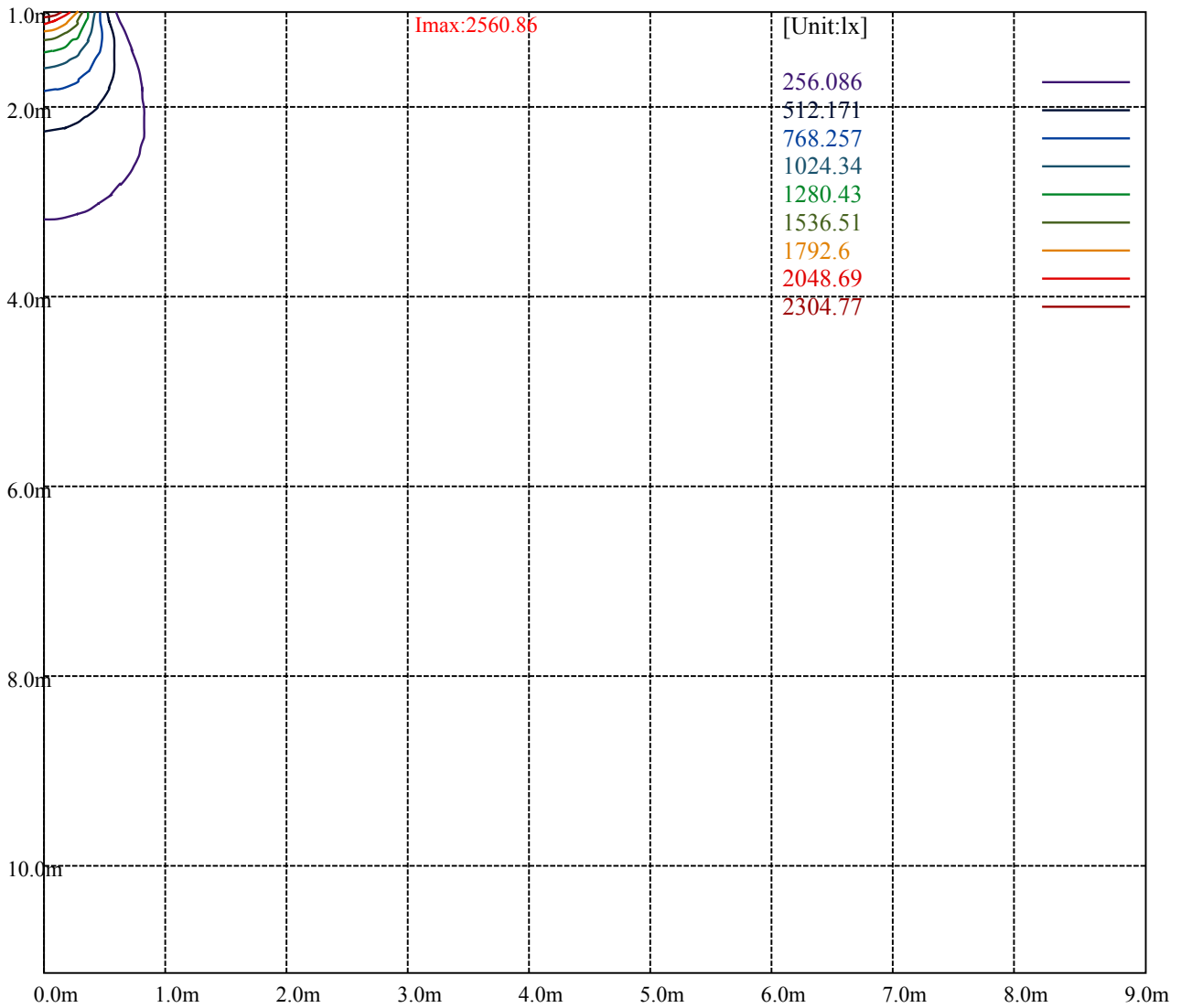
[Unit:cd]

Road

**Imax:2560.86**

(10%Imax)	256.086	—
(20%Imax)	512.171	—
(30%Imax)	768.257	—
(40%Imax)	1024.34	—
(50%Imax)	1280.43	—
(60%Imax)	1536.51	—
(70%Imax)	1792.6	—
(80%Imax)	2048.69	—
(90%Imax)	2304.77	—





Luminance Table

$\gamma$	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

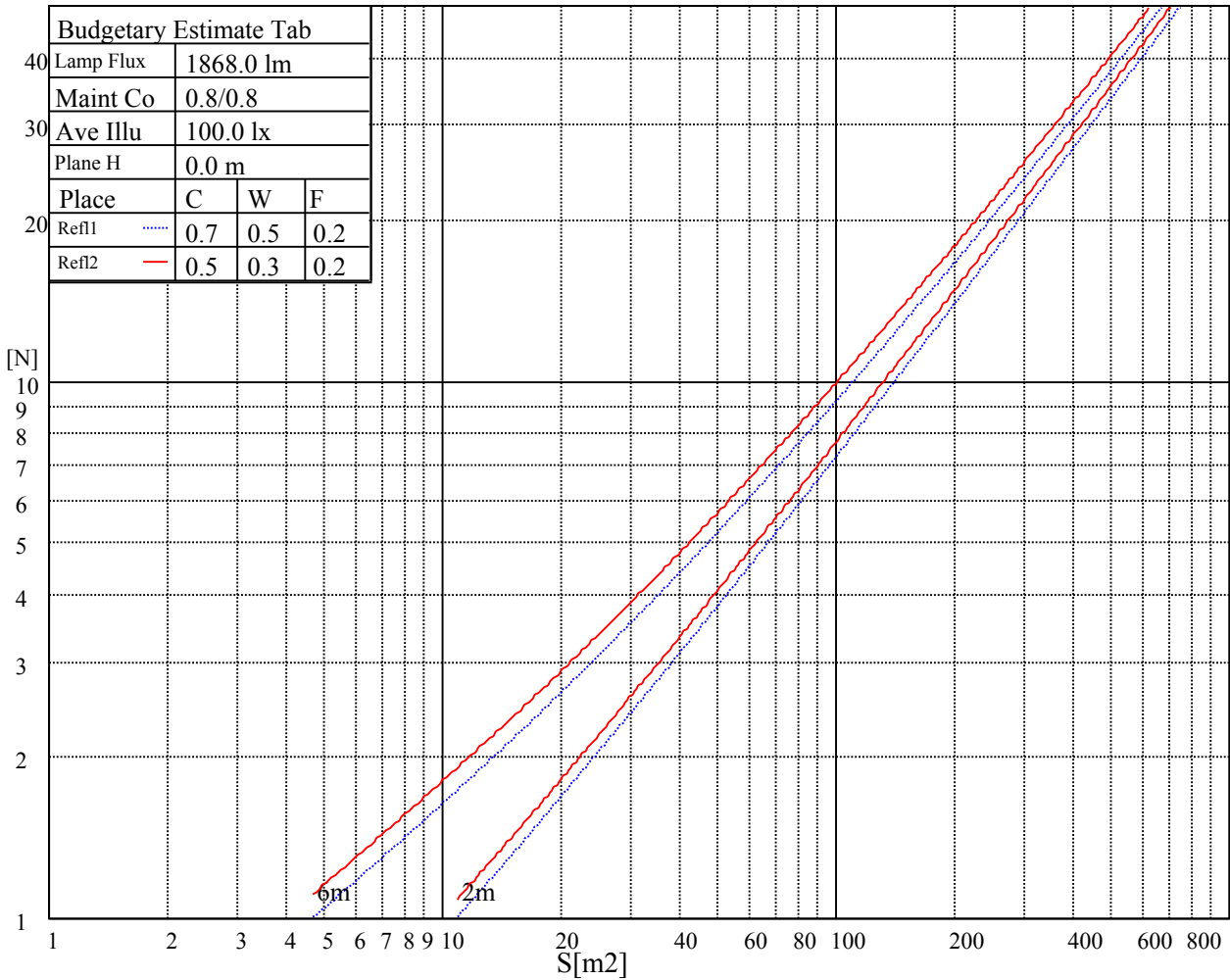
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

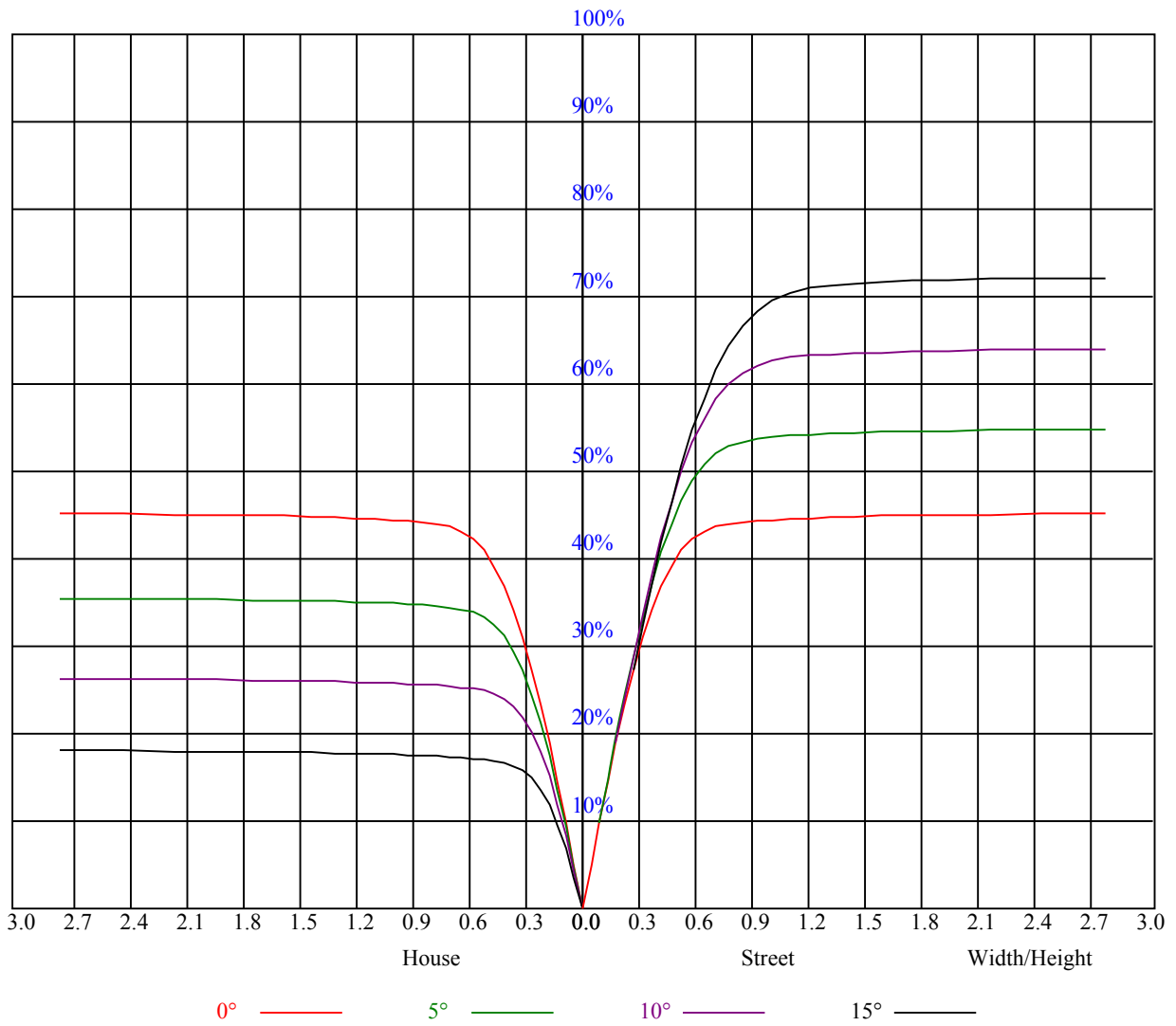


Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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				

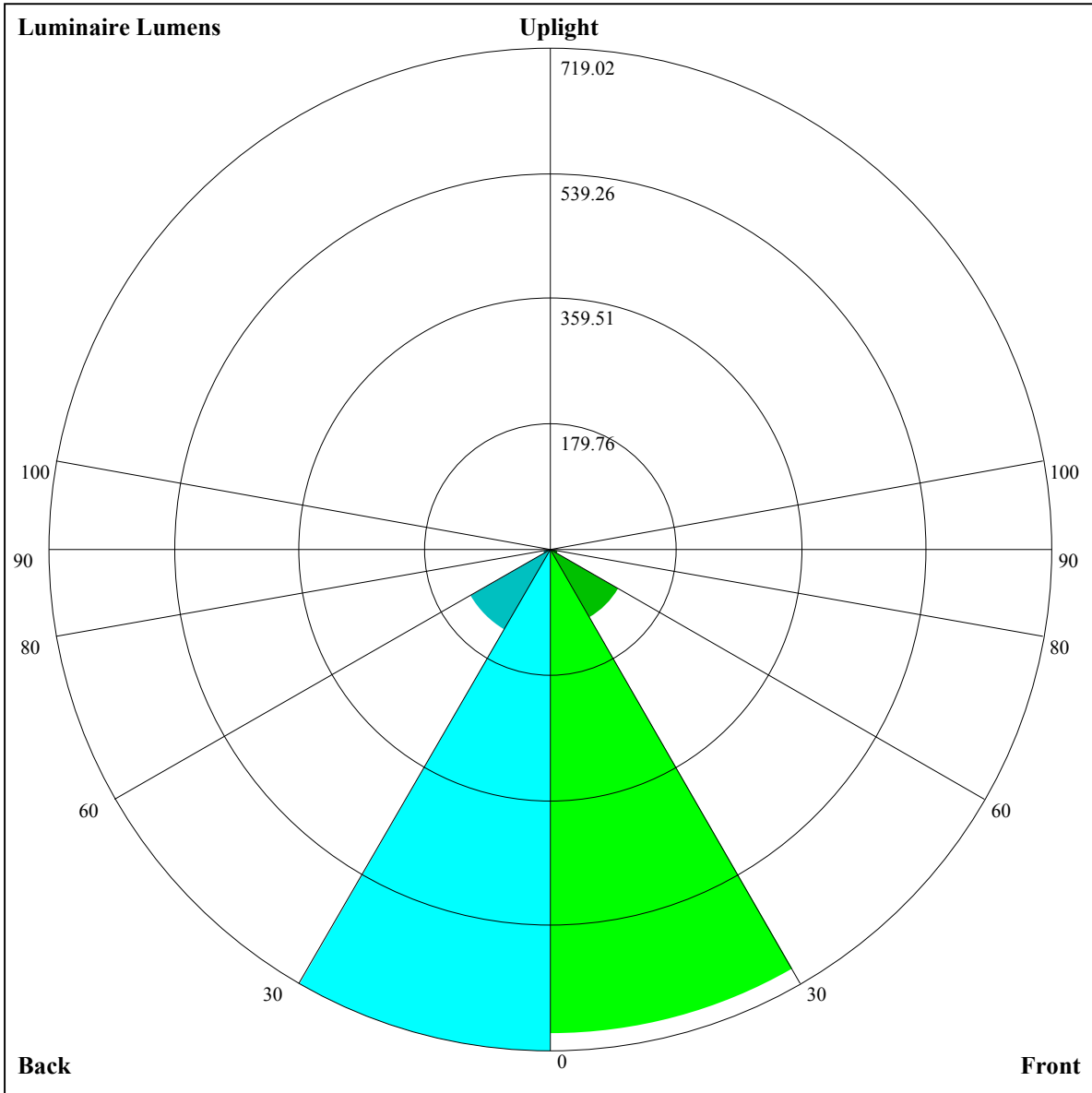
UGR calculation is based on CIE Publ. 117 ,S/H = 0.25



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	1.08	1.08	1.08	1.06	1.06	1.06	1.01	1.01	1.01	0.97	0.97	0.97	0.93	0.93	0.93	0.91
1	1.01	0.99	0.97	0.99	0.97	0.95	0.95	0.94	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.85
2	0.95	0.91	0.88	0.93	0.90	0.87	0.90	0.87	0.85	0.87	0.85	0.83	0.85	0.83	0.82	0.80
3	0.89	0.85	0.81	0.88	0.84	0.80	0.85	0.82	0.79	0.83	0.80	0.78	0.81	0.79	0.77	0.75
4	0.84	0.79	0.75	0.83	0.78	0.75	0.81	0.77	0.74	0.79	0.76	0.73	0.77	0.75	0.72	0.71
5	0.79	0.74	0.71	0.78	0.74	0.70	0.77	0.73	0.70	0.75	0.72	0.69	0.74	0.71	0.68	0.67
6	0.75	0.70	0.66	0.74	0.69	0.66	0.73	0.69	0.66	0.72	0.68	0.65	0.70	0.67	0.65	0.63
7	0.71	0.66	0.62	0.70	0.66	0.62	0.69	0.65	0.62	0.68	0.64	0.62	0.67	0.64	0.61	0.60
8	0.68	0.63	0.59	0.67	0.62	0.59	0.66	0.62	0.59	0.65	0.61	0.58	0.64	0.61	0.58	0.57
9	0.64	0.59	0.56	0.64	0.59	0.56	0.63	0.59	0.56	0.62	0.58	0.56	0.62	0.58	0.55	0.54
10	0.61	0.56	0.53	0.61	0.56	0.53	0.60	0.56	0.53	0.60	0.56	0.53	0.59	0.55	0.53	0.52







Luminaire Lumens:

FL=696.15,FM=113.99,FH=12.38,FVH=4.46

BL=719.02,BM=132.32,BH=12.65,BVH=4.55

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	2548.13	2526.47	2525.30	2532.33	2520.04	2503.07	2477.32	2441.62	2414.70
45.0	2568.61	2563.93	2544.62	2543.45	2549.30	2543.45	2528.82	2503.07	2466.20
90.0	2566.27	2549.30	2551.64	2555.74	2544.62	2532.33	2514.77	2481.41	2458.59
135.0	2560.42	2570.95	2566.27	2553.40	2555.15	2556.91	2535.84	2514.19	2484.92
180.0	2548.13	2565.68	2555.15	2539.94	2535.25	2517.11	2497.80	2476.15	2453.32
225.0	2568.61	2551.64	2524.72	2509.50	2499.55	2484.92	2454.49	2427.57	2388.95
270.0	2566.27	2569.78	2551.64	2519.45	2507.16	2496.04	2477.90	2460.34	2429.91
315.0	2560.42	2532.91	2505.41	2508.33	2491.36	2481.41	2463.86	2441.03	2405.33
360.0	2548.13	2526.47	2525.30	2532.33	2520.04	2503.07	2477.32	2441.62	2414.70

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	2379.00	2343.30	2305.26	2253.17	2186.46	2132.62	2085.22	2026.11	1957.05
45.0	2446.30	2425.23	2398.90	2345.06	2292.38	2247.91	2200.50	2131.45	2063.56
90.0	2433.42	2393.63	2364.95	2322.23	2277.75	2218.06	2164.22	2108.62	2031.37
135.0	2458.00	2431.67	2401.82	2369.05	2326.33	2280.68	2234.45	2173.00	2121.50
180.0	2427.57	2392.46	2363.20	2322.82	2287.70	2228.01	2184.12	2130.28	2085.22
225.0	2356.17	2336.28	2304.67	2254.35	2209.28	2161.29	2096.33	2037.23	1979.87
270.0	2404.75	2370.22	2325.74	2292.38	2241.47	2175.34	2125.60	2058.88	2001.53
315.0	2374.90	2333.94	2292.38	2231.52	2181.78	2136.13	2070.58	2020.84	1961.15
360.0	2379.00	2343.30	2305.26	2253.17	2186.46	2132.62	2085.22	2026.11	1957.05

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1895.60	1832.98	1763.34	1660.93	1579.00	1461.37	1291.65	1150.03	1123.57
45.0	2005.62	1924.86	1856.39	1780.31	1671.46	1585.43	1466.05	1367.14	1267.07
90.0	1967.00	1896.77	1807.23	1721.21	1634.59	1516.38	1419.81	1162.08	1162.08
135.0	2051.86	1993.33	1927.20	1860.49	1768.02	1685.51	1595.38	1495.89	1377.68
180.0	2023.18	1962.90	1902.62	1819.52	1750.47	1665.02	1563.19	1467.80	1382.36
225.0	1920.77	1832.40	1754.56	1670.88	1575.48	1452.59	1286.38	1151.02	1126.91
270.0	1950.61	1888.58	1799.63	1714.77	1636.35	1542.71	1433.27	1331.45	1233.71
315.0	1878.63	1808.99	1730.57	1616.45	1526.91	1439.13	1163.19	1163.19	1108.94
360.0	1895.60	1832.98	1763.34	1660.93	1579.00	1461.37	1291.65	1150.03	1123.57

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1013.02	893.58	747.62	633.04	528.69	436.34	335.92	266.80	209.33
45.0	1161.73	1026.54	914.18	798.89	687.11	561.29	464.73	383.38	309.64
90.0	1076.46	960.82	845.71	731.24	590.90	489.72	400.94	324.86	243.98
135.0	1278.78	1173.43	1059.90	910.67	792.45	644.98	539.05	446.00	344.76
180.0	1254.78	1155.29	1047.61	890.19	774.31	653.75	538.47	423.18	341.24
225.0	1022.27	912.37	768.58	657.97	530.39	441.38	364.83	297.70	228.18
270.0	1105.55	1000.21	893.70	738.61	628.59	522.66	401.52	326.03	309.06
315.0	994.94	875.91	723.16	605.59	497.09	385.66	309.12	247.02	183.35
360.0	1013.02	893.58	747.62	633.04	528.69	436.34	335.92	266.80	209.33

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	163.39	122.60	99.55	82.34	67.65	59.11	52.44	45.88	41.73
45.0	309.64	179.49	141.04	105.63	85.79	71.57	59.28	51.91	46.06
90.0	191.02	140.69	110.78	88.90	70.58	60.22	52.26	46.06	40.03
135.0	307.89	307.89	164.92	121.79	97.21	79.71	67.13	55.89	49.28
180.0	304.38	304.38	158.71	127.34	102.94	81.99	70.40	61.86	54.07
225.0	182.36	145.60	116.58	90.36	75.49	64.90	56.94	49.16	44.24
270.0	309.06	147.54	116.11	93.17	76.55	61.98	54.31	48.16	43.01
315.0	143.85	107.51	87.32	72.74	62.21	52.55	46.82	41.96	38.16
360.0	163.39	122.60	99.55	82.34	67.65	59.11	52.44	45.88	41.73

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	38.22	35.11	31.89	29.79	27.97	25.93	24.64	23.47	22.06
45.0	40.26	36.52	33.36	30.61	27.62	25.81	24.23	22.77	21.30
90.0	36.11	32.83	30.08	27.15	25.28	23.70	22.00	20.89	19.66
135.0	44.24	39.27	35.99	33.07	30.55	27.86	26.04	24.52	22.82
180.0	49.16	45.24	41.14	38.33	35.82	33.59	31.02	29.20	27.56
225.0	39.39	36.17	33.30	30.31	28.21	26.28	24.70	23.00	21.77
270.0	38.04	34.88	31.54	29.26	27.33	25.22	23.76	22.41	21.13
315.0	34.24	31.54	29.20	26.80	25.22	23.41	22.00	20.78	19.66
360.0	38.22	35.11	31.89	29.79	27.97	25.93	24.64	23.47	22.06
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	21.01	20.07	19.20	18.26	17.67	16.97	16.44	15.98	15.57
45.0	20.25	19.20	18.38	17.73	16.97	16.44	15.92	15.51	14.98
90.0	18.79	18.08	17.26	16.68	16.15	15.68	15.16	14.75	14.40
135.0	21.71	20.42	19.55	18.73	17.91	16.91	16.33	15.74	15.22
180.0	26.16	24.46	23.23	22.00	20.60	19.55	18.43	17.67	16.97
225.0	20.60	19.49	18.26	17.44	16.74	15.98	15.45	14.98	14.51
270.0	19.84	18.90	18.02	17.26	16.33	15.80	15.39	14.86	14.46
315.0	18.73	17.91	16.97	16.27	15.63	15.16	14.75	14.28	13.93
360.0	21.01	20.07	19.20	18.26	17.67	16.97	16.44	15.98	15.57
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	15.04	14.63	14.34	13.99	13.58	13.23	12.93	12.64	12.29
45.0	14.57	14.22	13.93	13.52	13.23	12.93	12.58	12.29	11.94
90.0	14.10	13.69	13.40	13.11	12.76	12.47	12.17	11.82	11.65
135.0	14.69	14.34	13.99	13.69	13.28	12.99	12.64	12.35	12.06
180.0	16.44	15.80	15.39	14.98	14.51	14.05	13.64	13.28	12.87
225.0	14.10	13.75	13.34	12.99	12.70	12.41	12.06	11.76	11.53
270.0	14.10	13.69	13.34	12.99	12.70	12.41	12.17	11.82	11.53
315.0	13.64	13.23	12.99	12.70	12.41	12.06	11.82	11.59	11.35
360.0	15.04	14.63	14.34	13.99	13.58	13.23	12.93	12.64	12.29
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	11.88	11.59	11.24	10.94	10.59	10.36	10.07	9.71	9.48
45.0	11.70	11.41	11.12	10.83	10.53	10.30	10.07	9.71	9.48
90.0	11.41	11.06	10.77	10.53	10.30	10.01	9.71	9.54	9.25
135.0	11.76	11.47	11.24	10.94	10.65	10.42	10.18	9.89	9.60
180.0	12.58	12.29	11.88	11.59	11.29	10.94	10.71	10.42	10.07
225.0	11.24	10.94	10.65	10.36	10.12	9.89	9.60	9.31	9.13
270.0	11.29	11.06	10.71	10.48	10.24	10.01	9.71	9.48	9.19
315.0	11.00	10.77	10.48	10.18	9.95	9.66	9.42	9.13	8.95
360.0	11.88	11.59	11.24	10.94	10.59	10.36	10.07	9.71	9.48
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	9.25	8.95	8.78	8.49	8.31	8.08	7.84	7.61	7.43
45.0	9.25	8.95	8.72	8.43	8.19	7.96	7.78	7.61	7.49
90.0	9.01	8.72	8.49	8.31	8.08	7.84	7.67	7.61	7.43
135.0	9.36	9.13	8.90	8.60	8.37	8.13	7.96	7.78	7.67
180.0	9.83	9.54	9.31	9.01	8.72	8.54	8.43	8.25	8.02
225.0	8.84	8.66	8.37	8.19	8.02	7.90	7.72	7.61	7.43
270.0	8.95	8.78	8.49	8.25	8.02	7.90	7.72	7.55	7.43
315.0	8.66	8.49	8.31	8.08	7.90	7.72	7.61	7.49	7.43
360.0	9.25	8.95	8.78	8.49	8.31	8.08	7.84	7.61	7.43

Intensity data(cd)

<b>C/γ(°)</b>	<b>90.0</b>
<b>0.0</b>	<b>7.37</b>
<b>45.0</b>	<b>7.37</b>
<b>90.0</b>	<b>7.37</b>
<b>135.0</b>	<b>7.55</b>
<b>180.0</b>	<b>7.67</b>
<b>225.0</b>	<b>7.37</b>
<b>270.0</b>	<b>7.37</b>
<b>315.0</b>	<b>7.37</b>
<b>360.0</b>	<b>7.37</b>