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NT

Client:

LumCAT: 1-1306-L

Luminaire: 92.70.427.00

Report No: 2024727-B016

Ballast type: AC

Test No: 2024727-C016

Voltage(V): 35.760

LampCAT: TRIDONIC SLE G7 9MM

Current(A): 0.360

Lamp flux(lm): 2026.0

Power (W): 12.876

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

### Photometric Results

Lumens(lm): 1852.24, Efficiency(%): 91.42% , Luminous Efficacy(lm/W): 143.85

Central intensity(cd): 2898.678, Maximum intensity(cd): 2898.678

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

Beam Angle(50%Imax): [C0/180]Total=49.4

[C90/270]Total=49.4

Field angle(10%Imax): [C0/180]Total=69.0

[C90/270]Total=69.0

Maximum s/h(1/2): C0\_180=0.79 C90\_270=0.79

Maximum s/h(1/4): C0\_180=0.76 C90\_270=0.76

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 91.42%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in  $\pi$  solid angle : 98.024%

Equipment: GMS1980  
Temperature(°C): 25.0

Date: 2024/7/27  
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	2898.678	0.000	0	0.00%	0.00%
1.0	2896.849	2.773	2.773	0.14%	0.15%
2.0	2897.142	8.316	11.089	0.41%	0.60%
3.0	2891.802	13.845	24.934	0.68%	1.35%
4.0	2882.877	19.330	44.264	0.95%	2.39%
5.0	2870.807	24.752	69.016	1.22%	3.73%
6.0	2843.886	30.032	99.048	1.48%	5.35%
7.0	2813.381	35.115	134.163	1.73%	7.24%
8.0	2778.780	40.022	174.185	1.98%	9.40%
9.0	2740.740	44.733	218.918	2.21%	11.82%
10.0	2694.288	49.185	268.103	2.43%	14.47%
11.0	2643.812	53.339	321.441	2.63%	17.35%
12.0	2585.144	57.160	378.601	2.82%	20.44%
13.0	2522.525	60.615	439.216	2.99%	23.71%
14.0	2452.224	63.676	502.893	3.14%	27.15%
15.0	2377.681	66.307	569.2	3.27%	30.73%
16.0	2300.139	68.543	637.743	3.38%	34.43%
17.0	2218.208	70.363	708.106	3.47%	38.23%
18.0	2134.813	71.772	779.878	3.54%	42.10%
19.0	2043.518	72.694	852.572	3.59%	46.03%
20.0	1954.417	73.173	925.745	3.61%	49.98%
21.0	1859.392	73.233	998.978	3.61%	53.93%
22.0	1759.537	72.724	1071.702	3.59%	57.86%
23.0	1659.171	71.734	1143.436	3.54%	61.73%
24.0	1551.417	70.195	1213.631	3.46%	65.52%
25.0	1404.628	67.214	1280.845	3.32%	69.15%
26.0	1294.364	63.710	1344.555	3.14%	72.59%
27.0	1215.556	61.406	1405.961	3.03%	75.91%
28.0	1089.250	58.353	1464.314	2.88%	79.06%
29.0	947.538	53.288	1517.602	2.63%	81.93%
30.0	811.283	47.488	1565.089	2.34%	84.50%
31.0	662.211	41.005	1606.095	2.02%	86.71%
32.0	541.340	34.480	1640.575	1.70%	88.57%
33.0	423.769	28.432	1669.007	1.40%	90.11%
34.0	326.460	22.704	1691.712	1.12%	91.33%
35.0	254.295	18.036	1709.748	0.89%	92.31%
36.0	223.863	15.225	1724.972	0.75%	93.13%
37.0	169.891	12.842	1737.814	0.63%	93.82%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	110.534	9.360	1747.175	0.46%	94.33%
39.0	92.612	6.934	1754.109	0.34%	94.70%
40.0	79.678	6.009	1760.117	0.30%	95.03%
41.0	69.239	5.303	1765.42	0.26%	95.31%
42.0	60.900	4.728	1770.149	0.23%	95.57%
43.0	54.389	4.271	1774.419	0.21%	95.80%
44.0	48.764	3.893	1778.312	0.19%	96.01%
45.0	43.826	3.558	1781.871	0.18%	96.20%
46.0	39.744	3.268	1785.139	0.16%	96.38%
47.0	36.474	3.031	1788.17	0.15%	96.54%
48.0	33.570	2.832	1791.002	0.14%	96.69%
49.0	30.995	2.651	1793.653	0.13%	96.84%
50.0	28.881	2.496	1796.15	0.12%	96.97%
51.0	27.008	2.365	1798.514	0.12%	97.10%
52.0	25.296	2.244	1800.759	0.11%	97.22%
53.0	23.811	2.136	1802.895	0.11%	97.34%
54.0	22.538	2.043	1804.938	0.10%	97.45%
55.0	21.229	1.954	1806.892	0.10%	97.55%
56.0	20.168	1.871	1808.762	0.09%	97.65%
57.0	19.276	1.803	1810.566	0.09%	97.75%
58.0	18.457	1.745	1812.311	0.09%	97.84%
59.0	17.703	1.690	1814.001	0.08%	97.94%
60.0	17.103	1.644	1815.645	0.08%	98.02%
61.0	16.555	1.606	1817.252	0.08%	98.11%
62.0	16.035	1.570	1818.822	0.08%	98.20%
63.0	15.567	1.537	1820.359	0.08%	98.28%
64.0	15.143	1.507	1821.866	0.07%	98.36%
65.0	14.704	1.477	1823.343	0.07%	98.44%
66.0	14.323	1.448	1824.791	0.07%	98.52%
67.0	13.965	1.422	1826.214	0.07%	98.60%
68.0	13.621	1.397	1827.611	0.07%	98.67%
69.0	13.277	1.372	1828.983	0.07%	98.74%
70.0	12.977	1.348	1830.332	0.07%	98.82%
71.0	12.663	1.325	1831.657	0.07%	98.89%
72.0	12.348	1.300	1832.957	0.06%	98.96%
73.0	12.063	1.277	1834.234	0.06%	99.03%
74.0	11.770	1.253	1835.487	0.06%	99.10%
75.0	11.456	1.227	1836.714	0.06%	99.16%

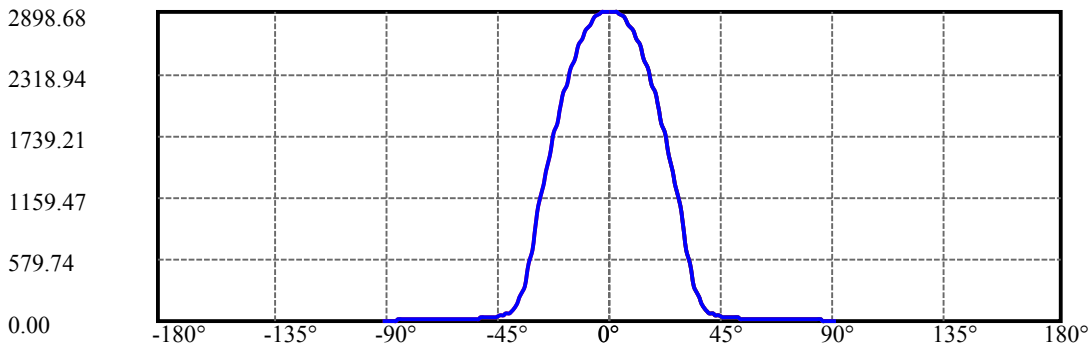
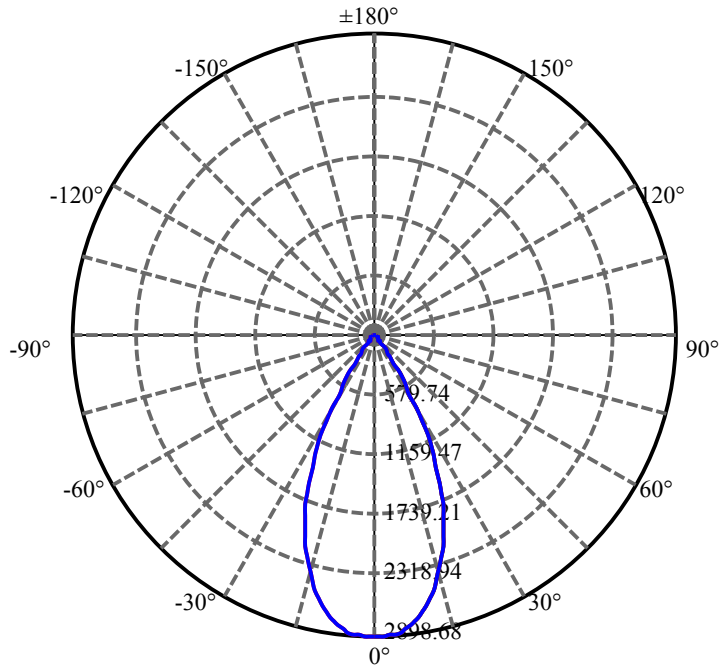
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	11.170	1.201	1837.915	0.06%	99.23%
77.0	10.878	1.176	1839.091	0.06%	99.29%
78.0	10.607	1.150	1840.241	0.06%	99.35%
79.0	10.329	1.125	1841.366	0.06%	99.41%
80.0	10.066	1.100	1842.465	0.05%	99.47%
81.0	9.788	1.074	1843.539	0.05%	99.53%
82.0	9.576	1.050	1844.589	0.05%	99.59%
83.0	9.342	1.028	1845.617	0.05%	99.64%
84.0	9.115	1.005	1846.623	0.05%	99.70%
85.0	8.917	0.984	1847.607	0.05%	99.75%
86.0	8.683	0.962	1848.569	0.05%	99.80%
87.0	8.515	0.941	1849.51	0.05%	99.85%
88.0	8.369	0.925	1850.435	0.05%	99.90%
89.0	8.200	0.908	1851.343	0.04%	99.95%
90.0	8.083	0.893	1852.236	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1565.09	77.25%	84.50%
0-40	1760.12	86.88%	95.03%
0-60	1815.65	89.62%	98.02%
0-90	1851.34	91.38%	99.95%
0-120	1851.34	91.38%	99.95%
0-180	1852.24	91.42%	100.00%
60-90	35.70	1.76%	1.93%
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%
0-28.33	1481.79	73.14%	80.00%

ZONAL LUMEN SUMMARY

0-10	268.10
10-20	657.64
20-30	639.34
30-40	195.03
40-50	36.03
50-60	19.50
60-70	14.69
70-80	12.13
80-90	8.88
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: ———

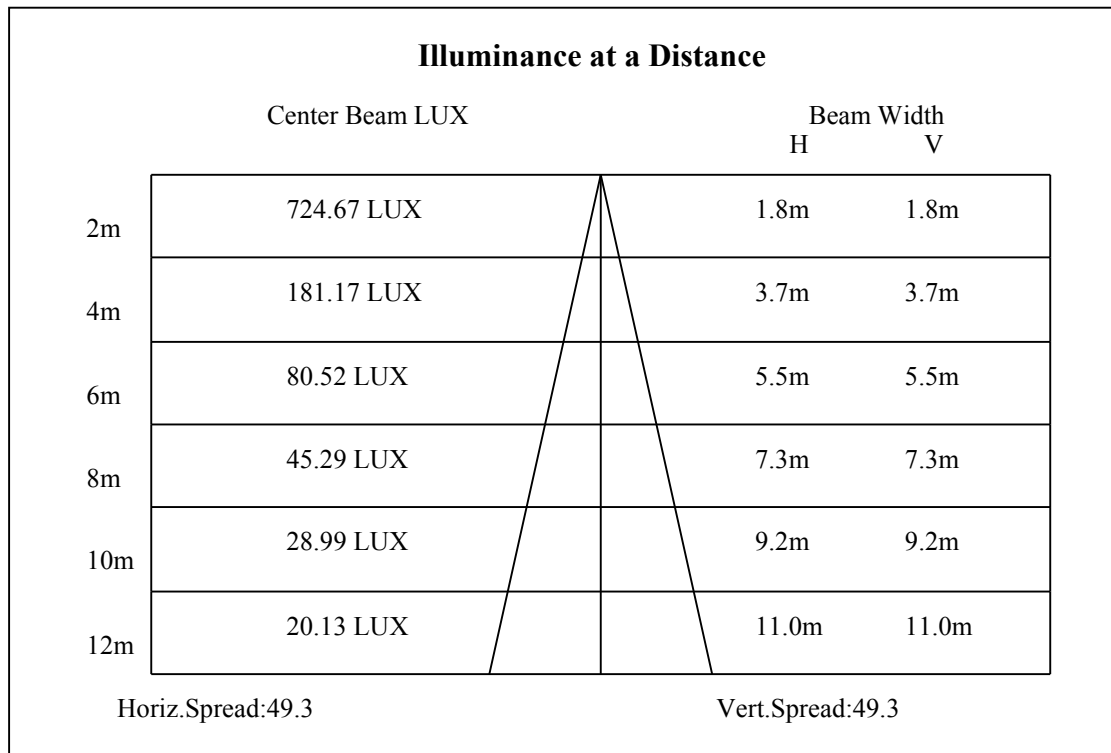
C90/C270: ———

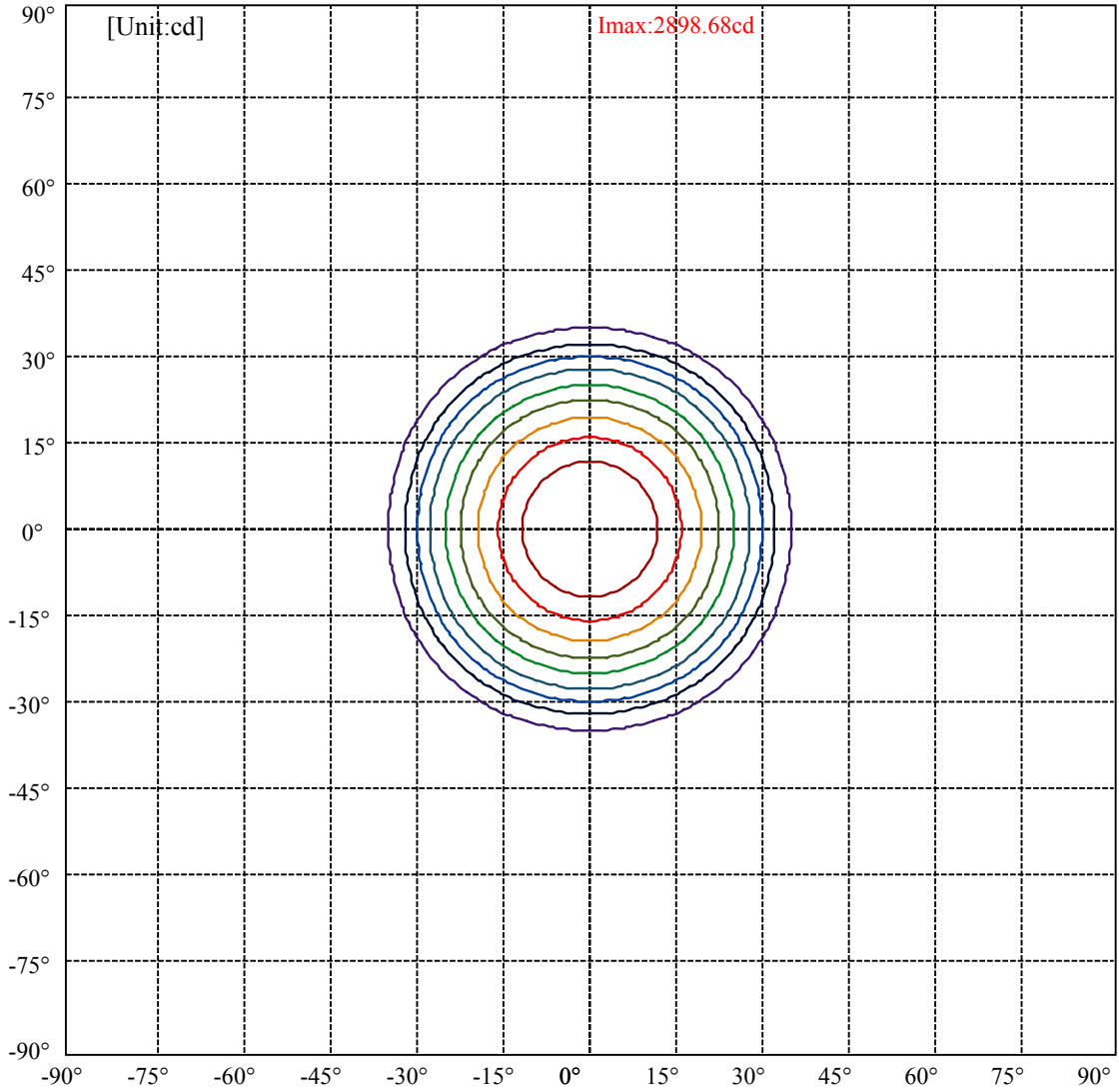
Field angle(10%Imax):C0/180Left:34.5 Right:34.5

:C90/270Left:34.5 Right:34.5

Beam Angle(50%Imax):C0/180Left:24.7 Right:24.7

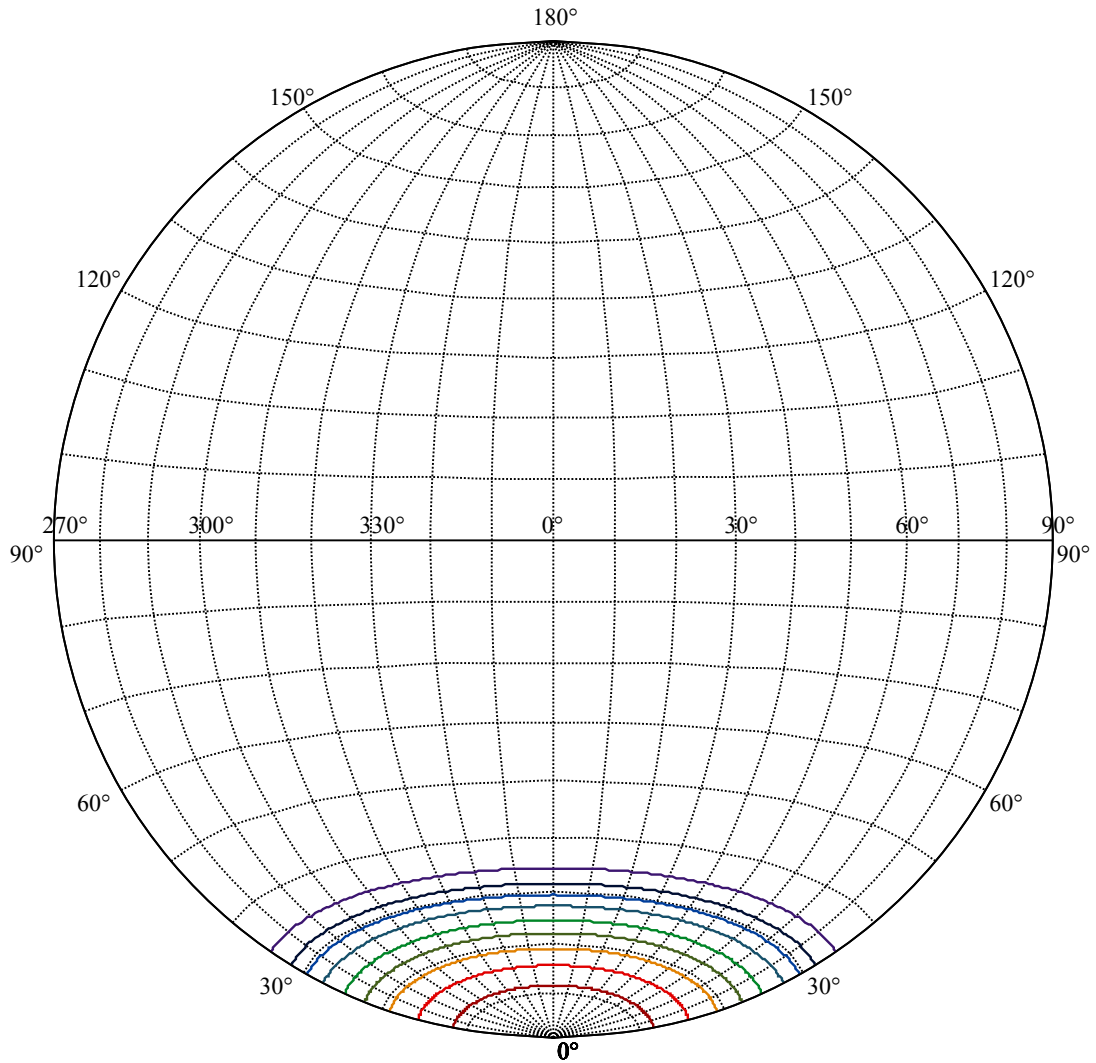
:C90/270Left:24.7 Right:24.7





(10%Imax)	289.868	—
(20%Imax)	579.736	—
(30%Imax)	869.603	—
(40%Imax)	1159.47	—
(50%Imax)	1449.34	—
(60%Imax)	1739.21	—
(70%Imax)	2029.07	—
(80%Imax)	2318.94	—
(90%Imax)	2608.81	—





House

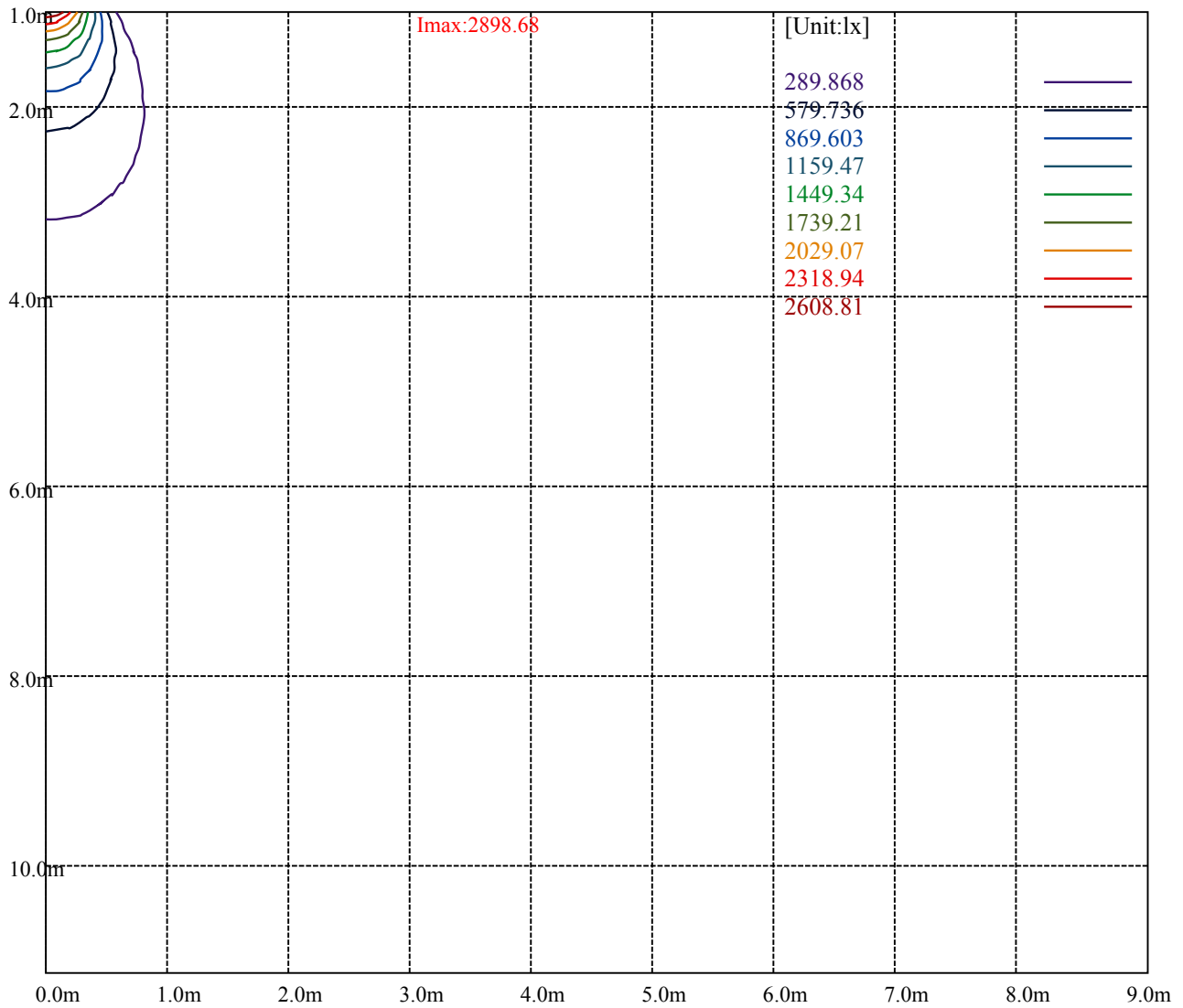
[Unit:cd]

Road

**Imax:2898.68**

(10%Imax) 289.868	—
(20%Imax) 579.736	—
(30%Imax) 869.603	—
(40%Imax) 1159.47	—
(50%Imax) 1449.34	—
(60%Imax) 1739.21	—
(70%Imax) 2029.07	—
(80%Imax) 2318.94	—
(90%Imax) 2608.81	—





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

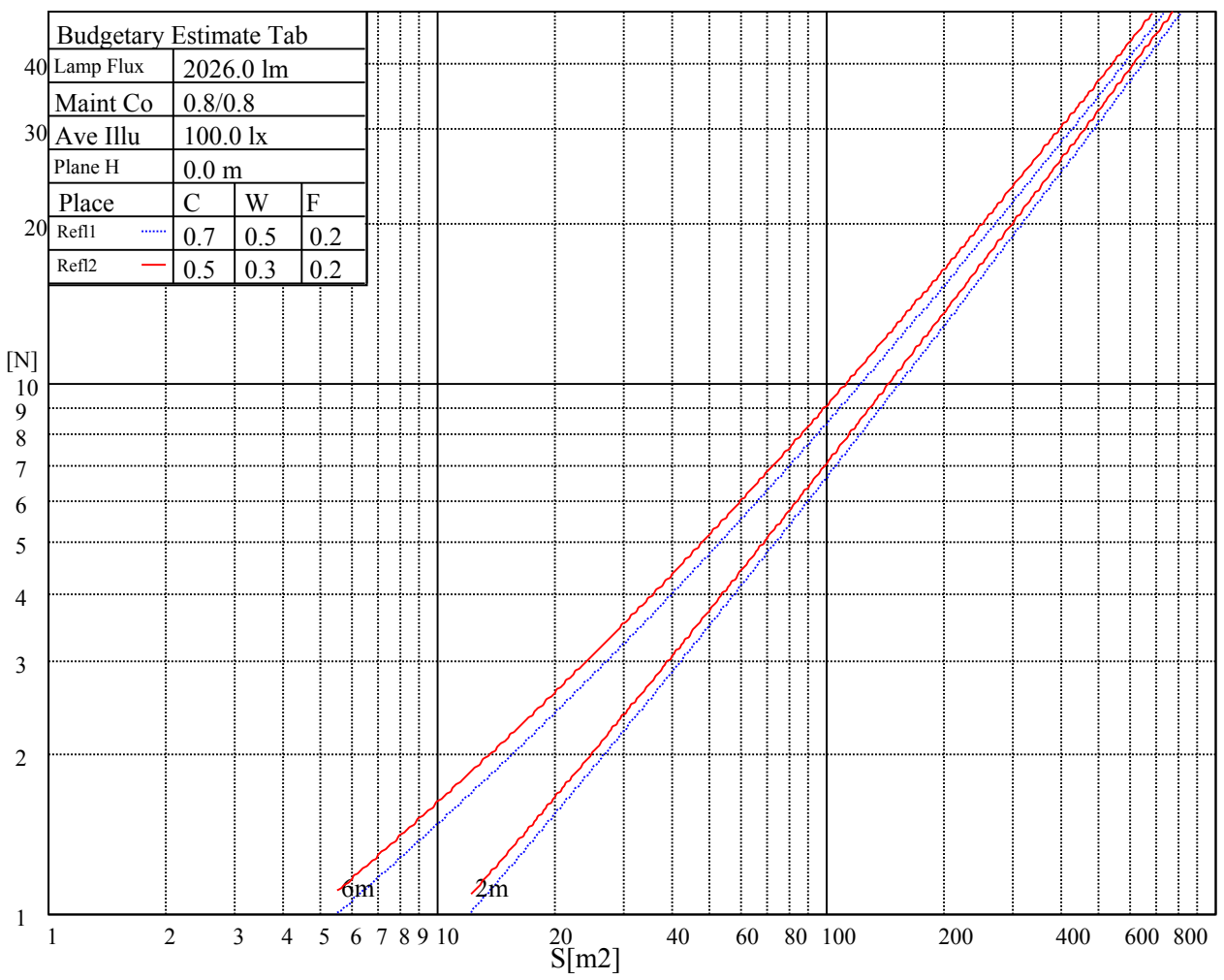
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

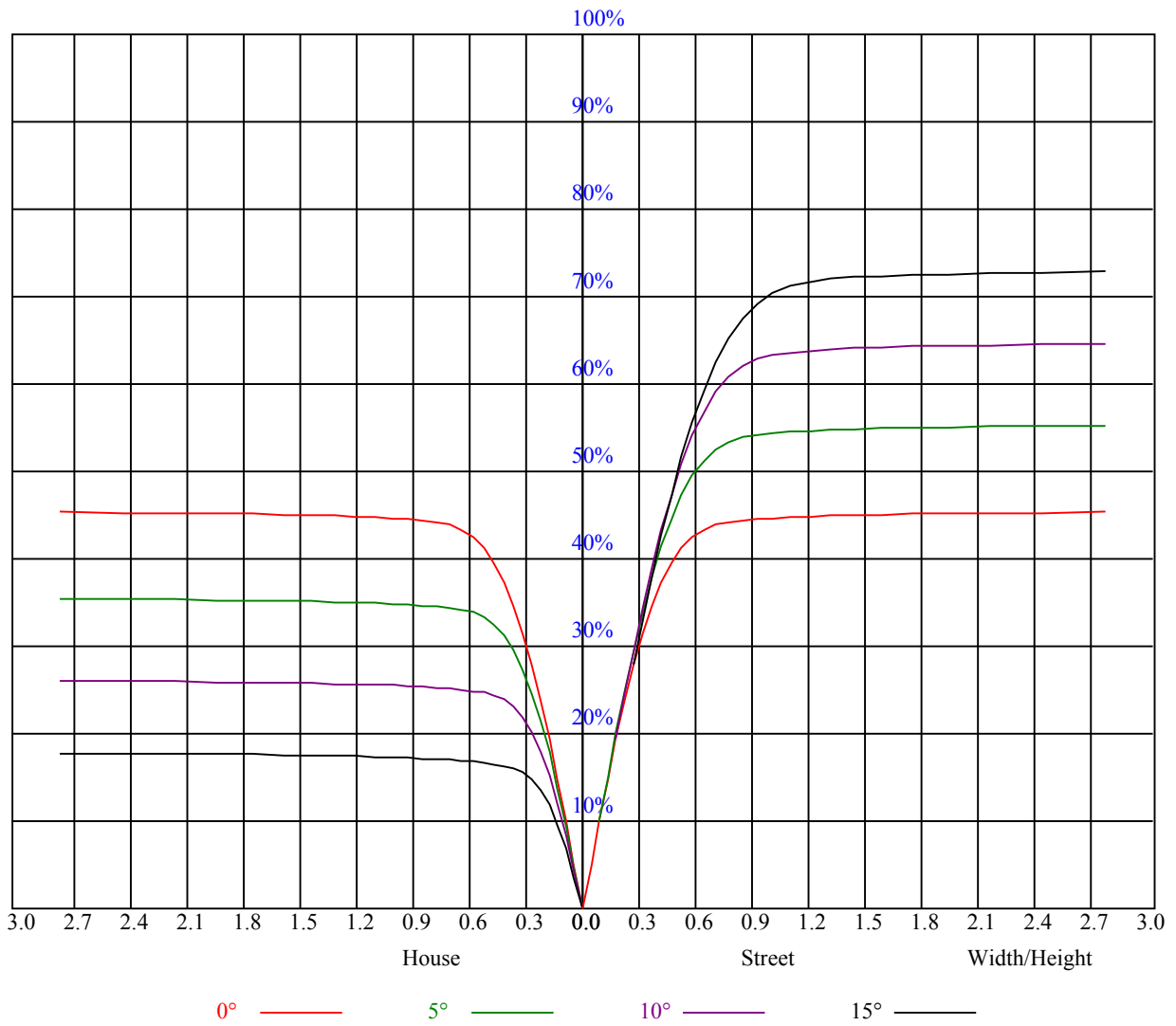


Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字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

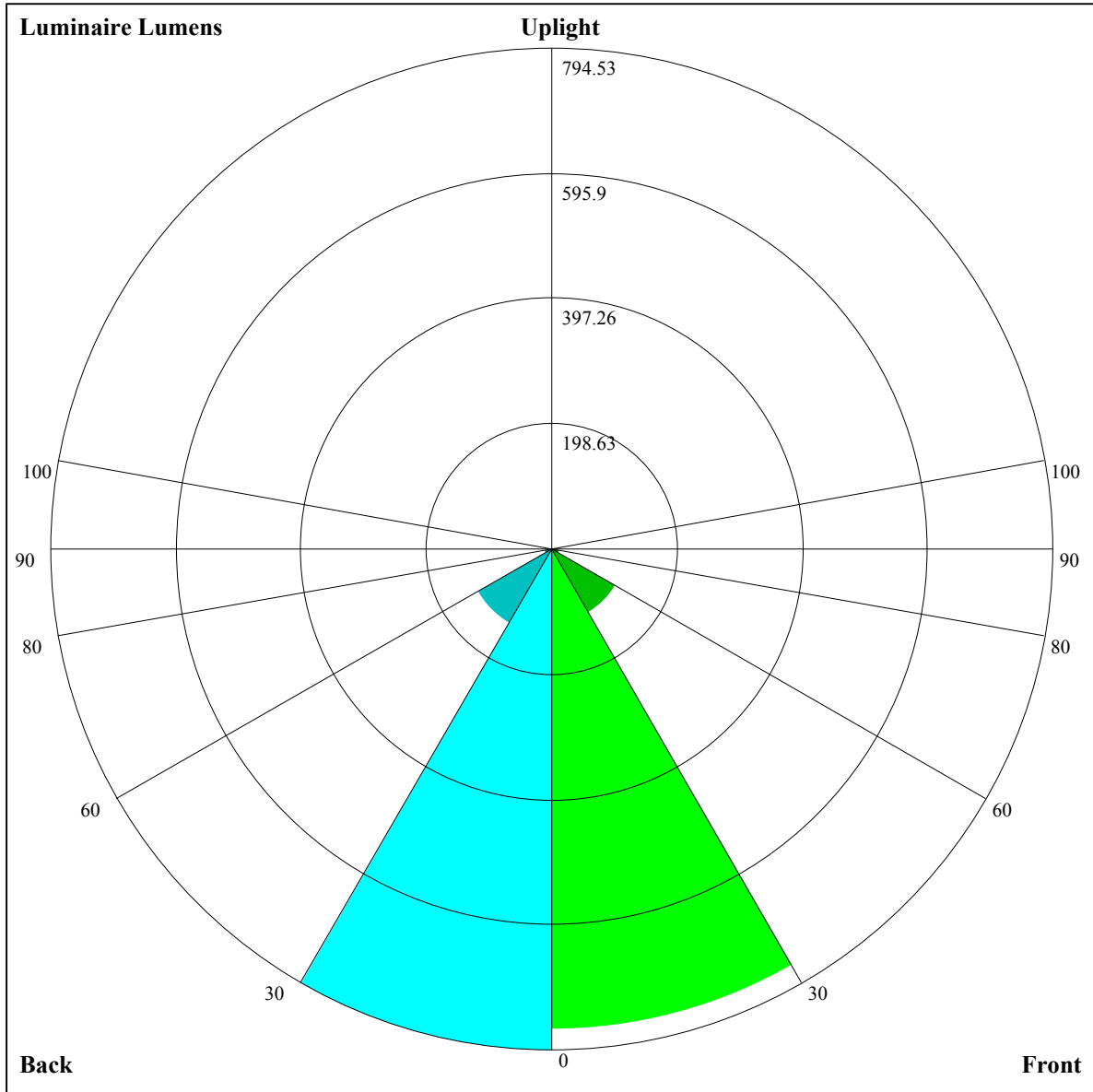
UGR calculation is based on CIE Publ. 117 ,S/H = 0.25



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	1.09	1.09	1.09	1.06	1.06	1.06	1.02	1.02	1.02	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	0.96	0.96	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86
2	0.95	0.92	0.89	0.93	0.90	0.88	0.91	0.88	0.86	0.88	0.86	0.84	0.85	0.84	0.82	0.81
3	0.89	0.85	0.82	0.88	0.84	0.81	0.86	0.82	0.80	0.84	0.81	0.79	0.81	0.79	0.77	0.76
4	0.84	0.80	0.76	0.83	0.79	0.76	0.81	0.78	0.75	0.79	0.76	0.74	0.78	0.75	0.73	0.72
5	0.80	0.75	0.71	0.79	0.74	0.71	0.77	0.73	0.70	0.76	0.72	0.70	0.74	0.71	0.69	0.68
6	0.75	0.70	0.67	0.75	0.70	0.67	0.73	0.69	0.66	0.72	0.69	0.66	0.71	0.68	0.65	0.64
7	0.72	0.67	0.63	0.71	0.66	0.63	0.70	0.66	0.63	0.69	0.65	0.62	0.68	0.65	0.62	0.61
8	0.68	0.63	0.60	0.68	0.63	0.60	0.67	0.62	0.59	0.66	0.62	0.59	0.65	0.62	0.59	0.58
9	0.65	0.60	0.57	0.65	0.60	0.57	0.64	0.59	0.56	0.63	0.59	0.56	0.62	0.59	0.56	0.55
10	0.62	0.57	0.54	0.62	0.57	0.54	0.61	0.57	0.54	0.60	0.56	0.54	0.60	0.56	0.54	0.52







Luminaire Lumens:

FL=763.23,FM=116.07,FH=13.25,FVH=4.84

BL=794.53,BM=137.09,BH=13.67,BVH=4.93

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	2889.31	2887.56	2889.31	2884.63	2872.93	2858.30	2834.89	2804.46	2765.25
45.0	2902.77	2895.17	2891.07	2899.85	2894.00	2878.78	2872.93	2843.08	2820.26
90.0	2904.53	2902.19	2900.43	2893.41	2877.61	2867.66	2840.16	2811.48	2782.80
135.0	2898.09	2901.60	2905.70	2903.36	2915.06	2901.60	2880.54	2848.35	2808.55
180.0	2889.31	2893.41	2895.75	2891.07	2882.88	2874.10	2853.62	2840.16	2826.11
225.0	2902.77	2899.85	2898.09	2891.66	2874.68	2858.88	2812.06	2772.85	2731.30
270.0	2904.53	2900.43	2899.26	2884.63	2879.95	2875.27	2837.81	2799.19	2745.35
315.0	2898.09	2894.58	2897.51	2885.80	2865.91	2851.86	2819.09	2787.49	2750.62
360.0	2889.31	2887.56	2889.31	2884.63	2872.93	2858.30	2834.89	2804.46	2765.25
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	2715.50	2665.17	2612.50	2559.83	2488.44	2426.40	2343.88	2273.66	2185.87
45.0	2792.17	2741.25	2693.85	2654.05	2586.17	2527.65	2460.34	2393.04	2308.19
90.0	2743.01	2691.51	2628.30	2556.91	2494.87	2432.84	2360.27	2290.04	2216.89
135.0	2776.95	2749.45	2732.47	2679.22	2634.74	2552.81	2477.90	2407.09	2324.57
180.0	2790.41	2758.22	2711.41	2643.52	2589.68	2522.96	2442.20	2376.07	2311.70
225.0	2695.60	2655.81	2604.31	2551.05	2486.09	2403.58	2337.45	2252.59	2144.91
270.0	2709.65	2665.17	2608.99	2540.52	2472.05	2411.77	2338.03	2246.15	2171.24
315.0	2702.63	2627.72	2558.66	2496.04	2428.16	2339.79	2261.37	2162.46	2082.29
360.0	2715.50	2665.17	2612.50	2559.83	2488.44	2426.40	2343.88	2273.66	2185.87
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2064.73	1977.53	1887.99	1794.36	1678.48	1581.92	1478.34	1162.37	1162.37
45.0	2220.40	2134.96	2029.03	1944.76	1858.15	1754.56	1631.08	1528.08	1418.06
90.0	2140.81	2032.54	1936.57	1840.01	1748.13	1626.98	1521.06	1396.41	1136.92
135.0	2250.25	2174.75	2092.24	1990.99	1895.02	1806.06	1687.26	1584.85	1500.58
180.0	2245.57	2164.81	2084.63	1981.05	1882.14	1782.65	1669.71	1575.48	1489.46
225.0	2057.12	1964.07	1874.53	1772.71	1692.53	1587.19	1497.65	1411.62	1163.54
270.0	2094.58	1993.92	1914.33	1829.47	1723.55	1632.25	1521.06	1428.59	1334.37
315.0	2005.04	1905.55	1816.01	1721.79	1598.31	1501.75	1405.18	1149.62	1149.62
360.0	2064.73	1977.53	1887.99	1794.36	1678.48	1581.92	1478.34	1162.37	1162.37
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1097.77	963.87	835.29	678.22	555.91	448.57	324.45	239.88	161.17
45.0	1272.92	1148.86	977.97	843.95	712.28	588.79	451.27	355.29	313.74
90.0	1136.92	1038.48	876.84	748.68	594.24	482.93	383.67	295.36	207.35
135.0	1401.09	1266.49	1134.81	1001.96	833.42	708.18	559.53	451.27	353.53
180.0	1395.23	1281.70	1130.71	987.92	815.86	684.77	555.44	420.25	325.44
225.0	1163.54	1032.51	896.56	759.45	600.62	482.64	383.50	300.92	215.13
270.0	1229.03	1083.31	959.83	825.23	685.94	538.47	427.86	335.98	297.94
315.0	1027.95	898.79	768.28	644.86	499.43	396.37	304.43	212.73	160.06
360.0	1097.77	963.87	835.29	678.22	555.91	448.57	324.45	239.88	161.17
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	122.66	100.25	81.81	70.87	62.79	56.12	49.16	44.89	41.14
45.0	313.74	144.32	115.58	96.39	82.52	69.70	61.74	55.48	48.57
90.0	158.36	127.93	108.21	89.71	79.01	70.64	63.20	55.83	50.62
135.0	309.06	309.06	141.10	117.10	99.08	82.63	72.57	63.79	56.88
180.0	303.79	303.79	127.23	106.86	89.77	76.31	64.78	57.47	50.97
225.0	165.21	131.50	104.93	89.19	74.56	65.78	58.70	52.67	46.23
270.0	297.94	141.57	119.33	98.49	86.09	76.08	66.13	59.93	54.48
315.0	120.15	100.72	86.09	72.28	63.61	56.65	50.91	45.06	41.20
360.0	122.66	100.25	81.81	70.87	62.79	56.12	49.16	44.89	41.14

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	37.86	34.29	32.07	30.08	27.92	26.34	24.93	23.23	22.06
45.0	44.18	39.44	36.17	33.36	30.37	28.38	26.63	25.16	23.53
90.0	45.18	41.32	38.10	34.88	32.60	30.37	28.62	26.63	25.28
135.0	49.63	44.65	40.44	35.87	32.89	30.43	27.92	26.22	24.76
180.0	45.65	40.44	36.64	33.71	30.61	28.44	26.80	24.81	23.47
225.0	41.96	38.33	34.47	31.95	29.85	27.92	25.81	24.29	23.00
270.0	48.28	44.30	41.20	38.39	35.23	32.83	30.67	28.85	26.80
315.0	37.86	35.17	32.71	30.31	28.50	26.34	24.70	23.17	21.59
360.0	37.86	34.29	32.07	30.08	27.92	26.34	24.93	23.23	22.06
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	20.95	19.72	18.90	18.20	17.56	16.85	16.39	15.92	15.51
45.0	22.30	21.13	19.96	19.08	18.08	17.38	16.68	16.15	15.74
90.0	23.94	22.65	21.19	20.13	19.31	18.32	17.67	17.09	16.44
135.0	23.12	22.00	21.01	20.13	19.20	18.49	17.91	17.32	16.68
180.0	22.30	21.07	20.25	19.49	18.84	18.08	17.62	17.09	16.50
225.0	21.89	20.54	19.55	18.55	17.85	17.26	16.56	16.09	15.63
270.0	25.40	23.53	22.18	21.07	19.84	18.90	18.14	17.38	16.80
315.0	20.42	19.20	18.32	17.56	16.97	16.33	15.86	15.39	14.98
360.0	20.95	19.72	18.90	18.20	17.56	16.85	16.39	15.92	15.51
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	14.98	14.63	14.28	13.93	13.64	13.28	12.99	12.76	12.47
45.0	15.22	14.86	14.51	14.05	13.75	13.40	13.11	12.82	12.52
90.0	15.98	15.51	14.98	14.57	14.22	13.87	13.40	13.05	12.76
135.0	16.21	15.74	15.22	14.86	14.46	14.10	13.81	13.46	13.11
180.0	16.09	15.74	15.27	14.92	14.51	14.22	13.93	13.64	13.28
225.0	15.22	14.75	14.40	14.10	13.75	13.34	13.05	12.76	12.41
270.0	16.27	15.80	15.22	14.69	14.28	13.93	13.46	13.17	12.82
315.0	14.57	14.10	13.75	13.46	13.11	12.82	12.47	12.17	11.94
360.0	14.98	14.63	14.28	13.93	13.64	13.28	12.99	12.76	12.47
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	12.17	11.88	11.65	11.35	11.06	10.83	10.53	10.24	10.01
45.0	12.23	12.00	11.65	11.41	11.12	10.77	10.53	10.24	10.01
90.0	12.35	12.11	11.82	11.41	11.12	10.83	10.53	10.24	9.95
135.0	12.76	12.52	12.23	11.88	11.59	11.29	11.00	10.71	10.42
180.0	12.99	12.70	12.41	12.06	11.82	11.53	11.24	10.89	10.59
225.0	12.17	11.82	11.53	11.29	11.00	10.65	10.42	10.18	9.95
270.0	12.47	12.11	11.76	11.41	11.12	10.83	10.53	10.30	10.01
315.0	11.65	11.35	11.12	10.83	10.53	10.30	10.07	9.83	9.60
360.0	12.17	11.88	11.65	11.35	11.06	10.83	10.53	10.24	10.01
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	9.71	9.60	9.36	9.19	9.01	8.72	8.60	8.37	8.08
45.0	9.77	9.48	9.25	9.07	8.84	8.66	8.49	8.31	8.19
90.0	9.66	9.42	9.19	8.95	8.78	8.54	8.37	8.25	8.08
135.0	10.12	9.89	9.60	9.31	9.13	8.90	8.66	8.49	8.31
180.0	10.30	10.07	9.83	9.60	9.36	9.07	8.84	8.72	8.54
225.0	9.66	9.42	9.25	9.01	8.78	8.54	8.43	8.31	8.13
270.0	9.71	9.54	9.31	9.01	8.84	8.60	8.43	8.31	8.19
315.0	9.36	9.19	8.95	8.78	8.60	8.43	8.31	8.19	8.08
360.0	9.71	9.60	9.36	9.19	9.01	8.72	8.60	8.37	8.08

Intensity data(cd)

<i>C/γ(°)</i>	<b>90.0</b>
<b>0.0</b>	<b>8.08</b>
<b>45.0</b>	<b>8.02</b>
<b>90.0</b>	<b>8.02</b>
<b>135.0</b>	<b>8.19</b>
<b>180.0</b>	<b>8.25</b>
<b>225.0</b>	<b>8.02</b>
<b>270.0</b>	<b>8.02</b>
<b>315.0</b>	<b>8.08</b>
<b>360.0</b>	<b>8.08</b>