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NT

Client:

LumCAT: 1-1207-L

Luminaire: 92.70.427.00

Report No: 2024727-B012

Ballast type: AC

Test No: 2024727-C012

Voltage(V): 35.790

LampCAT: TRIDONIC SLE G7 9MM

Current(A): 0.360

Lamp flux(lm): 2026.0

Power (W): 12.884

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

### Photometric Results

Lumens(lm): 1867.47, Efficiency(%): 92.18% , Luminous Efficacy(lm/W): 144.95

Central intensity(cd): 6426.854, Maximum intensity(cd): 6426.854

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

Beam Angle(50%Imax): [C0/180]Total=26.8

[C90/270]Total=26.8

Field angle(10%Imax): [C0/180]Total=56.6

[C90/270]Total=56.6

Maximum s/h(1/2): C0\_180=0.45 C90\_270=0.45

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(%): 92.18%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in  $\pi$  solid angle : 98.108%

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	6426.853	0.000	0	0.00%	0.00%
1.0	6397.153	6.136	6.136	0.30%	0.33%
2.0	6336.729	18.277	24.413	0.90%	1.31%
3.0	6257.065	30.120	54.533	1.49%	2.92%
4.0	6129.047	41.460	95.993	2.05%	5.14%
5.0	5953.333	51.978	147.971	2.57%	7.92%
6.0	5732.630	61.413	209.384	3.03%	11.21%
7.0	5458.086	69.461	278.845	3.43%	14.93%
8.0	5176.813	76.112	354.957	3.76%	19.01%
9.0	4860.572	81.348	436.304	4.02%	23.36%
10.0	4518.069	84.873	521.177	4.19%	27.91%
11.0	4152.084	86.633	607.81	4.28%	32.55%
12.0	3798.169	86.908	694.718	4.29%	37.20%
13.0	3379.221	85.178	779.895	4.20%	41.76%
14.0	3003.945	81.704	861.599	4.03%	46.14%
15.0	2650.177	77.622	939.221	3.83%	50.29%
16.0	2313.746	72.735	1011.957	3.59%	54.19%
17.0	1980.460	66.872	1078.829	3.30%	57.77%
18.0	1730.349	61.183	1140.012	3.02%	61.05%
19.0	1467.064	55.628	1195.641	2.75%	64.02%
20.0	1306.522	50.764	1246.405	2.51%	66.74%
21.0	1218.643	48.488	1294.893	2.39%	69.34%
22.0	1119.243	46.981	1341.874	2.32%	71.86%
23.0	1033.295	45.166	1387.04	2.23%	74.27%
24.0	947.033	43.297	1430.337	2.14%	76.59%
25.0	876.345	41.460	1471.797	2.05%	78.81%
26.0	805.606	39.703	1511.5	1.96%	80.94%
27.0	734.823	37.687	1549.187	1.86%	82.96%
28.0	665.913	35.464	1584.65	1.75%	84.86%
29.0	586.395	32.764	1617.414	1.62%	86.61%
30.0	509.855	29.599	1647.013	1.46%	88.19%
31.0	431.143	26.187	1673.199	1.29%	89.60%
32.0	363.637	22.769	1695.969	1.12%	90.82%
33.0	296.534	19.449	1715.418	0.96%	91.86%
34.0	249.467	16.524	1731.941	0.82%	92.74%
35.0	219.964	14.579	1746.52	0.72%	93.52%
36.0	153.029	11.876	1758.396	0.59%	94.16%
37.0	115.443	8.756	1767.152	0.43%	94.63%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	91.668	6.913	1774.065	0.34%	95.00%
39.0	74.587	5.675	1779.74	0.28%	95.30%
40.0	62.795	4.791	1784.531	0.24%	95.56%
41.0	54.294	4.169	1788.701	0.21%	95.78%
42.0	48.281	3.727	1792.428	0.18%	95.98%
43.0	43.365	3.395	1795.823	0.17%	96.16%
44.0	39.408	3.124	1798.947	0.15%	96.33%
45.0	36.357	2.912	1801.858	0.14%	96.49%
46.0	33.511	2.732	1804.591	0.13%	96.63%
47.0	30.995	2.566	1807.156	0.13%	96.77%
48.0	29.056	2.428	1809.584	0.12%	96.90%
49.0	27.213	2.311	1811.895	0.11%	97.02%
50.0	25.523	2.199	1814.093	0.11%	97.14%
51.0	24.016	2.096	1816.189	0.10%	97.25%
52.0	22.846	2.011	1818.2	0.10%	97.36%
53.0	21.822	1.943	1820.143	0.10%	97.47%
54.0	20.819	1.879	1822.023	0.09%	97.57%
55.0	19.927	1.819	1823.842	0.09%	97.66%
56.0	19.049	1.761	1825.603	0.09%	97.76%
57.0	18.296	1.707	1827.31	0.08%	97.85%
58.0	17.549	1.658	1828.968	0.08%	97.94%
59.0	16.891	1.610	1830.578	0.08%	98.02%
60.0	16.269	1.567	1832.145	0.08%	98.11%
61.0	15.721	1.527	1833.671	0.08%	98.19%
62.0	15.223	1.491	1835.162	0.07%	98.27%
63.0	14.696	1.455	1836.617	0.07%	98.35%
64.0	14.265	1.421	1838.038	0.07%	98.42%
65.0	13.848	1.391	1839.43	0.07%	98.50%
66.0	13.446	1.362	1840.792	0.07%	98.57%
67.0	13.065	1.333	1842.125	0.07%	98.64%
68.0	12.743	1.307	1843.432	0.06%	98.71%
69.0	12.480	1.287	1844.719	0.06%	98.78%
70.0	12.224	1.269	1845.987	0.06%	98.85%
71.0	11.982	1.251	1847.239	0.06%	98.92%
72.0	11.734	1.233	1848.472	0.06%	98.98%
73.0	11.507	1.215	1849.687	0.06%	99.05%
74.0	11.251	1.196	1850.884	0.06%	99.11%
75.0	11.002	1.176	1852.059	0.06%	99.17%

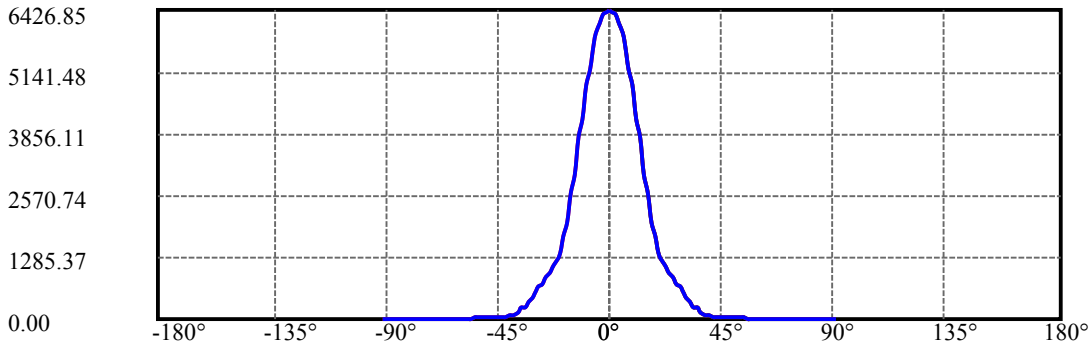
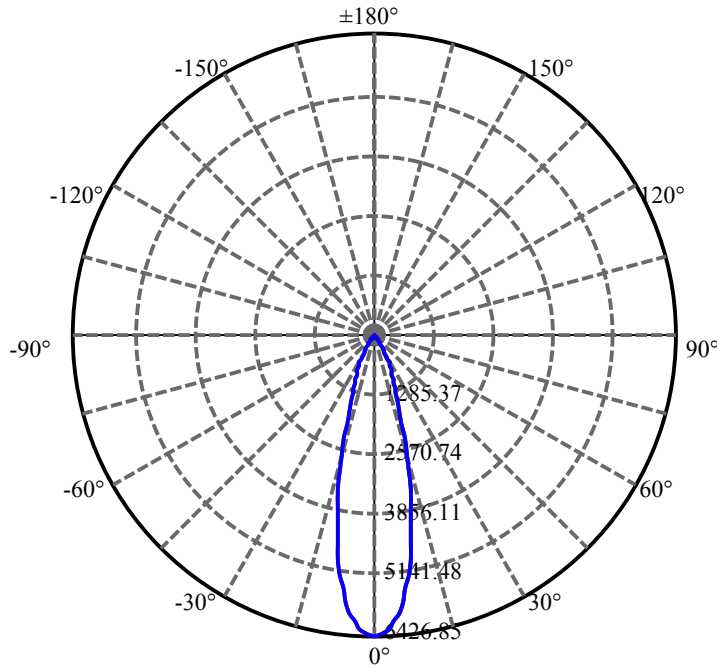
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	10.761	1.155	1853.215	0.06%	99.24%
77.0	10.549	1.136	1854.351	0.06%	99.30%
78.0	10.351	1.119	1855.469	0.06%	99.36%
79.0	10.124	1.100	1856.57	0.05%	99.42%
80.0	9.920	1.081	1857.65	0.05%	99.47%
81.0	9.751	1.064	1858.714	0.05%	99.53%
82.0	9.568	1.048	1859.762	0.05%	99.59%
83.0	9.371	1.030	1860.791	0.05%	99.64%
84.0	9.173	1.010	1861.801	0.05%	99.70%
85.0	8.998	0.992	1862.793	0.05%	99.75%
86.0	8.815	0.974	1863.767	0.05%	99.80%
87.0	8.632	0.955	1864.722	0.05%	99.85%
88.0	8.464	0.936	1865.658	0.05%	99.90%
89.0	8.259	0.917	1866.575	0.05%	99.95%
90.0	8.105	0.897	1867.472	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1647.01	81.29%	88.19%
0-40	1784.53	88.08%	95.56%
0-60	1832.14	90.43%	98.11%
0-90	1866.57	92.13%	99.95%
0-120	1866.57	92.13%	99.95%
0-180	1867.47	92.18%	100.00%
60-90	34.43	1.70%	1.84%
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%
0-25.56	1493.98	73.74%	80.00%

ZONAL LUMEN SUMMARY

0-10	521.18
10-20	725.23
20-30	400.61
30-40	137.52
40-50	29.56
50-60	18.05
60-70	13.84
70-80	11.66
80-90	8.92
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: —————

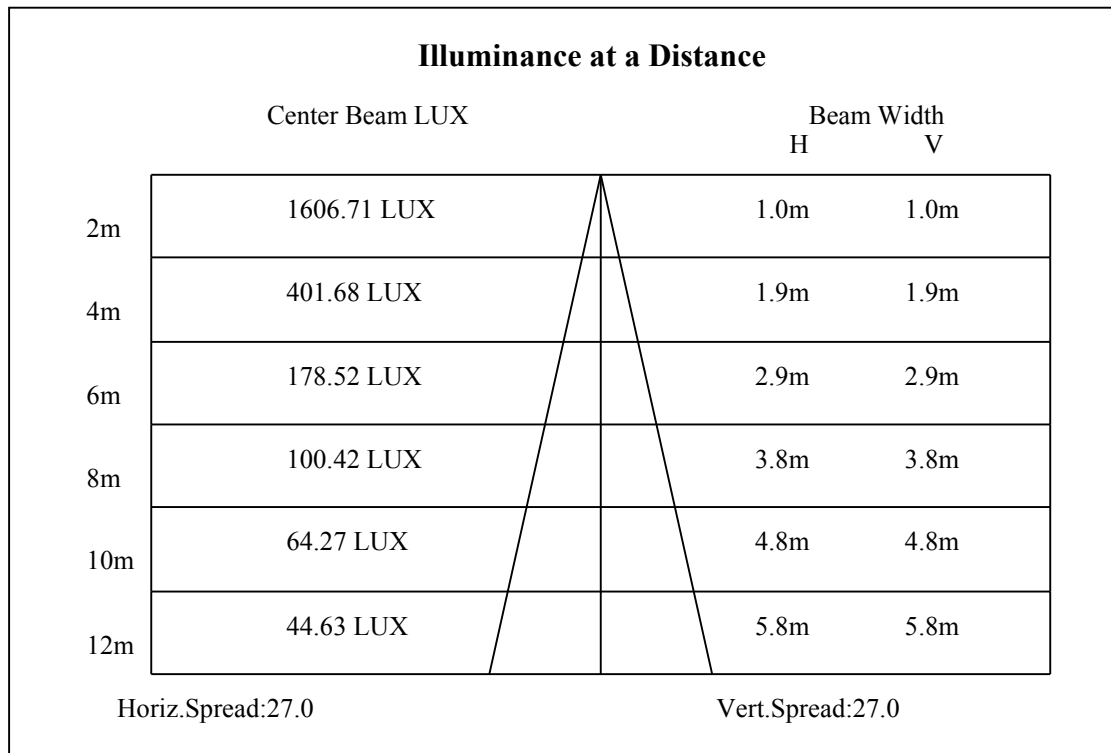
C90/C270: —————

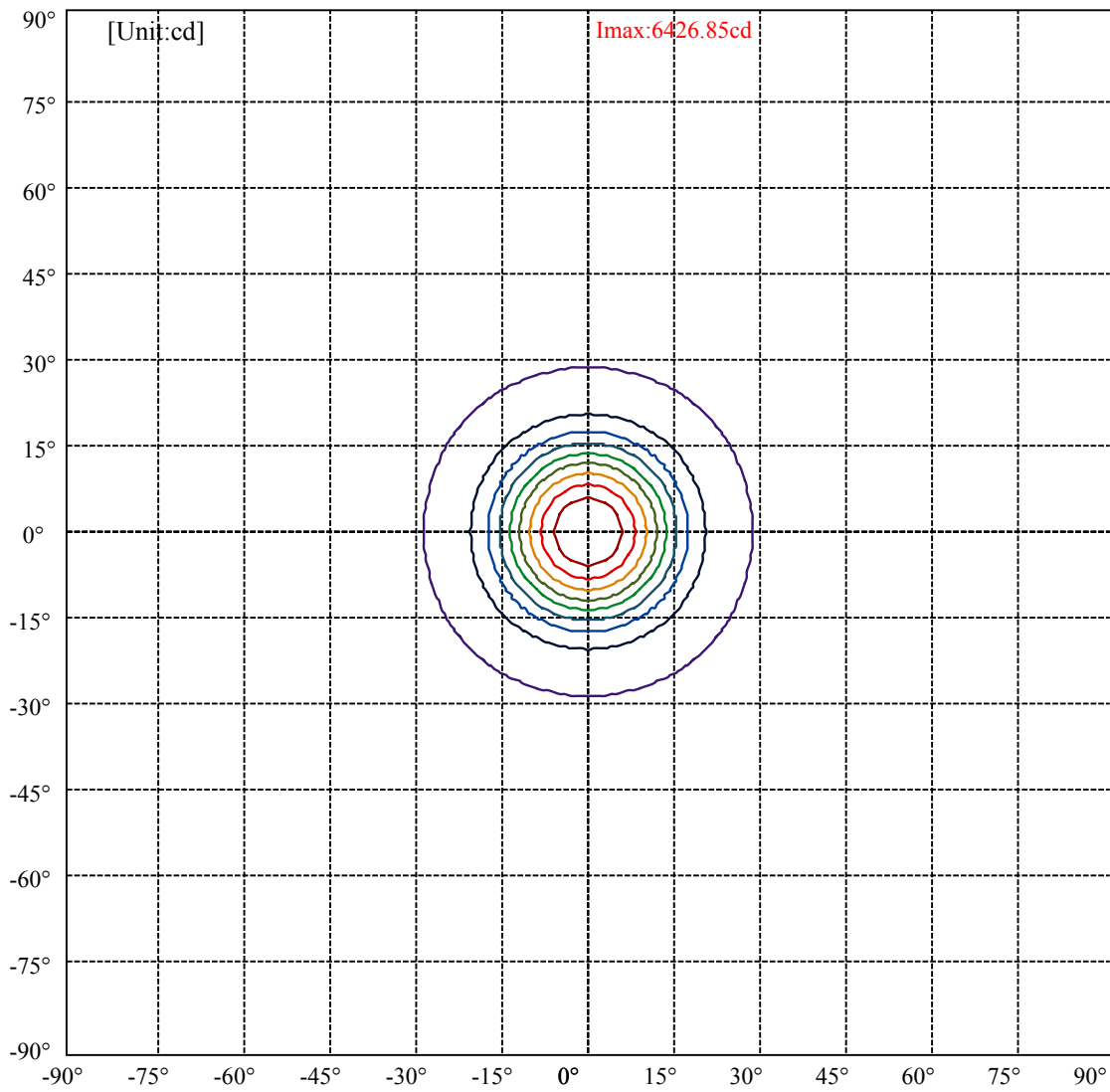
Field angle(10%Imax):C0/180Left:28.3 Right:28.3

:C90/270Left:28.3 Right:28.3

Beam Angle(50%Imax):C0/180Left:13.4 Right:13.4

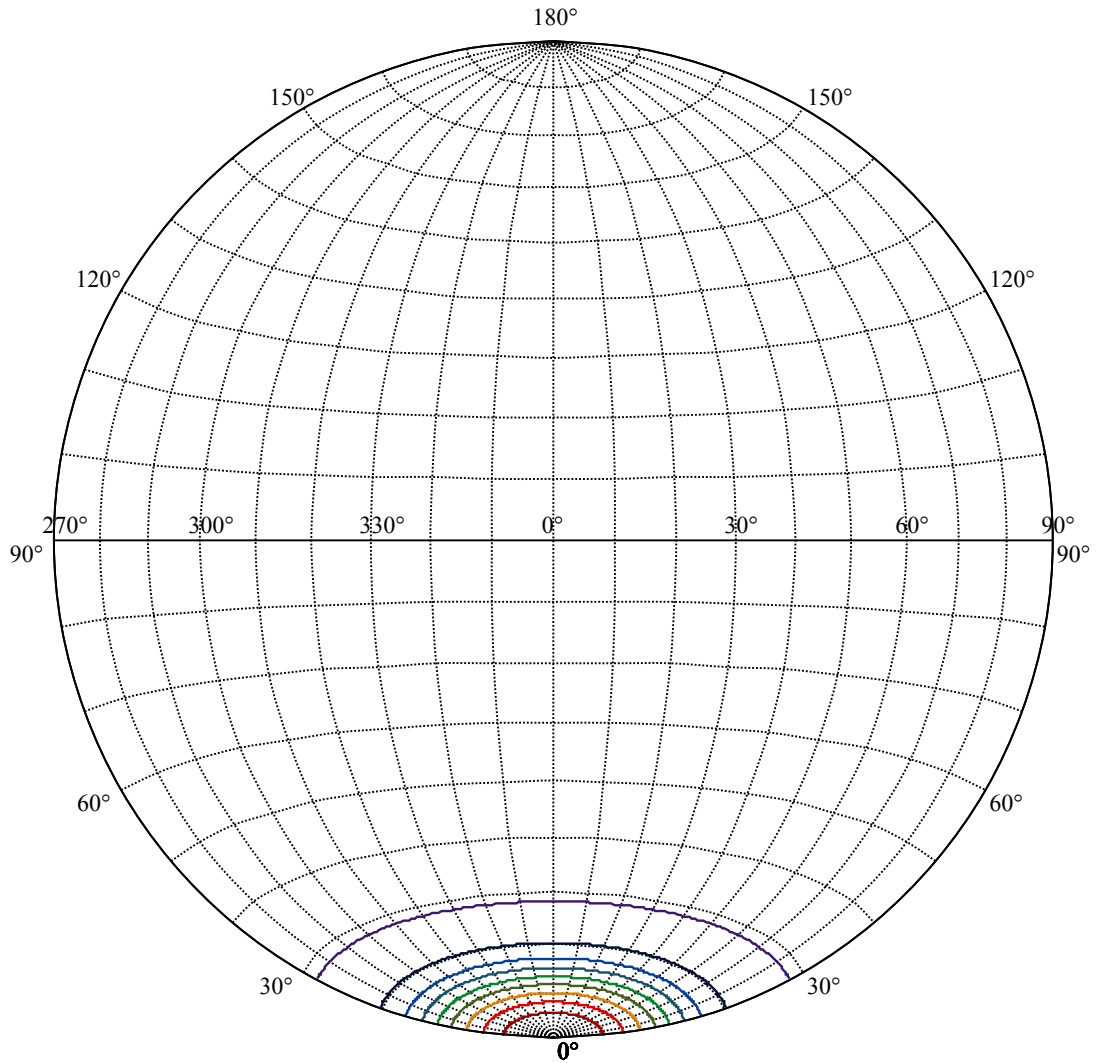
:C90/270Left:13.4 Right:13.4





(10%Imax) 642.685	—
(20%Imax) 1285.37	—
(30%Imax) 1928.06	—
(40%Imax) 2570.74	—
(50%Imax) 3213.43	—
(60%Imax) 3856.11	—
(70%Imax) 4498.8	—
(80%Imax) 5141.48	—
(90%Imax) 5784.17	—





House

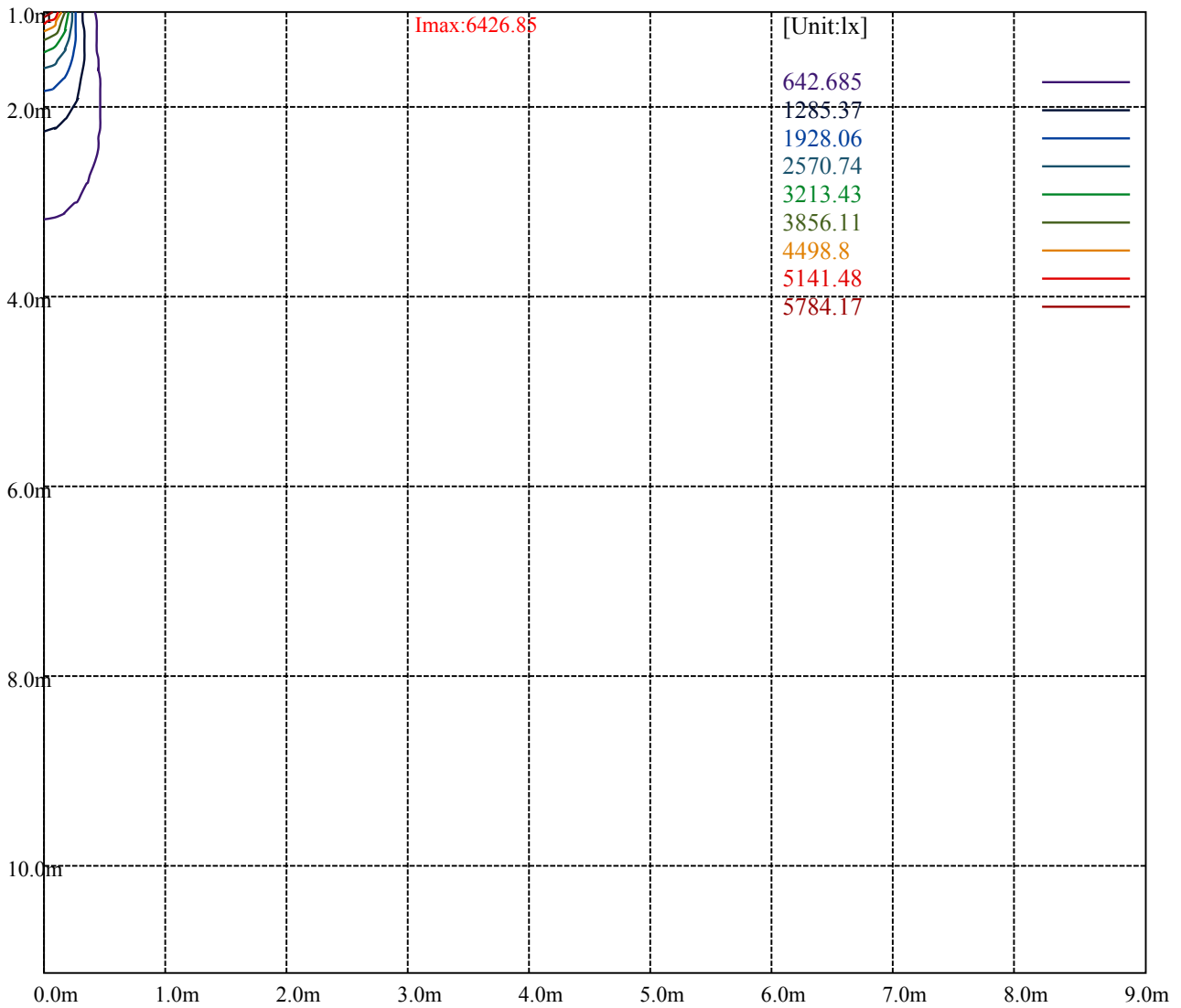
[Unit:cd]

Road

**Imax:6426.85**

(10%Imax) 642.685	—
(20%Imax) 1285.37	—
(30%Imax) 1928.06	—
(40%Imax) 2570.74	—
(50%Imax) 3213.43	—
(60%Imax) 3856.11	—
(70%Imax) 4498.8	—
(80%Imax) 5141.48	—
(90%Imax) 5784.17	—





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

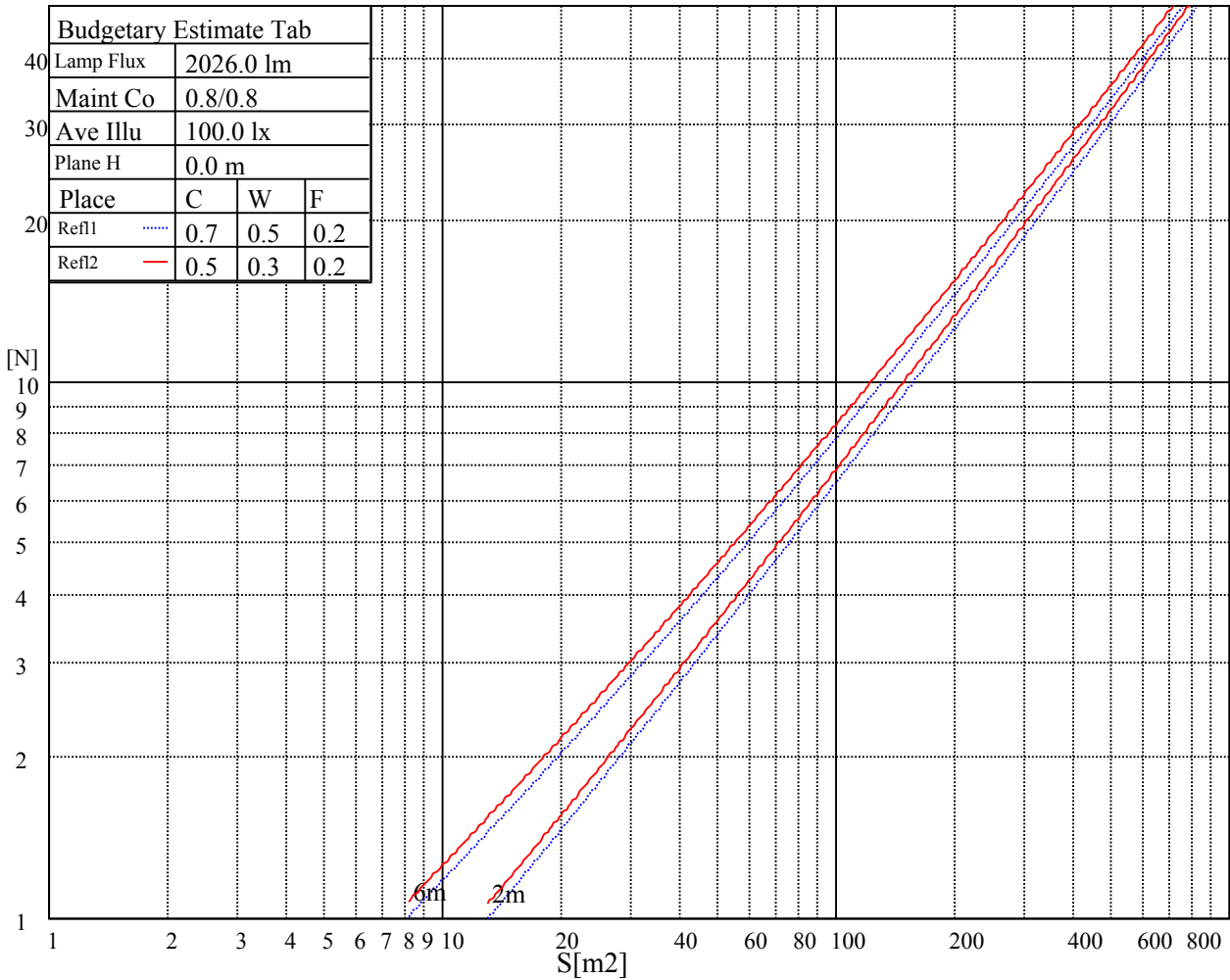
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

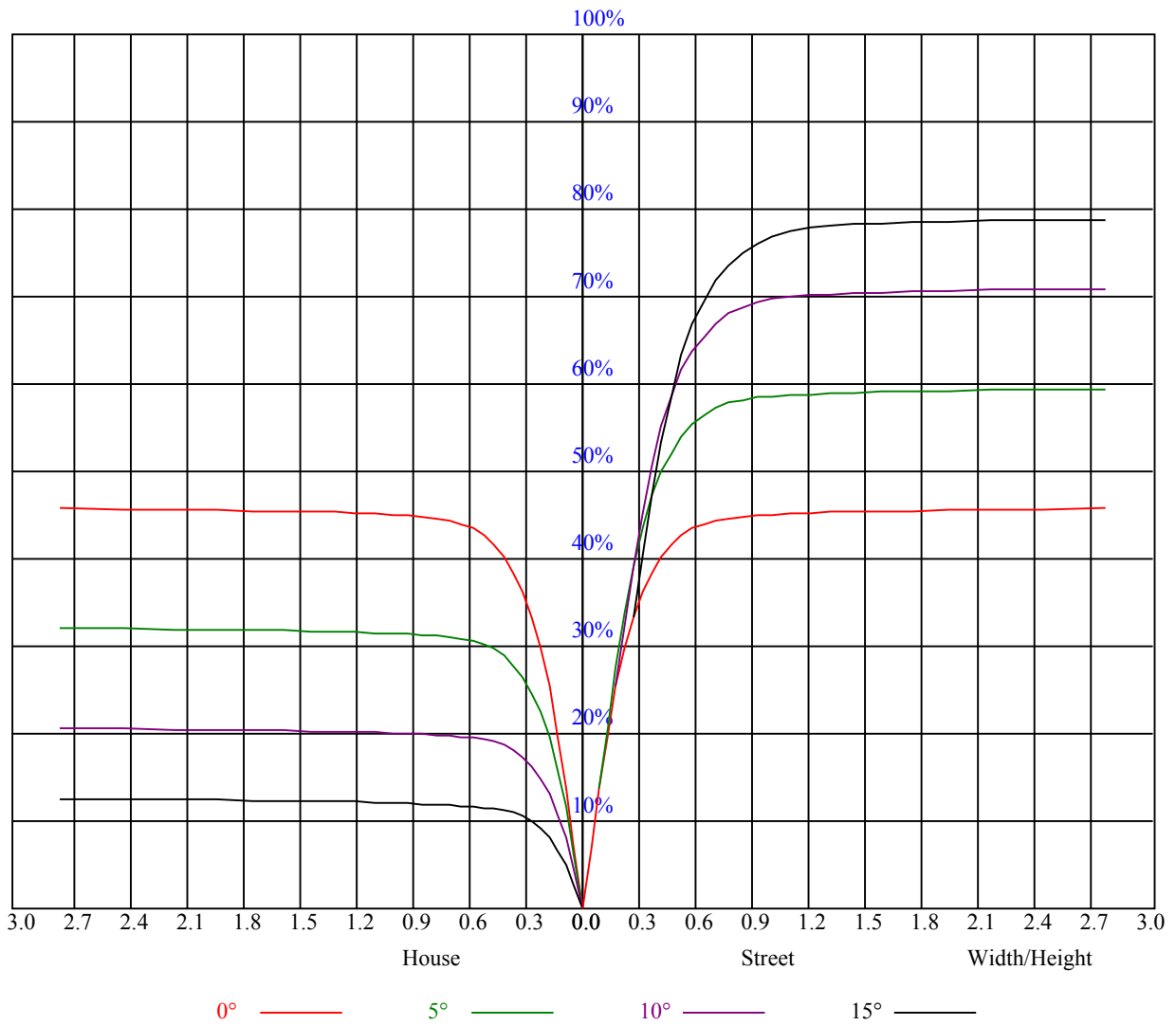


Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字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

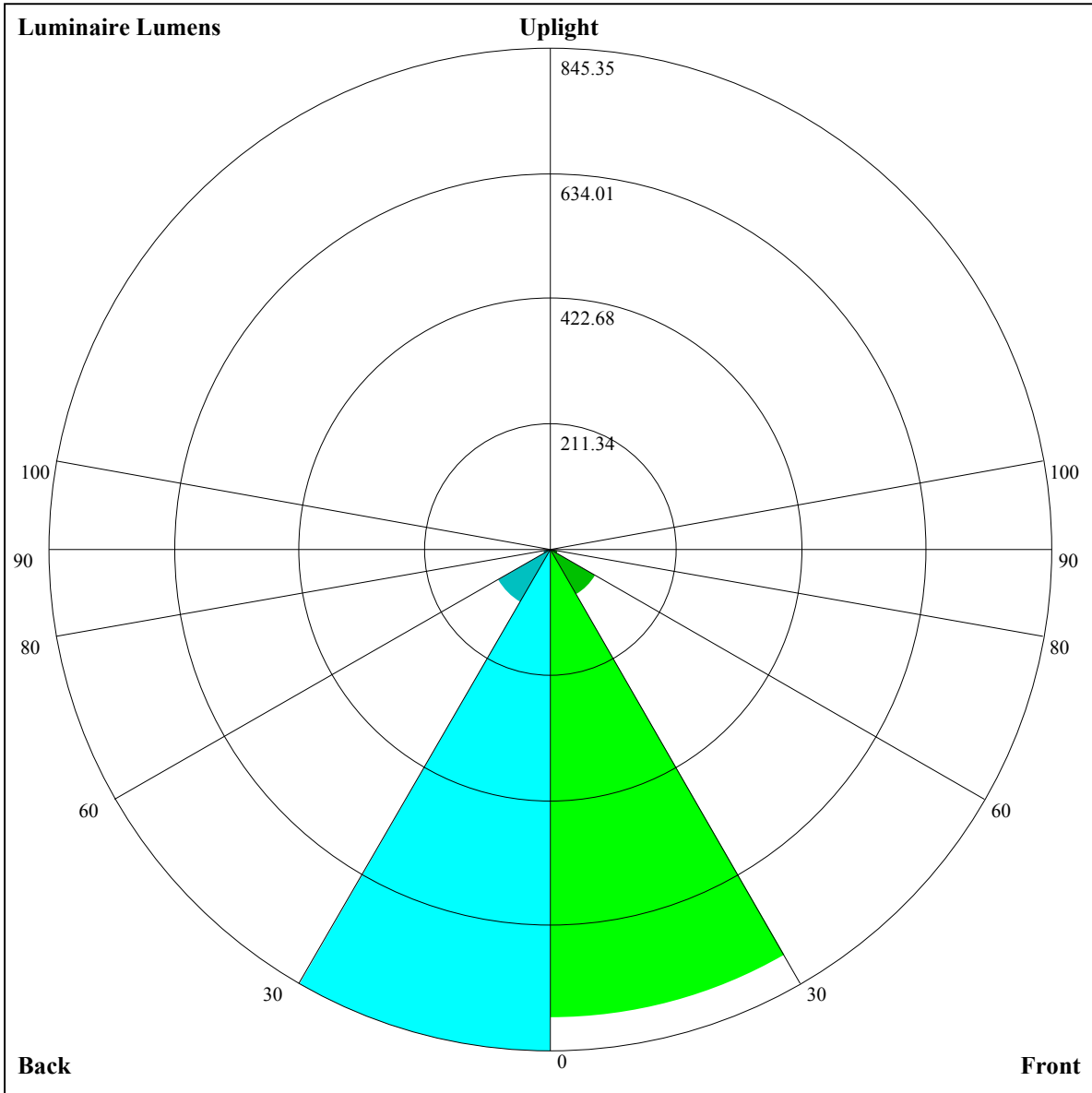
UGR calculation is based on CIE Publ. 117 ,S/H = 0.25



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 RHOFC=20 CU															
0	1.10	1.10	1.10	1.07	1.07	1.07	1.02	1.02	1.02	0.98	0.98	0.98	0.94	0.94	0.94	0.92
1	1.03	1.01	0.99	1.01	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88
2	0.97	0.94	0.91	0.96	0.93	0.90	0.93	0.91	0.88	0.90	0.88	0.87	0.88	0.86	0.85	0.83
3	0.92	0.89	0.86	0.91	0.88	0.85	0.89	0.86	0.83	0.87	0.84	0.82	0.85	0.83	0.81	0.80
4	0.88	0.84	0.81	0.87	0.83	0.80	0.85	0.82	0.79	0.83	0.81	0.78	0.82	0.79	0.78	0.76
5	0.84	0.80	0.77	0.83	0.79	0.76	0.82	0.78	0.76	0.80	0.77	0.75	0.79	0.76	0.74	0.73
6	0.81	0.76	0.73	0.80	0.76	0.73	0.79	0.75	0.72	0.78	0.74	0.72	0.76	0.74	0.71	0.70
7	0.77	0.73	0.70	0.77	0.73	0.70	0.76	0.72	0.69	0.75	0.72	0.69	0.74	0.71	0.69	0.68
8	0.75	0.70	0.67	0.74	0.70	0.67	0.73	0.69	0.67	0.72	0.69	0.67	0.72	0.69	0.66	0.65
9	0.72	0.68	0.65	0.72	0.67	0.65	0.71	0.67	0.64	0.70	0.67	0.64	0.69	0.66	0.64	0.63
10	0.69	0.65	0.62	0.69	0.65	0.62	0.68	0.65	0.62	0.68	0.64	0.62	0.67	0.64	0.62	0.61







Luminaire Lumens:

FL=789.74,FM=86.71,FH=12.75,FVH=4.9

BL=845.35,BM=103.17,BH=12.71,BVH=4.9

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	6408.86	6350.33	6282.45	6212.22	6034.90	5865.18	5649.82	5325.02	5039.43
45.0	6425.83	6428.76	6371.40	6289.47	6188.81	6055.38	5807.25	5576.67	5253.62
90.0	6434.02	6384.28	6292.40	6188.81	6029.05	5838.85	5546.82	5284.64	4985.01
135.0	6438.70	6450.41	6425.83	6379.60	6316.98	6221.59	6067.09	5825.39	5607.10
180.0	6408.86	6422.90	6399.49	6369.06	6313.47	6210.47	6065.33	5879.81	5628.17
225.0	6425.83	6373.74	6294.74	6205.78	6060.65	5792.62	5559.70	5296.93	5017.78
270.0	6434.02	6430.51	6374.91	6276.60	6116.24	5929.56	5710.10	5369.50	5073.37
315.0	6438.70	6336.29	6252.60	6134.97	5972.28	5713.02	5454.94	5106.73	4810.02
360.0	6408.86	6350.33	6282.45	6212.22	6034.90	5865.18	5649.82	5325.02	5039.43
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4644.40	4309.07	3961.45	3590.41	3134.52	2783.97	2459.76	2164.81	1808.40
45.0	4961.60	4660.21	4322.53	3975.49	3510.82	3134.52	2782.22	2366.71	2067.66
90.0	4651.43	4208.41	3856.11	3480.39	3107.60	2680.97	2349.74	1989.24	1742.86
135.0	5335.55	4976.81	4656.69	4306.14	3837.96	3458.74	3073.07	2694.43	2265.46
180.0	5371.84	5090.35	4700.00	4350.62	3871.32	3512.58	3140.96	2788.66	2366.71
225.0	4652.60	4338.33	3918.14	3574.03	3238.69	2814.99	2484.34	2184.12	1911.40
270.0	4774.32	4453.04	4058.01	3712.73	3373.30	3022.75	2611.92	2312.87	1985.14
315.0	4492.83	4108.34	3743.74	3395.53	2959.54	2623.04	2299.41	2009.14	1696.04
360.0	4644.40	4309.07	3961.45	3590.41	3134.52	2783.97	2459.76	2164.81	1808.40
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1581.34	1291.65	1149.15	1123.69	1036.14	955.09	863.62	797.25	712.22
45.0	1811.33	1601.23	1387.04	1260.05	1138.32	1051.12	970.36	883.75	815.86
90.0	1534.52	1160.03	1160.03	1109.88	1024.73	936.42	871.81	811.36	751.66
135.0	1968.17	1721.21	1519.89	1340.81	1230.20	1136.57	1039.42	963.92	874.97
180.0	2045.42	1769.19	1555.00	1392.31	1237.81	1143.00	1034.74	963.34	896.04
225.0	1642.20	1474.24	1149.97	1149.97	1108.01	1035.56	968.31	905.69	832.78
270.0	1758.66	1569.63	1381.77	1265.90	1155.29	1062.24	970.95	897.21	835.76
315.0	1501.16	1149.32	1149.32	1106.54	1023.44	946.37	857.06	788.24	725.56
360.0	1581.34	1291.65	1149.15	1123.69	1036.14	955.09	863.62	797.25	712.22
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	643.45	569.01	475.50	402.87	335.63	275.52	209.57	165.62	129.86
45.0	745.64	674.24	588.21	517.98	447.17	380.45	304.96	304.96	239.88
90.0	676.99	614.49	549.23	481.17	395.50	332.76	263.82	214.54	171.53
135.0	812.35	752.66	670.14	600.50	527.35	450.68	379.87	303.79	303.79
180.0	815.28	753.83	683.60	591.14	517.40	441.90	367.58	298.52	298.52
225.0	767.05	698.11	603.60	527.40	430.37	360.91	299.75	244.92	186.63
270.0	774.90	695.31	628.59	558.95	467.07	399.77	333.05	303.79	303.79
315.0	642.93	569.66	492.29	398.83	328.66	267.10	213.67	159.59	125.71
360.0	643.45	569.01	475.50	402.87	335.63	275.52	209.57	165.62	129.86
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	102.41	79.18	66.31	57.29	49.45	44.65	41.08	37.28	34.59
45.0	159.82	120.38	96.91	75.90	65.02	57.53	50.15	45.71	41.96
90.0	129.51	104.76	85.50	71.22	59.22	52.14	46.99	42.55	38.68
135.0	236.66	155.08	116.11	93.34	77.25	64.08	56.65	50.62	45.18
180.0	181.54	141.33	114.24	87.37	73.86	61.86	54.72	49.33	44.36
225.0	149.23	119.62	92.64	77.78	66.77	58.58	52.14	46.12	42.25
270.0	165.56	122.90	98.14	79.30	62.91	53.96	46.99	41.67	37.04
315.0	99.49	80.29	63.50	54.48	47.87	41.55	37.51	33.65	31.19
360.0	102.41	79.18	66.31	57.29	49.45	44.65	41.08	37.28	34.59

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	32.48	30.31	28.79	27.56	26.51	25.40	24.64	23.76	23.00
45.0	38.68	35.11	32.71	30.55	28.62	26.39	24.87	23.53	22.06
90.0	35.82	33.07	30.37	28.44	26.69	24.70	23.35	21.95	21.01
135.0	41.67	37.51	34.59	32.07	29.61	27.21	25.34	23.76	22.36
180.0	40.97	37.98	34.47	32.07	29.96	27.97	25.69	24.29	23.00
225.0	38.10	35.17	32.19	29.96	28.03	26.34	24.40	23.12	21.89
270.0	34.00	31.43	29.14	27.27	24.87	23.58	22.18	21.13	20.37
315.0	29.14	27.51	25.69	24.52	23.41	22.59	21.65	21.24	20.89
360.0	32.48	30.31	28.79	27.56	26.51	25.40	24.64	23.76	23.00
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	22.24	21.42	20.66	19.66	18.84	18.02	17.38	16.74	16.04
45.0	21.07	20.25	19.14	18.49	17.67	17.09	16.56	16.04	15.45
90.0	20.07	19.31	18.49	17.91	17.32	16.74	16.09	15.63	15.16
135.0	20.95	19.78	18.84	18.14	17.26	16.62	15.98	15.39	14.92
180.0	21.54	20.48	19.43	18.73	17.73	17.09	16.33	15.74	15.27
225.0	20.78	19.49	18.55	17.73	17.09	16.33	15.74	15.27	14.81
270.0	19.61	19.14	18.43	17.85	17.26	16.62	16.09	15.51	15.22
315.0	20.31	19.55	18.84	17.85	17.21	16.62	15.98	15.45	14.92
360.0	22.24	21.42	20.66	19.66	18.84	18.02	17.38	16.74	16.04
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	15.39	14.86	14.22	13.75	13.34	13.11	12.93	12.64	12.41
45.0	15.04	14.63	14.22	13.81	13.28	12.99	12.64	12.35	12.11
90.0	14.63	14.22	13.81	13.28	12.93	12.52	12.17	12.00	11.70
135.0	14.46	14.10	13.81	13.46	13.11	12.76	12.47	12.17	11.94
180.0	14.69	14.40	14.05	13.81	13.52	13.17	12.99	12.76	12.52
225.0	14.40	13.87	13.52	13.11	12.76	12.41	12.17	11.94	11.70
270.0	14.75	14.34	13.87	13.40	12.99	12.64	12.35	12.06	11.82
315.0	14.22	13.69	13.28	12.93	12.58	12.35	12.11	11.88	11.65
360.0	15.39	14.86	14.22	13.75	13.34	13.11	12.93	12.64	12.41
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	12.11	11.82	11.65	11.41	11.12	10.89	10.65	10.42	10.24
45.0	11.82	11.53	11.29	11.00	10.83	10.59	10.42	10.12	9.95
90.0	11.47	11.18	10.94	10.65	10.42	10.24	10.01	9.83	9.66
135.0	11.70	11.53	11.24	11.00	10.71	10.53	10.36	10.12	9.89
180.0	12.29	12.11	11.82	11.59	11.29	11.00	10.83	10.59	10.30
225.0	11.47	11.29	11.06	10.77	10.59	10.42	10.18	9.95	9.71
270.0	11.59	11.41	11.12	10.89	10.71	10.48	10.24	10.07	9.89
315.0	11.41	11.18	10.89	10.71	10.42	10.24	10.12	9.89	9.71
360.0	12.11	11.82	11.65	11.41	11.12	10.89	10.65	10.42	10.24
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	10.07	9.89	9.66	9.48	9.31	9.07	8.90	8.66	8.19
45.0	9.83	9.60	9.42	9.19	9.07	8.84	8.66	8.54	8.31
90.0	9.48	9.31	9.13	8.95	8.78	8.60	8.43	8.31	8.13
135.0	9.71	9.54	9.36	9.19	8.95	8.84	8.60	8.49	8.37
180.0	10.12	9.89	9.77	9.48	9.31	9.13	8.95	8.78	8.60
225.0	9.54	9.42	9.19	9.01	8.84	8.66	8.49	8.31	8.13
270.0	9.66	9.54	9.25	9.07	8.90	8.72	8.54	8.37	8.19
315.0	9.60	9.36	9.19	9.01	8.84	8.66	8.49	8.25	8.13
360.0	10.07	9.89	9.66	9.48	9.31	9.07	8.90	8.66	8.19

Intensity data(cd)

<i>C/γ(°)</i>	<b>90.0</b>
<b>0.0</b>	<b>8.19</b>
<b>45.0</b>	<b>8.13</b>
<b>90.0</b>	<b>8.02</b>
<b>135.0</b>	<b>8.19</b>
<b>180.0</b>	<b>8.13</b>
<b>225.0</b>	<b>8.02</b>
<b>270.0</b>	<b>8.08</b>
<b>315.0</b>	<b>8.08</b>
<b>360.0</b>	<b>8.19</b>