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NT

Client:

LumCAT: 2-2679-L

Luminaire: 92.70.412.00

Report No: 2024308-B013

Ballast type: AC

Test No: 2024308-C013

Voltage(V): 0.000

LampCAT: BRIDGELUX V13B LES13

Current(A): 0.000

Lamp flux(lm): 2653.0

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): 2241.39, Efficiency(%): 84.49% , Luminous Efficacy(lm/W): 0.00

Central intensity(cd): 7372.577, Maximum intensity(cd): 7372.577

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

Beam Angle(50%Imax): [C0/180]Total=24.2

[C90/270]Total=24.2

Field angle(10%Imax): [C0/180]Total=60.6

[C90/270]Total=60.6

Maximum s/h(1/2): C0\_180=0.40 C90\_270=0.40

Maximum s/h(1/4): C0\_180=0.47 C90\_270=0.47

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 84.48%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in  $\pi$  solid angle : 97.938%

Equipment: GMS1980  
Temperature(°C): 25.0

Date: 2024/3/8  
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	7372.577	0.000	0	0.00%	0.00%
1.0	7318.663	7.029	7.029	0.26%	0.31%
2.0	7143.973	20.758	27.788	0.78%	1.24%
3.0	6863.577	33.501	61.289	1.26%	2.73%
4.0	6528.097	44.826	106.115	1.69%	4.73%
5.0	6186.033	54.696	160.811	2.06%	7.17%
6.0	5810.684	63.046	223.857	2.38%	9.99%
7.0	5434.750	69.800	293.657	2.63%	13.10%
8.0	5062.547	75.127	368.784	2.83%	16.45%
9.0	4730.432	79.367	448.151	2.99%	19.99%
10.0	4348.427	82.160	530.311	3.10%	23.66%
11.0	4028.674	83.704	614.016	3.16%	27.39%
12.0	3703.801	84.527	698.543	3.19%	31.17%
13.0	3416.675	84.502	783.045	3.19%	34.94%
14.0	3132.402	83.828	866.872	3.16%	38.68%
15.0	2872.197	82.434	949.306	3.11%	42.35%
16.0	2638.253	80.744	1030.05	3.04%	45.96%
17.0	2417.916	78.738	1108.788	2.97%	49.47%
18.0	2232.399	76.674	1185.462	2.89%	52.89%
19.0	2057.710	74.639	1260.101	2.81%	56.22%
20.0	1898.967	72.418	1332.519	2.73%	59.45%
21.0	1747.467	70.019	1402.538	2.64%	62.57%
22.0	1624.643	67.764	1470.302	2.55%	65.60%
23.0	1484.591	65.240	1535.542	2.46%	68.51%
24.0	1378.095	62.589	1598.131	2.36%	71.30%
25.0	1278.395	60.403	1658.533	2.28%	74.00%
26.0	1173.127	57.868	1716.402	2.18%	76.58%
27.0	1084.612	55.236	1771.638	2.08%	79.04%
28.0	983.800	52.368	1824.006	1.97%	81.38%
29.0	881.634	48.805	1872.811	1.84%	83.56%
30.0	769.468	44.579	1917.39	1.68%	85.54%
31.0	666.718	39.967	1957.357	1.51%	87.33%
32.0	568.627	35.391	1992.748	1.33%	88.91%
33.0	473.140	30.691	2023.439	1.16%	90.28%
34.0	386.673	26.020	2049.46	0.98%	91.44%
35.0	316.833	21.848	2071.308	0.82%	92.41%
36.0	258.984	18.334	2089.642	0.69%	93.23%
37.0	196.987	14.871	2104.513	0.56%	93.89%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	159.547	11.901	2116.414	0.45%	94.42%
39.0	111.017	9.235	2125.649	0.35%	94.84%
40.0	82.773	6.759	2132.408	0.25%	95.14%
41.0	68.435	5.384	2137.792	0.20%	95.38%
42.0	61.456	4.719	2142.511	0.18%	95.59%
43.0	55.450	4.331	2146.842	0.16%	95.78%
44.0	50.798	4.010	2150.852	0.15%	95.96%
45.0	46.781	3.750	2154.602	0.14%	96.13%
46.0	43.248	3.521	2158.123	0.13%	96.29%
47.0	40.344	3.325	2161.447	0.13%	96.43%
48.0	37.579	3.150	2164.597	0.12%	96.57%
49.0	35.267	2.991	2167.589	0.11%	96.71%
50.0	32.970	2.845	2170.434	0.11%	96.83%
51.0	31.207	2.715	2173.149	0.10%	96.96%
52.0	29.671	2.612	2175.762	0.10%	97.07%
53.0	28.332	2.523	2178.285	0.10%	97.18%
54.0	27.271	2.451	2180.735	0.09%	97.29%
55.0	26.459	2.398	2183.134	0.09%	97.40%
56.0	26.006	2.371	2185.505	0.09%	97.51%
57.0	25.786	2.368	2187.873	0.09%	97.61%
58.0	25.896	2.390	2190.263	0.09%	97.72%
59.0	26.101	2.431	2192.694	0.09%	97.83%
60.0	26.240	2.473	2195.166	0.09%	97.94%
61.0	26.152	2.500	2197.667	0.09%	98.05%
62.0	25.655	2.496	2200.163	0.09%	98.16%
63.0	24.675	2.448	2202.611	0.09%	98.27%
64.0	23.190	2.349	2204.96	0.09%	98.37%
65.0	21.587	2.216	2207.175	0.08%	98.47%
66.0	19.766	2.063	2209.239	0.08%	98.57%
67.0	18.157	1.907	2211.146	0.07%	98.65%
68.0	16.913	1.777	2212.922	0.07%	98.73%
69.0	16.013	1.680	2214.602	0.06%	98.80%
70.0	15.318	1.609	2216.211	0.06%	98.88%
71.0	14.726	1.553	2217.764	0.06%	98.95%
72.0	14.243	1.506	2219.27	0.06%	99.01%
73.0	13.841	1.469	2220.739	0.06%	99.08%
74.0	13.482	1.436	2222.175	0.05%	99.14%
75.0	13.204	1.410	2223.585	0.05%	99.21%

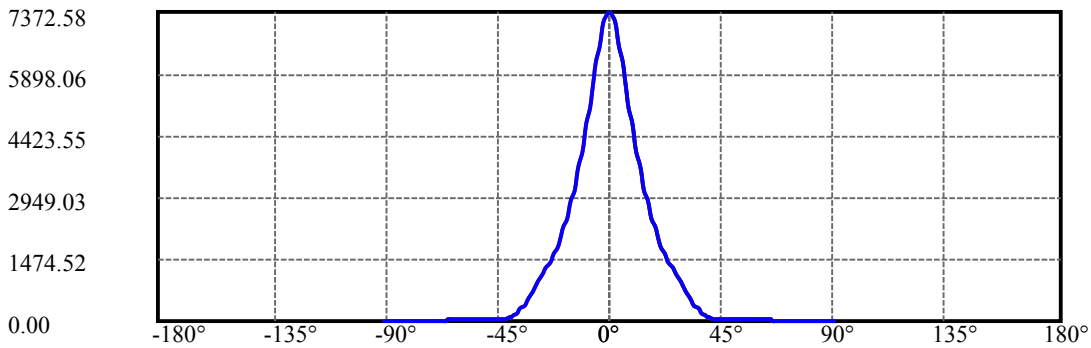
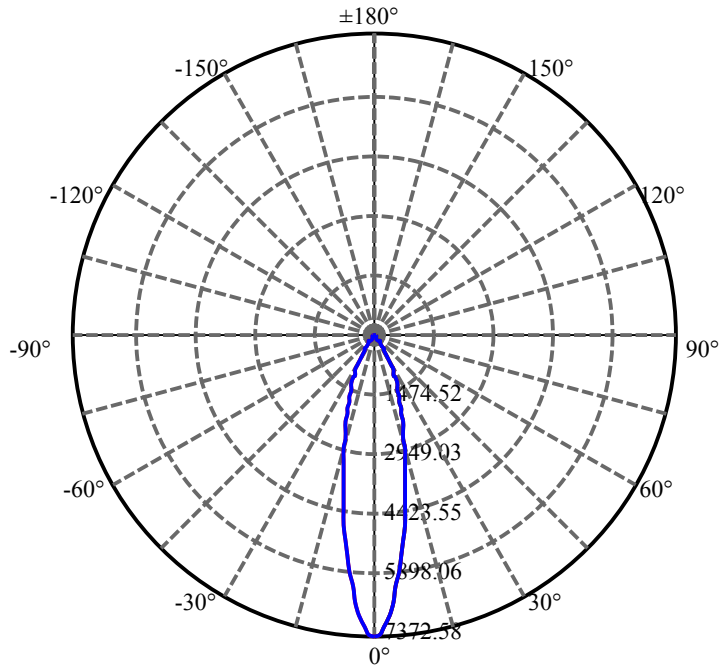
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	12.897	1.386	2224.971	0.05%	99.27%
77.0	12.590	1.359	2226.329	0.05%	99.33%
78.0	12.282	1.331	2227.661	0.05%	99.39%
79.0	11.968	1.303	2228.964	0.05%	99.45%
80.0	11.602	1.271	2230.235	0.05%	99.50%
81.0	11.266	1.237	2231.471	0.05%	99.56%
82.0	10.936	1.204	2232.675	0.05%	99.61%
83.0	10.622	1.172	2233.847	0.04%	99.66%
84.0	10.344	1.142	2234.989	0.04%	99.71%
85.0	10.073	1.114	2236.104	0.04%	99.76%
86.0	9.868	1.090	2237.194	0.04%	99.81%
87.0	9.671	1.069	2238.263	0.04%	99.86%
88.0	9.546	1.053	2239.316	0.04%	99.91%
89.0	9.437	1.041	2240.356	0.04%	99.95%
90.0	9.371	1.031	2241.387	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1917.39	72.27%	85.54%
0-40	2132.41	80.38%	95.14%
0-60	2195.17	82.74%	97.94%
0-90	2240.36	84.45%	99.95%
0-120	2240.36	84.45%	99.95%
0-180	2241.39	84.49%	100.00%
60-90	45.19	1.70%	2.02%
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%
0-27.41	1793.11	67.59%	80.00%

ZONAL LUMEN SUMMARY

0-10	530.31
10-20	802.21
20-30	584.87
30-40	215.02
40-50	38.03
50-60	24.73
60-70	21.04
70-80	14.02
80-90	10.12
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: —————

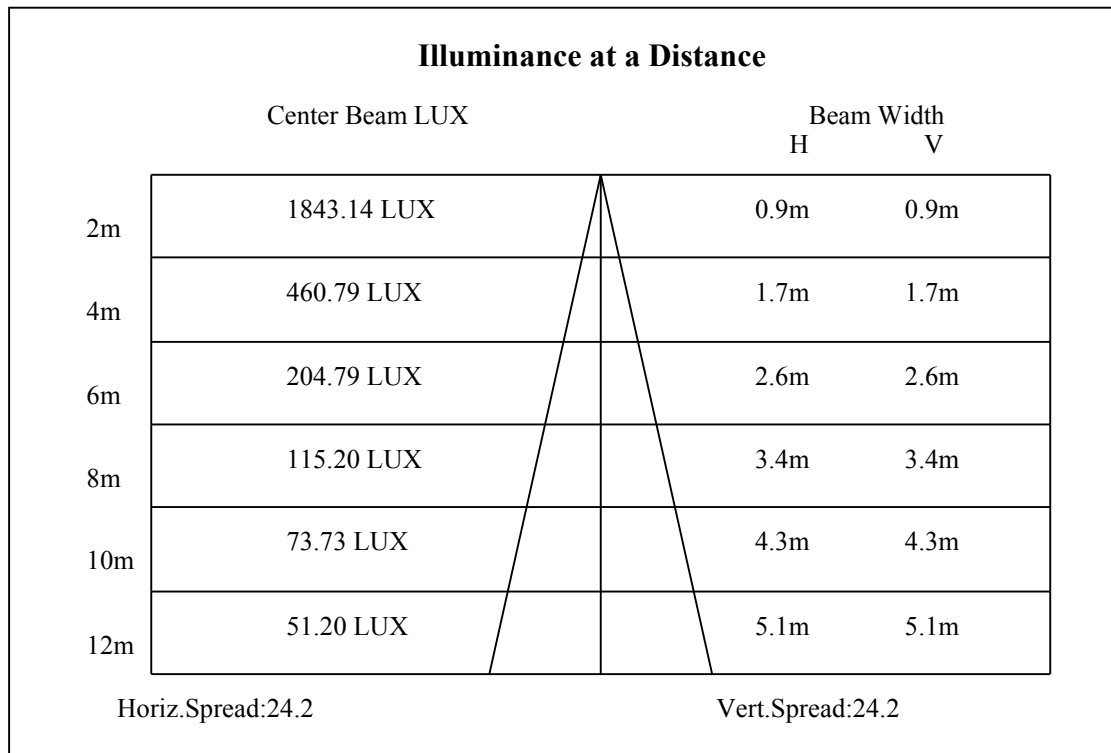
C90/C270: —————

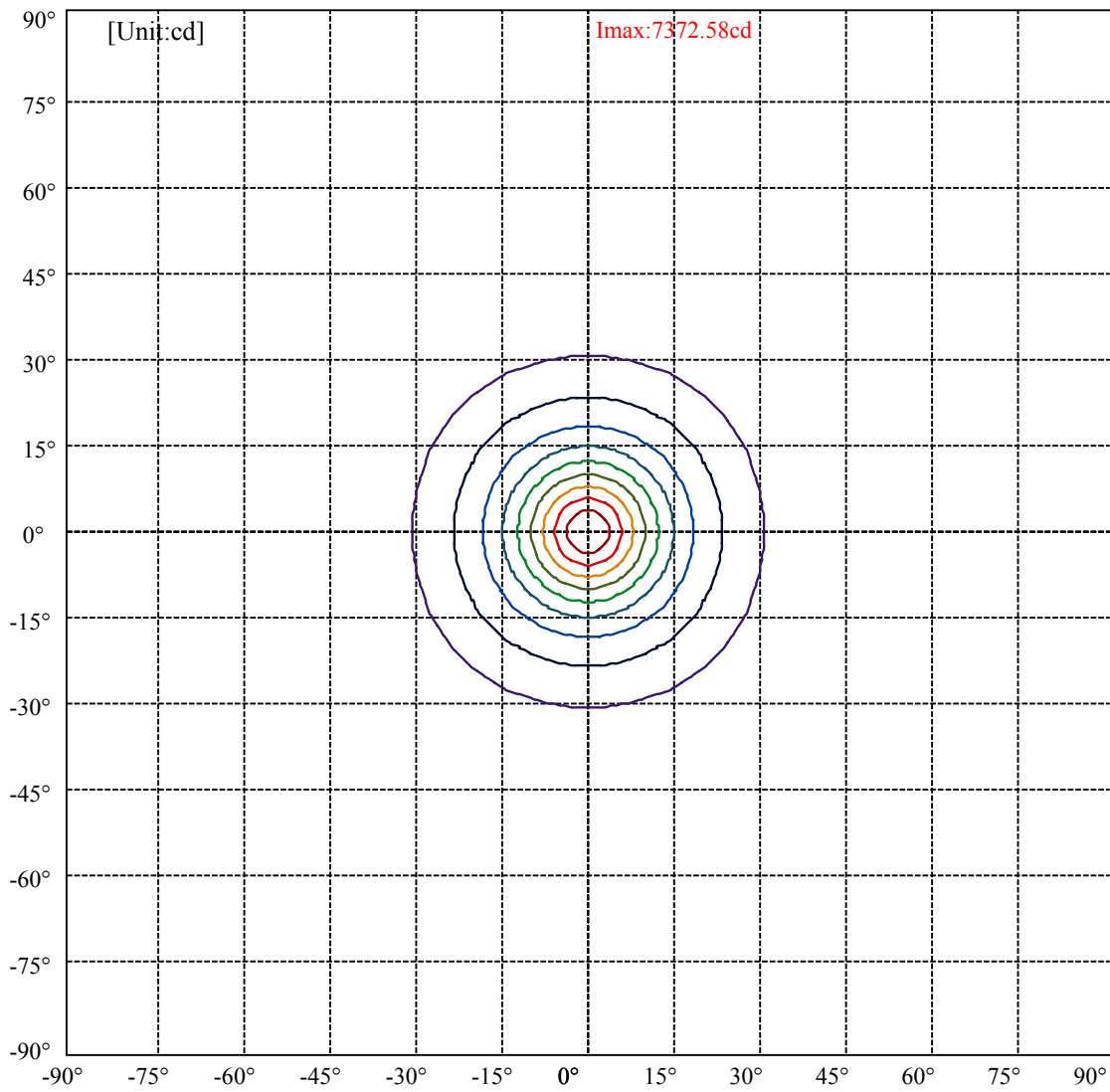
Field angle(10%Imax):C0/180Left:30.3 Right:30.3

:C90/270Left:30.3 Right:30.3

Beam Angle(50%Imax):C0/180Left:12.1 Right:12.1

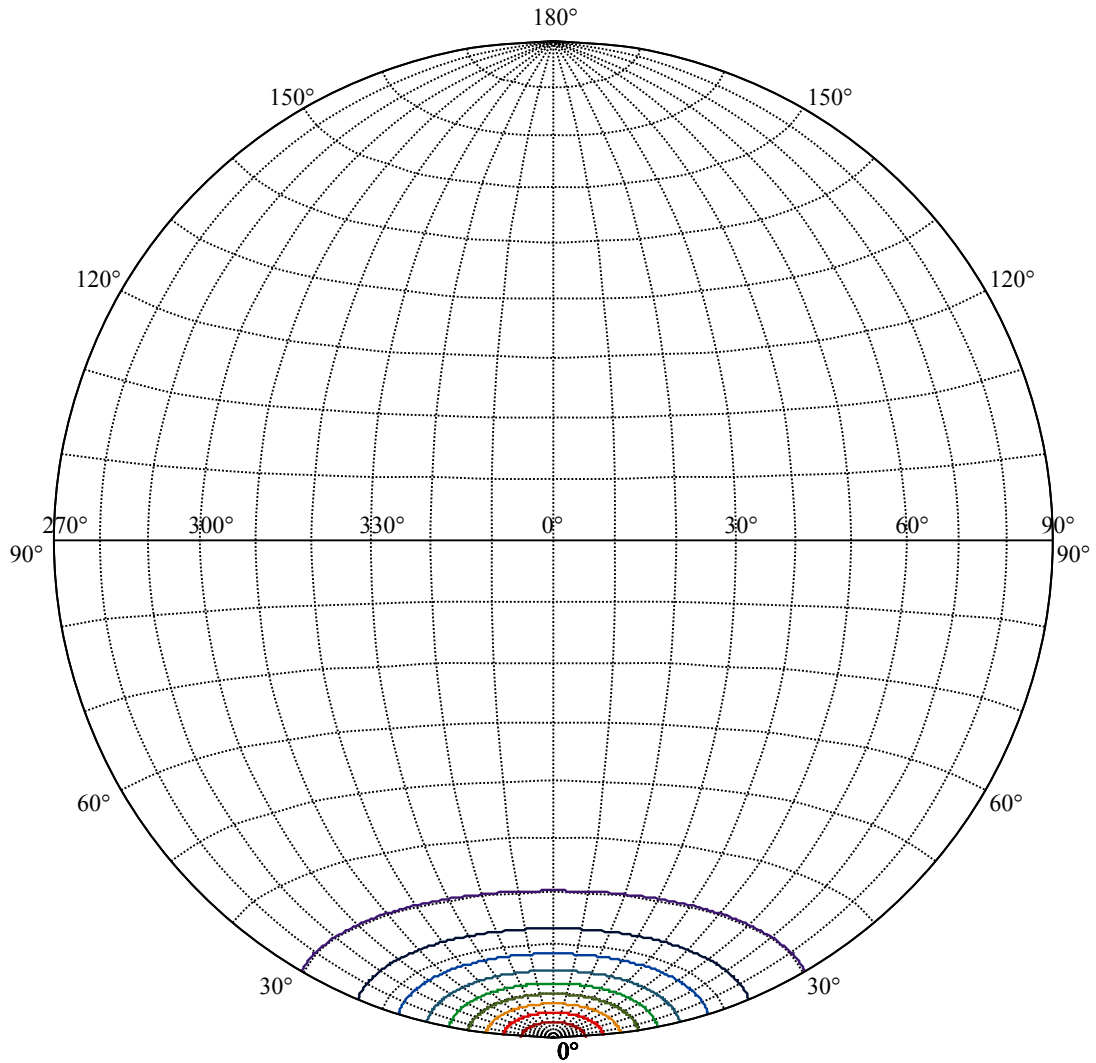
:C90/270Left:12.1 Right:12.1





(10%Imax) 737.258	—
(20%Imax) 1474.52	—
(30%Imax) 2211.77	—
(40%Imax) 2949.03	—
(50%Imax) 3686.29	—
(60%Imax) 4423.55	—
(70%Imax) 5160.8	—
(80%Imax) 5898.06	—
(90%Imax) 6635.32	—





House

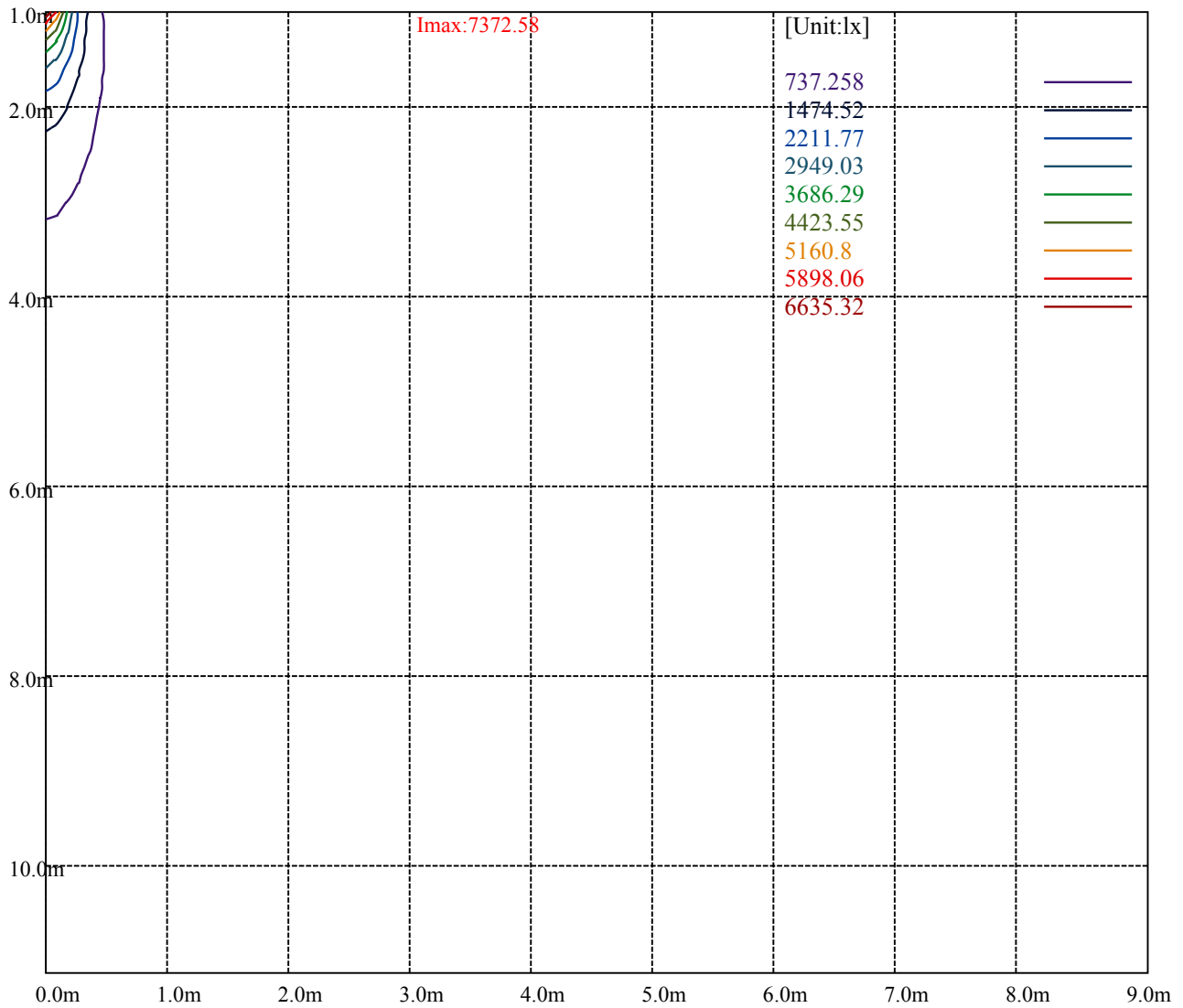
[Unit:cd]

Road

**Imax:7372.58**

(10%Imax)	737.258	—
(20%Imax)	1474.52	—
(30%Imax)	2211.77	—
(40%Imax)	2949.03	—
(50%Imax)	3686.29	—
(60%Imax)	4423.55	—
(70%Imax)	5160.8	—
(80%Imax)	5898.06	—
(90%Imax)	6635.32	—





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

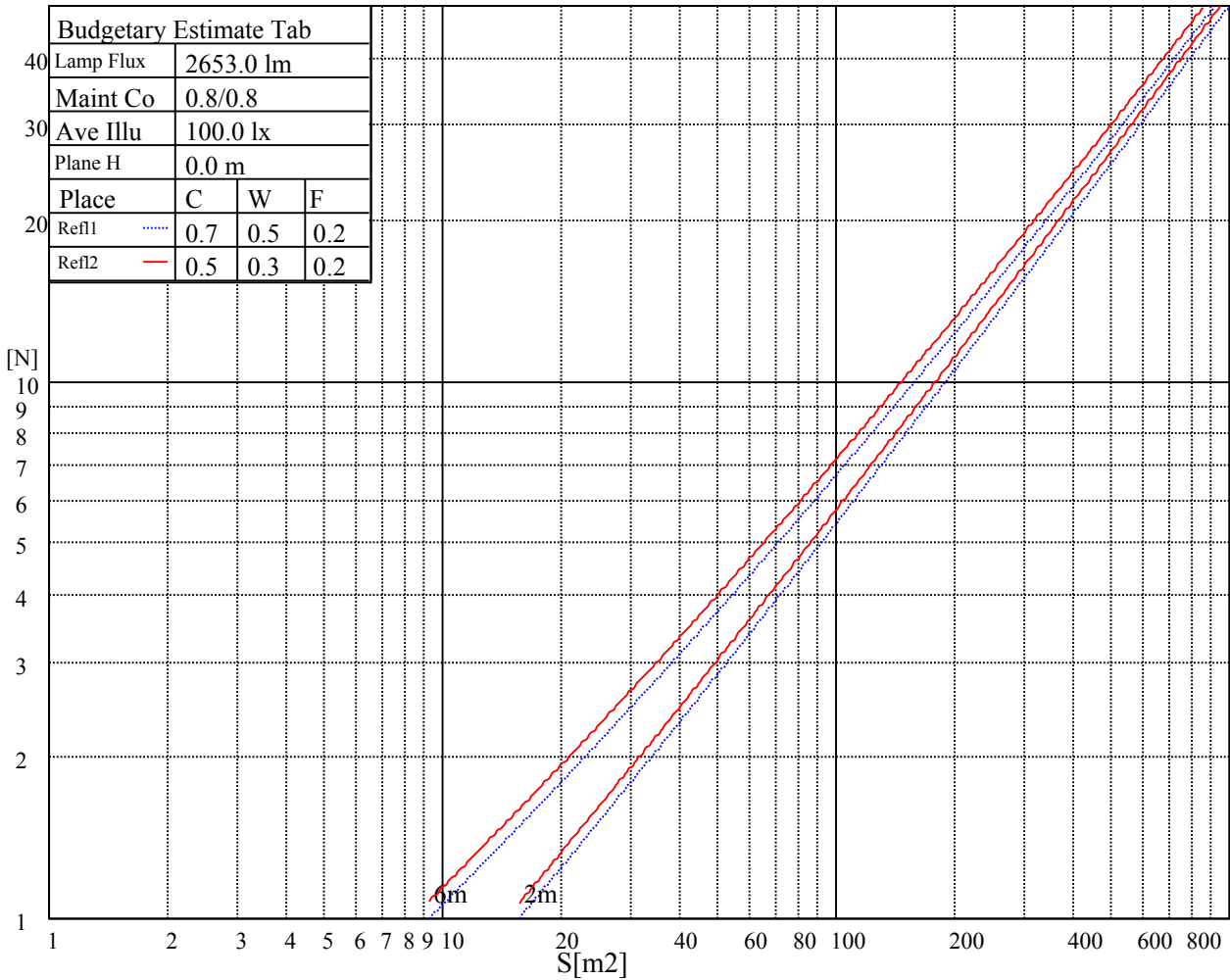
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

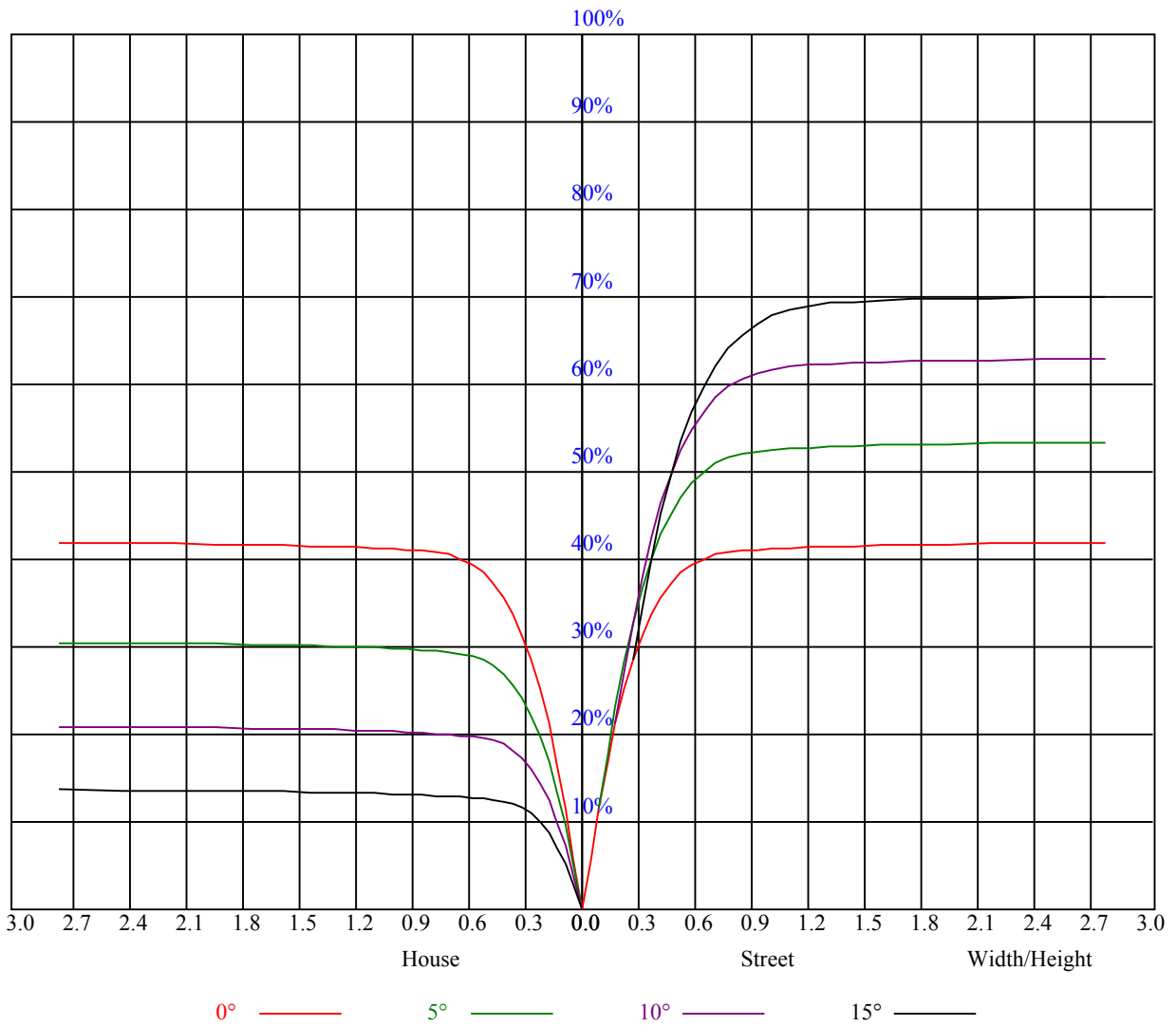


Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字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

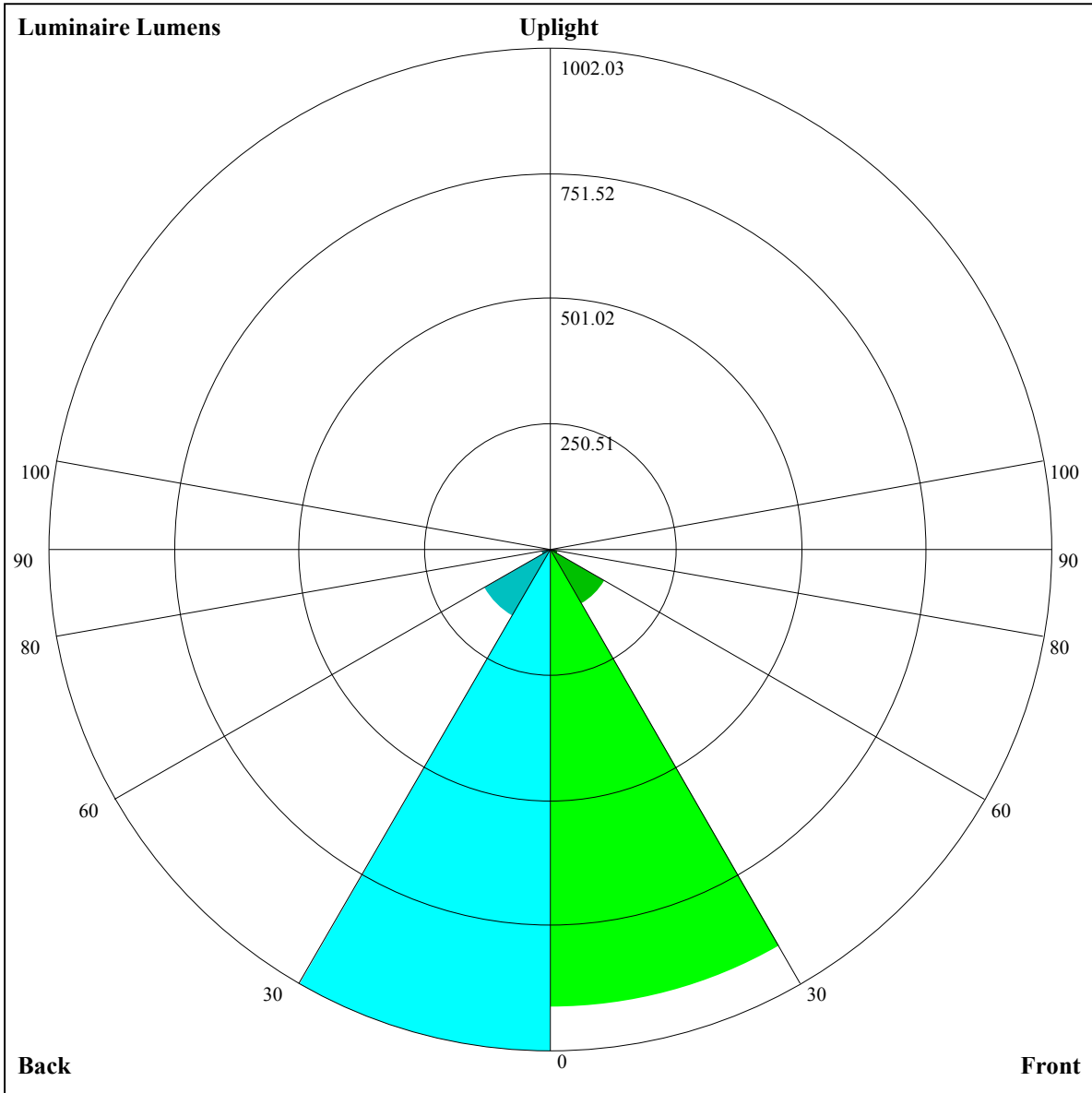
UGR calculation is based on CIE Publ. 117 ,S/H = 0.25



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	1.01	1.01	1.01	0.98	0.98	0.98	0.94	0.94	0.94	0.90	0.90	0.90	0.86	0.86	0.86	0.84
1	0.94	0.92	0.90	0.92	0.91	0.89	0.89	0.88	0.86	0.86	0.85	0.84	0.83	0.82	0.81	0.80
2	0.89	0.86	0.83	0.87	0.84	0.82	0.84	0.82	0.80	0.82	0.80	0.79	0.80	0.78	0.77	0.76
3	0.84	0.80	0.77	0.83	0.79	0.77	0.80	0.78	0.75	0.78	0.76	0.74	0.77	0.75	0.73	0.72
4	0.79	0.75	0.72	0.79	0.75	0.72	0.77	0.74	0.71	0.75	0.72	0.70	0.74	0.71	0.69	0.68
5	0.76	0.71	0.68	0.75	0.71	0.68	0.73	0.70	0.67	0.72	0.69	0.67	0.71	0.68	0.66	0.65
6	0.72	0.68	0.65	0.72	0.68	0.65	0.70	0.67	0.64	0.69	0.66	0.64	0.68	0.65	0.63	0.62
7	0.69	0.65	0.62	0.69	0.64	0.62	0.68	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.61	0.60
8	0.66	0.62	0.59	0.66	0.62	0.59	0.65	0.61	0.59	0.64	0.61	0.58	0.63	0.60	0.58	0.57
9	0.64	0.59	0.57	0.63	0.59	0.56	0.62	0.59	0.56	0.62	0.58	0.56	0.61	0.58	0.56	0.55
10	0.61	0.57	0.54	0.61	0.57	0.54	0.60	0.57	0.54	0.60	0.56	0.54	0.59	0.56	0.54	0.53







Luminaire Lumens:

FL=914,FM=127.41,FH=17.3,FVH=5.54

BL=1002.03,BM=154.04,BH=17.77,BVH=5.63

UL=0,UH=0

BUG Rating:B3-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	7155.60	6864.16	6544.04	6205.78	5768.04	5422.17	5080.98	4750.33	4341.84
45.0	7466.36	7325.32	7086.55	6697.96	6354.43	5998.61	5558.53	5219.10	4808.85
90.0	7352.24	7120.49	6822.03	6402.42	6042.51	5695.47	5265.91	4930.58	4607.53
135.0	7516.10	7451.14	7264.46	6991.74	6579.74	6228.02	5874.55	5439.14	5110.24
180.0	7155.60	7419.54	7504.98	7444.71	7200.08	6920.93	6601.98	6170.67	5813.10
225.0	7466.36	7476.31	7294.89	7049.68	6749.46	6422.32	5986.33	5635.19	5280.54
270.0	7352.24	7493.28	7454.65	7220.56	6950.19	6641.19	6307.61	5874.55	5516.97
315.0	7516.10	7399.06	7180.18	6895.76	6580.33	6159.55	5809.59	5458.45	5021.29
360.0	7155.60	6864.16	6544.04	6205.78	5768.04	5422.17	5080.98	4750.33	4341.84
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4025.82	3649.52	3365.69	3097.65	2798.60	2580.90	2383.09	2202.85	2005.04
45.0	4486.98	4170.37	3862.54	3503.22	3227.57	2971.25	2733.06	2469.71	2285.36
90.0	4288.59	3902.34	3609.73	3336.43	3077.76	2778.12	2556.91	2360.27	2142.57
135.0	4783.69	4386.91	4080.25	3708.04	3427.72	3163.20	2912.14	2627.13	2426.40
180.0	5464.30	5042.36	4707.02	4374.62	4060.93	3697.51	3408.41	3146.23	2857.13
225.0	4937.60	4522.68	4207.83	3834.45	3551.20	3284.34	2978.85	2753.54	2544.03
270.0	5172.28	4842.21	4436.65	4113.61	3805.19	3521.94	3178.42	2937.30	2670.44
315.0	4684.40	4271.03	3959.69	3662.40	3384.41	3061.96	2826.70	2608.99	2412.36
360.0	4025.82	3649.52	3365.69	3097.65	2798.60	2580.90	2383.09	2202.85	2005.04
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1862.24	1733.49	1614.11	1478.92	1382.36	1157.34	1157.34	1079.74	978.44
45.0	2114.48	1923.11	1785.58	1660.34	1520.47	1419.81	1326.18	1214.99	1116.67
90.0	1985.14	1841.76	1676.73	1557.34	1453.17	1279.95	1151.90	1151.90	1048.78
135.0	2244.40	2080.53	1928.37	1758.66	1635.76	1522.23	1394.65	1301.01	1186.89
180.0	2642.35	2439.28	2253.17	2040.74	1893.85	1759.83	1612.94	1507.60	1387.63
225.0	2351.49	2135.54	1983.39	1846.44	1721.21	1577.24	1474.24	1380.60	1163.66
270.0	2470.29	2280.68	2068.83	1918.43	1787.34	1665.02	1531.01	1433.27	1344.91
315.0	2188.80	2027.28	1881.56	1718.86	1602.99	1495.31	1376.51	1158.04	1158.04
360.0	1862.24	1733.49	1614.11	1478.92	1382.36	1157.34	1157.34	1079.74	978.44
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	847.17	746.04	649.25	533.78	448.11	368.05	296.18	218.11	164.04
45.0	1011.91	877.90	780.16	681.26	587.04	479.94	396.84	323.10	304.96
90.0	920.56	816.45	721.35	620.98	510.78	423.00	346.10	258.08	195.70
135.0	1083.90	982.65	877.31	754.41	658.44	568.31	460.63	378.70	306.13
180.0	1299.84	1214.40	1123.11	998.45	894.28	789.53	670.14	575.33	482.87
225.0	1163.66	1095.19	967.85	860.11	759.10	636.72	542.97	459.52	358.51
270.0	1264.14	1154.71	1055.22	955.73	824.64	724.57	601.08	509.79	422.59
315.0	1085.71	983.06	878.83	751.02	651.36	558.89	471.16	370.74	299.87
360.0	847.17	746.04	649.25	533.78	448.11	368.05	296.18	218.11	164.04
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	120.26	86.55	76.02	69.00	62.44	56.18	51.97	47.46	44.18
45.0	225.37	128.63	93.05	74.38	67.30	59.40	54.54	50.33	46.82
90.0	148.24	97.21	77.43	69.70	61.27	55.65	51.21	47.46	43.31
135.0	306.13	223.09	113.53	85.85	73.68	64.78	58.58	52.44	48.46
180.0	399.18	324.86	306.72	226.83	129.51	89.83	75.49	66.25	59.75
225.0	288.69	226.37	167.78	122.96	84.57	73.04	65.78	57.94	53.26
270.0	347.68	309.06	309.06	146.31	104.76	79.42	71.57	64.43	58.70
315.0	236.31	180.13	132.79	93.11	78.65	69.17	62.50	57.29	51.91
360.0	120.26	86.55	76.02	69.00	62.44	56.18	51.97	47.46	44.18

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	41.32	38.04	35.82	33.77	32.01	30.14	28.97	27.92	27.10
45.0	42.96	40.15	37.63	35.35	32.83	31.08	29.61	28.44	27.10
90.0	40.38	37.75	35.46	32.95	31.13	29.32	28.03	27.04	25.98
135.0	45.00	41.08	38.33	35.87	33.59	31.13	29.61	28.27	27.04
180.0	54.72	49.45	45.88	42.72	39.85	36.64	34.35	32.25	30.43
225.0	48.46	45.18	42.19	38.92	36.58	34.47	32.54	30.43	29.03
270.0	53.14	49.33	46.06	42.31	39.68	36.69	34.53	32.66	30.96
315.0	48.28	45.00	41.38	38.74	36.46	34.29	32.01	30.37	29.03
360.0	41.32	38.04	35.82	33.77	32.01	30.14	28.97	27.92	27.10
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	26.51	26.34	26.45	26.74	27.10	27.10	26.57	25.57	24.17
45.0	26.34	25.69	25.46	25.63	25.87	26.34	26.51	26.34	25.57
90.0	25.46	25.16	25.16	25.40	25.81	26.16	26.16	25.69	24.70
135.0	25.98	25.34	24.93	24.76	25.05	25.46	25.98	26.10	25.63
180.0	28.85	27.21	26.22	25.28	24.87	24.76	25.05	25.40	25.81
225.0	27.86	26.86	26.10	25.69	25.69	25.98	26.28	26.63	26.51
270.0	29.26	28.15	27.27	26.57	26.39	26.45	26.63	26.92	26.92
315.0	27.92	26.92	26.45	26.22	26.39	26.57	26.74	26.57	25.93
360.0	26.51	26.34	26.45	26.74	27.10	27.10	26.57	25.57	24.17
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	22.00	20.13	18.61	17.26	16.15	15.63	15.27	14.86	14.28
45.0	24.29	22.71	20.89	18.79	17.50	16.50	16.39	16.04	15.45
90.0	23.29	21.07	19.31	17.44	16.33	15.57	14.92	14.63	14.34
135.0	24.70	23.23	21.54	19.14	17.56	16.27	15.39	14.75	14.28
180.0	25.87	25.40	24.46	23.00	20.83	19.02	17.44	16.15	15.10
225.0	25.93	24.76	22.82	20.95	19.14	17.62	16.15	15.39	14.86
270.0	26.39	25.22	23.76	22.12	19.78	18.26	16.91	15.74	15.10
315.0	24.93	23.00	21.30	19.43	17.97	16.44	15.63	14.98	14.40
360.0	22.00	20.13	18.61	17.26	16.15	15.63	15.27	14.86	14.28
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	13.87	13.52	13.23	12.93	12.52	12.17	11.88	11.47	11.00
45.0	14.51	13.99	13.58	13.28	12.99	12.70	12.29	12.06	11.65
90.0	13.99	13.58	13.23	12.93	12.70	12.29	12.00	11.70	11.29
135.0	13.93	13.58	13.28	12.99	12.70	12.41	12.17	11.82	11.47
180.0	14.57	14.10	13.69	13.46	13.11	12.87	12.64	12.35	12.06
225.0	14.40	13.99	13.69	13.34	13.11	12.82	12.47	12.17	11.88
270.0	14.63	14.22	13.81	13.58	13.28	12.99	12.64	12.35	12.06
315.0	14.05	13.75	13.34	13.11	12.76	12.47	12.17	11.82	11.41
360.0	13.87	13.52	13.23	12.93	12.52	12.17	11.88	11.47	11.00
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	10.71	10.48	10.30	10.01	9.71	9.54	9.42	9.36	9.36
45.0	11.24	10.94	10.53	10.24	9.95	9.66	9.48	9.42	9.31
90.0	11.00	10.65	10.36	10.07	9.77	9.66	9.48	9.42	9.36
135.0	11.12	10.77	10.48	10.30	10.01	9.83	9.66	9.54	9.42
180.0	11.76	11.35	11.06	10.71	10.48	10.24	9.95	9.77	9.66
225.0	11.47	11.12	10.71	10.42	10.18	10.01	9.77	9.60	9.48
270.0	11.65	11.35	10.94	10.71	10.36	10.12	9.83	9.71	9.48
315.0	11.18	10.83	10.59	10.30	10.12	9.89	9.77	9.54	9.42
360.0	10.71	10.48	10.30	10.01	9.71	9.54	9.42	9.36	9.36

Intensity data(cd)

C/γ(°)	90.0
0.0	9.36
45.0	9.31
90.0	9.36
135.0	9.42
180.0	9.42
225.0	9.36
270.0	9.36
315.0	9.36
360.0	9.36