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NT

Client:

LumCAT: 3-2805-L

Luminaire: 92.70.412.00

Report No: 2024315-B008

Ballast type: AC

Test No: 2024315-C008

Voltage(V): 34.640

LampCAT: BRIDGELUX V13B LES13

Current(A): 0.450

Lamp flux(lm): 2626.0

Power (W): 15.588

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2270.64, Efficiency(%): 86.47% , Luminous Efficacy(lm/W): 145.67

Central intensity(cd): 9752.833, Maximum intensity(cd): 9752.833

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=18.4

[C90/270]Total=18.4

Field angle(10%Imax): [C0/180]Total=53.8

[C90/270]Total=53.8

Maximum s/h(1/2): C0_180=0.31 C90_270=0.31

Maximum s/h(1/4): C0_180=0.39 C90_270=0.39

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 86.47%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.714%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/15
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	9752.833	0.000	0	0.00%	0.00%
1.0	9661.831	9.290	9.29	0.35%	0.41%
2.0	9373.388	27.321	36.611	1.04%	1.61%
3.0	8920.863	43.754	80.365	1.67%	3.54%
4.0	8349.903	57.811	138.175	2.20%	6.09%
5.0	7713.836	69.105	207.281	2.63%	9.13%
6.0	7001.178	77.331	284.612	2.94%	12.53%
7.0	6266.867	82.355	366.967	3.14%	16.16%
8.0	5552.234	84.587	451.554	3.22%	19.89%
9.0	4978.421	85.345	536.899	3.25%	23.65%
10.0	4440.307	85.236	622.135	3.25%	27.40%
11.0	3998.316	84.319	706.454	3.21%	31.11%
12.0	3640.963	83.508	789.962	3.18%	34.79%
13.0	3332.183	82.754	872.716	3.15%	38.43%
14.0	3046.520	81.647	954.363	3.11%	42.03%
15.0	2793.703	80.177	1034.54	3.05%	45.56%
16.0	2566.197	78.538	1113.078	2.99%	49.02%
17.0	2354.638	76.631	1189.708	2.92%	52.40%
18.0	2181.850	74.797	1264.505	2.85%	55.69%
19.0	2014.330	73.005	1337.51	2.78%	58.90%
20.0	1861.147	70.932	1408.442	2.70%	62.03%
21.0	1720.913	68.783	1477.225	2.62%	65.06%
22.0	1580.385	66.341	1543.566	2.53%	67.98%
23.0	1421.804	62.994	1606.56	2.40%	70.75%
24.0	1290.999	59.312	1665.871	2.26%	73.37%
25.0	1163.786	55.816	1721.688	2.13%	75.82%
26.0	1068.357	52.690	1774.378	2.01%	78.14%
27.0	968.913	49.842	1824.22	1.90%	80.34%
28.0	878.218	46.765	1870.986	1.78%	82.40%
29.0	790.376	43.655	1914.641	1.66%	84.32%
30.0	699.139	40.217	1954.857	1.53%	86.09%
31.0	600.221	36.159	1991.017	1.38%	87.69%
32.0	504.310	31.644	2022.66	1.21%	89.08%
33.0	415.129	27.087	2049.747	1.03%	90.27%
34.0	331.120	22.584	2072.331	0.86%	91.27%
35.0	264.536	18.499	2090.83	0.70%	92.08%
36.0	202.715	14.877	2105.707	0.57%	92.74%
37.0	148.069	11.441	2117.148	0.44%	93.24%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	99.774	8.273	2125.42	0.32%	93.60%
39.0	87.608	6.396	2131.816	0.24%	93.89%
40.0	81.383	5.894	2137.71	0.22%	94.15%
41.0	76.079	5.607	2143.317	0.21%	94.39%
42.0	71.749	5.371	2148.688	0.20%	94.63%
43.0	67.008	5.140	2153.828	0.20%	94.86%
44.0	62.926	4.904	2158.732	0.19%	95.07%
45.0	58.874	4.681	2163.413	0.18%	95.28%
46.0	55.304	4.465	2167.878	0.17%	95.47%
47.0	52.246	4.278	2172.156	0.16%	95.66%
48.0	49.386	4.108	2176.264	0.16%	95.84%
49.0	46.964	3.957	2180.221	0.15%	96.02%
50.0	44.799	3.826	2184.047	0.15%	96.19%
51.0	43.058	3.717	2187.764	0.14%	96.35%
52.0	41.544	3.630	2191.394	0.14%	96.51%
53.0	40.337	3.562	2194.956	0.14%	96.67%
54.0	39.356	3.513	2198.469	0.13%	96.82%
55.0	38.647	3.482	2201.951	0.13%	96.97%
56.0	38.069	3.467	2205.417	0.13%	97.13%
57.0	37.198	3.441	2208.858	0.13%	97.28%
58.0	36.035	3.387	2212.245	0.13%	97.43%
59.0	34.733	3.308	2215.554	0.13%	97.57%
60.0	32.670	3.184	2218.738	0.12%	97.71%
61.0	30.644	3.021	2221.759	0.12%	97.85%
62.0	28.003	2.826	2224.585	0.11%	97.97%
63.0	25.925	2.623	2227.208	0.10%	98.09%
64.0	23.511	2.426	2229.634	0.09%	98.19%
65.0	21.580	2.232	2231.866	0.08%	98.29%
66.0	20.110	2.080	2233.946	0.08%	98.38%
67.0	18.888	1.961	2235.907	0.07%	98.47%
68.0	18.135	1.875	2237.782	0.07%	98.55%
69.0	17.762	1.831	2239.613	0.07%	98.63%
70.0	17.564	1.814	2241.427	0.07%	98.71%
71.0	17.418	1.808	2243.236	0.07%	98.79%
72.0	17.418	1.811	2245.047	0.07%	98.87%
73.0	17.432	1.822	2246.869	0.07%	98.95%
74.0	17.111	1.816	2248.685	0.07%	99.03%
75.0	16.562	1.779	2250.464	0.07%	99.11%

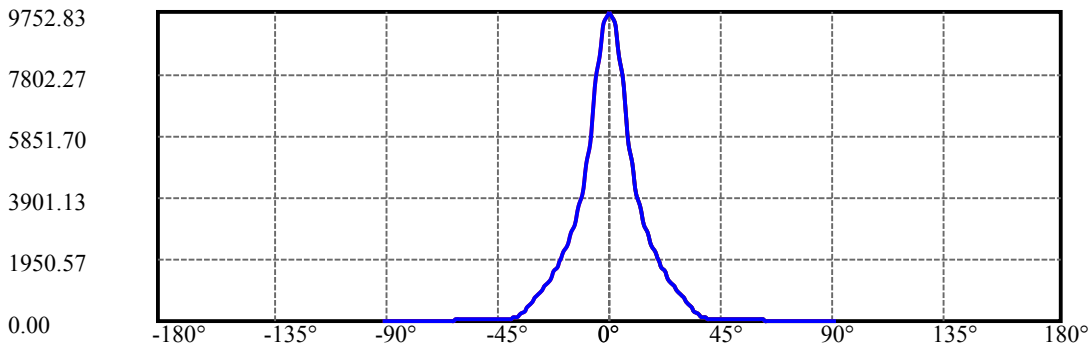
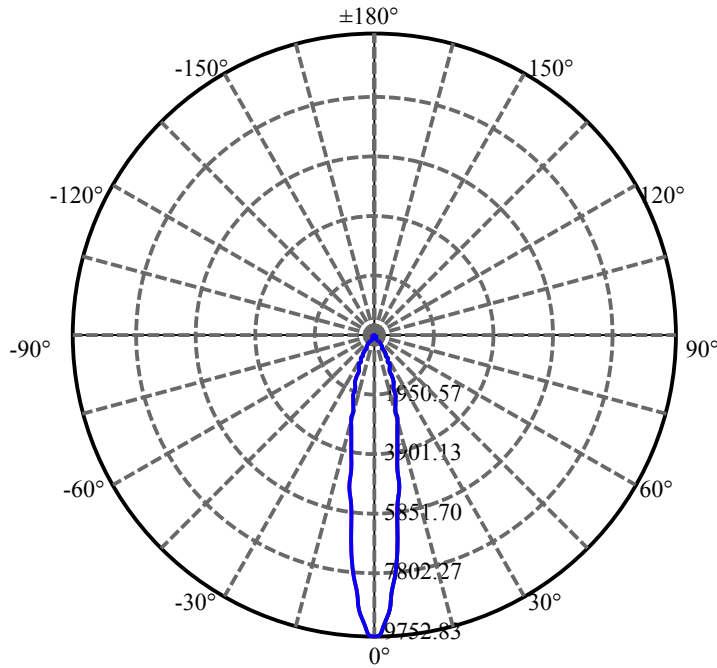
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	16.072	1.732	2252.197	0.07%	99.19%
77.0	15.735	1.696	2253.893	0.06%	99.26%
78.0	15.018	1.646	2255.539	0.06%	99.34%
79.0	14.579	1.590	2257.129	0.06%	99.41%
80.0	13.811	1.531	2258.66	0.06%	99.47%
81.0	12.970	1.448	2260.108	0.06%	99.54%
82.0	12.048	1.357	2261.465	0.05%	99.60%
83.0	11.419	1.276	2262.74	0.05%	99.65%
84.0	11.010	1.222	2263.962	0.05%	99.71%
85.0	10.673	1.183	2265.146	0.05%	99.76%
86.0	10.351	1.149	2266.295	0.04%	99.81%
87.0	10.073	1.118	2267.413	0.04%	99.86%
88.0	9.832	1.090	2268.503	0.04%	99.91%
89.0	9.729	1.072	2269.575	0.04%	99.95%
90.0	9.649	1.062	2270.638	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1954.86	74.44%	86.09%
0-40	2137.71	81.41%	94.15%
0-60	2218.74	84.49%	97.71%
0-90	2269.58	86.43%	99.95%
0-120	2269.58	86.43%	99.95%
0-180	2270.64	86.47%	100.00%
60-90	50.84	1.94%	2.24%
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%
0-26.85	1816.51	69.17%	80.00%

ZONAL LUMEN SUMMARY

0-10	622.13
10-20	786.31
20-30	546.42
30-40	182.85
40-50	46.34
50-60	34.69
60-70	22.69
70-80	17.23
80-90	10.92
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



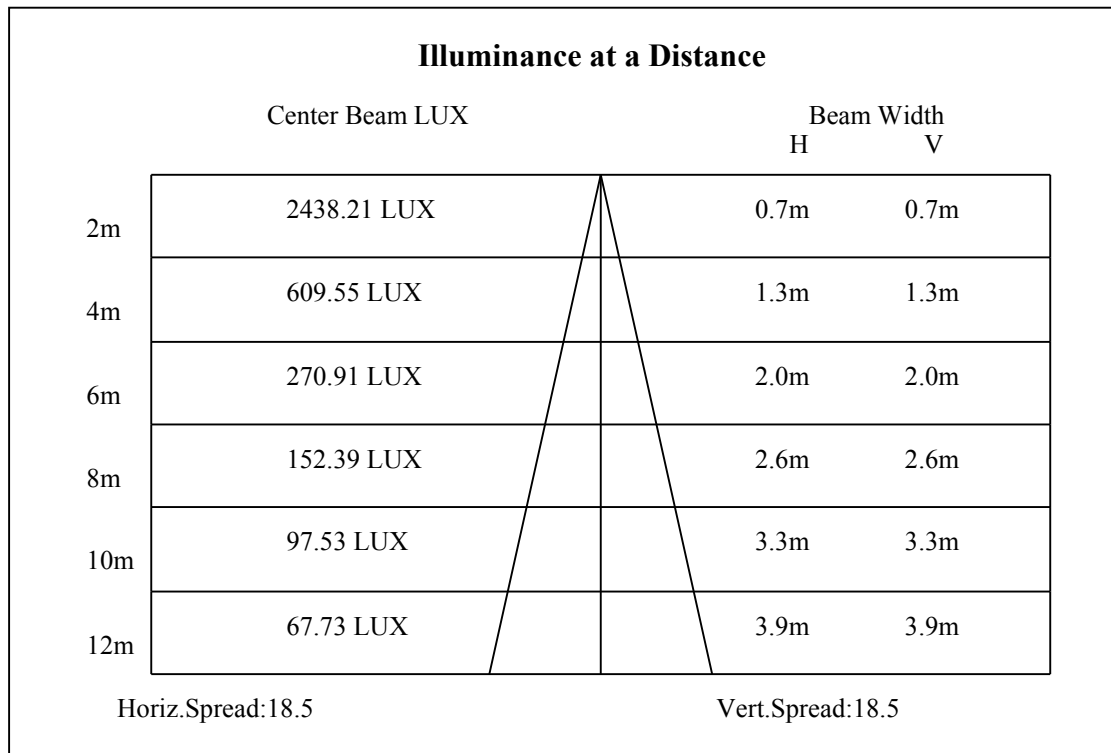
C0(Max): —————

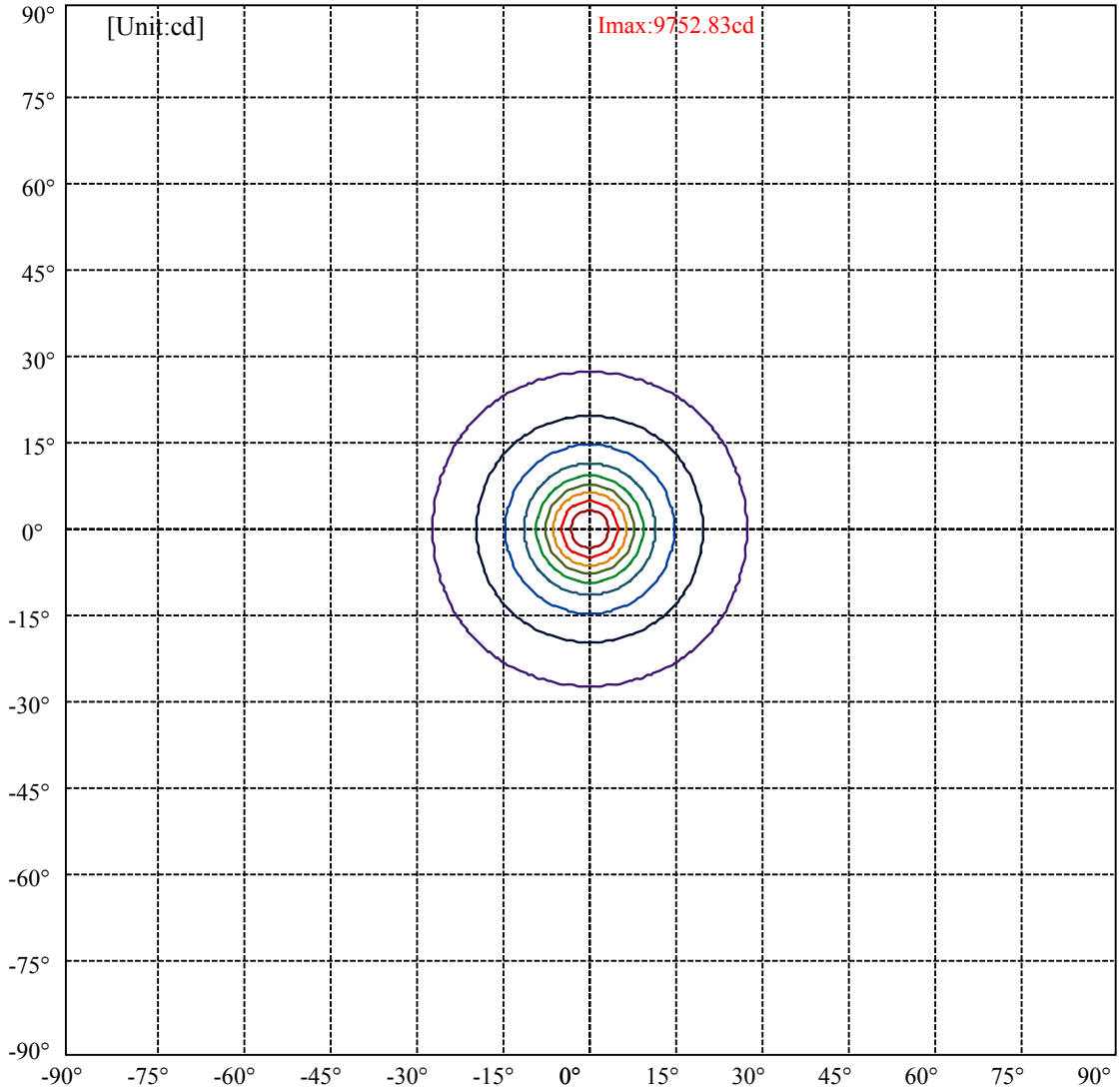
C0/C180: —————

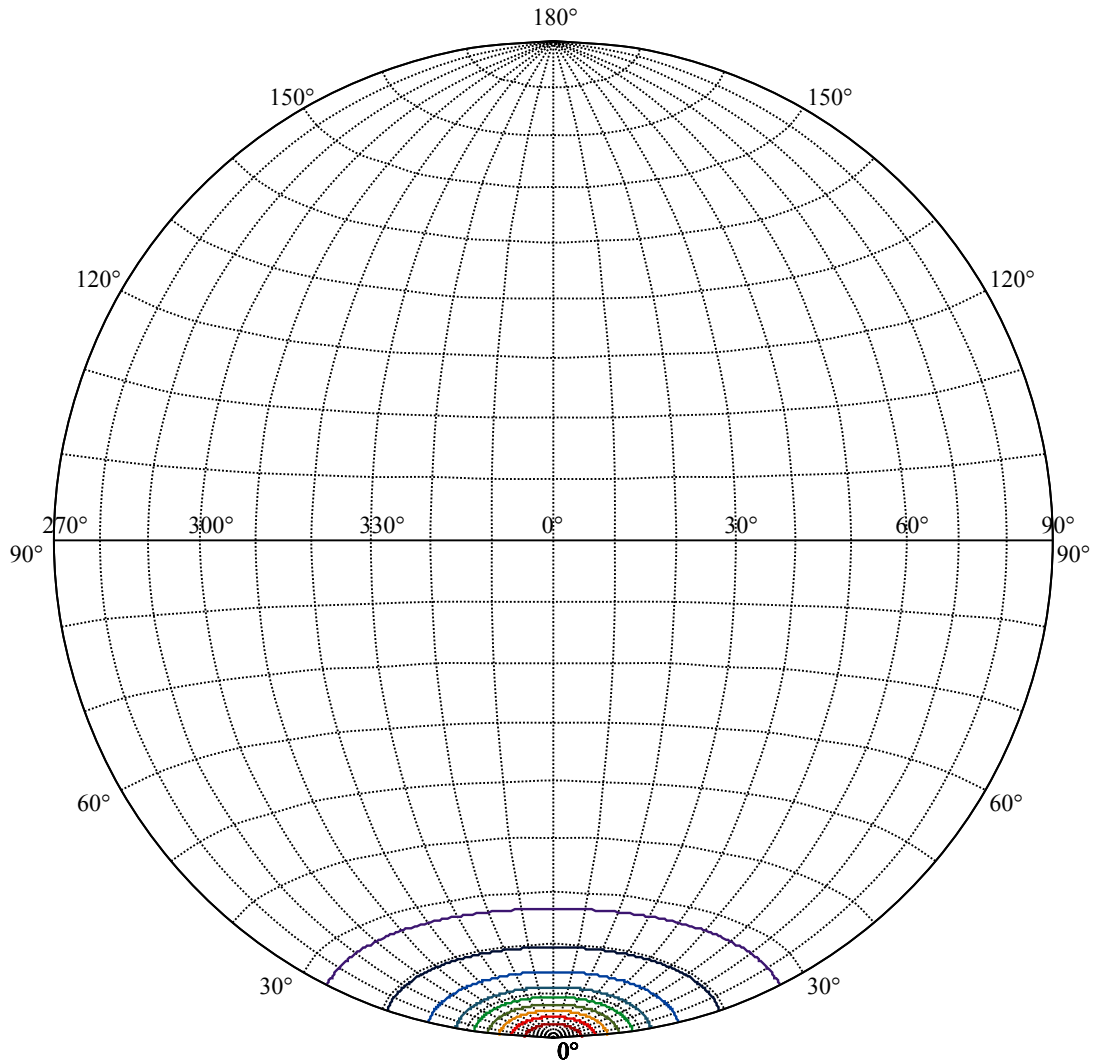
C90/C270: —————

Field angle(10%Imax):C0/180Left:26.9 Right:26.9
:C90/270Left:26.9 Right:26.9

Beam Angle(50%Imax):C0/180Left:9.2 Right:9.2
:C90/270Left:9.2 Right:9.2







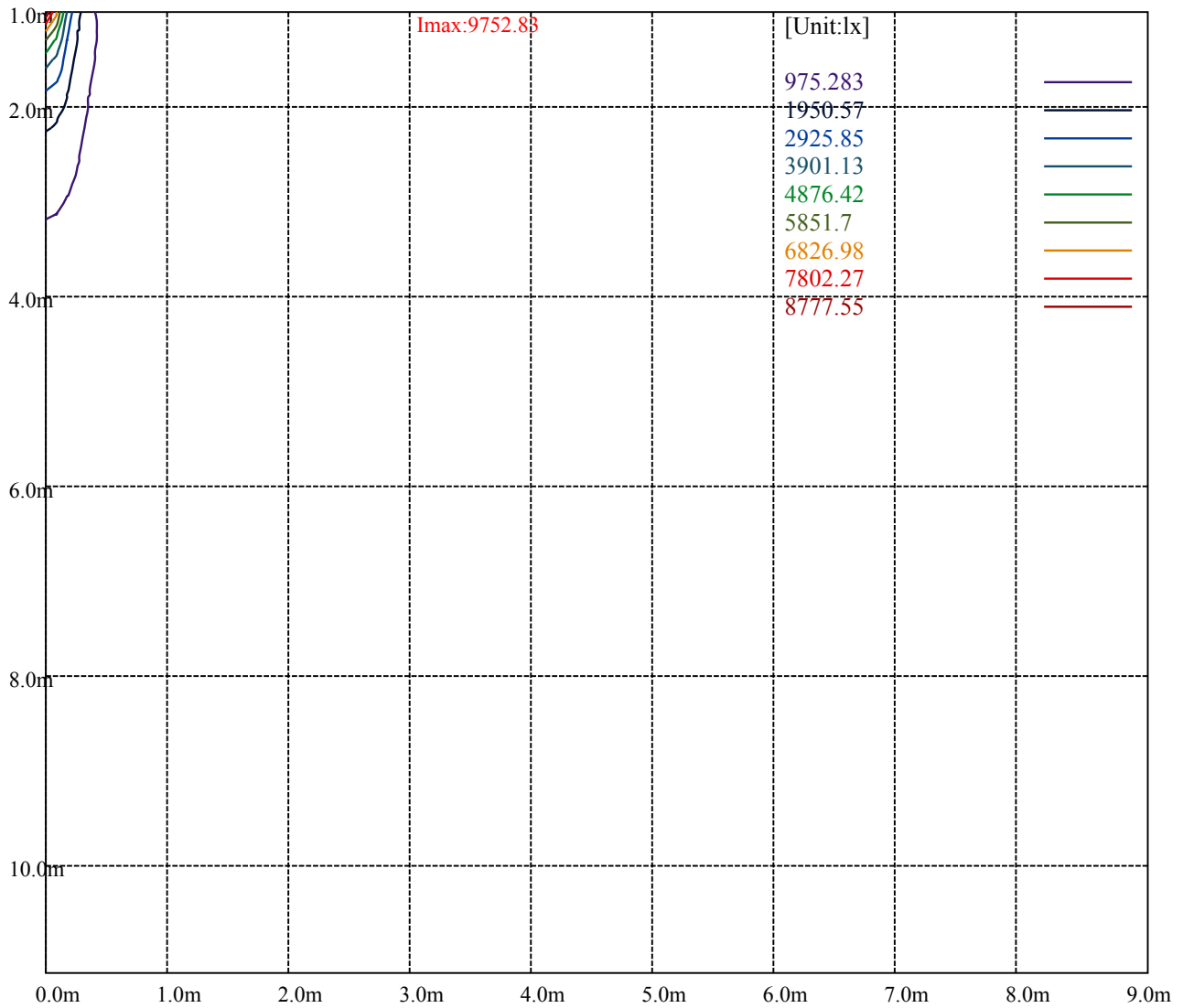
House

[Unit:cd]

Road

Imax:9752.83

(10%Imax) 975.283	—
(20%Imax) 1950.57	—
(30%Imax) 2925.85	—
(40%Imax) 3901.13	—
(50%Imax) 4876.42	—
(60%Imax) 5851.7	—
(70%Imax) 6826.98	—
(80%Imax) 7802.27	—
(90%Imax) 8777.55	—



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

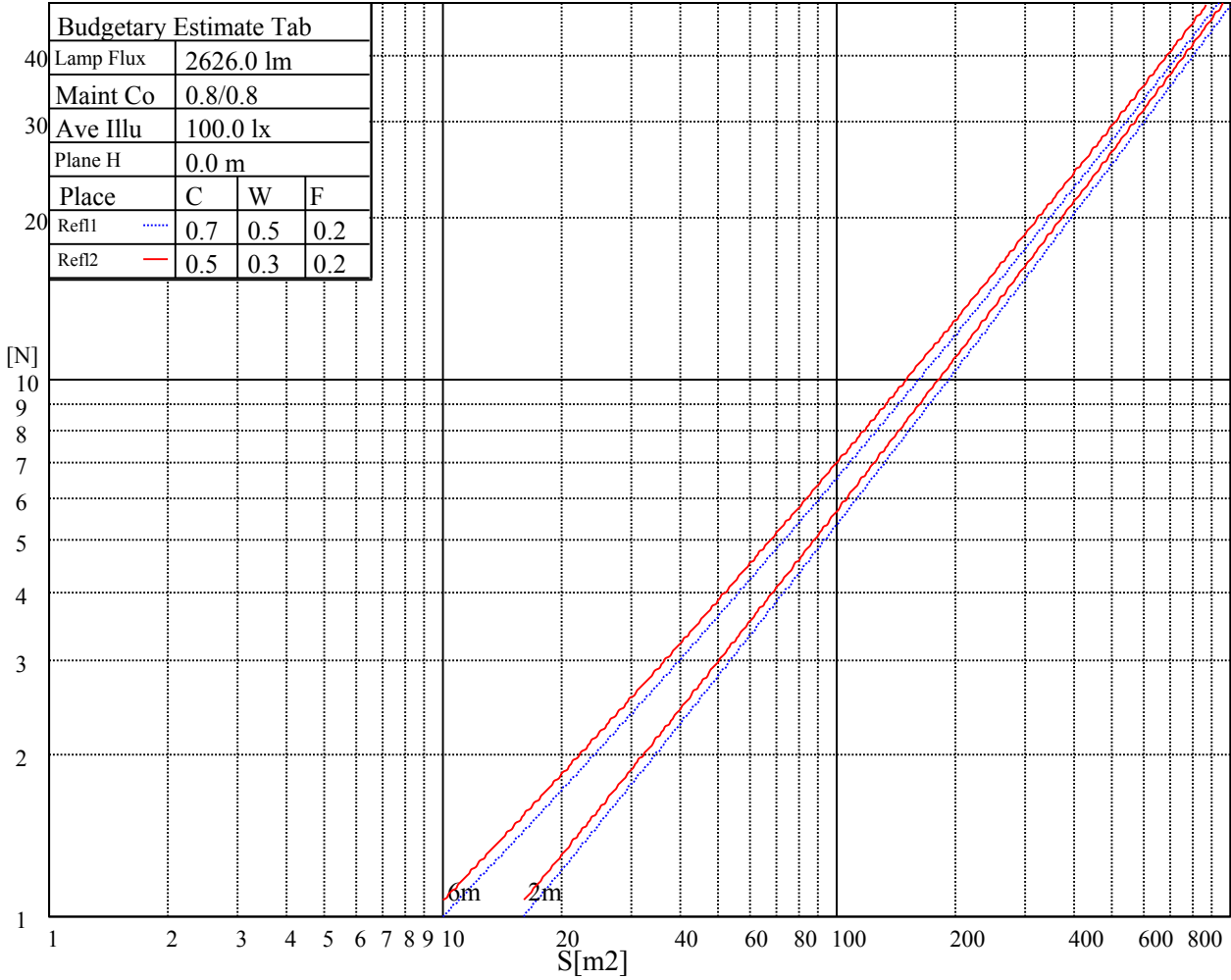
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

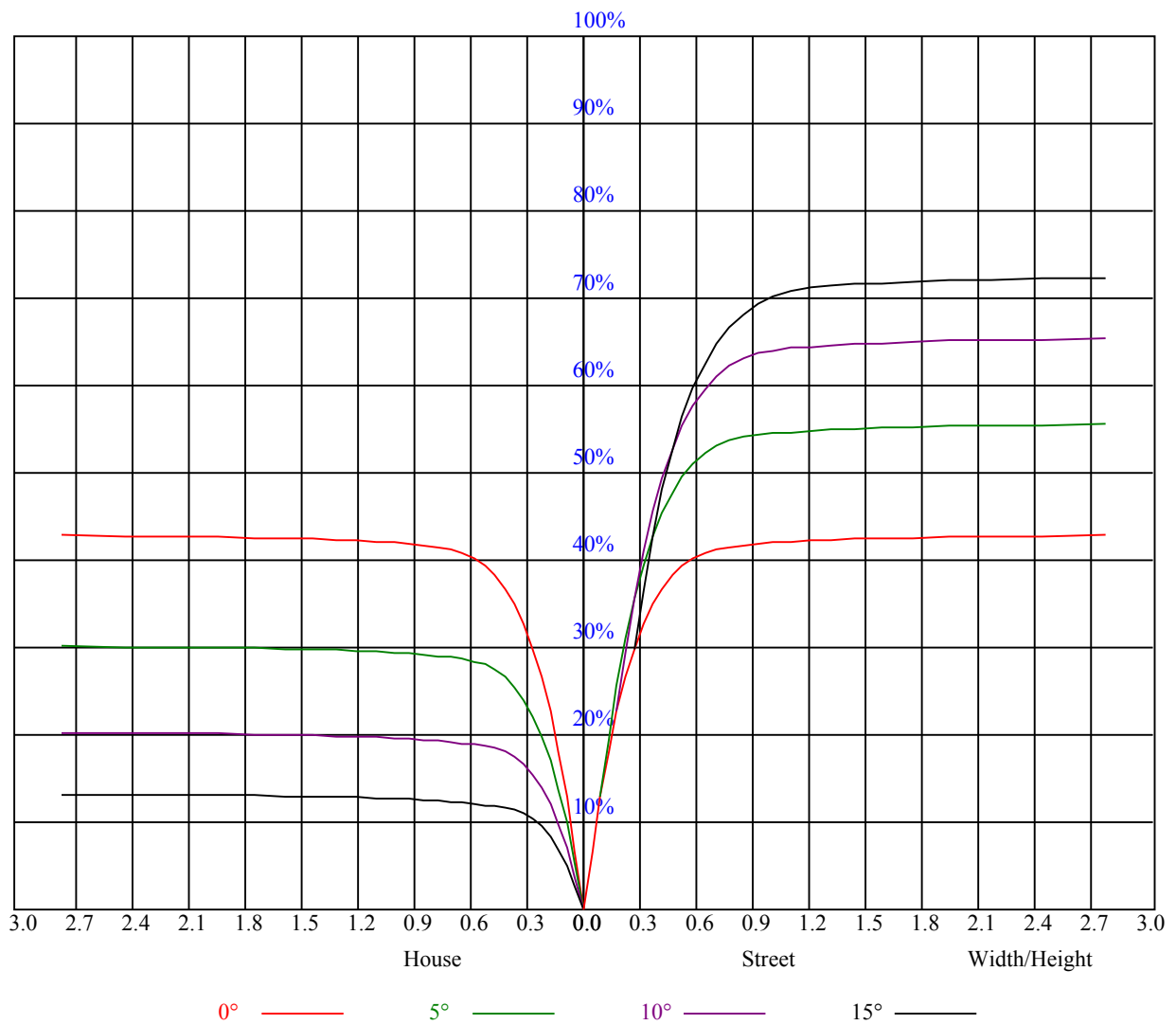


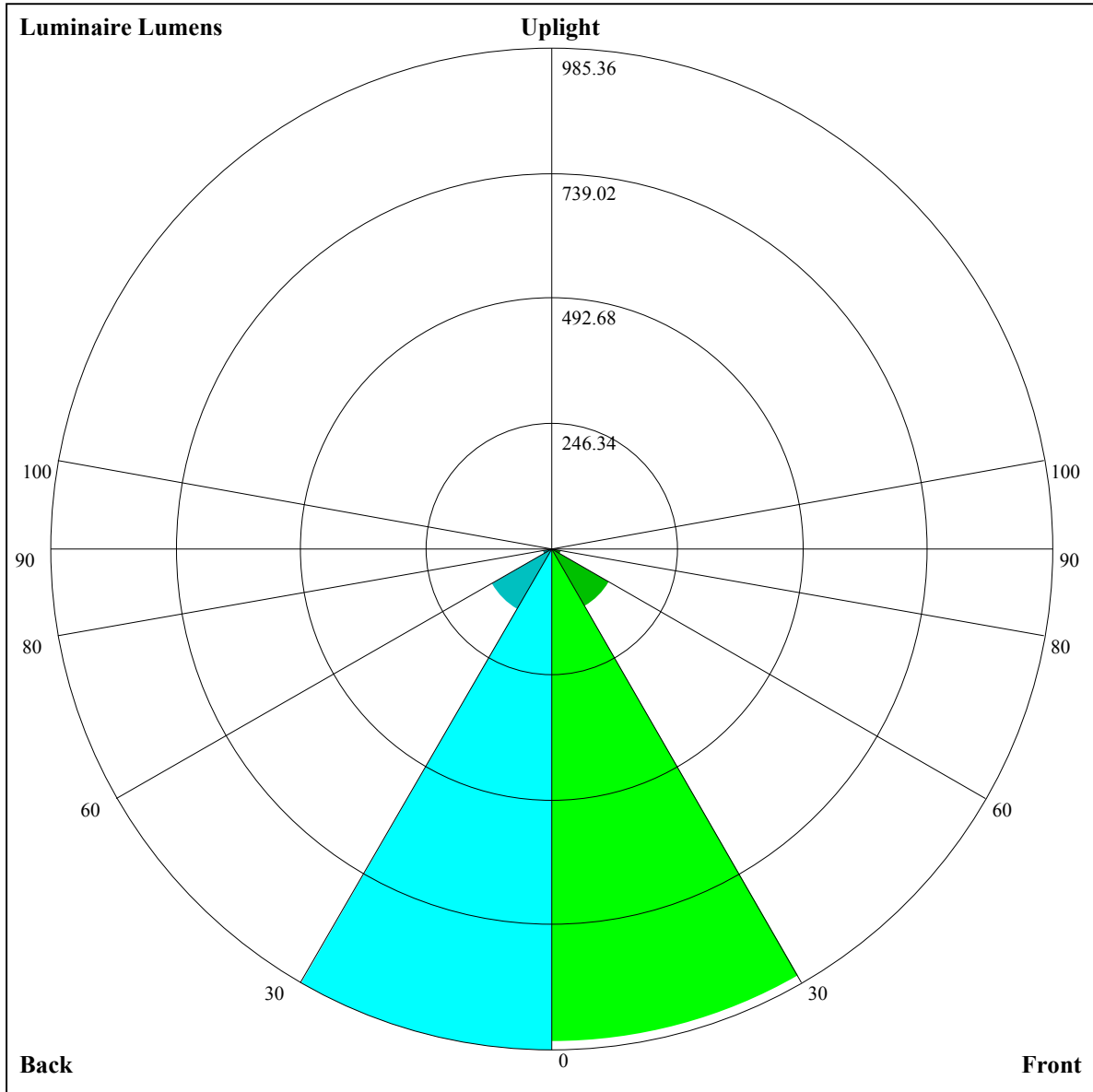
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	
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	1.03	1.03	1.03	1.01	1.01	1.01	0.96	0.96	0.96	0.92	0.92	0.92	0.88	0.88	0.88	0.86
1	0.96	0.94	0.93	0.95	0.93	0.91	0.91	0.90	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.82
2	0.91	0.88	0.85	0.89	0.87	0.84	0.87	0.84	0.82	0.84	0.82	0.81	0.82	0.80	0.79	0.78
3	0.86	0.82	0.79	0.85	0.81	0.79	0.83	0.80	0.77	0.81	0.78	0.76	0.79	0.77	0.75	0.74
4	0.82	0.78	0.75	0.81	0.77	0.74	0.79	0.76	0.73	0.77	0.75	0.72	0.76	0.74	0.72	0.70
5	0.78	0.74	0.71	0.77	0.73	0.70	0.76	0.72	0.70	0.74	0.71	0.69	0.73	0.71	0.69	0.67
6	0.75	0.70	0.67	0.74	0.70	0.67	0.73	0.69	0.67	0.72	0.68	0.66	0.71	0.68	0.66	0.65
7	0.71	0.67	0.64	0.71	0.67	0.64	0.70	0.66	0.64	0.69	0.66	0.63	0.68	0.65	0.63	0.62
8	0.69	0.64	0.62	0.68	0.64	0.61	0.67	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.61	0.60
9	0.66	0.62	0.59	0.66	0.62	0.59	0.65	0.61	0.59	0.64	0.61	0.59	0.64	0.61	0.59	0.58
10	0.64	0.60	0.57	0.63	0.60	0.57	0.63	0.59	0.57	0.62	0.59	0.57	0.62	0.59	0.56	0.56





Luminaire Lumens:

FL=969.42,FM=131.55,FH=19.58,FVH=5.96

BL=985.36,BM=135.85,BH=19.87,BVH=6.01

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	9725.91	9437.40	8952.83	8383.41	7596.86	6926.78	6238.56	5569.64	4825.82
45.0	9865.20	9771.56	9442.08	8996.72	8437.25	7654.80	6988.82	6299.42	5480.11
90.0	9647.49	9220.28	8721.08	7986.04	7318.30	6633.00	5798.47	5182.81	4658.45
135.0	9772.73	9570.24	9178.14	8528.54	7914.64	7234.02	6543.46	5704.83	5099.12
180.0	9725.91	9880.41	9766.88	9542.15	9015.45	8476.46	7867.82	7019.25	6286.55
225.0	9865.20	9749.91	9427.45	8994.97	8455.39	7834.47	6994.08	6283.03	5601.83
270.0	9647.49	9814.28	9813.70	9574.34	9195.11	8666.07	8081.43	7262.12	6532.34
315.0	9772.73	9850.57	9684.95	9360.73	8866.22	8285.09	7496.79	6813.83	5933.65
360.0	9725.91	9437.40	8952.83	8383.41	7596.86	6926.78	6238.56	5569.64	4825.82

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4365.25	3969.64	3564.66	3285.51	2966.56	2734.81	2527.06	2337.45	2125.01
45.0	4917.70	4459.47	4065.03	3641.33	3353.98	3084.19	2842.50	2565.68	2367.29
90.0	4227.14	3767.74	3476.30	3204.17	2950.76	2676.88	2474.39	2294.14	2136.71
135.0	4604.61	4094.29	3756.03	3390.27	3126.92	2883.46	2661.66	2417.04	2244.98
180.0	5612.95	4912.44	4401.54	4000.07	3674.10	3306.58	3049.08	2814.41	2546.96
225.0	5002.56	4389.25	3989.54	3651.86	3291.36	3035.04	2738.33	2525.30	2331.01
270.0	5831.24	5221.44	4557.79	4128.82	3778.86	3411.92	3135.11	2884.05	2600.21
315.0	5265.91	4708.19	4175.64	3825.67	3514.92	3239.28	2921.50	2691.51	2484.92
360.0	4365.25	3969.64	3564.66	3285.51	2966.56	2734.81	2527.06	2337.45	2125.01

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1976.95	1841.18	1717.69	1562.61	1438.54	1152.48	1152.48	1035.15	950.29
45.0	2195.24	2009.14	1871.61	1715.35	1593.63	1469.56	1305.11	1171.68	1052.29
90.0	1961.73	1831.23	1677.31	1553.83	1326.76	1157.63	1126.27	1026.25	946.78
135.0	2088.73	1947.69	1785.58	1658.59	1535.10	1373.58	1237.22	1107.30	992.60
180.0	2360.27	2188.80	2029.62	1860.49	1737.01	1608.26	1447.91	1310.38	1154.12
225.0	2158.37	1970.51	1832.98	1706.57	1586.02	1433.27	1148.56	1148.56	1058.61
270.0	2411.19	2230.35	2025.52	1892.68	1765.10	1639.27	1487.70	1365.97	1247.17
315.0	2302.33	2095.75	1948.86	1817.18	1660.93	1540.37	1422.74	1144.99	1144.99
360.0	1976.95	1841.18	1717.69	1562.61	1438.54	1152.48	1152.48	1035.15	950.29

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	860.87	778.58	691.38	585.58	499.37	415.16	331.53	230.46	161.17
45.0	968.02	877.90	790.70	705.25	616.89	506.86	419.08	337.73	295.60
90.0	853.49	764.77	670.84	580.02	470.11	386.13	303.67	211.97	149.82
135.0	924.13	845.12	730.42	638.54	547.83	437.22	351.78	310.81	310.81
180.0	1040.00	955.15	886.67	775.48	680.68	589.38	502.77	398.01	320.18
225.0	952.45	881.52	773.43	687.58	597.69	485.44	398.60	319.83	228.00
270.0	1122.52	990.26	918.28	846.88	728.66	638.54	526.18	441.32	358.80
315.0	1029.82	932.44	861.28	773.78	660.54	575.74	487.43	398.83	291.91
360.0	860.87	778.58	691.38	585.58	499.37	415.16	331.53	230.46	161.17

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	109.91	91.30	82.75	77.83	74.03	69.12	65.08	60.22	57.18
45.0	295.60	118.51	94.92	88.19	82.75	77.19	72.80	68.53	64.26
90.0	107.74	91.76	85.03	80.00	74.09	69.58	65.19	60.98	56.59
135.0	127.05	100.07	92.29	86.03	79.94	75.03	70.46	65.14	61.33
180.0	300.86	214.54	116.99	100.01	90.89	85.27	80.47	74.32	69.64
225.0	166.20	119.27	98.26	89.77	84.51	80.06	75.49	69.82	65.25
270.0	296.18	296.18	122.02	92.52	84.62	77.83	74.03	70.23	66.83
315.0	218.17	152.92	105.93	86.50	80.23	74.56	70.46	66.83	62.33
360.0	109.91	91.30	82.75	77.83	74.03	69.12	65.08	60.22	57.18

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	53.96	50.62	48.05	45.76	44.07	42.60	41.08	40.09	39.15
45.0	59.69	56.30	53.31	50.68	47.29	45.30	43.54	41.79	40.85
90.0	53.20	50.33	47.81	44.77	43.01	40.79	39.85	39.03	38.27
135.0	56.88	53.55	50.80	48.34	45.76	43.83	42.02	40.97	39.80
180.0	65.25	60.57	57.29	54.25	51.32	48.63	46.17	44.42	43.01
225.0	61.45	57.29	54.02	50.68	48.16	46.12	44.36	42.49	41.26
270.0	61.98	58.29	54.37	51.44	49.16	46.41	44.48	42.66	40.61
315.0	58.58	55.48	52.32	49.16	46.94	44.71	42.96	40.91	39.74
360.0	53.96	50.62	48.05	45.76	44.07	42.60	41.08	40.09	39.15
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	38.39	38.33	37.98	36.69	35.17	33.47	30.55	28.50	25.52
45.0	39.68	39.09	38.68	38.16	36.75	35.29	33.53	30.78	28.50
90.0	37.63	36.99	35.99	34.94	33.65	31.95	28.91	27.04	24.17
135.0	39.09	38.33	37.75	36.46	34.94	33.71	30.96	29.14	25.93
180.0	41.20	39.97	39.03	38.27	37.57	36.52	34.65	32.89	30.49
225.0	40.20	39.39	38.80	38.10	36.81	35.35	33.36	31.08	28.38
270.0	39.74	38.92	38.51	37.69	36.99	36.11	35.00	33.71	31.19
315.0	38.92	38.16	37.81	37.28	36.40	35.46	34.41	32.01	29.85
360.0	38.39	38.33	37.98	36.69	35.17	33.47	30.55	28.50	25.52
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	23.47	21.24	19.96	18.96	17.91	17.38	17.21	17.32	17.85
45.0	25.52	23.82	21.19	19.90	19.02	18.73	19.31	19.78	19.20
90.0	22.65	20.31	19.02	18.20	17.15	16.56	16.04	15.57	15.22
135.0	23.94	22.24	20.37	19.14	18.14	17.56	17.38	17.67	18.20
180.0	28.91	25.40	23.94	21.95	20.37	19.20	18.32	17.62	17.38
225.0	25.63	23.70	21.30	19.90	18.96	18.14	18.38	18.61	18.43
270.0	29.26	26.39	23.94	22.06	20.01	19.02	18.02	17.09	16.56
315.0	28.03	24.99	22.94	20.78	19.55	18.49	17.44	16.85	16.50
360.0	23.47	21.24	19.96	18.96	17.91	17.38	17.21	17.32	17.85
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	18.14	17.91	17.26	17.09	16.50	15.80	15.04	14.10	13.11
45.0	18.96	19.37	19.14	17.67	16.97	16.97	15.63	15.45	14.40
90.0	14.81	14.40	14.05	13.69	13.40	12.99	12.70	12.35	12.00
135.0	18.43	17.85	17.62	17.26	16.85	16.15	15.45	14.81	13.99
180.0	17.85	18.67	18.73	18.67	17.91	17.91	17.09	16.62	15.39
225.0	18.55	19.02	18.79	17.50	17.03	16.74	15.74	15.39	14.51
270.0	16.09	15.63	15.10	14.57	14.28	13.93	13.46	13.17	12.64
315.0	16.50	16.62	16.21	16.04	15.63	15.39	15.04	14.75	14.46
360.0	18.14	17.91	17.26	17.09	16.50	15.80	15.04	14.10	13.11
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	12.11	11.47	11.06	10.71	10.42	10.07	9.83	9.66	9.71
45.0	13.40	11.94	11.29	11.00	10.71	10.30	10.07	9.77	9.54
90.0	11.59	11.24	10.89	10.59	10.24	10.01	9.83	9.60	9.71
135.0	12.47	11.53	11.12	10.71	10.36	10.12	9.89	9.77	9.71
180.0	14.46	13.11	12.06	11.53	11.06	10.65	10.30	10.01	9.77
225.0	13.46	12.29	11.41	11.06	10.71	10.36	10.12	9.83	9.71
270.0	12.35	11.94	11.65	11.35	11.06	10.71	10.30	10.07	9.89
315.0	13.93	12.87	11.88	11.12	10.83	10.59	10.24	9.95	9.77
360.0	12.11	11.47	11.06	10.71	10.42	10.07	9.83	9.66	9.71

Intensity data(cd)

C/γ(°)	90.0
0.0	9.66
45.0	9.71
90.0	9.66
135.0	9.60
180.0	9.60
225.0	9.71
270.0	9.66
315.0	9.60
360.0	9.66