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NT

Client:

LumCAT: 2-2682-L

Luminaire: 92.70.412.00

Report No: 2024308-B019

Ballast type: AC

Test No: 2024308-C019

Voltage(V): 34.650

LampCAT: BRIDGELUX V13B LES13

Current(A): 0.450

Lamp flux(lm): 2653.0

Power (W): 15.592

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2286.74, Efficiency(%): 86.19% , Luminous Efficacy(lm/W): 146.66

Central intensity(cd): 9700.895, Maximum intensity(cd): 9700.895

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=19.2

[C90/270]Total=19.2

Field angle(10%Imax): [C0/180]Total=54.0

[C90/270]Total=54.0

Maximum s/h(1/2): C0_180=0.32 C90_270=0.32

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(%): 86.19%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.065%

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	9700.894	0.000	0	0.00%	0.00%
1.0	9630.448	9.250	9.25	0.35%	0.40%
2.0	9380.776	27.287	36.536	1.03%	1.60%
3.0	8984.579	43.924	80.46	1.66%	3.52%
4.0	8449.025	58.356	138.816	2.20%	6.07%
5.0	7851.876	70.126	208.942	2.64%	9.14%
6.0	7177.038	78.981	287.923	2.98%	12.59%
7.0	6458.455	84.635	372.558	3.19%	16.29%
8.0	5780.692	87.593	460.151	3.30%	20.12%
9.0	5160.353	88.671	548.822	3.34%	24.00%
10.0	4611.485	88.432	637.254	3.33%	27.87%
11.0	4133.210	87.377	724.631	3.29%	31.69%
12.0	3714.628	85.788	810.42	3.23%	35.44%
13.0	3368.540	84.059	894.479	3.17%	39.12%
14.0	3042.278	82.058	976.537	3.09%	42.70%
15.0	2776.073	79.877	1056.414	3.01%	46.20%
16.0	2532.254	77.782	1134.196	2.93%	49.60%
17.0	2321.207	75.581	1209.777	2.85%	52.90%
18.0	2121.426	73.249	1283.026	2.76%	56.11%
19.0	1946.371	70.771	1353.798	2.67%	59.20%
20.0	1773.437	68.083	1421.881	2.57%	62.18%
21.0	1595.206	64.685	1486.565	2.44%	65.01%
22.0	1454.438	61.284	1547.849	2.31%	67.69%
23.0	1328.936	58.403	1606.252	2.20%	70.24%
24.0	1213.186	55.580	1661.832	2.09%	72.67%
25.0	1128.994	53.256	1715.088	2.01%	75.00%
26.0	1049.564	51.425	1766.513	1.94%	77.25%
27.0	969.586	49.399	1815.912	1.86%	79.41%
28.0	897.903	47.281	1863.193	1.78%	81.48%
29.0	822.197	45.003	1908.196	1.70%	83.45%
30.0	739.183	42.157	1950.353	1.59%	85.29%
31.0	651.487	38.700	1989.053	1.46%	86.98%
32.0	568.663	34.956	2024.009	1.32%	88.51%
33.0	483.162	30.987	2054.996	1.17%	89.87%
34.0	401.033	26.758	2081.754	1.01%	91.04%
35.0	329.811	22.697	2104.452	0.86%	92.03%
36.0	275.063	19.259	2123.711	0.73%	92.87%
37.0	202.722	15.583	2139.293	0.59%	93.55%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	159.927	12.105	2151.398	0.46%	94.08%
39.0	118.940	9.518	2160.917	0.36%	94.50%
40.0	81.258	6.982	2167.899	0.26%	94.80%
41.0	66.467	5.260	2173.159	0.20%	95.03%
42.0	59.737	4.585	2177.745	0.17%	95.23%
43.0	56.189	4.294	2182.039	0.16%	95.42%
44.0	52.999	4.121	2186.16	0.16%	95.60%
45.0	50.037	3.960	2190.12	0.15%	95.77%
46.0	47.615	3.819	2193.939	0.14%	95.94%
47.0	45.794	3.715	2197.654	0.14%	96.10%
48.0	44.206	3.638	2201.292	0.14%	96.26%
49.0	42.736	3.570	2204.862	0.13%	96.42%
50.0	41.595	3.516	2208.378	0.13%	96.57%
51.0	40.659	3.480	2211.858	0.13%	96.73%
52.0	40.124	3.466	2215.325	0.13%	96.88%
53.0	39.708	3.473	2218.798	0.13%	97.03%
54.0	39.261	3.481	2222.278	0.13%	97.18%
55.0	38.859	3.487	2225.765	0.13%	97.33%
56.0	38.464	3.494	2229.259	0.13%	97.49%
57.0	37.571	3.477	2232.736	0.13%	97.64%
58.0	36.021	3.403	2236.139	0.13%	97.79%
59.0	33.833	3.266	2239.405	0.12%	97.93%
60.0	31.375	3.081	2242.485	0.12%	98.06%
61.0	28.669	2.865	2245.351	0.11%	98.19%
62.0	25.955	2.632	2247.983	0.10%	98.31%
63.0	23.182	2.390	2250.373	0.09%	98.41%
64.0	20.571	2.147	2252.52	0.08%	98.50%
65.0	18.435	1.930	2254.45	0.07%	98.59%
66.0	16.730	1.754	2256.204	0.07%	98.66%
67.0	15.604	1.626	2257.83	0.06%	98.74%
68.0	14.835	1.542	2259.372	0.06%	98.80%
69.0	14.331	1.488	2260.86	0.06%	98.87%
70.0	13.892	1.449	2262.31	0.05%	98.93%
71.0	13.563	1.419	2263.729	0.05%	98.99%
72.0	13.241	1.394	2265.122	0.05%	99.05%
73.0	12.977	1.371	2266.493	0.05%	99.11%
74.0	12.736	1.352	2267.845	0.05%	99.17%
75.0	12.524	1.335	2269.18	0.05%	99.23%

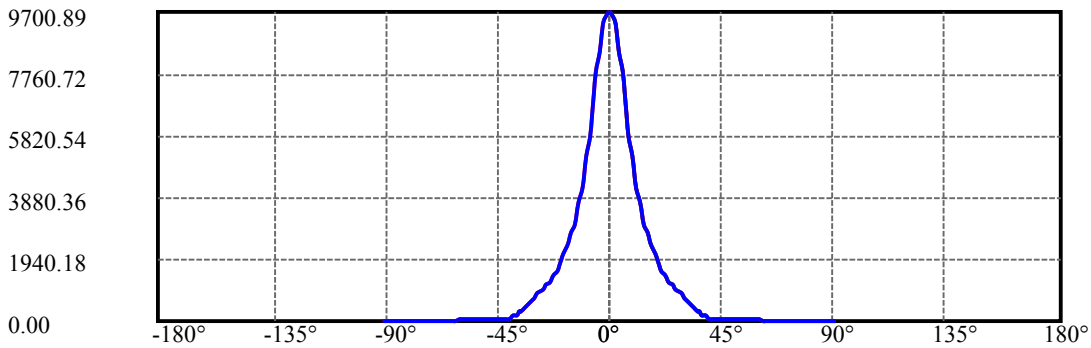
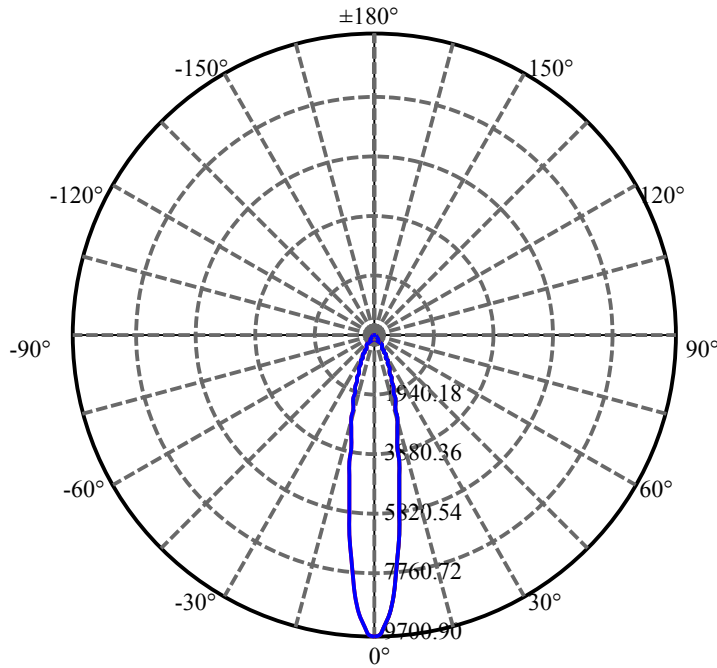
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	12.312	1.318	2270.498	0.05%	99.29%
77.0	12.085	1.301	2271.799	0.05%	99.35%
78.0	11.880	1.283	2273.082	0.05%	99.40%
79.0	11.631	1.263	2274.345	0.05%	99.46%
80.0	11.346	1.239	2275.584	0.05%	99.51%
81.0	11.090	1.213	2276.797	0.05%	99.57%
82.0	10.819	1.188	2277.985	0.04%	99.62%
83.0	10.571	1.163	2279.148	0.04%	99.67%
84.0	10.351	1.140	2280.288	0.04%	99.72%
85.0	10.132	1.118	2281.406	0.04%	99.77%
86.0	9.927	1.096	2282.502	0.04%	99.81%
87.0	9.773	1.078	2283.58	0.04%	99.86%
88.0	9.649	1.064	2284.644	0.04%	99.91%
89.0	9.568	1.053	2285.697	0.04%	99.95%
90.0	9.503	1.046	2286.743	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1950.35	73.51%	85.29%
0-40	2167.90	81.71%	94.80%
0-60	2242.49	84.53%	98.06%
0-90	2285.70	86.16%	99.95%
0-120	2285.70	86.16%	99.95%
0-180	2286.74	86.19%	100.00%
60-90	43.21	1.63%	1.89%
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%
0-27.29	1829.40	68.96%	80.00%

ZONAL LUMEN SUMMARY

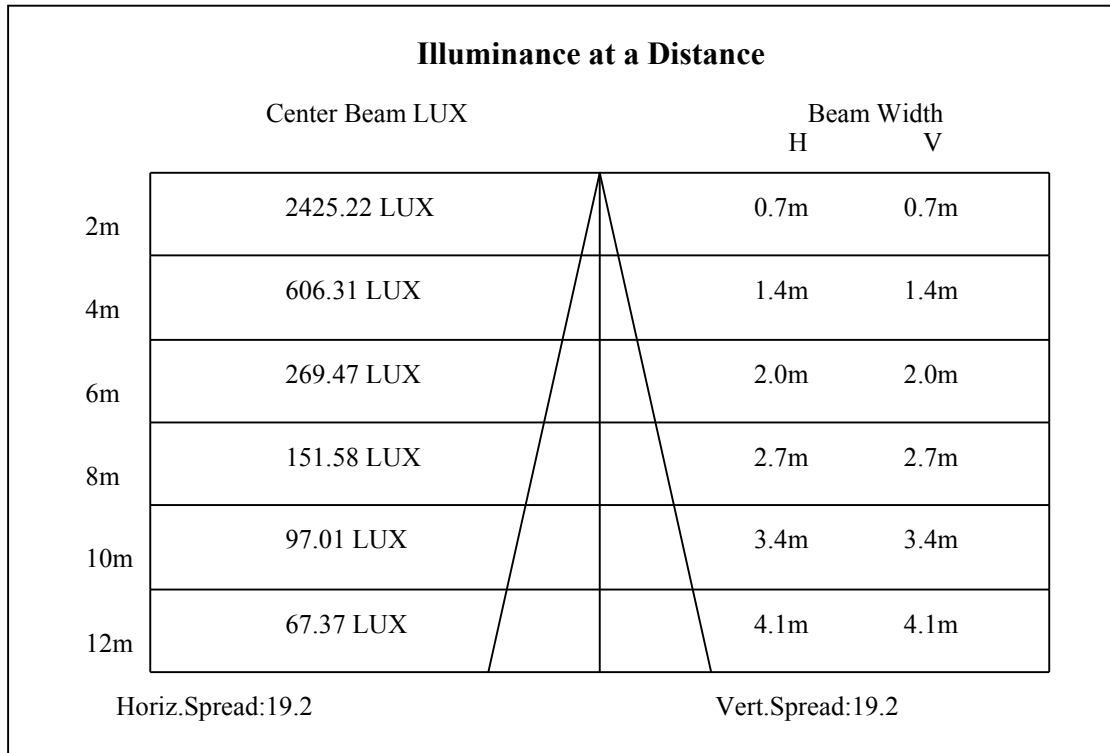
0-10	637.25
10-20	784.63
20-30	528.47
30-40	217.55
40-50	40.48
50-60	34.11
60-70	19.82
70-80	13.27
80-90	10.11
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

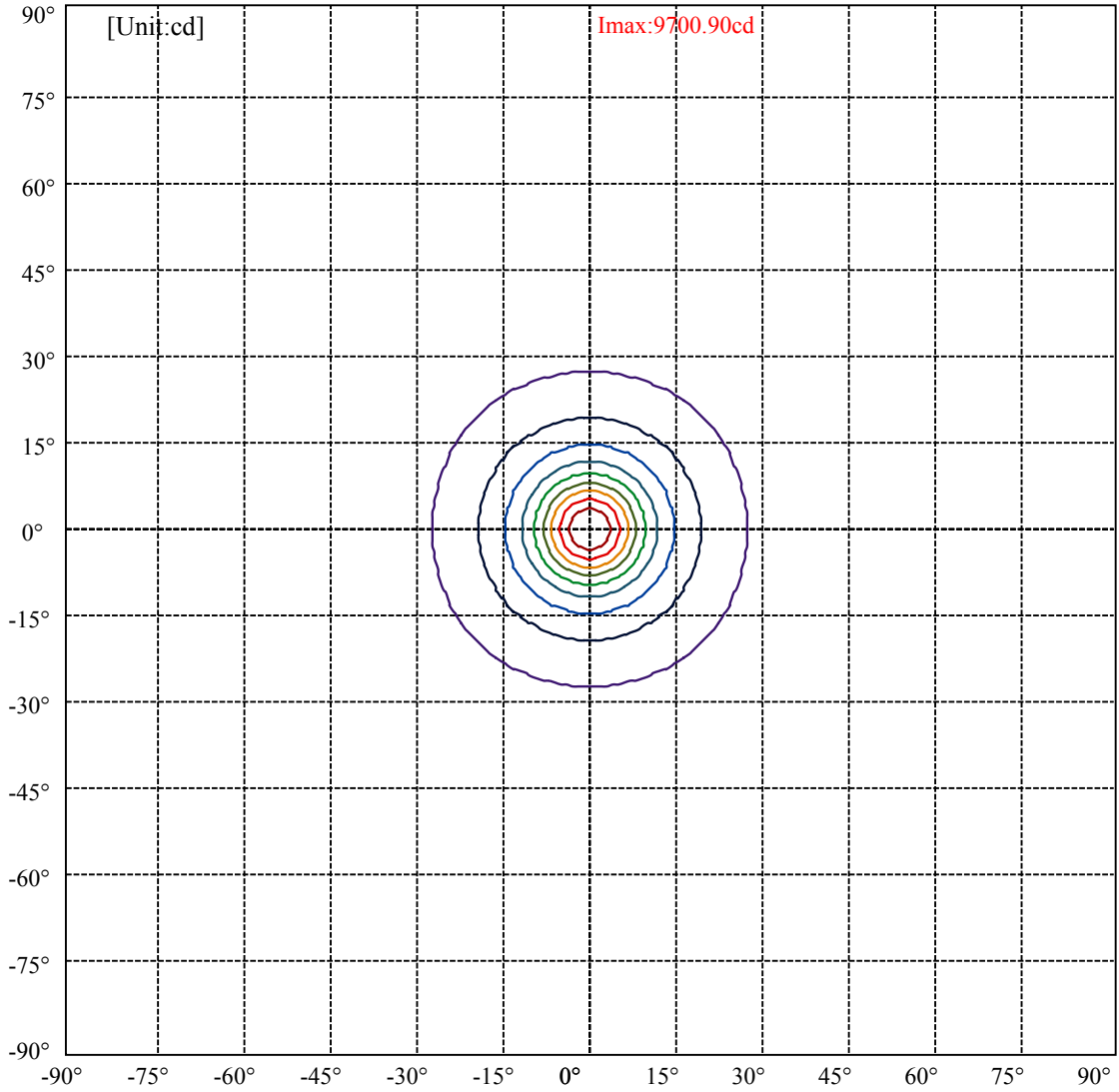


C0(Max): —————
C0/C180: —————
C90/C270: —————

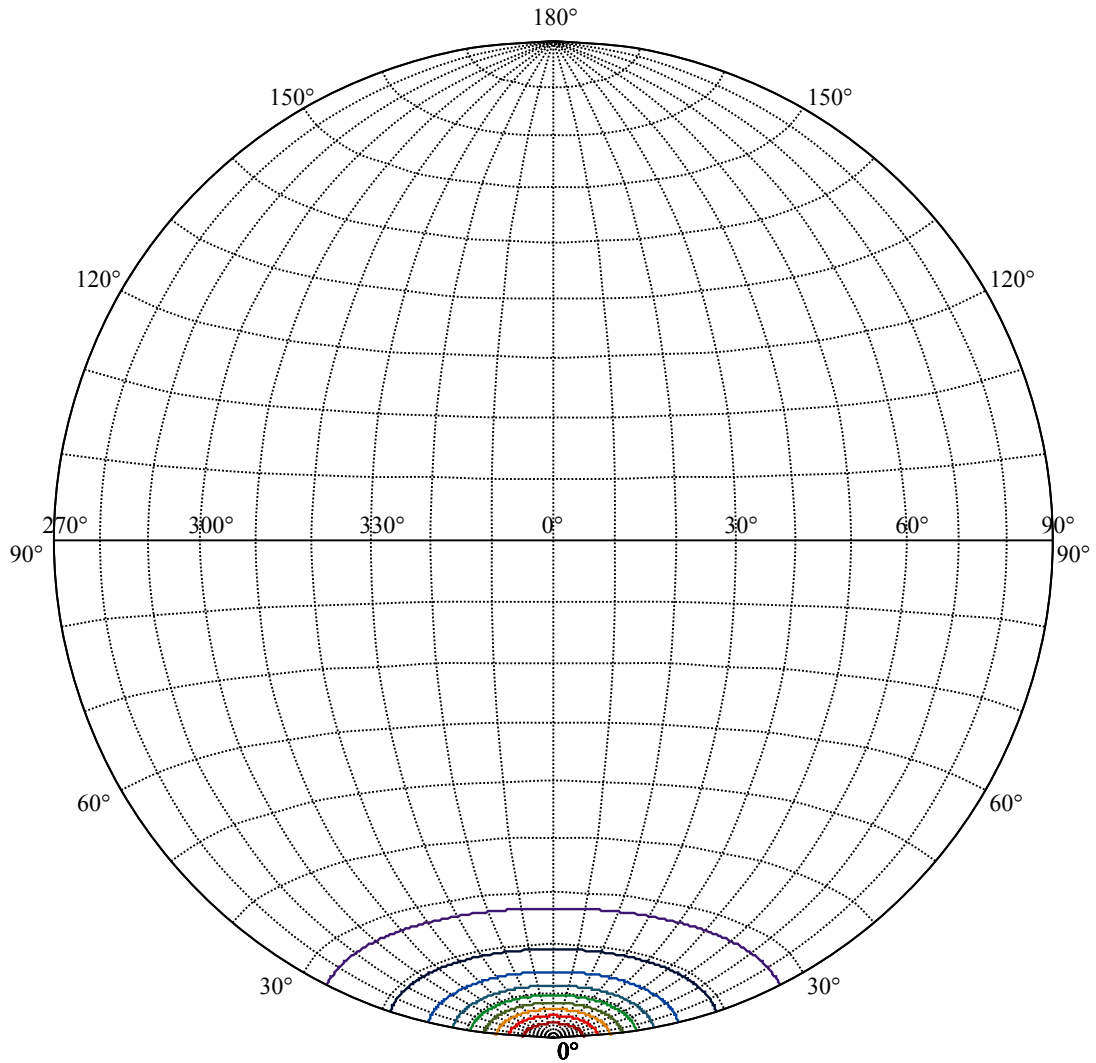
Field angle(10%Imax):C0/180Left:27.0 Right:27.0
:C90/270Left:27.0 Right:27.0

Beam Angle(50%Imax):C0/180Left:9.6 Right:9.6
:C90/270Left:9.6 Right:9.6





(10%Imax) 970.089	—
(20%Imax) 1940.18	—
(30%Imax) 2910.27	—
(40%Imax) 3880.36	—
(50%Imax) 4850.45	—
(60%Imax) 5820.54	—
(70%Imax) 6790.63	—
(80%Imax) 7760.72	—
(90%Imax) 8730.8	—



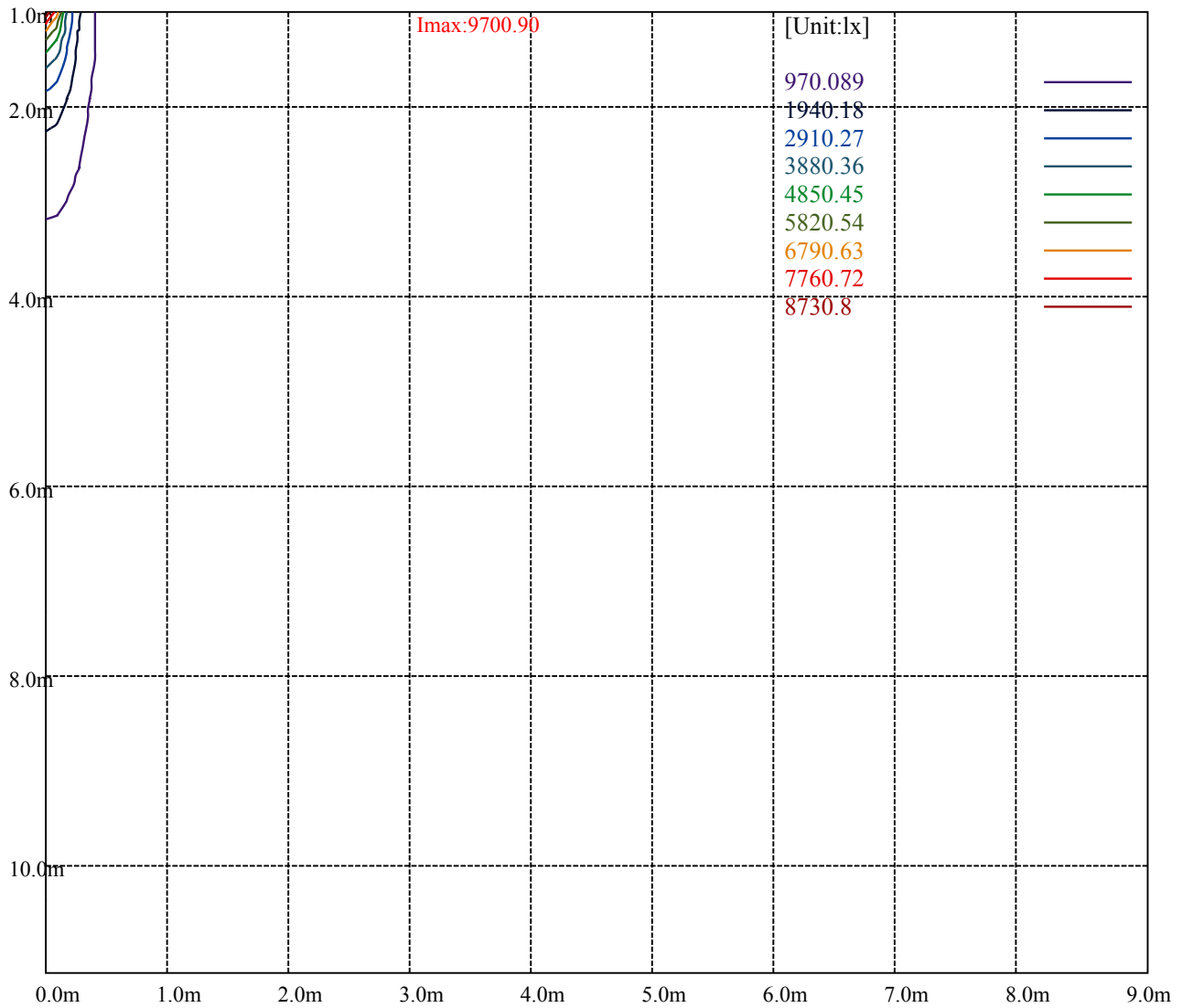
House

[Unit:cd]

Road

Imax:9700.90

(10%Imax)	970.089	—
(20%Imax)	1940.18	—
(30%Imax)	2910.27	—
(40%Imax)	3880.36	—
(50%Imax)	4850.45	—
(60%Imax)	5820.54	—
(70%Imax)	6790.63	—
(80%Imax)	7760.72	—
(90%Imax)	8730.8	—



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

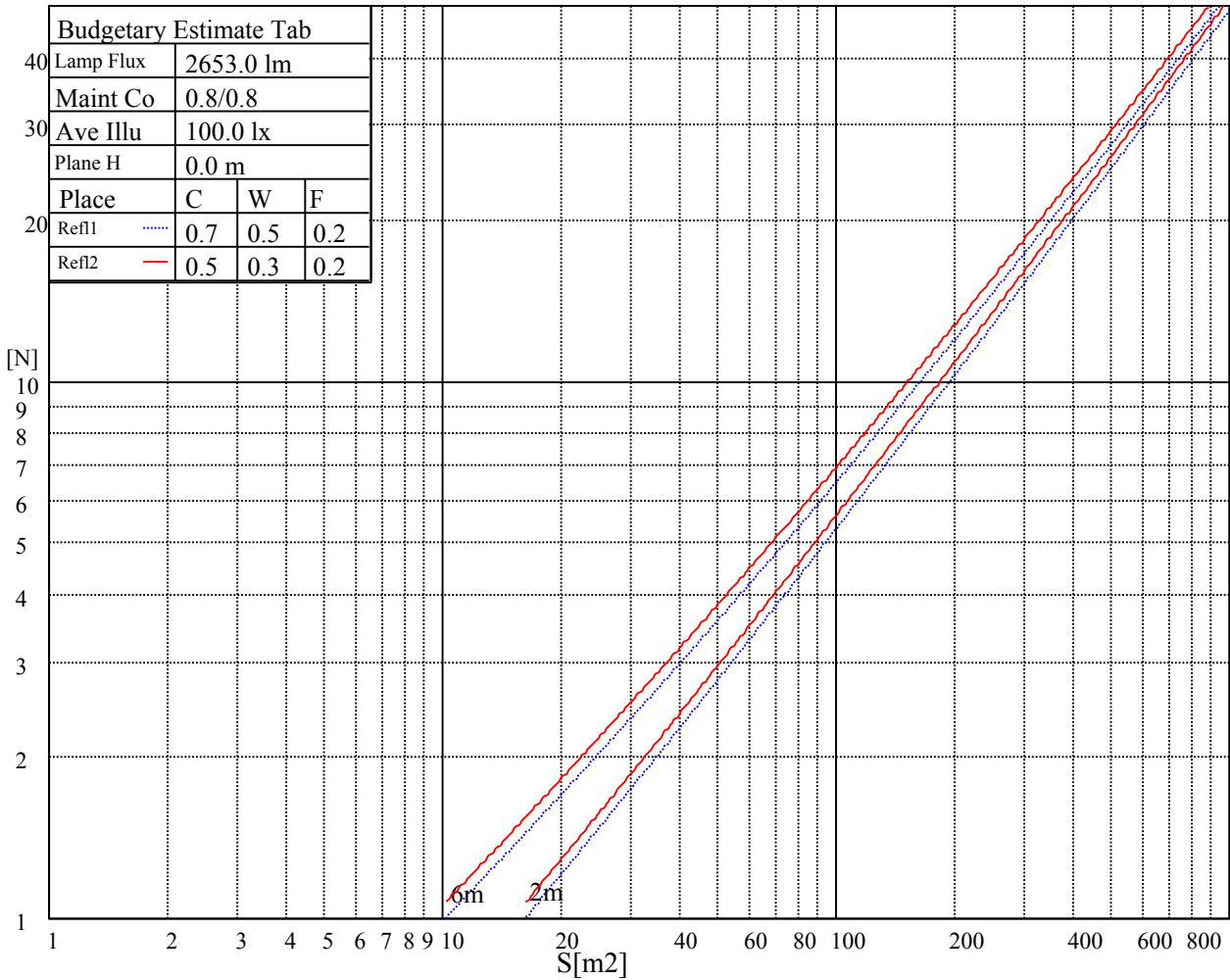
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

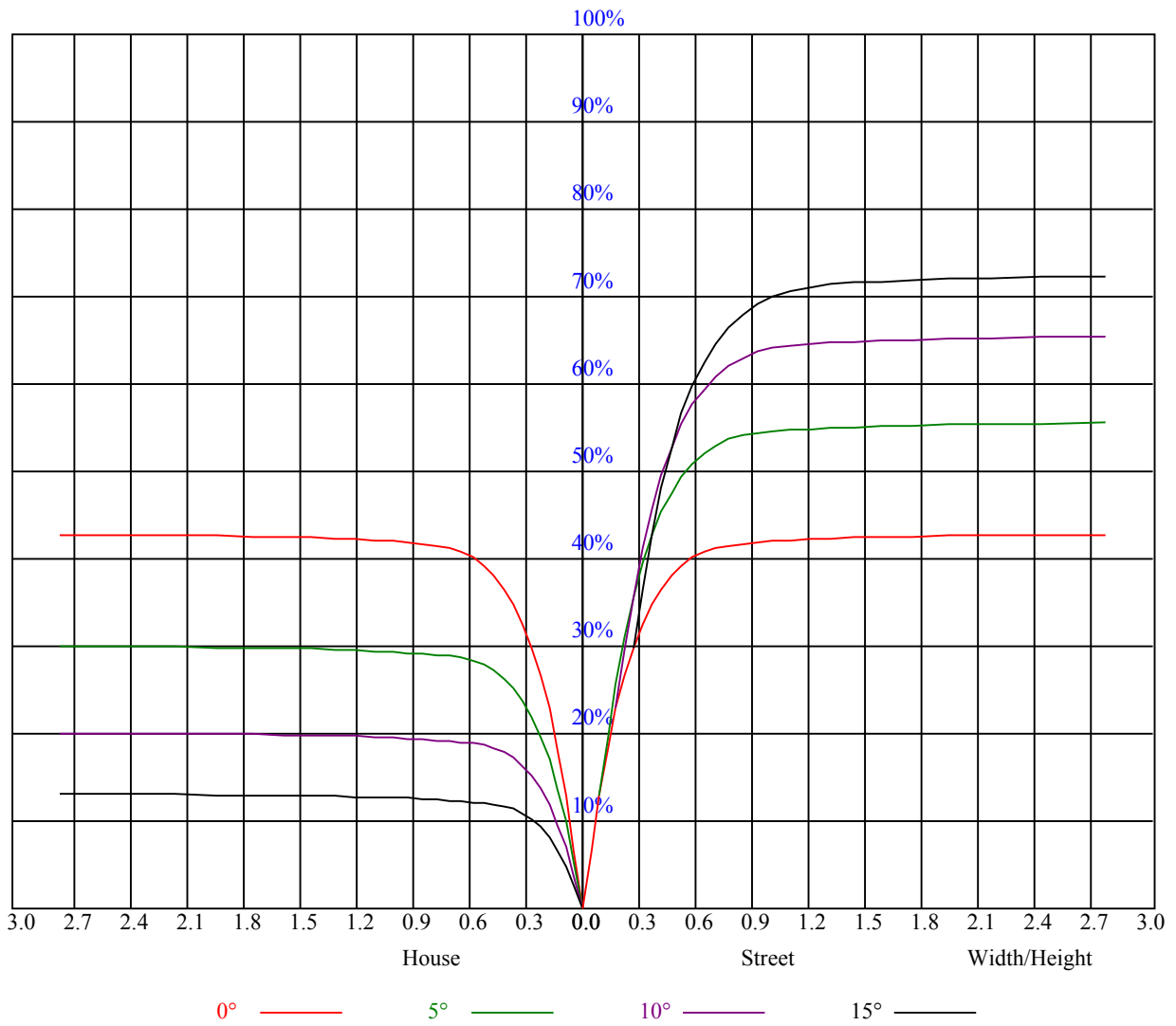


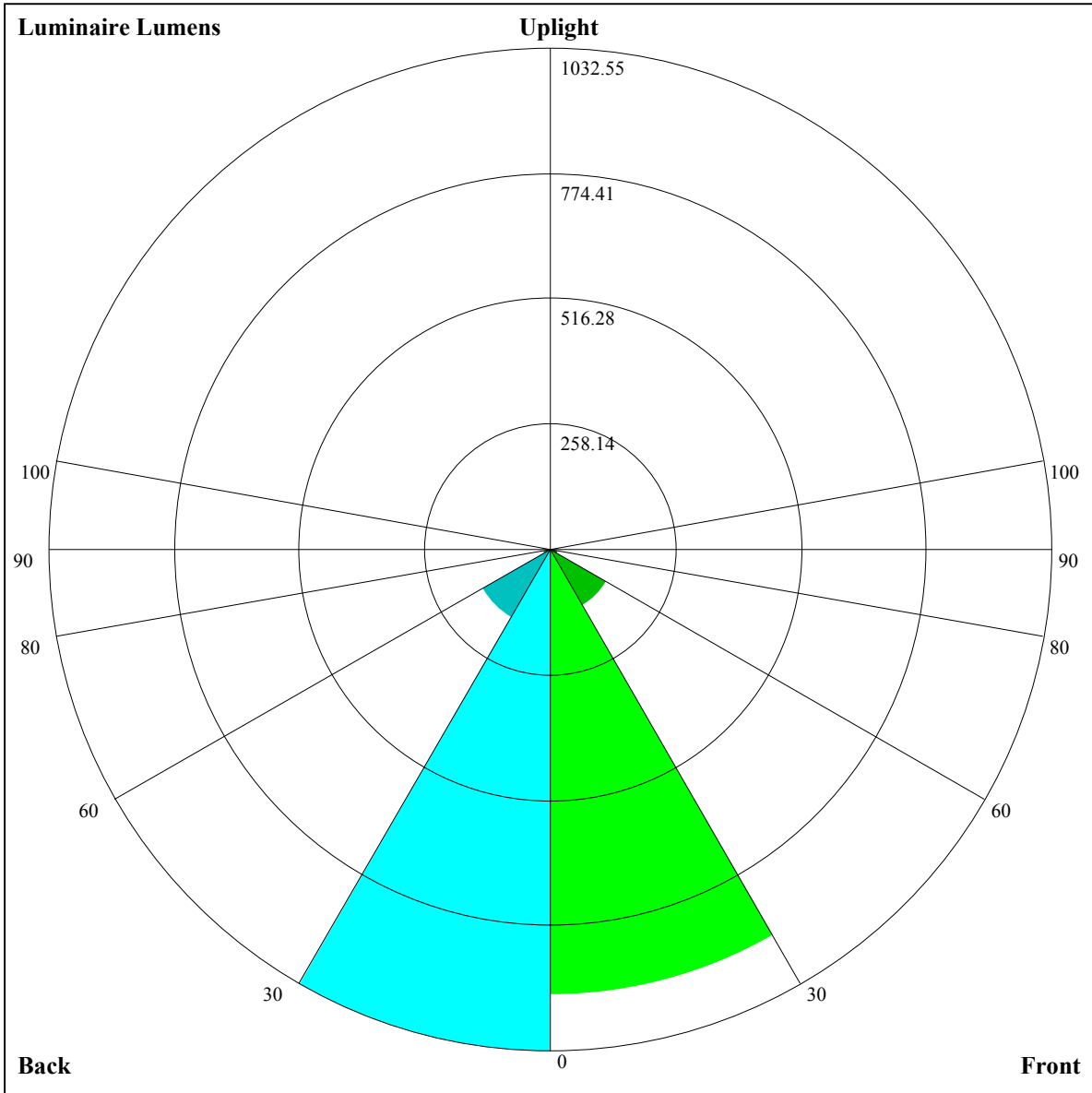
Illumination assessment according UGR										
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30
Rf of Wall	50	30	50	30	30	50	30	50	30	30
Rf of Floor	20	20	20	20	20	20	20	20	20	20
Room dimensions	Viewed crosswise					Viewed endwise				
X	Y									
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	3H	非数字	非数字	非数字	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	1.00	1.00	1.00	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	0.94	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	0.86	0.84	0.86	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	0.80	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	0.73	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	0.68	0.67
6	0.74	0.70	0.67	0.74	0.70	0.67	0.73	0.69	0.66	0.72	0.68	0.66	0.70	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	0.66	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	0.58	0.58
10	0.64	0.60	0.57	0.63	0.59	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=918.88,FM=133.3,FH=15.97,FVH=5.53

BL=1032.55,BM=161.17,BH=17.26,BVH=5.64

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	9414.57	8973.31	8451.88	7838.56	6942.00	6236.80	5577.25	4876.15	4399.78
45.0	9824.82	9596.58	9257.15	8672.51	8141.12	7463.43	6539.95	5828.90	5216.75
90.0	9682.02	9386.48	8835.20	8298.55	7692.84	6806.81	6086.40	5429.78	4879.66
135.0	9882.17	9807.26	9577.85	9136.59	8646.17	8069.73	7419.54	6526.49	5833.58
180.0	9414.57	9792.63	9897.97	9856.42	9604.77	9248.95	8798.92	8244.12	7408.42
225.0	9824.82	9881.00	9703.09	9408.14	8997.31	8499.87	7754.29	7051.43	6326.93
270.0	9682.02	9829.50	9844.13	9607.70	9158.24	8697.67	8154.00	7520.78	6630.66
315.0	9882.17	9776.83	9478.95	9058.17	8409.74	7791.74	7085.96	6189.98	5549.75
360.0	9414.57	8973.31	8451.88	7838.56	6942.00	6236.80	5577.25	4876.15	4399.78
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	3994.22	3547.69	3242.21	2974.17	2673.37	2463.27	2269.56	2093.41	1895.02
45.0	4568.32	4143.45	3771.25	3366.86	3078.93	2822.01	2593.19	2339.20	2157.20
90.0	4405.63	3910.53	3574.03	3263.27	2982.95	2680.39	2459.17	2217.48	2050.10
135.0	5214.41	4698.24	4152.23	3786.46	3365.69	3070.73	2814.41	2523.55	2321.65
180.0	6683.91	5979.89	5169.35	4629.77	4189.10	3705.70	3359.84	3071.32	2763.49
225.0	5497.08	4915.95	4421.43	3909.95	3555.89	3174.32	2912.72	2679.80	2465.61
270.0	5950.04	5347.84	4794.81	4201.97	3819.24	3468.69	3088.88	2839.57	2614.26
315.0	4969.20	4348.28	3940.38	3584.56	3283.17	2953.10	2710.82	2493.70	2302.33
360.0	3994.22	3547.69	3242.21	2974.17	2673.37	2463.27	2269.56	2093.41	1895.02
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1744.61	1604.75	1477.75	1162.67	1162.67	1118.54	1025.96	962.29	878.89
45.0	1989.82	1835.91	1653.32	1518.72	1396.41	1253.03	1150.61	1049.95	987.92
90.0	1892.09	1705.99	1568.46	1435.62	1150.44	1150.44	1087.47	1015.66	936.30
135.0	2139.64	1976.95	1784.99	1639.86	1505.26	1381.77	1239.57	1141.25	1062.83
180.0	2542.86	2330.42	2134.96	1925.45	1775.05	1633.42	1500.58	1347.25	1244.83
225.0	2216.89	2034.30	1867.51	1716.52	1547.98	1423.91	1155.00	1155.00	1094.31
270.0	2368.46	2180.61	1992.16	1790.26	1647.47	1516.38	1392.31	1250.68	1155.29
315.0	2077.02	1902.04	1708.33	1572.56	1450.25	1154.01	1154.01	1109.88	1036.14
360.0	1744.61	1604.75	1477.75	1162.67	1162.67	1118.54	1025.96	962.29	878.89
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	798.60	715.67	631.75	531.91	455.19	380.16	307.48	225.37	169.66
45.0	922.37	846.29	744.46	660.78	579.43	502.18	405.62	331.88	296.77
90.0	860.51	785.49	700.57	621.68	520.09	444.07	349.38	279.44	218.05
135.0	980.31	914.18	837.52	734.52	654.93	574.16	475.85	398.01	324.27
180.0	1132.47	1055.80	994.94	918.28	843.37	762.02	680.09	578.26	498.67
225.0	1024.73	955.38	895.10	817.56	715.32	634.09	551.57	474.03	381.16
270.0	1080.38	1010.74	940.52	878.48	800.06	694.14	617.47	520.32	438.39
315.0	957.31	899.67	832.72	750.26	643.51	558.48	477.84	400.94	311.52
360.0	798.60	715.67	631.75	531.91	455.19	380.16	307.48	225.37	169.66
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	120.97	80.23	68.24	63.85	59.58	56.47	51.68	49.04	47.29
45.0	296.77	129.22	88.43	68.00	63.44	59.46	55.83	52.79	50.39
90.0	146.89	103.82	77.19	67.42	62.44	58.23	54.89	51.79	49.63
135.0	306.13	222.33	115.64	81.76	67.18	62.74	58.76	55.83	52.61
180.0	420.25	345.93	310.81	310.81	138.76	88.78	70.58	64.84	59.11
225.0	307.95	242.87	184.05	121.20	84.10	69.06	63.56	59.63	56.01
270.0	355.88	310.23	310.23	149.82	109.09	77.66	66.72	62.91	59.87
315.0	245.68	187.15	124.83	88.66	65.49	59.34	55.89	52.67	49.10
360.0	120.97	80.23	68.24	63.85	59.58	56.47	51.68	49.04	47.29

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	45.41	43.66	42.43	41.14	40.26	39.97	39.27	38.86	38.80
45.0	48.05	46.53	44.83	43.42	41.96	40.67	40.44	40.20	39.50
90.0	47.52	45.18	43.07	42.19	41.02	40.20	39.62	39.15	39.33
135.0	50.21	48.11	46.29	44.89	42.90	41.73	41.02	40.97	40.15
180.0	55.89	51.79	49.45	47.52	45.59	43.48	42.19	41.02	40.03
225.0	51.38	49.33	47.52	45.30	43.83	42.66	41.20	40.56	40.38
270.0	54.60	50.68	48.81	46.99	44.89	43.83	42.31	41.32	40.85
315.0	47.23	45.65	43.95	42.19	41.43	40.20	39.21	38.92	38.62
360.0	45.41	43.66	42.43	41.14	40.26	39.97	39.27	38.86	38.80
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	38.33	37.81	36.17	34.00	31.08	28.44	25.87	22.71	20.01
45.0	39.21	39.15	38.92	37.75	35.35	32.30	29.32	27.27	23.88
90.0	39.44	38.68	37.81	36.58	34.24	30.61	28.03	25.93	22.82
135.0	39.85	39.62	39.44	38.80	37.57	35.64	32.77	29.26	27.56
180.0	39.62	38.92	38.68	38.27	38.04	37.57	35.93	34.06	31.49
225.0	39.56	39.03	39.21	38.74	37.98	35.82	33.83	30.31	27.74
270.0	40.20	39.80	39.62	39.33	38.57	37.16	35.29	32.60	29.20
315.0	37.86	37.86	37.86	37.10	35.35	33.12	29.96	27.21	24.93
360.0	38.33	37.81	36.17	34.00	31.08	28.44	25.87	22.71	20.01
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	18.14	16.15	15.33	14.81	14.28	13.93	13.58	13.28	13.05
45.0	20.72	18.61	16.80	15.39	14.86	14.40	13.99	13.64	13.28
90.0	19.49	17.67	16.21	15.22	14.69	14.16	13.81	13.46	13.17
135.0	23.99	21.19	19.14	16.85	15.92	15.27	14.81	14.22	13.87
180.0	28.27	26.22	23.58	20.60	17.97	16.44	15.39	14.81	14.28
225.0	25.57	21.65	19.14	17.21	15.74	14.86	14.40	13.99	13.69
270.0	26.98	24.29	20.42	18.20	16.62	15.39	14.86	14.34	13.99
315.0	22.30	18.79	16.85	15.57	14.75	14.22	13.81	13.40	13.17
360.0	18.14	16.15	15.33	14.81	14.28	13.93	13.58	13.28	13.05
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	12.76	12.58	12.41	12.17	11.94	11.70	11.47	11.18	10.89
45.0	12.93	12.70	12.58	12.35	12.17	11.94	11.76	11.41	11.12
90.0	12.87	12.64	12.47	12.29	12.00	11.82	11.59	11.29	10.94
135.0	13.58	13.28	12.99	12.76	12.58	12.29	12.06	11.82	11.41
180.0	13.93	13.58	13.23	12.99	12.70	12.47	12.29	12.11	11.82
225.0	13.28	13.05	12.76	12.52	12.35	12.11	11.88	11.70	11.47
270.0	13.64	13.34	13.05	12.82	12.64	12.47	12.29	12.06	11.82
315.0	12.93	12.64	12.41	12.29	12.11	11.88	11.70	11.47	11.29
360.0	12.76	12.58	12.41	12.17	11.94	11.70	11.47	11.18	10.89
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	10.59	10.36	10.18	10.01	9.83	9.60	9.54	9.48	9.48
45.0	10.89	10.65	10.36	10.18	9.95	9.77	9.60	9.54	9.48
90.0	10.71	10.48	10.24	10.01	9.83	9.71	9.60	9.48	9.48
135.0	11.18	10.89	10.59	10.36	10.18	9.95	9.77	9.71	9.54
180.0	11.59	11.29	11.00	10.83	10.48	10.30	10.07	9.89	9.77
225.0	11.24	10.94	10.77	10.48	10.24	10.01	9.89	9.71	9.60
270.0	11.53	11.24	10.94	10.65	10.42	10.18	9.95	9.77	9.66
315.0	11.00	10.71	10.48	10.30	10.12	9.89	9.77	9.60	9.54
360.0	10.59	10.36	10.18	10.01	9.83	9.60	9.54	9.48	9.48

Intensity data(cd)

C/γ(°)	90.0
0.0	9.48
45.0	9.48
90.0	9.48
135.0	9.48
180.0	9.60
225.0	9.48
270.0	9.48
315.0	9.54
360.0	9.48