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NT

Client:

LumCAT: 2-2686-L

Luminaire: 92.70.412.00

Report No: 2024314-B020

Ballast type: AC

Test No: 2024314-C020

Voltage(V): 34.580

LampCAT: BRIDGELUX V13B LES13

Current(A): 0.450

Lamp flux(lm): 2653.0

Power (W): 15.561

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2221.90, Efficiency(%): 83.75% , Luminous Efficacy(lm/W): 142.79

Central intensity(cd): 11517.140, Maximum intensity(cd): 11517.140

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=18.8

[C90/270]Total=18.8

Field angle(10%Imax): [C0/180]Total=47.0

[C90/270]Total=47.0

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

Maximum s/h(1/4): C0_180=0.34 C90_270=0.34

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 83.75%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.187%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/14
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	11517.140	0.000	0	0.00%	0.00%
1.0	11426.942	10.978	10.978	0.41%	0.49%
2.0	11179.319	32.447	43.425	1.22%	1.95%
3.0	10772.076	52.501	95.925	1.98%	4.32%
4.0	10180.852	70.136	166.062	2.64%	7.47%
5.0	9489.043	84.619	250.681	3.19%	11.28%
6.0	8736.736	95.781	346.462	3.61%	15.59%
7.0	7892.330	103.216	449.678	3.89%	20.24%
8.0	6955.165	106.261	555.939	4.01%	25.02%
9.0	6138.191	106.115	662.053	4.00%	29.80%
10.0	5288.956	103.411	765.465	3.90%	34.45%
11.0	4551.792	98.329	863.794	3.71%	38.88%
12.0	3909.362	92.493	956.287	3.49%	43.04%
13.0	3344.912	86.090	1042.377	3.25%	46.91%
14.0	2925.159	80.256	1122.633	3.03%	50.53%
15.0	2595.605	75.792	1198.425	2.86%	53.94%
16.0	2329.986	72.174	1270.598	2.72%	57.19%
17.0	2093.189	68.881	1339.479	2.60%	60.29%
18.0	1899.187	65.826	1405.305	2.48%	63.25%
19.0	1737.153	63.265	1468.569	2.38%	66.10%
20.0	1580.312	60.719	1529.288	2.29%	68.83%
21.0	1407.517	57.372	1586.661	2.16%	71.41%
22.0	1296.347	54.335	1640.996	2.05%	73.86%
23.0	1188.490	52.139	1693.134	1.97%	76.20%
24.0	1111.693	50.290	1743.425	1.90%	78.47%
25.0	1015.022	48.357	1791.782	1.82%	80.64%
26.0	917.962	45.628	1837.41	1.72%	82.70%
27.0	822.622	42.584	1879.994	1.61%	84.61%
28.0	728.817	39.279	1919.273	1.48%	86.38%
29.0	637.500	35.747	1955.02	1.35%	87.99%
30.0	545.569	31.943	1986.962	1.20%	89.43%
31.0	467.668	28.197	2015.159	1.06%	90.70%
32.0	396.746	24.764	2039.923	0.93%	91.81%
33.0	331.654	21.459	2061.382	0.81%	92.78%
34.0	279.752	18.503	2079.885	0.70%	93.61%
35.0	233.944	15.953	2095.839	0.60%	94.33%
36.0	195.034	13.659	2109.498	0.51%	94.94%
37.0	138.245	10.870	2120.367	0.41%	95.43%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	108.391	8.232	2128.6	0.31%	95.80%
39.0	85.823	6.629	2135.229	0.25%	96.10%
40.0	68.274	5.374	2140.603	0.20%	96.34%
41.0	53.797	4.347	2144.95	0.16%	96.54%
42.0	44.309	3.564	2148.514	0.13%	96.70%
43.0	36.781	3.004	2151.518	0.11%	96.83%
44.0	32.165	2.602	2154.12	0.10%	96.95%
45.0	28.713	2.340	2156.46	0.09%	97.05%
46.0	25.991	2.139	2158.599	0.08%	97.15%
47.0	23.921	1.985	2160.584	0.07%	97.24%
48.0	22.341	1.870	2162.455	0.07%	97.32%
49.0	21.039	1.781	2164.236	0.07%	97.40%
50.0	19.876	1.706	2165.942	0.06%	97.48%
51.0	18.969	1.643	2167.585	0.06%	97.56%
52.0	18.266	1.598	2169.183	0.06%	97.63%
53.0	17.740	1.566	2170.749	0.06%	97.70%
54.0	17.271	1.543	2172.293	0.06%	97.77%
55.0	16.964	1.528	2173.821	0.06%	97.84%
56.0	16.796	1.526	2175.346	0.06%	97.90%
57.0	16.767	1.535	2176.881	0.06%	97.97%
58.0	16.803	1.552	2178.433	0.06%	98.04%
59.0	16.942	1.578	2180.011	0.06%	98.11%
60.0	17.111	1.609	2181.62	0.06%	98.19%
61.0	17.250	1.640	2183.259	0.06%	98.26%
62.0	17.308	1.665	2184.925	0.06%	98.34%
63.0	17.191	1.678	2186.602	0.06%	98.41%
64.0	16.898	1.673	2188.275	0.06%	98.49%
65.0	16.416	1.649	2189.924	0.06%	98.56%
66.0	15.808	1.608	2191.532	0.06%	98.63%
67.0	15.062	1.552	2193.084	0.06%	98.70%
68.0	14.426	1.494	2194.578	0.06%	98.77%
69.0	14.045	1.452	2196.03	0.05%	98.84%
70.0	13.819	1.431	2197.461	0.05%	98.90%
71.0	13.475	1.411	2198.872	0.05%	98.96%
72.0	13.277	1.391	2200.263	0.05%	99.03%
73.0	13.255	1.387	2201.65	0.05%	99.09%
74.0	13.087	1.385	2203.035	0.05%	99.15%
75.0	12.816	1.369	2204.404	0.05%	99.21%

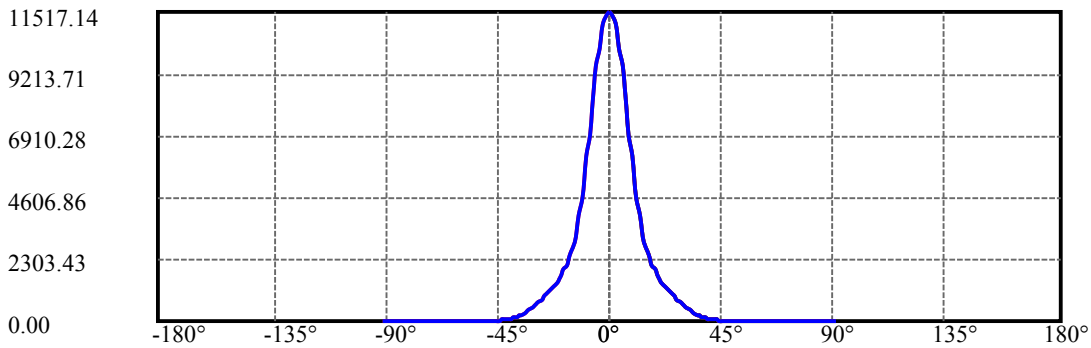
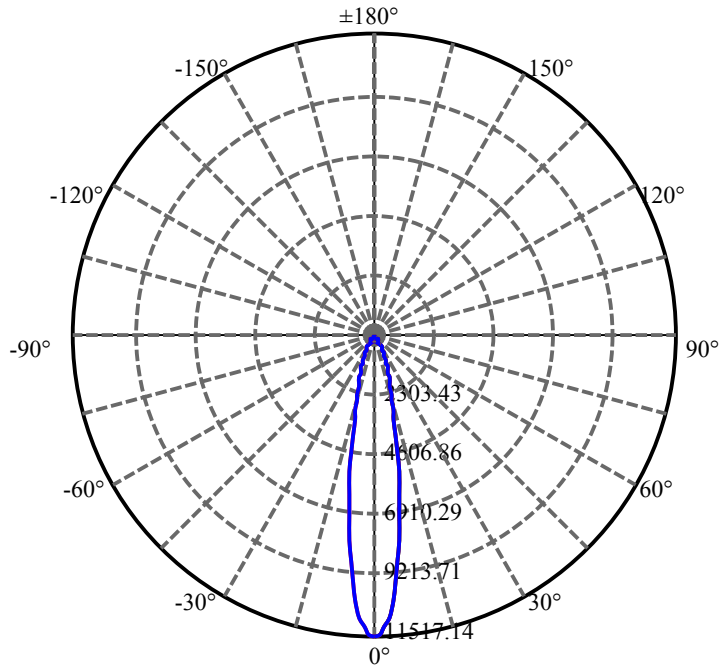
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	12.495	1.344	2205.747	0.05%	99.27%
77.0	12.326	1.323	2207.071	0.05%	99.33%
78.0	11.939	1.299	2208.37	0.05%	99.39%
79.0	11.690	1.270	2209.639	0.05%	99.45%
80.0	11.331	1.241	2210.88	0.05%	99.50%
81.0	10.988	1.207	2212.087	0.05%	99.56%
82.0	10.658	1.174	2213.261	0.04%	99.61%
83.0	10.402	1.145	2214.406	0.04%	99.66%
84.0	10.176	1.121	2215.527	0.04%	99.71%
85.0	10.007	1.102	2216.629	0.04%	99.76%
86.0	9.810	1.083	2217.712	0.04%	99.81%
87.0	9.664	1.066	2218.778	0.04%	99.86%
88.0	9.525	1.051	2219.829	0.04%	99.91%
89.0	9.459	1.041	2220.869	0.04%	99.95%
90.0	9.415	1.035	2221.904	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1986.96	74.89%	89.43%
0-40	2140.60	80.69%	96.34%
0-60	2181.62	82.23%	98.19%
0-90	2220.87	83.71%	99.95%
0-120	2220.87	83.71%	99.95%
0-180	2221.90	83.75%	100.00%
60-90	39.25	1.48%	1.77%
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%
0-24.71	1777.52	67.00%	80.00%

ZONAL LUMEN SUMMARY

0-10	765.46
10-20	763.82
20-30	457.67
30-40	153.64
40-50	25.34
50-60	15.68
60-70	15.84
70-80	13.42
80-90	9.99
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



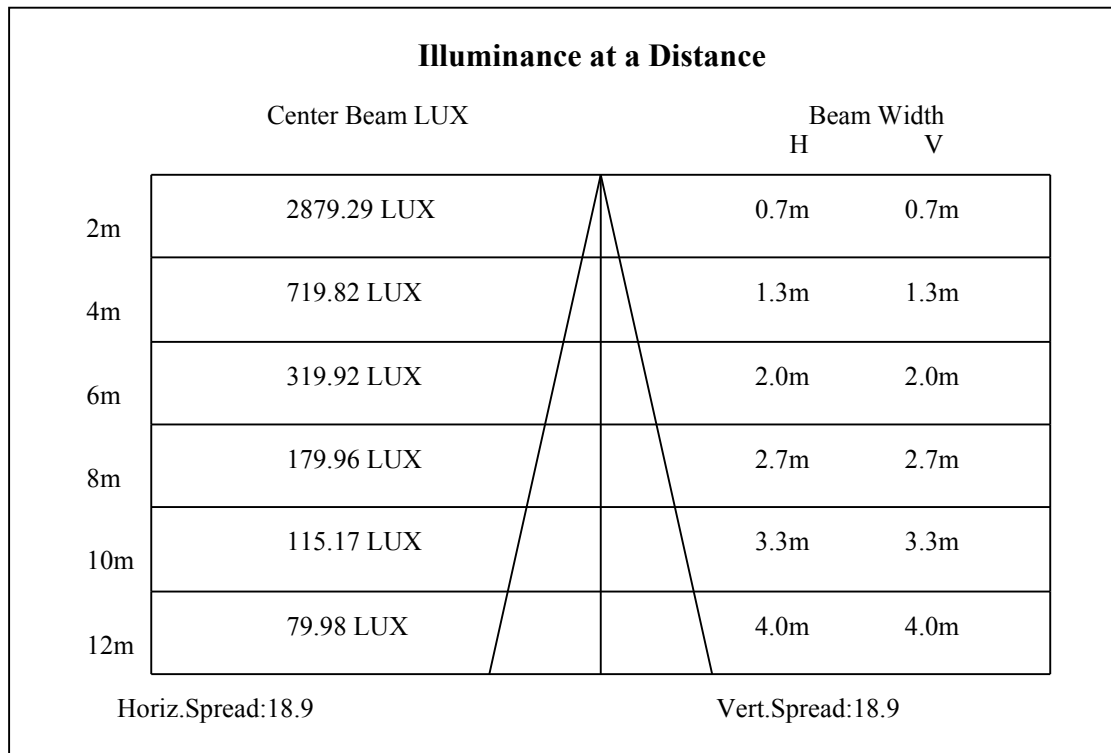
C0(Max): —————

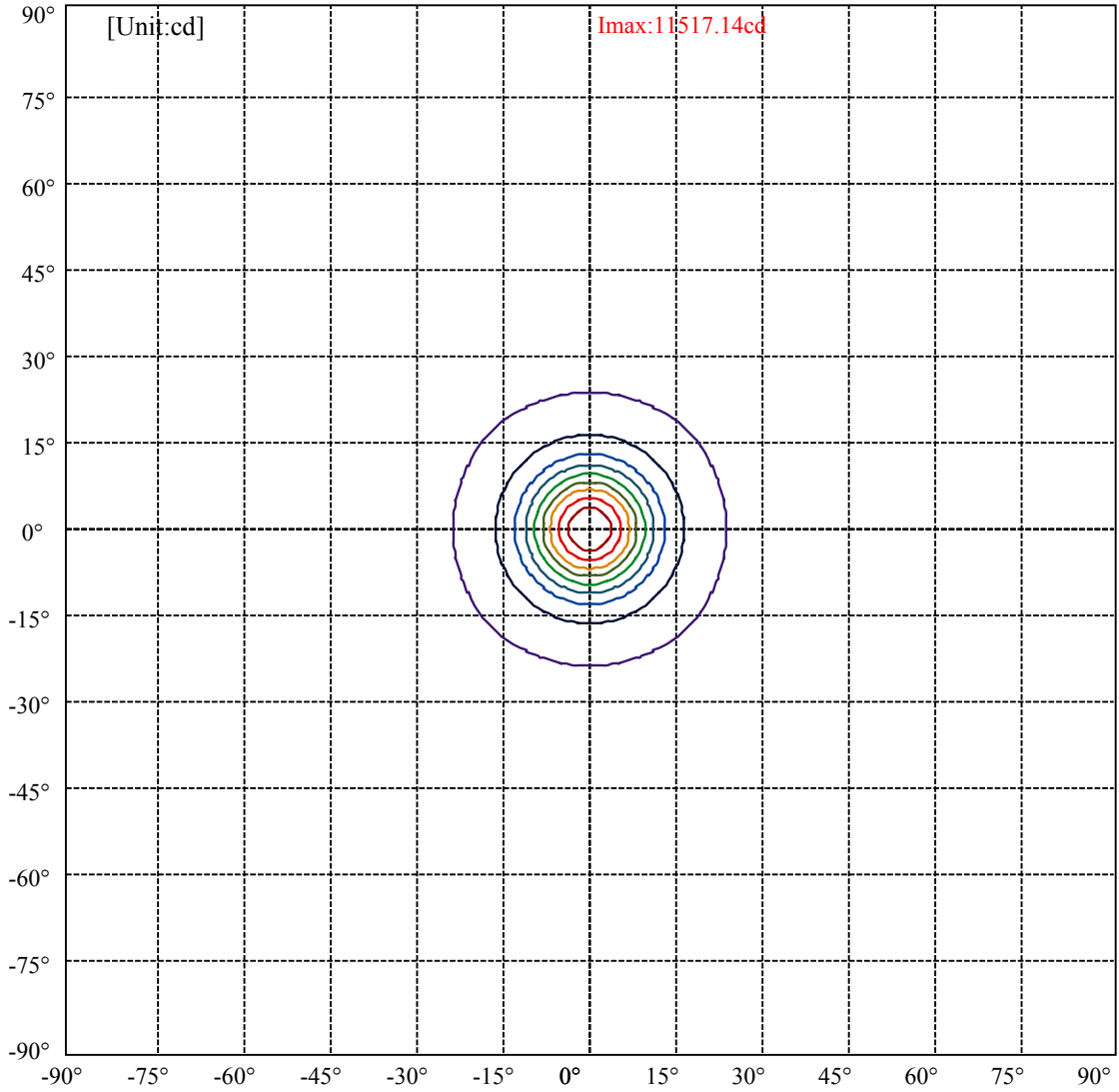
C0/C180: —————

C90/C270: —————

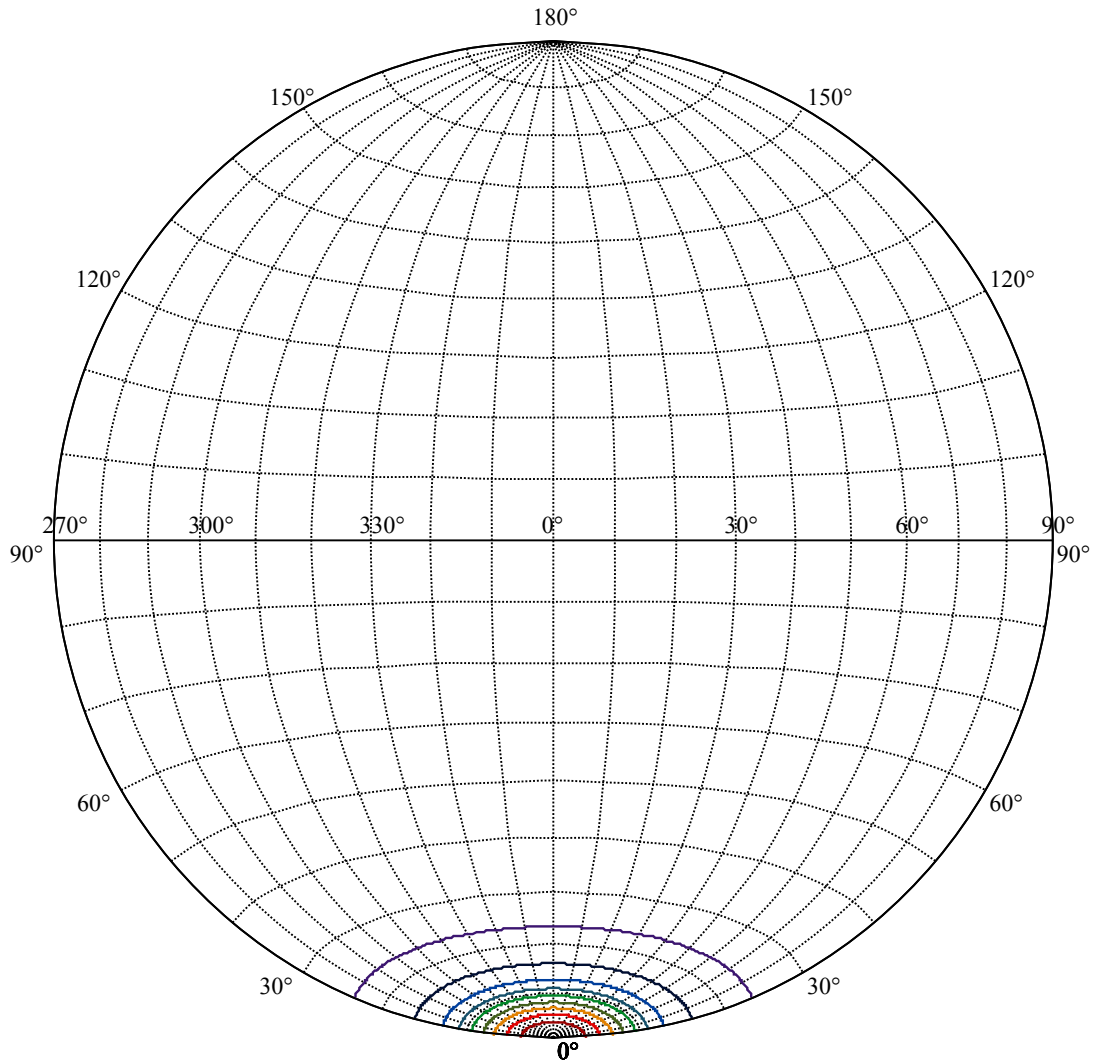
Field angle(10%Imax):C0/180Left:23.5 Right:23.5
:C90/270Left:23.5 Right:23.5

Beam Angle(50%Imax):C0/180Left:9.4 Right:9.4
:C90/270Left:9.4 Right:9.4





(10%Imax) 1151.71	—
(20%Imax) 2303.43	—
(30%Imax) 3455.14	—
(40%Imax) 4606.86	—
(50%Imax) 5758.57	—
(60%Imax) 6910.29	—
(70%Imax) 8062	—
(80%Imax) 9213.71	—
(90%Imax) 10365.4	—



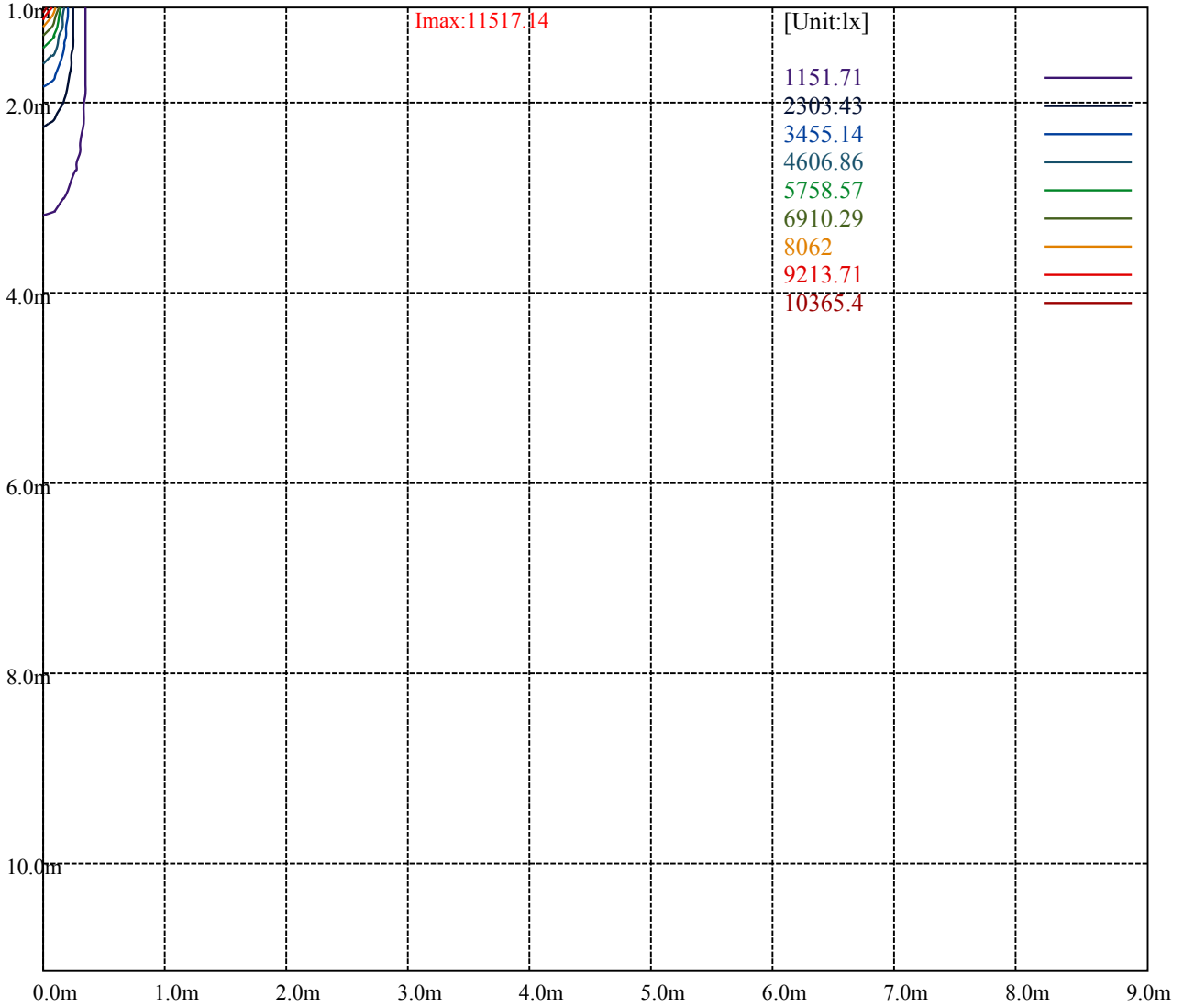
House

[Unit:cd]

Road

Imax:11517.14

(10%Imax)	1151.71	—
(20%Imax)	2303.43	—
(30%Imax)	3455.14	—
(40%Imax)	4606.86	—
(50%Imax)	5758.57	—
(60%Imax)	6910.29	—
(70%Imax)	8062	—
(80%Imax)	9213.71	—
(90%Imax)	10365.4	—



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

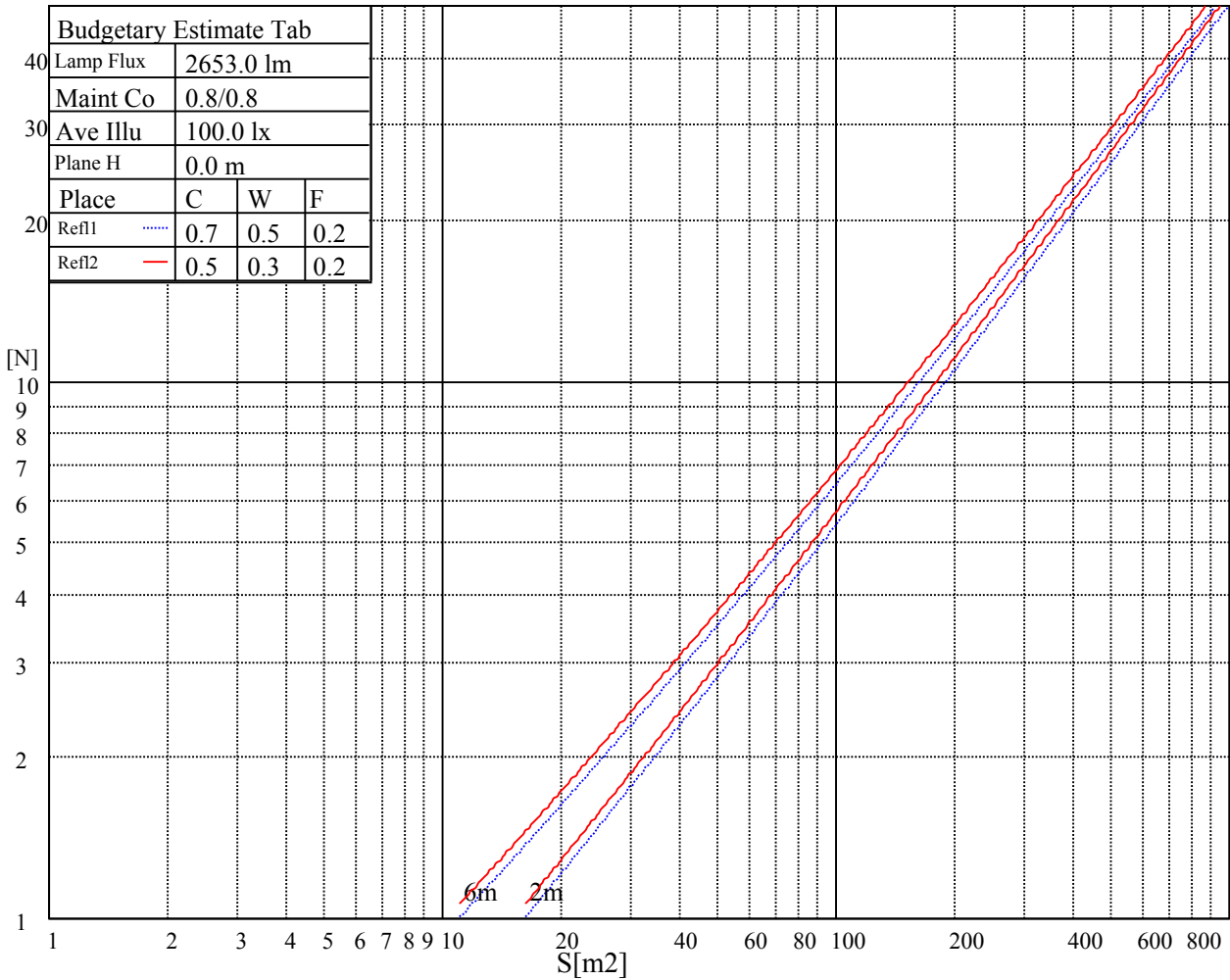
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

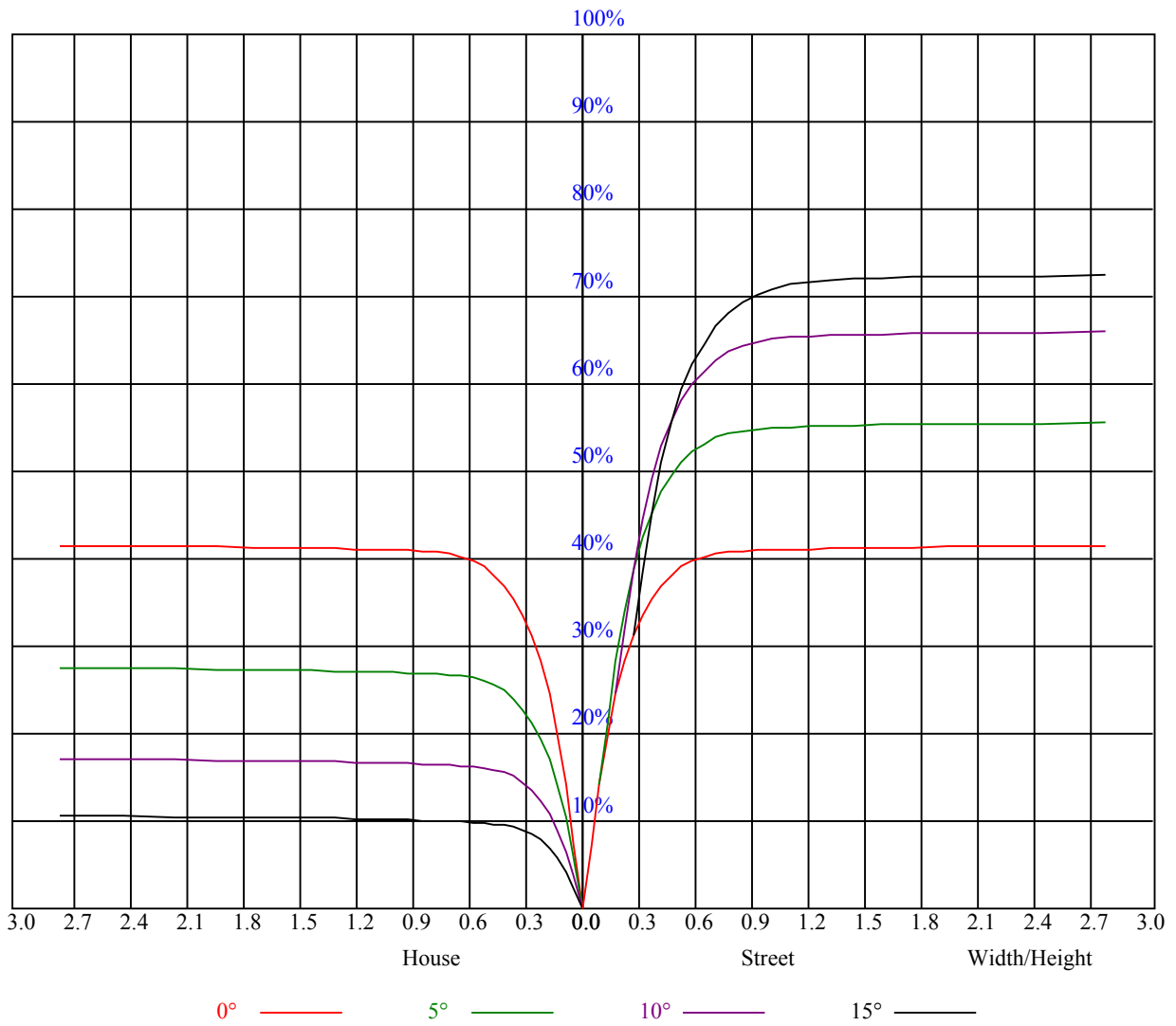


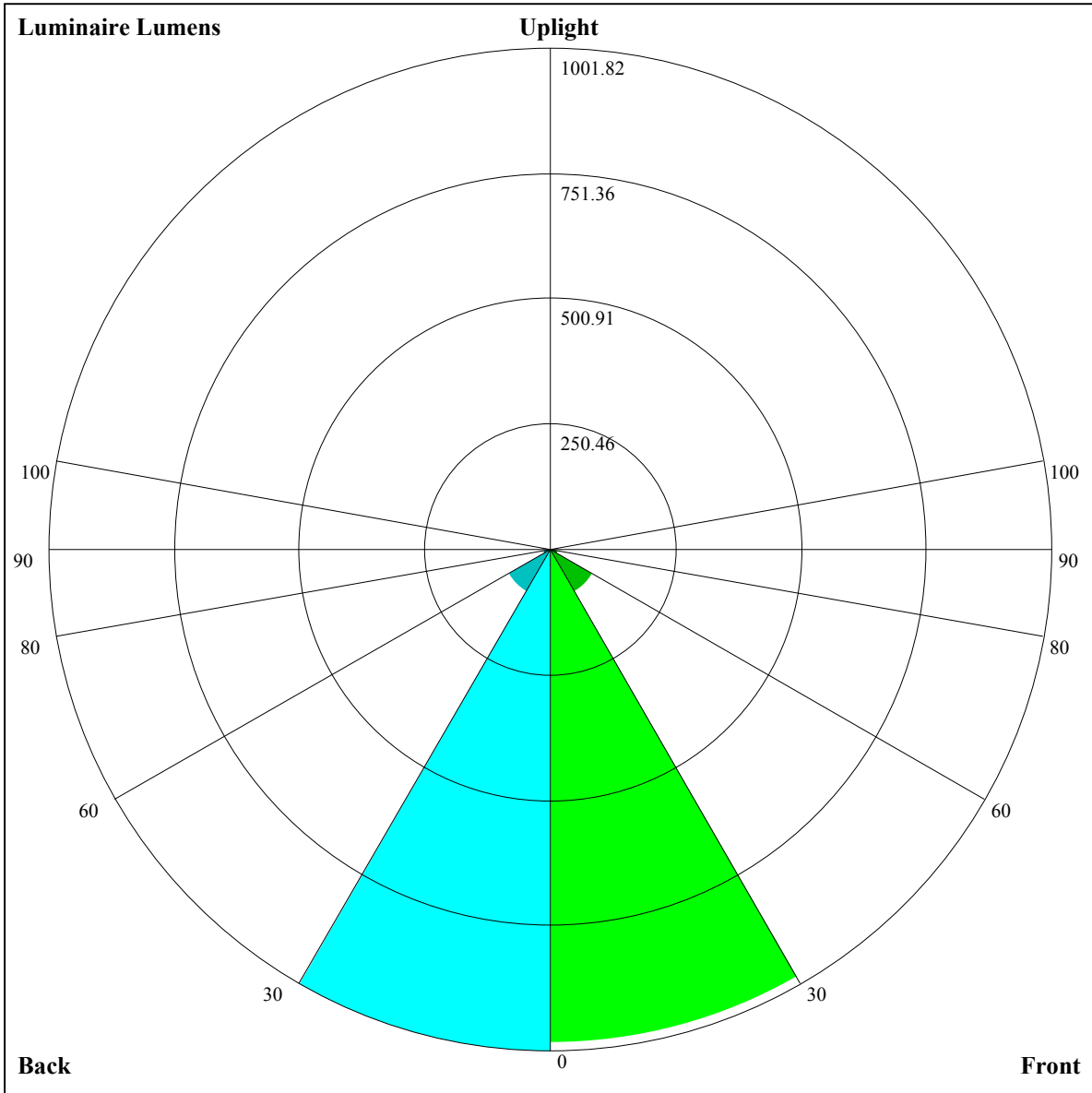
Illumination assessment according UGR										
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30
Rf of Wall	50	30	50	30	30	50	30	50	30	30
Rf of Floor	20	20	20	20	20	20	20	20	20	20
Room dimensions	Viewed crosswise					Viewed endwise				
X	Y									
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	3H	非数字	非数字	非数字	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
	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
	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
8H	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
12H	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	1.00	1.00	1.00	0.97	0.97	0.97	0.93	0.93	0.93	0.89	0.89	0.89	0.85	0.85	0.85	0.84
1	0.94	0.92	0.90	0.92	0.90	0.89	0.89	0.87	0.86	0.86	0.85	0.84	0.83	0.82	0.81	0.80
2	0.89	0.86	0.84	0.88	0.85	0.83	0.85	0.83	0.81	0.82	0.81	0.79	0.80	0.79	0.78	0.76
3	0.85	0.81	0.79	0.84	0.81	0.78	0.81	0.79	0.77	0.80	0.77	0.76	0.78	0.76	0.75	0.73
4	0.81	0.77	0.75	0.80	0.77	0.74	0.78	0.76	0.73	0.77	0.74	0.72	0.75	0.73	0.72	0.71
5	0.78	0.74	0.71	0.77	0.73	0.71	0.76	0.73	0.70	0.74	0.72	0.70	0.73	0.71	0.69	0.68
6	0.75	0.71	0.68	0.74	0.71	0.68	0.73	0.70	0.67	0.72	0.69	0.67	0.71	0.68	0.67	0.66
7	0.72	0.68	0.66	0.71	0.68	0.65	0.71	0.67	0.65	0.70	0.67	0.65	0.69	0.66	0.64	0.63
8	0.70	0.66	0.63	0.69	0.66	0.63	0.68	0.65	0.63	0.68	0.65	0.63	0.67	0.64	0.62	0.61
9	0.67	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.61	0.66	0.63	0.61	0.65	0.62	0.60	0.60
10	0.65	0.62	0.59	0.65	0.61	0.59	0.64	0.61	0.59	0.64	0.61	0.59	0.63	0.61	0.59	0.58





Luminaire Lumens:

FL=986.92,FM=98.01,FH=14.34,FVH=5.49

BL=1001.82,BM=98.79,BH=14.72,BVH=5.55

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	11468.71	11195.41	10769.37	10225.11	9385.90	8671.34	7873.68	7034.46	6007.39
45.0	11601.56	11537.18	11259.79	10853.64	10309.38	9498.85	8739.22	7918.15	6867.09
90.0	11459.35	11091.83	10634.18	9905.58	9221.45	8464.17	7423.64	6572.72	5752.82
135.0	11538.94	11354.59	11002.87	10517.14	9767.46	9054.66	8267.53	7227.00	6403.59
180.0	11468.71	11603.90	11559.42	11341.13	10854.81	10325.18	9698.99	8788.38	7928.10
225.0	11601.56	11505.58	11245.74	10813.85	10283.05	9471.34	8722.25	7894.16	7047.34
270.0	11459.35	11575.81	11560.01	11404.34	10943.18	10443.40	9848.81	9150.05	8121.23
315.0	11538.94	11551.23	11403.17	11115.82	10681.59	9983.41	9319.77	8553.71	7513.76
360.0	11468.71	11195.41	10769.37	10225.11	9385.90	8671.34	7873.68	7034.46	6007.39
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	5237.24	4521.51	3787.05	3310.09	2840.16	2542.86	2297.65	2095.75	1883.90
45.0	6033.73	5246.60	4542.57	3795.24	3311.85	2920.33	2599.04	2285.95	2084.04
90.0	4977.98	4127.65	3576.37	3122.82	2763.49	2406.50	2180.02	1993.92	1831.23
135.0	5608.27	4671.91	4027.58	3497.95	2972.42	2643.52	2370.22	2151.93	1926.03
180.0	7068.41	6099.27	5292.25	4577.69	3823.92	3317.70	2916.23	2599.63	2339.20
225.0	6224.51	5253.04	4552.52	3936.87	3324.14	2935.55	2546.96	2298.82	2094.58
270.0	7273.82	6524.73	5716.54	4779.59	4147.55	3496.19	3069.56	2717.84	2381.92
315.0	6681.57	5866.94	4919.46	4254.64	3575.78	3138.62	2785.14	2496.04	2204.60
360.0	5237.24	4521.51	3787.05	3310.09	2840.16	2542.86	2297.65	2095.75	1883.90
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1731.15	1587.19	1457.27	1163.02	1163.02	1117.19	1026.07	913.89	823.24
45.0	1914.91	1721.21	1581.92	1425.08	1317.40	1216.74	1123.69	1010.16	918.28
90.0	1643.37	1508.77	1285.80	1155.12	1155.12	1045.74	958.19	873.33	762.49
135.0	1768.02	1624.06	1492.38	1346.08	1243.66	1126.62	1035.91	945.78	833.42
180.0	2078.19	1903.21	1737.59	1558.51	1436.20	1325.01	1200.94	1105.55	999.04
225.0	1877.46	1724.72	1581.92	1457.85	1149.62	1149.62	1128.26	1036.90	950.23
270.0	2166.56	1980.46	1807.82	1628.74	1501.75	1377.09	1270.58	1151.78	1062.83
315.0	2013.82	1847.61	1697.80	1525.74	1404.01	1149.91	1149.91	1082.78	994.18
360.0	1731.15	1587.19	1457.27	1163.02	1163.02	1117.19	1026.07	913.89	823.24
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	710.05	621.51	541.22	455.13	389.88	327.78	259.84	213.08	174.10
45.0	825.81	733.93	623.32	540.81	472.92	407.38	330.13	302.03	302.03
90.0	671.96	585.63	511.60	428.09	364.01	304.79	252.99	197.40	160.35
135.0	742.71	652.58	569.48	478.19	411.47	348.85	305.55	305.55	184.64
180.0	912.42	822.30	731.59	623.91	537.30	459.46	394.50	311.98	297.35
225.0	837.98	750.20	640.94	553.27	473.51	386.66	322.46	265.81	206.64
270.0	974.46	866.19	772.56	687.70	577.09	495.16	410.30	340.07	296.77
315.0	905.58	798.19	709.29	597.46	515.17	443.89	377.47	302.09	249.66
360.0	710.05	621.51	541.22	455.13	389.88	327.78	259.84	213.08	174.10
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	141.74	107.45	84.92	67.59	54.66	42.84	36.58	31.49	28.50
45.0	171.76	137.53	102.59	81.17	64.55	49.69	41.14	35.29	31.31
90.0	129.16	96.39	76.02	57.41	46.64	38.80	33.59	29.26	26.69
135.0	150.05	114.12	90.59	71.69	54.48	44.59	36.28	31.89	28.79
180.0	297.35	168.66	131.50	104.87	82.05	65.49	53.37	41.38	35.70
225.0	168.54	136.65	110.31	84.80	68.24	54.89	44.54	35.76	31.54
270.0	296.77	177.50	142.62	116.28	93.58	72.16	58.64	47.23	39.85
315.0	204.89	167.67	128.57	102.77	81.99	61.92	50.33	41.96	34.94
360.0	141.74	107.45	84.92	67.59	54.66	42.84	36.58	31.49	28.50

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	26.16	23.82	22.30	21.01	19.96	18.90	18.26	17.79	17.44
45.0	28.38	25.52	23.70	22.18	20.66	19.61	18.84	18.08	17.67
90.0	24.58	22.82	21.13	19.96	19.08	18.20	17.67	17.32	16.97
135.0	26.34	23.94	22.36	21.01	19.90	18.84	18.14	17.56	17.15
180.0	31.66	28.73	26.16	24.46	23.00	21.71	20.42	19.55	18.84
225.0	28.56	25.81	24.05	22.30	21.07	20.07	19.08	18.38	17.85
270.0	32.89	29.03	26.22	24.23	22.65	20.95	19.90	18.90	18.14
315.0	31.13	28.27	25.46	23.58	22.00	20.72	19.43	18.55	17.85
360.0	26.16	23.82	22.30	21.01	19.96	18.90	18.26	17.79	17.44
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	17.21	17.03	16.97	17.09	17.26	17.50	17.67	17.67	17.62
45.0	17.26	17.09	16.97	16.97	17.09	17.21	17.44	17.56	17.62
90.0	16.80	16.68	16.68	16.85	17.03	17.21	17.32	17.26	17.21
135.0	16.80	16.56	16.44	16.44	16.56	16.80	16.97	17.15	17.09
180.0	18.14	17.67	17.38	17.15	17.03	17.09	17.21	17.38	17.50
225.0	17.38	17.03	16.80	16.80	16.80	16.91	17.15	17.32	17.44
270.0	17.32	16.91	16.62	16.44	16.33	16.39	16.50	16.80	17.03
315.0	17.26	16.74	16.50	16.39	16.33	16.44	16.62	16.85	16.97
360.0	17.21	17.03	16.97	17.09	17.26	17.50	17.67	17.67	17.62
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	17.21	16.74	16.04	15.39	14.57	13.99	13.58	13.40	13.34
45.0	17.50	17.15	16.68	15.86	15.16	14.40	13.99	13.81	13.52
90.0	16.74	16.15	15.51	14.86	14.10	13.52	13.05	12.76	12.52
135.0	16.80	16.39	15.80	15.10	14.34	13.75	13.28	12.87	12.70
180.0	17.67	17.56	17.26	16.80	16.04	15.39	14.75	14.10	13.69
225.0	17.44	17.21	16.62	15.98	15.33	14.75	15.33	16.21	15.68
270.0	17.21	17.15	16.91	16.50	15.74	15.16	14.46	13.93	13.34
315.0	16.97	16.85	16.50	15.98	15.22	14.46	13.93	13.46	12.99
360.0	17.21	16.74	16.04	15.39	14.57	13.99	13.58	13.40	13.34
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	13.28	13.23	12.87	12.64	12.29	11.94	11.65	11.24	11.00
45.0	13.40	13.05	12.58	12.23	12.00	11.70	11.53	11.24	11.00
90.0	12.23	12.06	11.88	11.70	11.47	11.29	11.06	10.89	10.65
135.0	12.82	12.87	12.87	12.58	12.47	12.23	12.00	11.65	11.18
180.0	13.69	13.93	13.75	13.87	13.64	13.52	12.93	12.87	12.35
225.0	15.04	15.39	15.57	14.69	13.64	13.93	12.93	12.70	12.06
270.0	12.99	12.70	12.47	12.23	12.06	11.88	11.59	11.41	11.24
315.0	12.76	12.82	12.70	12.58	12.41	12.11	11.82	11.53	11.18
360.0	13.28	13.23	12.87	12.64	12.29	11.94	11.65	11.24	11.00
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	10.65	10.42	10.18	10.01	9.89	9.66	9.54	9.48	9.42
45.0	10.77	10.48	10.30	10.12	10.01	9.77	9.66	9.54	9.42
90.0	10.48	10.30	10.12	10.01	9.77	9.66	9.54	9.42	9.48
135.0	10.65	10.30	10.12	9.95	9.77	9.66	9.54	9.42	9.42
180.0	12.06	11.53	10.94	10.42	10.24	10.07	9.77	9.60	9.48
225.0	11.41	10.83	10.42	10.24	10.07	9.77	9.66	9.54	9.42
270.0	11.00	10.83	10.65	10.48	10.24	10.07	9.89	9.66	9.54
315.0	10.89	10.59	10.48	10.18	10.07	9.83	9.71	9.54	9.48
360.0	10.65	10.42	10.18	10.01	9.89	9.66	9.54	9.48	9.42

Intensity data(cd)

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