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NT

Client:

LumCAT: 3-2805-L

Luminaire: 92.70.411.00

Report No: 2024402-B026

Ballast type: AC

Test No: 2024402-C026

Voltage(V): 35.190

LampCAT: LUMILEDS LUXEON 1205

Current(A): 0.485

Lamp flux(lm): 2202.0

Power (W): 17.067

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1912.54, Efficiency(%): 86.85% , Luminous Efficacy(lm/W): 112.06

Central intensity(cd): 8959.999, Maximum intensity(cd): 8959.999

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=16.8

[C90/270]Total=16.8

Field angle(10%Imax): [C0/180]Total=51.4

[C90/270]Total=51.4

Maximum s/h(1/2): C0_180=0.29 C90_270=0.29

Maximum s/h(1/4): C0_180=0.36 C90_270=0.36

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 86.85%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.677%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/4/02
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	8960.000	0.000	0	0.00%	0.00%
1.0	8833.591	8.514	8.514	0.39%	0.45%
2.0	8505.133	24.886	33.4	1.13%	1.75%
3.0	8050.121	39.595	72.995	1.80%	3.82%
4.0	7431.684	51.823	124.817	2.35%	6.53%
5.0	6742.655	60.977	185.795	2.77%	9.71%
6.0	6042.507	67.189	252.984	3.05%	13.23%
7.0	5339.359	70.647	323.631	3.21%	16.92%
8.0	4687.126	71.758	395.389	3.26%	20.67%
9.0	4155.083	71.661	467.05	3.25%	24.42%
10.0	3724.577	71.308	538.358	3.24%	28.15%
11.0	3380.757	70.997	609.355	3.22%	31.86%
12.0	3078.561	70.610	679.965	3.21%	35.55%
13.0	2819.380	69.994	749.958	3.18%	39.21%
14.0	2560.272	68.859	818.817	3.13%	42.81%
15.0	2352.590	67.446	886.263	3.06%	46.34%
16.0	2151.711	66.001	952.264	3.00%	49.79%
17.0	1977.900	64.309	1016.573	2.92%	53.15%
18.0	1823.400	62.675	1079.248	2.85%	56.43%
19.0	1683.897	61.020	1140.268	2.77%	59.62%
20.0	1552.368	59.233	1199.501	2.69%	62.72%
21.0	1414.350	56.967	1256.468	2.59%	65.70%
22.0	1261.182	53.766	1310.234	2.44%	68.51%
23.0	1191.950	51.473	1361.707	2.34%	71.20%
24.0	1082.725	49.733	1411.44	2.26%	73.80%
25.0	966.638	46.598	1458.038	2.12%	76.24%
26.0	865.870	43.257	1501.294	1.96%	78.50%
27.0	790.244	40.517	1541.811	1.84%	80.62%
28.0	732.416	38.551	1580.362	1.75%	82.63%
29.0	669.051	36.666	1617.028	1.67%	84.55%
30.0	596.908	34.181	1651.209	1.55%	86.34%
31.0	516.783	30.992	1682.201	1.41%	87.96%
32.0	432.554	27.197	1709.399	1.24%	89.38%
33.0	345.568	22.924	1732.322	1.04%	90.58%
34.0	283.498	19.037	1751.36	0.86%	91.57%
35.0	223.000	15.730	1767.09	0.71%	92.39%
36.0	142.532	11.639	1778.728	0.53%	93.00%
37.0	91.068	7.619	1786.347	0.35%	93.40%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	76.496	5.593	1791.94	0.25%	93.69%
39.0	69.934	4.998	1796.938	0.23%	93.96%
40.0	65.779	4.733	1801.671	0.21%	94.20%
41.0	62.385	4.564	1806.235	0.21%	94.44%
42.0	58.713	4.400	1810.635	0.20%	94.67%
43.0	55.231	4.221	1814.856	0.19%	94.89%
44.0	51.456	4.027	1818.882	0.18%	95.10%
45.0	48.347	3.836	1822.718	0.17%	95.30%
46.0	45.260	3.661	1826.379	0.17%	95.49%
47.0	42.663	3.497	1829.876	0.16%	95.68%
48.0	40.534	3.363	1833.239	0.15%	95.85%
49.0	38.486	3.245	1836.484	0.15%	96.02%
50.0	36.737	3.136	1839.62	0.14%	96.19%
51.0	35.165	3.042	1842.662	0.14%	96.35%
52.0	34.002	2.968	1845.63	0.13%	96.50%
53.0	33.065	2.917	1848.548	0.13%	96.65%
54.0	32.370	2.884	1851.432	0.13%	96.80%
55.0	31.814	2.865	1854.297	0.13%	96.95%
56.0	31.288	2.851	1857.148	0.13%	97.10%
57.0	30.673	2.833	1859.981	0.13%	97.25%
58.0	29.737	2.794	1862.775	0.13%	97.40%
59.0	28.486	2.722	1865.497	0.12%	97.54%
60.0	26.957	2.619	1868.116	0.12%	97.68%
61.0	24.923	2.476	1870.592	0.11%	97.81%
62.0	23.094	2.314	1872.906	0.11%	97.93%
63.0	20.775	2.134	1875.039	0.10%	98.04%
64.0	19.034	1.953	1876.993	0.09%	98.14%
65.0	17.484	1.807	1878.8	0.08%	98.24%
66.0	16.152	1.678	1880.478	0.08%	98.32%
67.0	15.282	1.581	1882.059	0.07%	98.41%
68.0	14.792	1.523	1883.582	0.07%	98.49%
69.0	14.726	1.506	1885.088	0.07%	98.56%
70.0	14.931	1.523	1886.611	0.07%	98.64%
71.0	14.792	1.536	1888.147	0.07%	98.72%
72.0	15.128	1.556	1889.703	0.07%	98.81%
73.0	15.340	1.593	1891.296	0.07%	98.89%
74.0	14.952	1.593	1892.889	0.07%	98.97%
75.0	15.428	1.605	1894.494	0.07%	99.06%

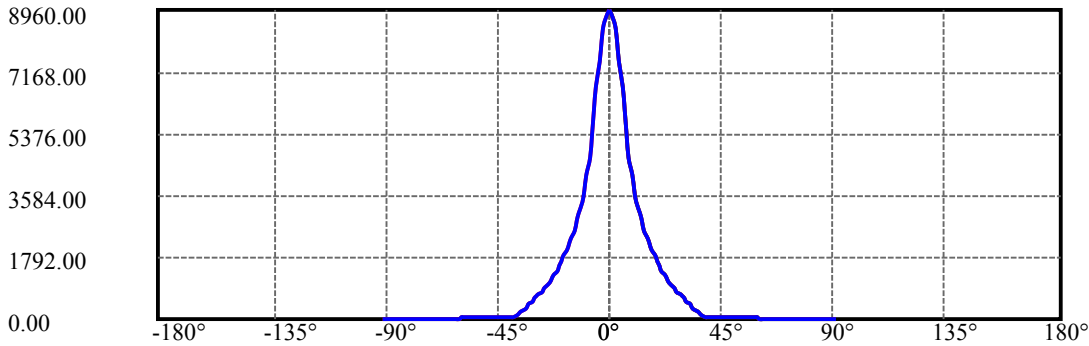
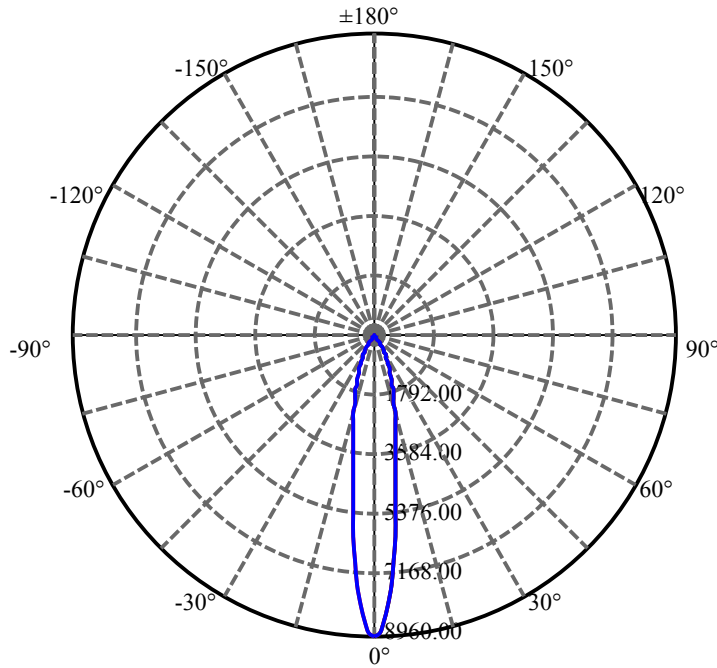
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	14.821	1.606	1896.1	0.07%	99.14%
77.0	14.792	1.579	1897.679	0.07%	99.22%
78.0	14.404	1.563	1899.241	0.07%	99.30%
79.0	13.797	1.515	1900.757	0.07%	99.38%
80.0	12.897	1.439	1902.196	0.07%	99.46%
81.0	11.822	1.337	1903.532	0.06%	99.53%
82.0	10.256	1.197	1904.73	0.05%	99.59%
83.0	9.664	1.083	1905.813	0.05%	99.65%
84.0	9.378	1.037	1906.85	0.05%	99.70%
85.0	9.100	1.009	1907.858	0.05%	99.76%
86.0	8.800	0.978	1908.837	0.04%	99.81%
87.0	8.581	0.951	1909.788	0.04%	99.86%
88.0	8.398	0.930	1910.718	0.04%	99.90%
89.0	8.296	0.915	1911.633	0.04%	99.95%
90.0	8.252	0.907	1912.54	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1651.21	74.99%	86.34%
0-40	1801.67	81.82%	94.20%
0-60	1868.12	84.84%	97.68%
0-90	1911.63	86.81%	99.95%
0-120	1911.63	86.81%	99.95%
0-180	1912.54	86.85%	100.00%
60-90	43.52	1.98%	2.28%
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%
0-26.71	1530.03	69.48%	80.00%

ZONAL LUMEN SUMMARY

0-10	538.36
10-20	661.14
20-30	451.71
30-40	150.46
40-50	37.95
50-60	28.50
60-70	18.50
70-80	15.58
80-90	9.44
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



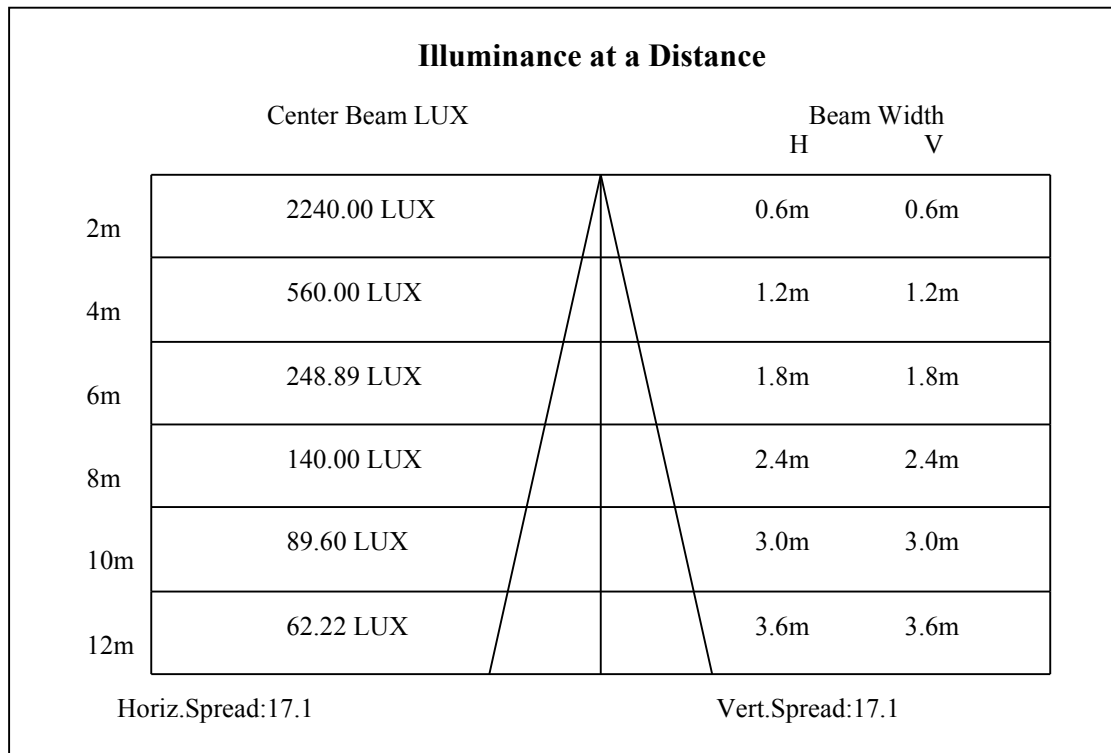
C0(Max): —————

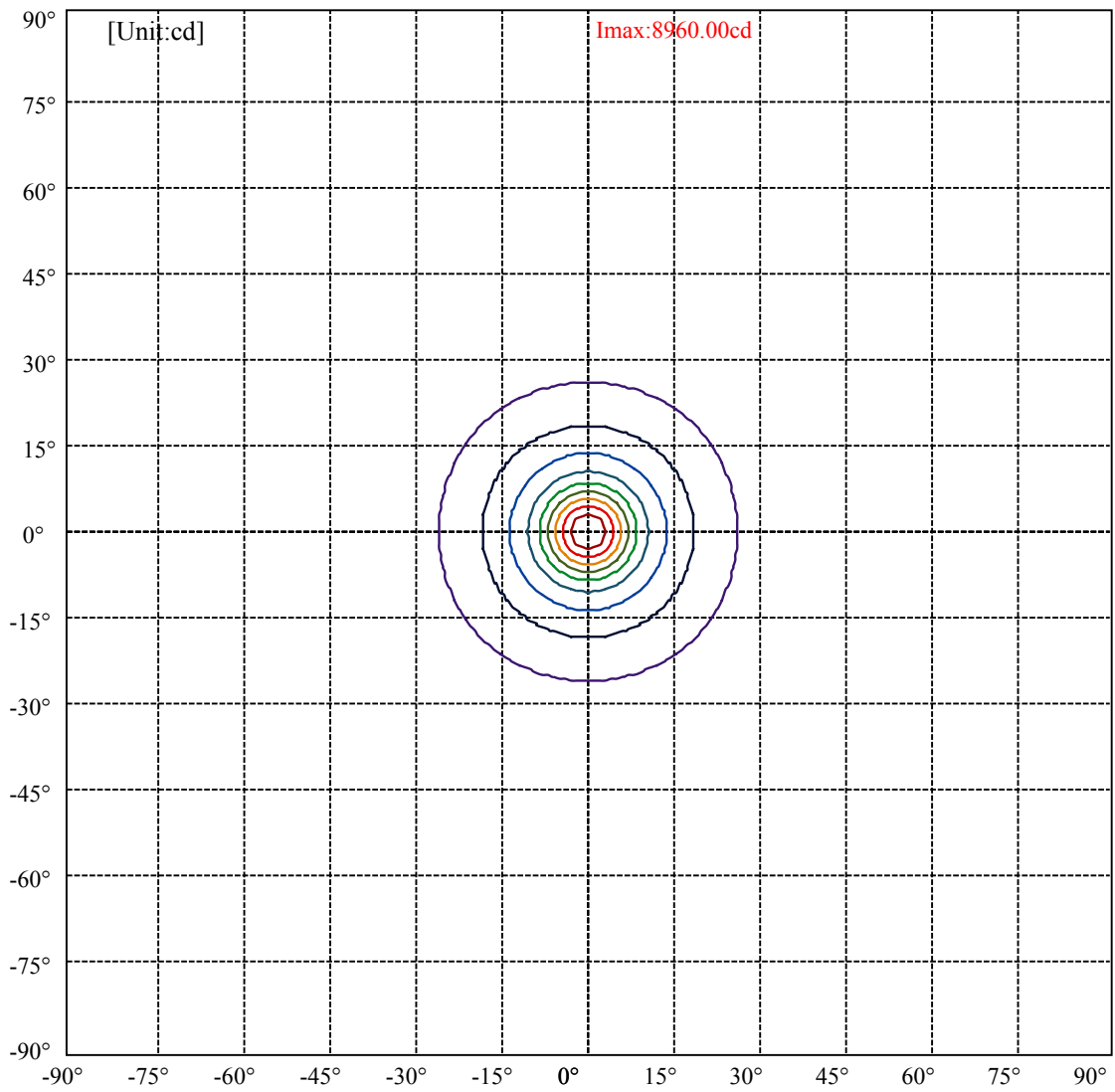
C0/C180: —————

C90/C270: —————

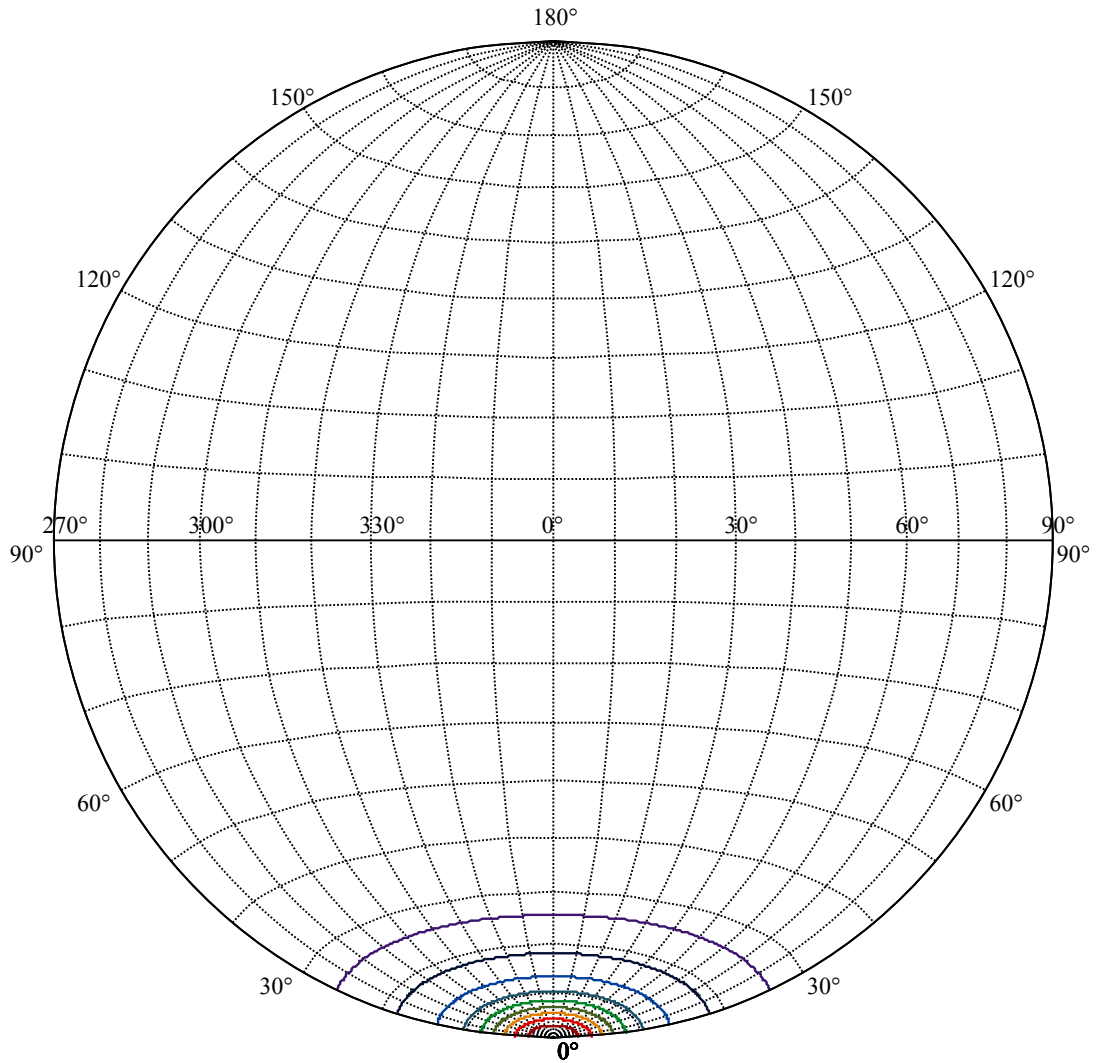
Field angle(10%Imax):C0/180Left:25.7 Right:25.7
:C90/270Left:25.7 Right:25.7

Beam Angle(50%Imax):C0/180Left:8.4 Right:8.4
:C90/270Left:8.4 Right:8.4





(10%Imax) 896	—
(20%Imax) 1792	—
(30%Imax) 2688	—
(40%Imax) 3584	—
(50%Imax) 4480	—
(60%Imax) 5376	—
(70%Imax) 6272	—
(80%Imax) 7168	—
(90%Imax) 8064	—



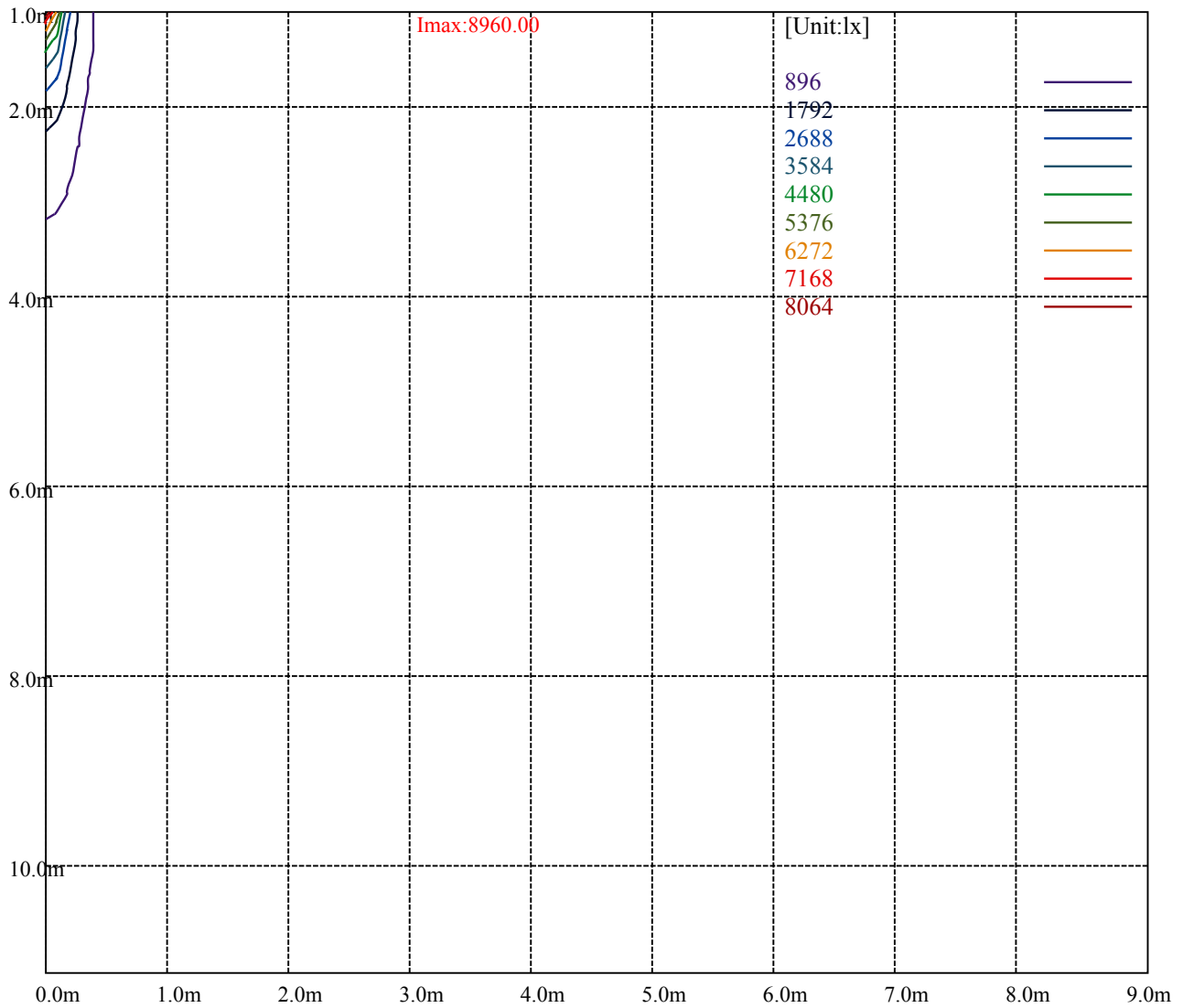
House

[Unit:cd]

Road

Imax:8960.00

(10%Imax)	896	—
(20%Imax)	1792	—
(30%Imax)	2688	—
(40%Imax)	3584	—
(50%Imax)	4480	—
(60%Imax)	5376	—
(70%Imax)	6272	—
(80%Imax)	7168	—
(90%Imax)	8064	—



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

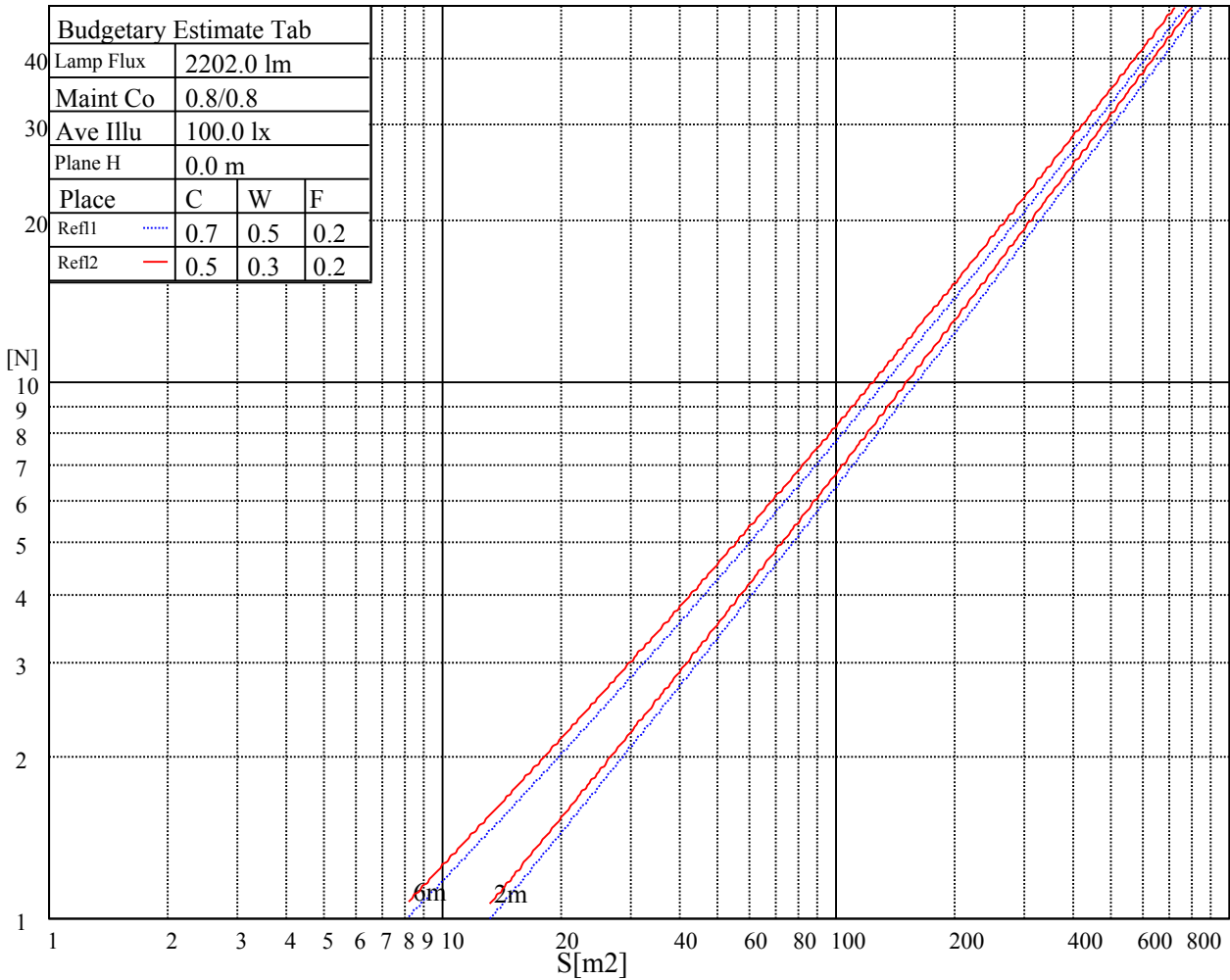
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

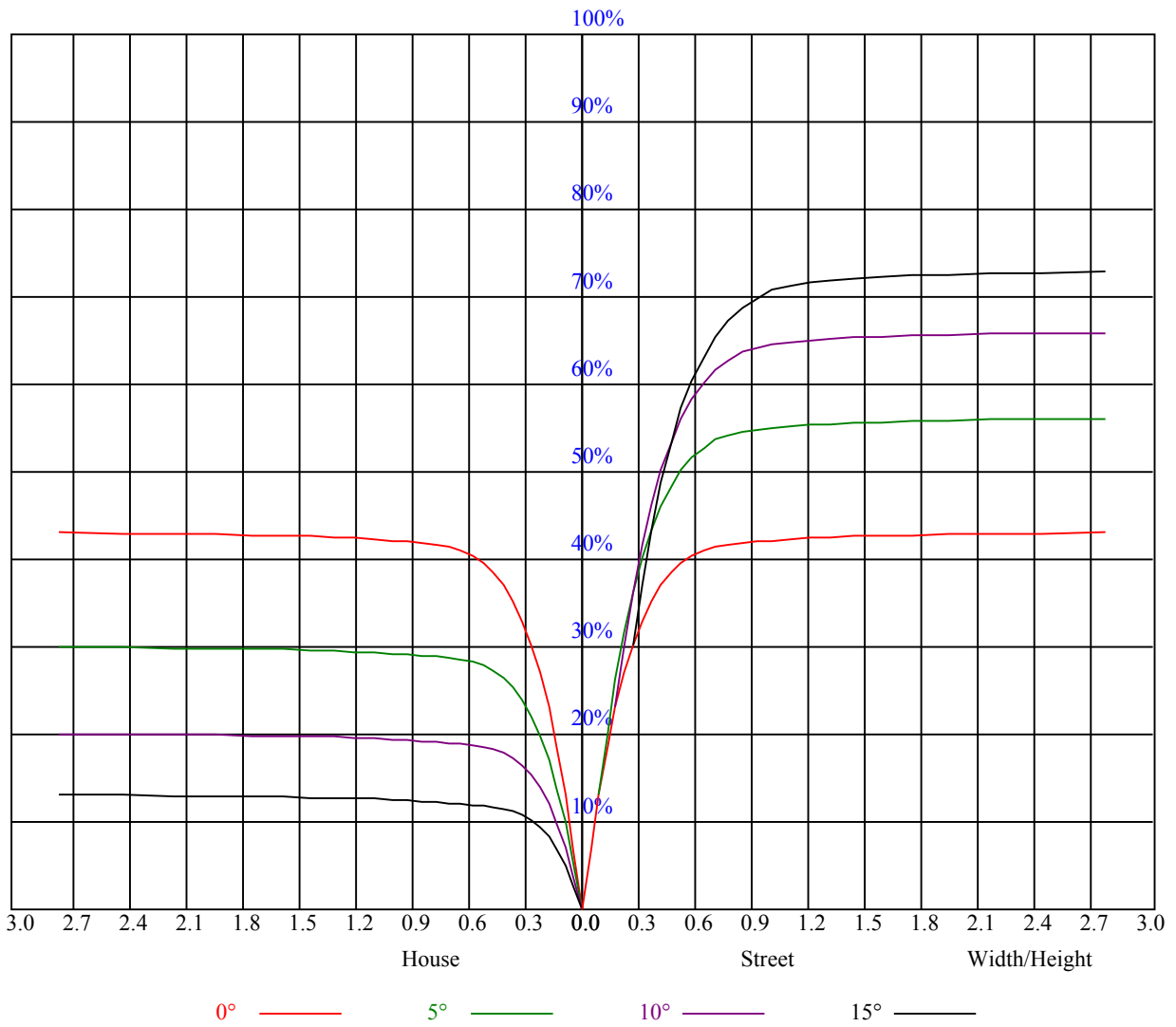


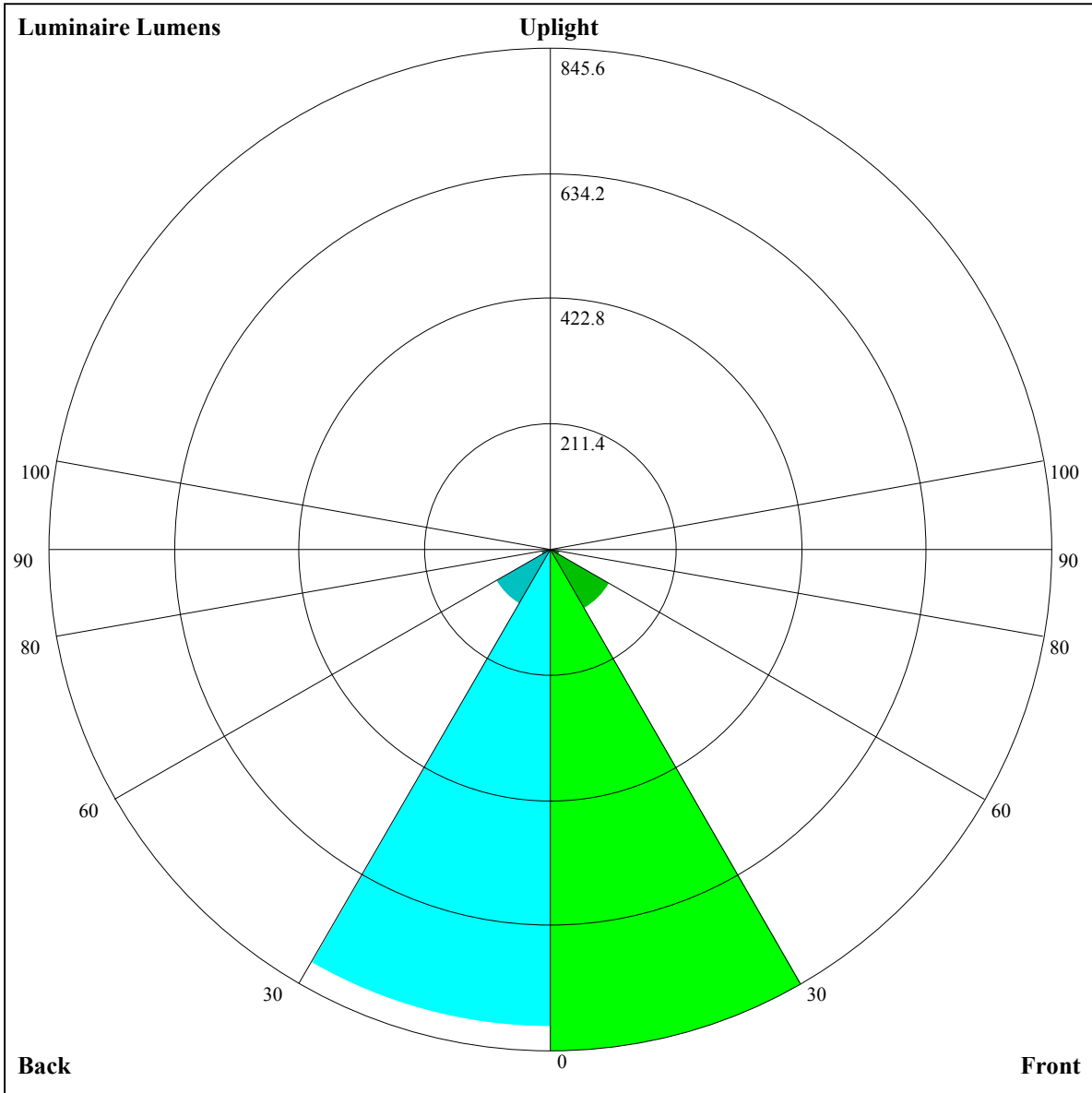
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	0.97	0.97	0.97	0.92	0.92	0.92	0.89	0.89	0.89	0.87
1	0.97	0.95	0.93	0.95	0.93	0.92	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.82
2	0.91	0.88	0.86	0.90	0.87	0.85	0.87	0.85	0.83	0.85	0.83	0.81	0.82	0.81	0.79	0.78
3	0.86	0.83	0.80	0.85	0.82	0.79	0.83	0.80	0.78	0.81	0.79	0.77	0.79	0.77	0.76	0.74
4	0.82	0.78	0.75	0.81	0.78	0.75	0.80	0.76	0.74	0.78	0.75	0.73	0.76	0.74	0.72	0.71
5	0.78	0.74	0.71	0.78	0.74	0.71	0.76	0.73	0.70	0.75	0.72	0.70	0.74	0.71	0.69	0.68
6	0.75	0.71	0.68	0.74	0.70	0.68	0.73	0.70	0.67	0.72	0.69	0.67	0.71	0.68	0.66	0.65
7	0.72	0.68	0.65	0.72	0.67	0.65	0.71	0.67	0.64	0.70	0.66	0.64	0.69	0.66	0.64	0.63
8	0.69	0.65	0.62	0.69	0.65	0.62	0.68	0.64	0.62	0.67	0.64	0.62	0.66	0.63	0.61	0.60
9	0.67	0.63	0.60	0.66	0.62	0.60	0.66	0.62	0.59	0.65	0.62	0.59	0.64	0.61	0.59	0.58
10	0.64	0.60	0.58	0.64	0.60	0.58	0.63	0.60	0.57	0.63	0.60	0.57	0.62	0.59	0.57	0.56





Luminaire Lumens:

FL=845.6,FM=114.22,FH=17.15,FVH=5.21

BL=804.81,BM=106.17,BH=16.8,BVH=5.15

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	9052.32	8984.43	8727.52	8284.50	7601.55	6982.38	6338.05	5504.68	4875.57
45.0	8829.35	9016.62	9023.64	8827.59	8327.23	7788.82	7025.68	6364.97	5693.13
90.0	8981.51	8859.19	8433.74	7956.78	7386.77	6752.38	5918.44	5230.21	4637.38
135.0	8976.82	8949.32	8718.74	8308.50	7649.53	7027.44	6362.04	5674.99	4882.01
180.0	9052.32	8859.19	8474.12	7958.53	7366.29	6556.92	5869.28	5190.42	4438.99
225.0	8829.35	8316.69	7771.26	7170.82	6506.59	5652.75	4988.52	4413.83	3960.86
270.0	8981.51	8877.92	8553.71	8077.33	7375.06	6747.70	6078.79	5398.76	4633.87
315.0	8976.82	8805.35	8338.34	7816.91	7240.46	6432.85	5759.26	4937.02	4375.20
360.0	9052.32	8984.43	8727.52	8284.50	7601.55	6982.38	6338.05	5504.68	4875.57
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4228.31	3835.62	3506.73	3200.65	2940.81	2641.18	2431.08	2237.96	2024.35
45.0	4913.02	4361.74	3943.89	3507.31	3204.75	2936.72	2689.17	2415.87	2219.82
90.0	4155.74	3667.08	3344.62	3056.10	2803.87	2524.13	2318.13	2092.24	1937.15
135.0	4354.13	3839.72	3492.10	3193.63	2874.68	2640.59	2426.99	2187.04	2016.74
180.0	3991.88	3620.85	3220.55	2962.47	2720.18	2443.96	2264.29	2092.24	1896.77
225.0	3517.85	3211.19	2909.21	2679.22	2467.37	2242.64	2068.24	1919.60	1780.31
270.0	4139.35	3757.20	3420.70	3077.76	2829.04	2598.46	2358.52	2174.75	2011.48
315.0	3940.38	3503.22	3208.26	2951.35	2714.33	2454.49	2264.29	2093.99	1936.57
360.0	4228.31	3835.62	3506.73	3200.65	2940.81	2641.18	2431.08	2237.96	2024.35
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1869.85	1735.84	1581.92	1463.12	1164.60	1164.60	1107.60	995.64	867.36
45.0	2049.52	1893.85	1721.79	1595.97	1481.85	1350.17	1247.76	1112.57	1001.96
90.0	1792.60	1634.01	1513.45	1402.26	1150.73	1150.73	1043.22	933.55	849.04
135.0	1865.17	1730.57	1574.31	1463.71	1358.37	1255.95	1123.69	1009.57	904.23
180.0	1762.76	1637.52	1519.89	1385.87	1280.53	1176.36	1035.91	920.03	831.66
225.0	1620.55	1509.94	1404.01	1167.76	1167.76	1057.50	942.97	847.52	769.34
270.0	1869.27	1694.87	1580.17	1445.56	1336.71	1231.37	1123.11	984.41	860.92
315.0	1757.49	1634.59	1523.40	1390.55	1148.91	1148.91	1037.55	929.81	842.43
360.0	1869.85	1735.84	1581.92	1463.12	1164.60	1164.60	1107.60	995.64	867.36
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	796.96	744.17	685.77	624.20	551.28	472.16	367.11	286.06	208.98
45.0	896.04	818.20	749.15	705.84	644.39	570.07	472.34	392.74	313.74
90.0	775.66	731.00	677.46	589.97	516.70	416.56	336.91	257.79	168.14
135.0	804.16	752.07	690.62	621.57	548.41	468.82	369.34	312.57	312.57
180.0	753.83	708.18	648.49	561.87	481.70	402.11	321.35	302.62	209.33
225.0	722.11	641.23	564.33	482.17	378.76	299.46	226.31	162.52	101.30
270.0	807.08	742.71	680.68	608.11	530.86	430.20	348.85	307.89	307.89
315.0	766.12	721.76	655.92	581.54	482.17	401.05	322.34	245.79	162.05
360.0	796.96	744.17	685.77	624.20	551.28	472.16	367.11	286.06	208.98
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	144.43	88.66	72.92	67.65	64.02	61.33	57.59	54.54	51.38
45.0	313.74	147.59	96.68	76.55	70.23	65.95	61.86	58.46	55.19
90.0	111.78	80.70	74.09	69.47	64.90	61.45	57.88	54.60	50.33
135.0	147.65	90.53	76.31	71.63	67.59	63.91	60.45	57.00	52.73
180.0	109.44	81.52	72.86	68.76	65.55	62.44	58.46	54.72	50.27
225.0	80.06	73.97	69.64	65.25	61.92	59.11	54.78	51.21	47.34
270.0	124.01	83.34	75.73	70.93	67.13	63.15	59.81	56.53	52.90
315.0	109.14	82.22	73.74	69.23	64.90	61.74	58.87	54.78	51.50
360.0	144.43	88.66	72.92	67.65	64.02	61.33	57.59	54.54	51.38

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	48.34	45.24	42.90	41.08	39.09	36.93	35.52	34.41	33.59
45.0	51.79	47.75	45.00	42.43	40.50	38.10	36.28	34.76	33.18
90.0	47.52	44.07	41.61	39.62	37.22	35.93	34.41	33.36	32.48
135.0	49.69	46.23	43.66	41.32	39.09	37.28	35.93	34.94	33.94
180.0	47.40	44.65	41.73	39.68	37.81	36.28	34.41	33.30	32.48
225.0	44.54	42.25	39.85	37.98	36.34	34.76	33.53	32.66	32.13
270.0	48.92	46.17	43.60	41.38	38.92	37.22	35.29	33.94	33.07
315.0	48.57	45.71	42.96	40.79	38.92	37.40	35.93	34.65	33.65
360.0	48.34	45.24	42.90	41.08	39.09	36.93	35.52	34.41	33.59
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	32.89	32.25	31.72	31.19	30.61	29.03	28.03	25.52	24.05
45.0	32.77	32.30	31.84	31.19	30.78	29.96	28.79	27.74	24.76
90.0	31.84	31.54	31.02	30.37	29.32	28.21	26.28	24.46	22.88
135.0	32.89	32.13	31.84	31.49	30.84	29.32	27.92	25.81	24.40
180.0	31.89	31.19	30.49	29.90	28.68	27.56	26.10	23.53	22.06
225.0	31.60	30.90	30.20	29.20	27.97	26.28	24.35	22.30	19.96
270.0	32.25	31.78	31.31	30.67	29.61	28.56	27.62	25.16	23.58
315.0	32.83	32.42	31.89	31.37	30.08	28.97	26.57	24.87	23.06
360.0	32.89	32.25	31.72	31.19	30.61	29.03	28.03	25.52	24.05
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	21.42	19.49	18.32	16.56	15.63	15.27	15.98	17.85	16.97
45.0	23.64	21.36	19.31	17.56	16.09	15.33	14.51	13.81	13.40
90.0	20.07	18.79	16.97	15.74	14.86	14.16	13.75	13.64	13.75
135.0	21.48	19.78	18.38	16.50	15.80	15.04	14.86	15.27	16.09
180.0	19.25	18.02	16.44	15.45	14.86	15.63	16.85	17.56	16.85
225.0	18.67	16.56	15.63	14.86	14.22	13.69	13.28	12.93	12.58
270.0	21.13	19.43	17.67	16.33	15.33	14.57	14.10	13.69	13.28
315.0	20.54	18.84	17.15	16.21	15.45	14.63	14.46	14.69	15.39
360.0	21.42	19.49	18.32	16.56	15.63	15.27	15.98	17.85	16.97
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	17.26	18.26	16.80	17.85	16.04	16.62	15.45	14.86	14.51
45.0	12.93	12.64	12.35	12.06	11.76	11.53	11.24	10.94	10.71
90.0	14.16	14.51	14.40	14.81	14.86	14.57	13.87	13.05	11.65
135.0	17.03	17.50	18.32	18.96	18.79	18.43	18.14	17.03	15.68
180.0	18.38	17.97	16.50	17.56	15.39	15.33	15.86	14.98	13.75
225.0	12.23	11.94	11.65	11.35	11.06	10.83	10.59	10.36	10.12
270.0	12.99	12.93	12.87	13.40	13.52	13.58	13.34	12.76	11.94
315.0	16.04	16.97	16.74	17.44	17.15	17.44	16.74	16.39	14.81
360.0	17.26	18.26	16.80	17.85	16.04	16.62	15.45	14.86	14.51
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	13.46	10.53	9.71	9.42	9.25	9.01	8.66	8.49	8.49
45.0	10.48	10.18	9.95	9.66	9.36	9.13	8.84	8.54	8.43
90.0	10.48	9.95	9.60	9.36	9.01	8.72	8.60	8.37	8.19
135.0	13.99	11.12	9.89	9.60	9.31	8.84	8.60	8.43	8.37
180.0	12.41	9.95	9.48	9.25	8.95	8.66	8.49	8.43	8.19
225.0	9.83	9.54	9.36	9.01	8.72	8.54	8.37	8.19	8.37
270.0	11.00	10.36	9.66	9.36	9.07	8.78	8.60	8.37	8.13
315.0	12.93	10.42	9.66	9.36	9.13	8.72	8.49	8.37	8.19
360.0	13.46	10.53	9.71	9.42	9.25	9.01	8.66	8.49	8.49

Intensity data(cd)

C/γ(°)	90.0
0.0	8.25
45.0	8.25
90.0	8.19
135.0	8.19
180.0	8.25
225.0	8.25
270.0	8.37
315.0	8.25
360.0	8.25