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NT

Client:

LumCAT: 1-1298-L

Luminaire: 92.70.410.00

Report No: 2024803-B018

Ballast type: AC

Test No: 2024803-C018

Voltage(V): 34.450

LampCAT: Fortimo_SLM_C_1204

Current(A): 0.288

Lamp flux(lm): 1684.0

Power (W): 9.921

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1546.37, Efficiency(%): 91.83% , Luminous Efficacy(lm/W): 155.87

Central intensity(cd): 7429.929, Maximum intensity(cd): 7429.929

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=18.2

[C90/270]Total=18.2

Field angle(10%Imax): [C0/180]Total=50.2

[C90/270]Total=50.2

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

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(%): 91.83%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.864%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/8/3
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	7429.929	0.000	0	0.00%	0.00%
1.0	7337.536	7.066	7.066	0.42%	0.46%
2.0	7155.897	20.802	27.868	1.24%	1.80%
3.0	6853.702	33.506	61.375	1.99%	3.97%
4.0	6442.508	44.507	105.881	2.64%	6.85%
5.0	5926.705	53.212	159.093	3.16%	10.29%
6.0	5386.981	59.456	218.549	3.53%	14.13%
7.0	4824.873	63.385	281.934	3.76%	18.23%
8.0	4285.295	65.200	347.134	3.87%	22.45%
9.0	3783.831	65.396	412.53	3.88%	26.68%
10.0	3313.456	64.228	476.758	3.81%	30.83%
11.0	2940.522	62.490	539.248	3.71%	34.87%
12.0	2602.920	60.598	599.846	3.60%	38.79%
13.0	2326.621	58.501	658.347	3.47%	42.57%
14.0	2090.555	56.539	714.886	3.36%	46.23%
15.0	1897.431	54.749	769.635	3.25%	49.77%
16.0	1721.059	53.021	822.656	3.15%	53.20%
17.0	1531.256	50.647	873.303	3.01%	56.47%
18.0	1388.629	48.143	921.446	2.86%	59.59%
19.0	1269.865	46.252	967.698	2.75%	62.58%
20.0	1186.719	44.962	1012.661	2.67%	65.49%
21.0	1085.161	43.625	1056.285	2.59%	68.31%
22.0	988.825	41.678	1097.963	2.47%	71.00%
23.0	905.175	39.741	1137.704	2.36%	73.57%
24.0	822.636	37.776	1175.48	2.24%	76.02%
25.0	746.696	35.683	1211.164	2.12%	78.32%
26.0	679.907	33.675	1244.839	2.00%	80.50%
27.0	612.394	31.616	1276.455	1.88%	82.55%
28.0	547.032	29.354	1305.809	1.74%	84.44%
29.0	480.477	26.883	1332.692	1.60%	86.18%
30.0	417.456	24.244	1356.936	1.44%	87.75%
31.0	354.215	21.474	1378.41	1.28%	89.14%
32.0	298.772	18.707	1397.118	1.11%	90.35%
33.0	256.424	16.356	1413.474	0.97%	91.41%
34.0	195.407	13.674	1427.148	0.81%	92.29%
35.0	163.314	11.141	1438.288	0.66%	93.01%
36.0	111.698	8.756	1447.045	0.52%	93.58%
37.0	89.071	6.548	1453.593	0.39%	94.00%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	74.053	5.445	1459.037	0.32%	94.35%
39.0	62.729	4.669	1463.706	0.28%	94.65%
40.0	56.006	4.141	1467.847	0.25%	94.92%
41.0	49.788	3.767	1471.615	0.22%	95.17%
42.0	44.836	3.438	1475.052	0.20%	95.39%
43.0	40.344	3.155	1478.208	0.19%	95.59%
44.0	37.001	2.919	1481.127	0.17%	95.78%
45.0	33.870	2.724	1483.851	0.16%	95.96%
46.0	31.288	2.548	1486.399	0.15%	96.12%
47.0	28.976	2.397	1488.796	0.14%	96.28%
48.0	27.037	2.264	1491.06	0.13%	96.42%
49.0	25.435	2.155	1493.215	0.13%	96.56%
50.0	23.987	2.061	1495.275	0.12%	96.70%
51.0	22.802	1.980	1497.255	0.12%	96.82%
52.0	21.836	1.915	1499.17	0.11%	96.95%
53.0	20.988	1.863	1501.033	0.11%	97.07%
54.0	20.351	1.822	1502.855	0.11%	97.19%
55.0	19.803	1.792	1504.648	0.11%	97.30%
56.0	19.356	1.769	1506.417	0.11%	97.42%
57.0	18.954	1.752	1508.169	0.10%	97.53%
58.0	18.617	1.737	1509.906	0.10%	97.64%
59.0	18.259	1.724	1511.63	0.10%	97.75%
60.0	17.857	1.706	1513.336	0.10%	97.86%
61.0	17.388	1.682	1515.018	0.10%	97.97%
62.0	16.811	1.648	1516.666	0.10%	98.08%
63.0	16.138	1.602	1518.269	0.10%	98.18%
64.0	15.369	1.546	1519.815	0.09%	98.28%
65.0	14.675	1.487	1521.302	0.09%	98.38%
66.0	13.928	1.427	1522.729	0.08%	98.47%
67.0	13.233	1.366	1524.094	0.08%	98.56%
68.0	12.582	1.308	1525.402	0.08%	98.64%
69.0	12.034	1.256	1526.658	0.07%	98.73%
70.0	11.536	1.211	1527.868	0.07%	98.80%
71.0	11.083	1.169	1529.038	0.07%	98.88%
72.0	10.666	1.131	1530.168	0.07%	98.95%
73.0	10.278	1.095	1531.264	0.07%	99.02%
74.0	9.920	1.062	1532.325	0.06%	99.09%
75.0	9.634	1.033	1533.359	0.06%	99.16%

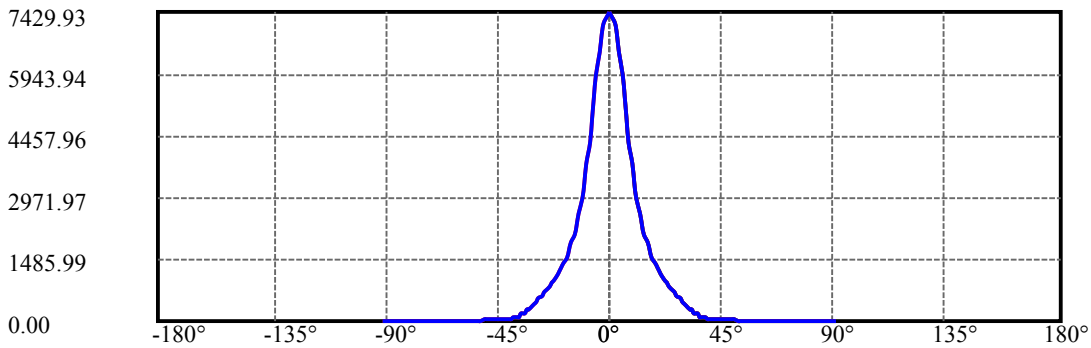
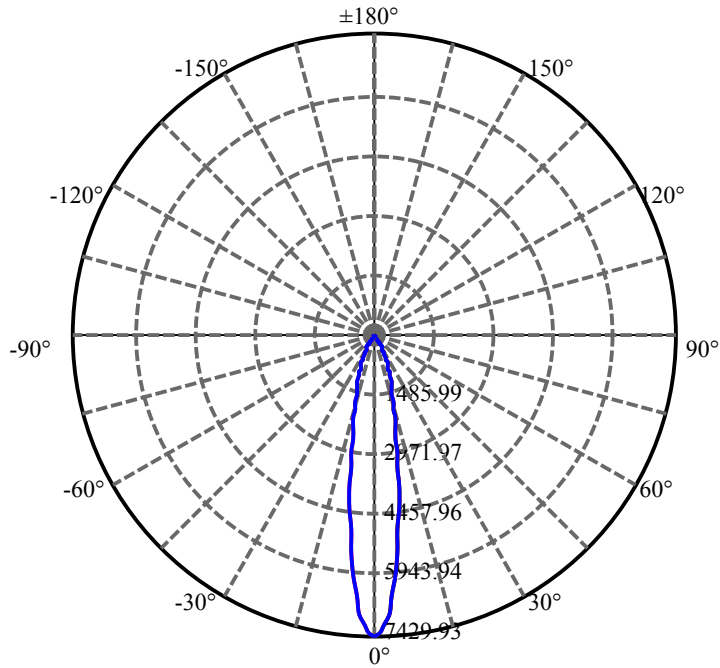
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	9.371	1.009	1534.367	0.06%	99.22%
77.0	9.130	0.986	1535.354	0.06%	99.29%
78.0	8.903	0.965	1536.319	0.06%	99.35%
79.0	8.661	0.944	1537.263	0.06%	99.41%
80.0	8.449	0.922	1538.185	0.05%	99.47%
81.0	8.259	0.904	1539.089	0.05%	99.53%
82.0	8.069	0.885	1539.974	0.05%	99.59%
83.0	7.893	0.868	1540.842	0.05%	99.64%
84.0	7.703	0.850	1541.692	0.05%	99.70%
85.0	7.513	0.830	1542.522	0.05%	99.75%
86.0	7.249	0.807	1543.329	0.05%	99.80%
87.0	7.037	0.782	1544.111	0.05%	99.85%
88.0	6.884	0.763	1544.873	0.05%	99.90%
89.0	6.796	0.750	1545.623	0.04%	99.95%
90.0	6.737	0.742	1546.365	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1356.94	80.58%	87.75%
0-40	1467.85	87.16%	94.92%
0-60	1513.34	89.87%	97.86%
0-90	1545.62	91.78%	99.95%
0-120	1545.62	91.78%	99.95%
0-180	1546.37	91.83%	100.00%
60-90	32.29	1.92%	2.09%
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%
0-25.77	1237.09	73.46%	80.00%

ZONAL LUMEN SUMMARY

0-10	476.76
10-20	535.90
20-30	344.28
30-40	110.91
40-50	27.43
50-60	18.06
60-70	14.53
70-80	10.32
80-90	7.44
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



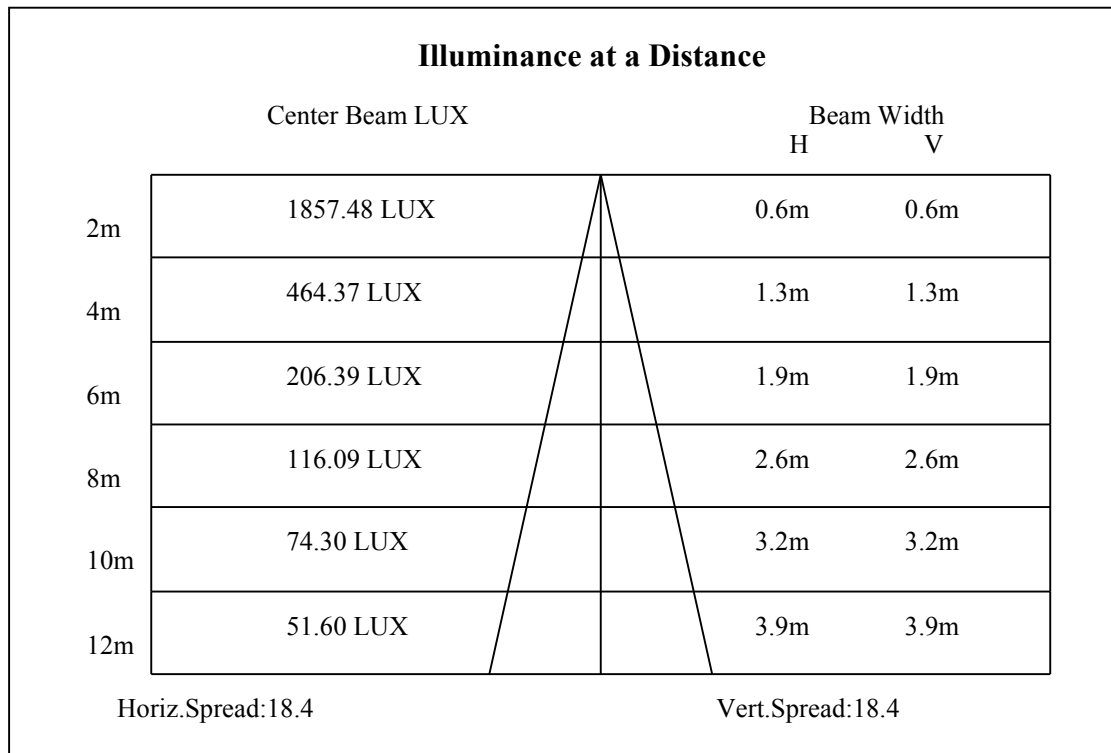
C0(Max): —————

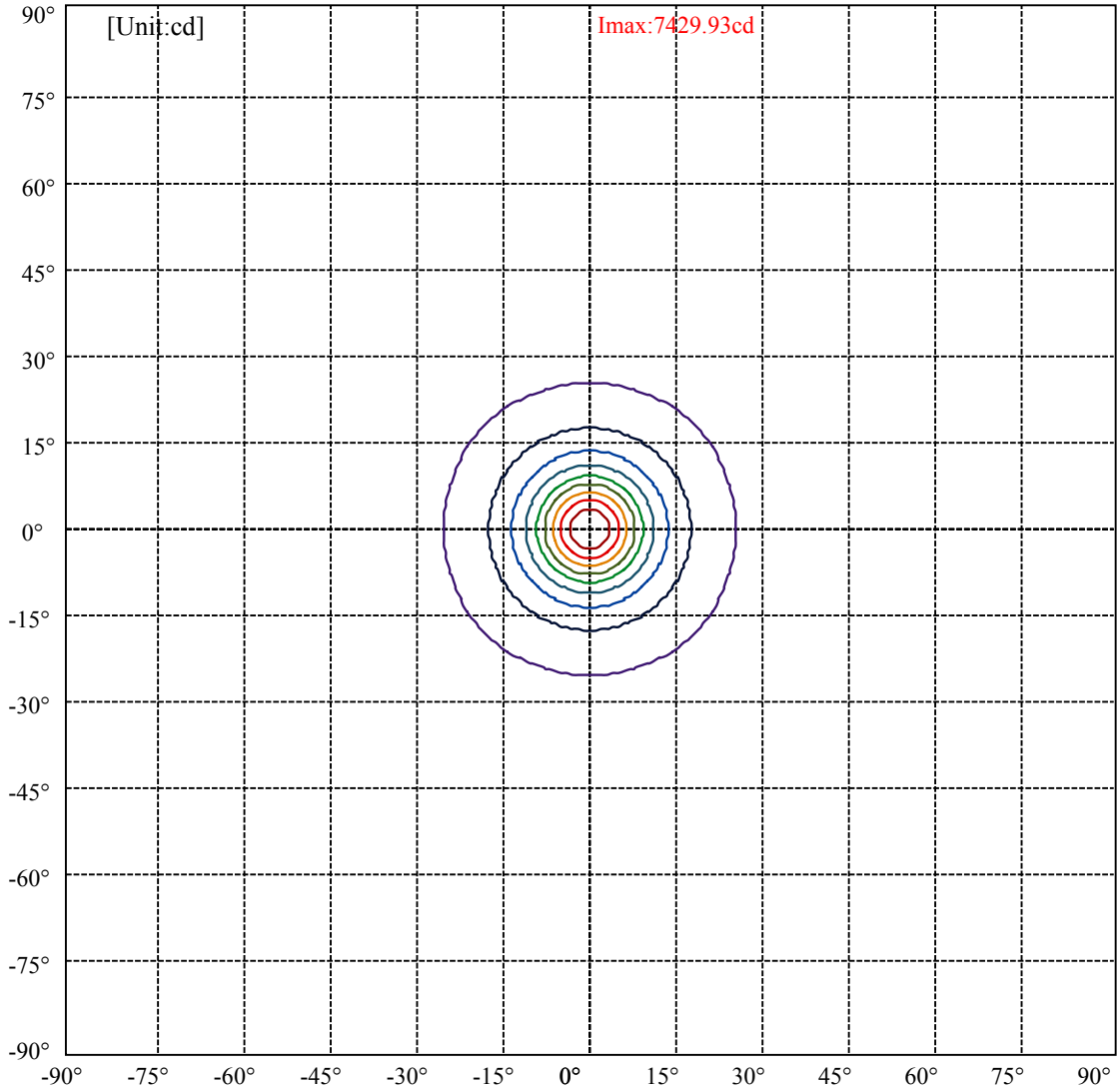
C0/C180: —————

C90/C270: —————

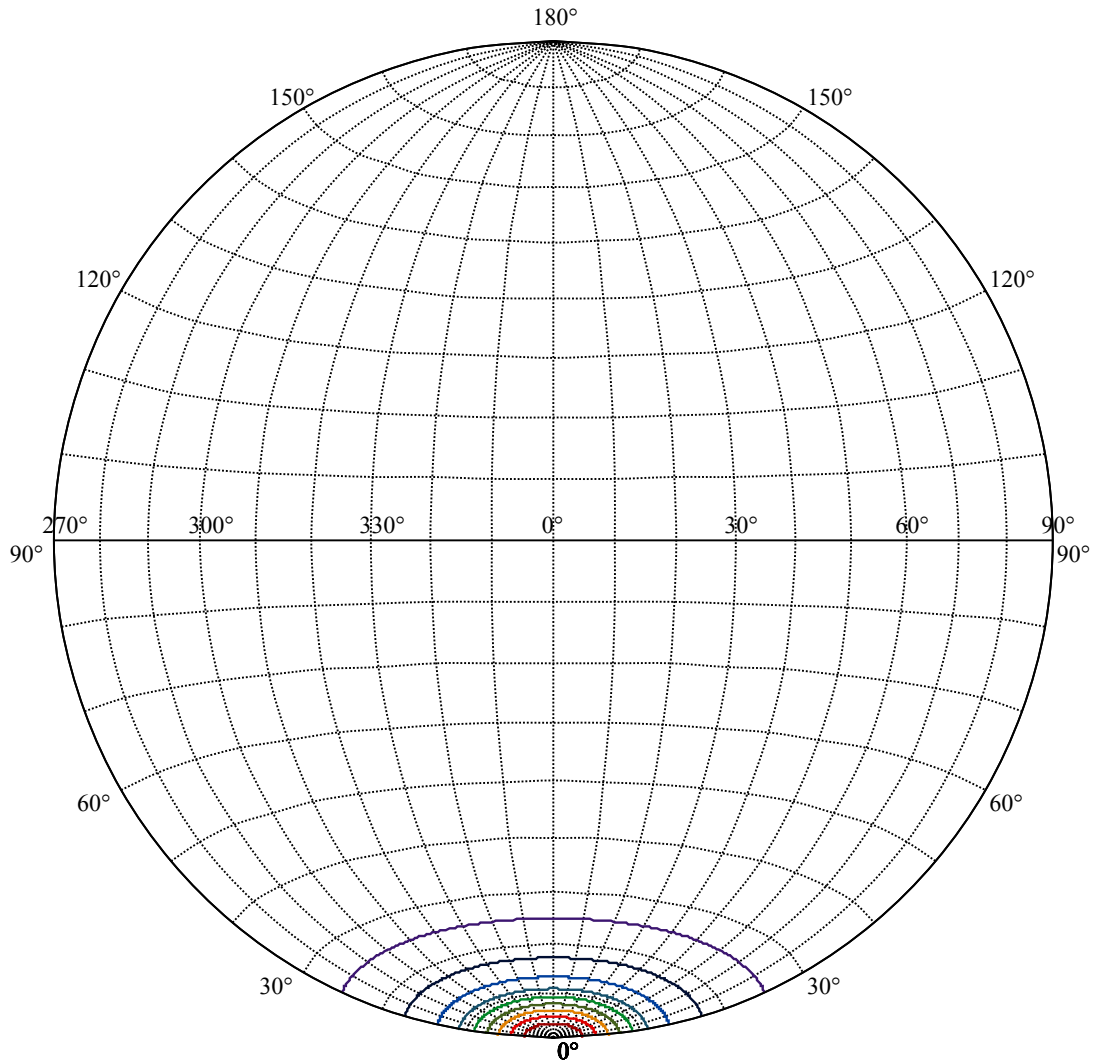
Field angle(10%Imax):C0/180Left:25.1 Right:25.1
:C90/270Left:25.1 Right:25.1

Beam Angle(50%Imax):C0/180Left:9.1 Right:9.1
:C90/270Left:9.1 Right:9.1





(10%Imax) 742.993	—
(20%Imax) 1485.99	—
(30%Imax) 2228.98	—
(40%Imax) 2971.97	—
(50%Imax) 3714.96	—
(60%Imax) 4457.96	—
(70%Imax) 5200.95	—
(80%Imax) 5943.94	—
(90%Imax) 6686.94	—



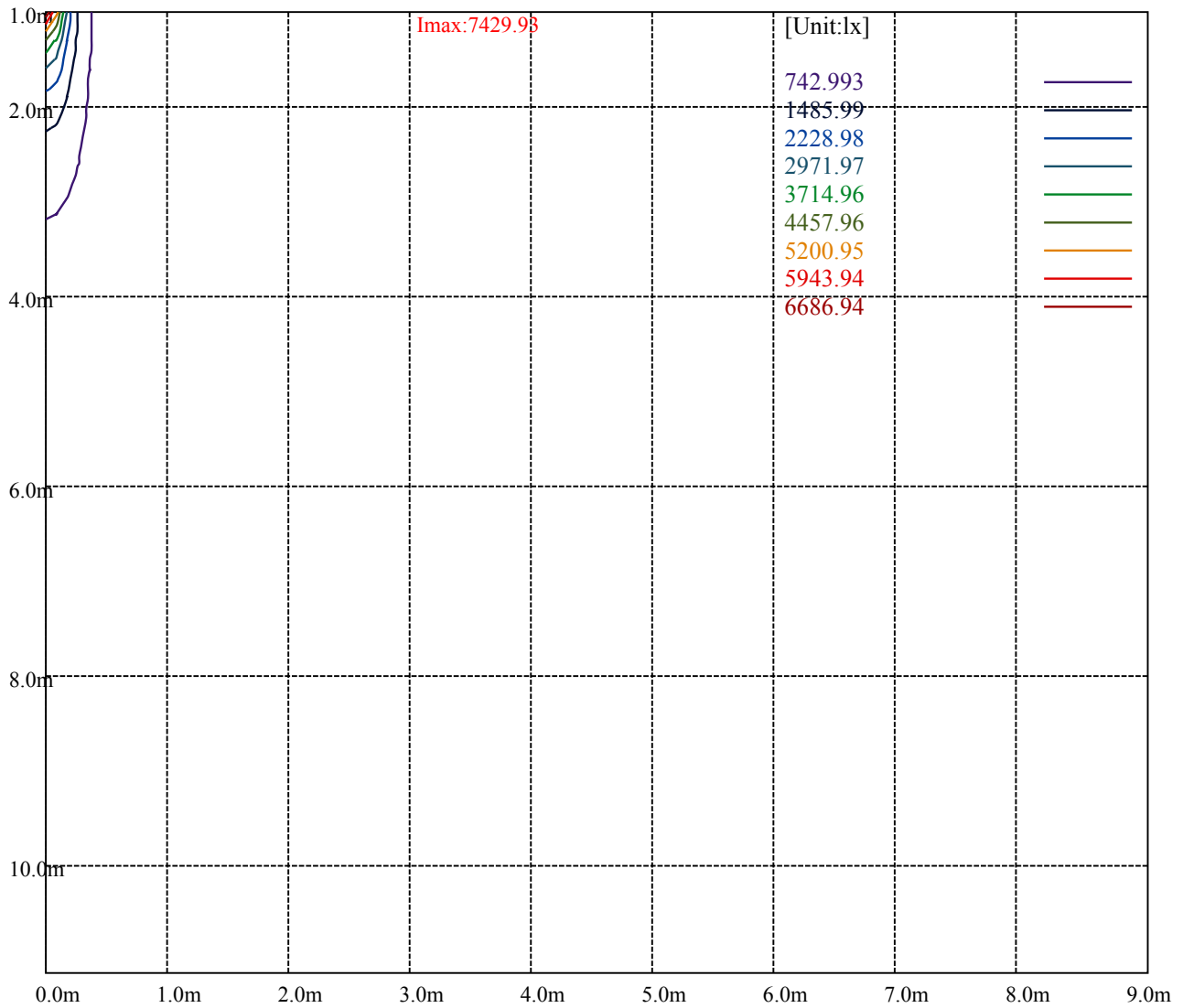
House

[Unit:cd]

Road

Imax:7429.93

(10%Imax) 742.993	—
(20%Imax) 1485.99	—
(30%Imax) 2228.98	—
(40%Imax) 2971.97	—
(50%Imax) 3714.96	—
(60%Imax) 4457.96	—
(70%Imax) 5200.95	—
(80%Imax) 5943.94	—
(90%Imax) 6686.94	—



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

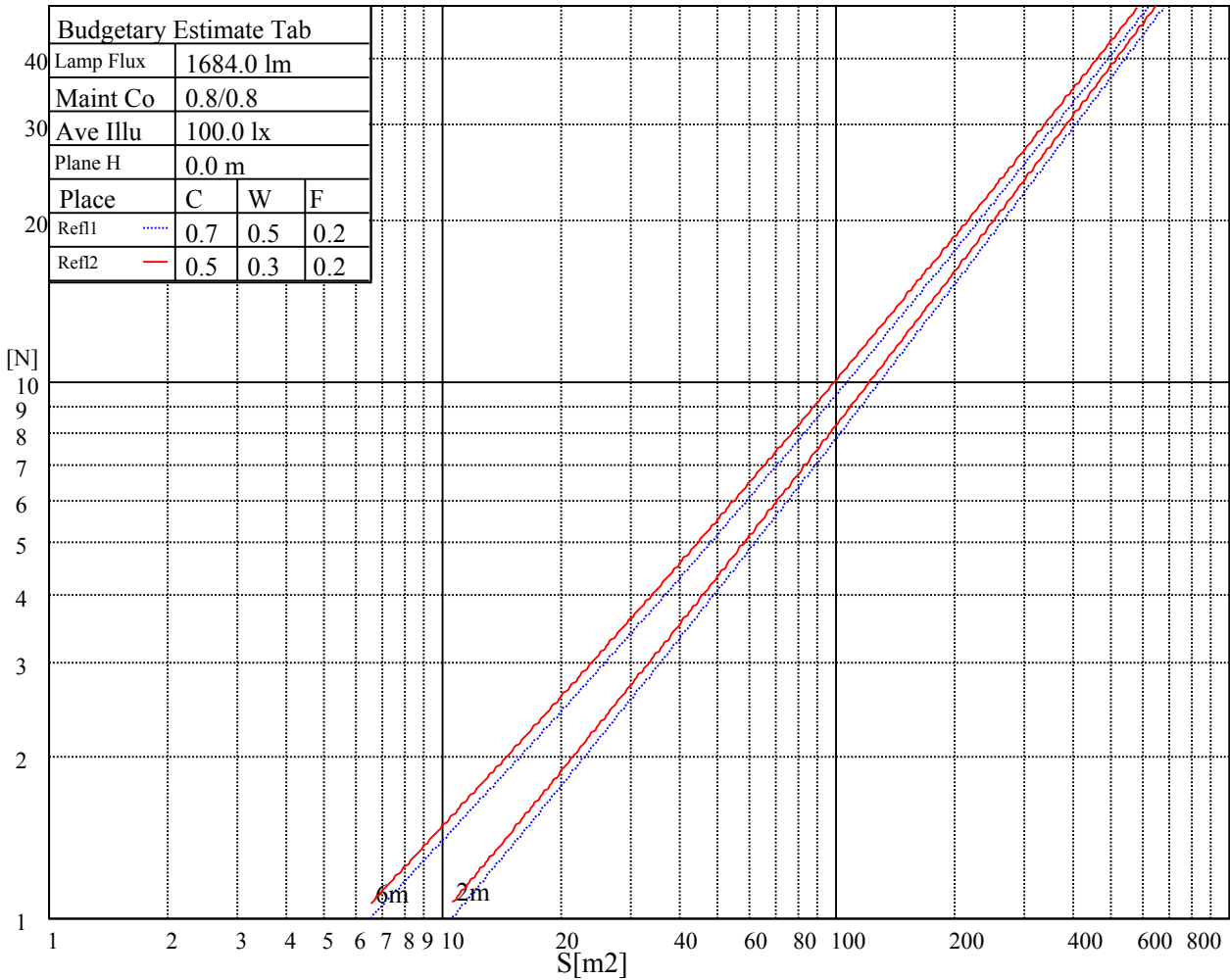
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

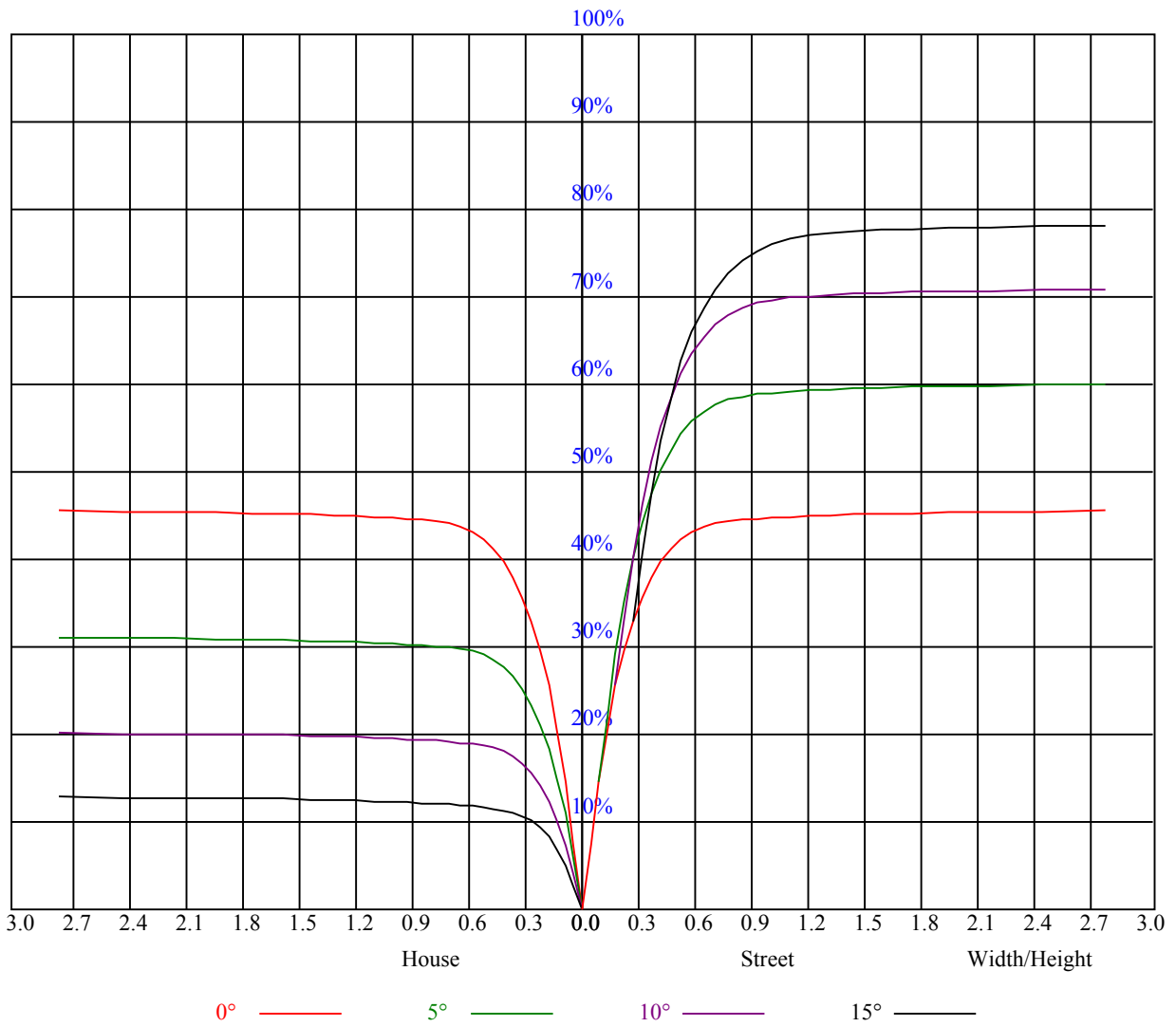


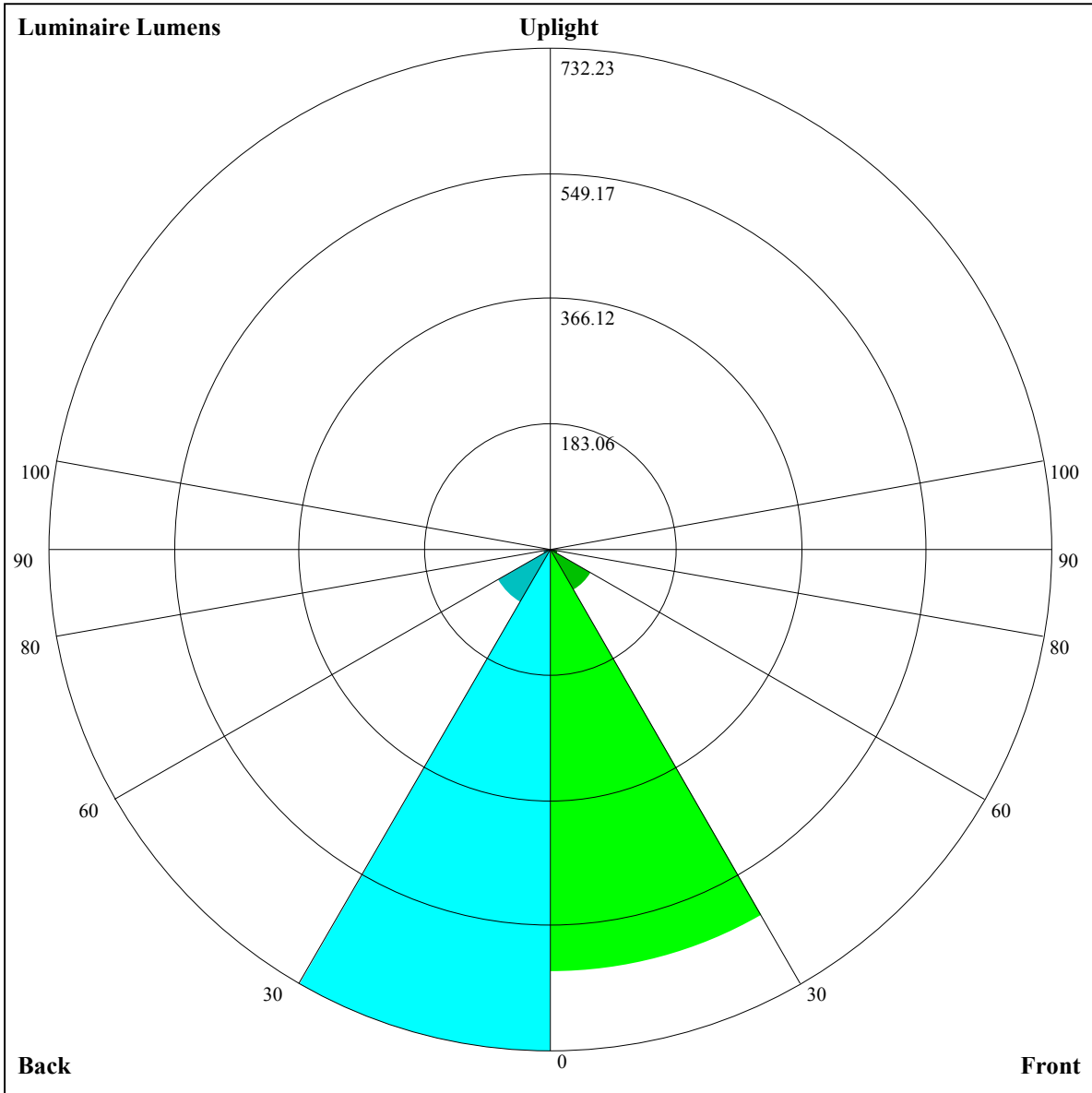
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	
8H	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	1.09	1.09	1.09	1.07	1.07	1.07	1.02	1.02	1.02	0.98	0.98	0.98	0.94	0.94	0.94	0.92
1	1.03	1.01	0.99	1.01	0.99	0.97	0.97	0.96	0.94	0.94	0.92	0.91	0.90	0.90	0.89	0.87
2	0.97	0.94	0.91	0.95	0.93	0.90	0.92	0.90	0.88	0.90	0.88	0.86	0.87	0.86	0.84	0.83
3	0.92	0.88	0.85	0.91	0.87	0.85	0.88	0.86	0.83	0.86	0.84	0.82	0.84	0.82	0.81	0.79
4	0.88	0.84	0.80	0.87	0.83	0.80	0.85	0.82	0.79	0.83	0.80	0.78	0.82	0.79	0.77	0.76
5	0.84	0.80	0.76	0.83	0.79	0.76	0.82	0.78	0.75	0.80	0.77	0.75	0.79	0.76	0.74	0.73
6	0.80	0.76	0.73	0.80	0.76	0.73	0.79	0.75	0.72	0.77	0.74	0.72	0.76	0.73	0.71	0.70
7	0.77	0.73	0.70	0.77	0.73	0.70	0.76	0.72	0.69	0.75	0.71	0.69	0.74	0.71	0.69	0.68
8	0.75	0.70	0.67	0.74	0.70	0.67	0.73	0.69	0.67	0.72	0.69	0.67	0.72	0.69	0.66	0.65
9	0.72	0.68	0.65	0.72	0.67	0.65	0.71	0.67	0.65	0.70	0.67	0.64	0.69	0.66	0.64	0.63
10	0.70	0.65	0.63	0.69	0.65	0.63	0.69	0.65	0.62	0.68	0.65	0.62	0.67	0.64	0.62	0.61





Luminaire Lumens:

FL=617.42,FM=68.61,FH=12.16,FVH=4.01

BL=732.23,BM=89.82,BH=12.7,BVH=4.14

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	7325.91	6866.50	6418.81	5916.68	5381.20	4716.97	4227.14	3749.01	3345.20
45.0	7568.19	7389.69	7106.45	6726.05	6153.70	5614.71	5058.74	4525.02	3918.14
90.0	7488.01	7314.20	7043.24	6666.94	6218.07	5545.07	5014.27	4479.96	3861.37
135.0	7337.61	7542.44	7613.25	7545.95	7326.49	6901.03	6443.39	5771.55	5212.07
180.0	7325.91	7591.60	7723.86	7695.18	7510.84	7131.61	6683.91	6160.14	5587.79
225.0	7568.19	7592.77	7489.77	7176.09	6802.71	6345.07	5662.70	5082.15	4499.27
270.0	7488.01	7474.55	7342.88	7084.21	6648.80	6198.18	5708.93	5019.53	4476.44
315.0	7337.61	6928.54	6508.93	6018.51	5498.25	4961.01	4296.78	3811.63	3382.07
360.0	7325.91	6866.50	6418.81	5916.68	5381.20	4716.97	4227.14	3749.01	3345.20

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	2919.16	2628.89	2376.66	2108.04	1925.45	1756.90	1578.41	1451.42	1154.36
45.0	3481.56	3102.34	2701.46	2435.76	2207.53	1959.98	1792.60	1639.27	1471.31
90.0	3418.36	2943.74	2638.25	2384.27	2164.81	1926.62	1764.51	1616.45	1481.85
135.0	4643.82	4122.38	3637.23	3122.82	2774.03	2496.63	2259.61	2000.94	1825.96
180.0	4869.72	4306.14	3792.32	3335.84	2865.91	2568.03	2325.74	2064.73	1882.14
225.0	3959.11	3376.22	2990.56	2664.00	2395.97	2120.33	1931.89	1769.78	1583.09
270.0	3971.98	3392.61	3000.51	2603.72	2343.30	2119.16	1928.96	1756.90	1572.56
315.0	3006.94	2635.33	2387.19	2168.90	1935.98	1776.80	1597.72	1468.97	1278.78
360.0	2919.16	2628.89	2376.66	2108.04	1925.45	1756.90	1578.41	1451.42	1154.36

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1154.36	1104.20	1012.09	900.66	819.08	747.68	685.18	611.62	550.81
45.0	1354.85	1250.68	1137.15	1042.93	953.98	870.87	781.33	725.15	668.97
90.0	1157.05	1157.05	1134.11	1043.63	931.15	849.92	756.11	695.95	634.44
135.0	1674.39	1508.77	1391.72	1257.12	1159.97	1067.51	975.04	867.95	788.94
180.0	1725.30	1538.03	1418.06	1284.04	1176.95	1091.50	997.28	889.02	810.60
225.0	1456.68	1160.27	1160.27	1114.39	1009.28	926.12	849.28	777.94	718.48
270.0	1436.20	1312.72	1206.79	1089.75	990.84	909.50	815.86	741.54	664.29
315.0	1150.20	1127.20	1033.57	948.77	869.35	778.29	721.00	664.41	602.72
360.0	1154.36	1104.20	1012.09	900.66	819.08	747.68	685.18	611.62	550.81

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	487.55	426.45	356.17	301.27	235.08	187.04	145.19	102.71	79.47
45.0	606.94	526.18	462.97	402.11	330.71	302.03	302.03	159.47	119.97
90.0	559.07	497.50	437.92	366.12	308.18	254.40	204.71	150.75	117.75
135.0	721.64	643.22	578.85	516.81	455.36	396.84	324.86	298.52	298.52
180.0	745.64	688.28	627.42	549.58	487.55	412.06	352.95	296.77	296.77
225.0	648.14	586.40	522.55	462.33	387.59	329.48	273.30	208.16	162.05
270.0	607.52	549.58	476.43	420.25	364.07	309.06	295.01	231.22	148.82
315.0	522.66	458.64	381.51	321.17	265.17	199.27	153.33	115.64	83.16
360.0	487.55	426.45	356.17	301.27	235.08	187.04	145.19	102.71	79.47

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	67.53	60.57	53.61	48.81	44.71	41.20	37.40	34.70	32.48
45.0	91.24	71.98	64.37	58.05	52.03	45.82	41.67	38.04	34.82
90.0	94.16	80.35	69.99	62.97	56.88	50.15	45.65	40.73	37.51
135.0	158.30	120.50	93.40	73.21	64.49	56.06	50.15	44.95	40.61
180.0	181.13	140.22	107.27	81.58	71.28	63.56	55.71	50.45	46.06
225.0	115.29	89.07	73.33	62.21	55.01	48.69	43.31	37.81	34.29
270.0	116.11	87.32	73.97	65.49	58.99	52.09	47.40	42.43	39.03
315.0	69.82	62.56	56.47	49.51	44.65	40.73	37.40	33.65	31.19
360.0	67.53	60.57	53.61	48.81	44.71	41.20	37.40	34.70	32.48

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	30.20	28.73	27.62	26.34	25.46	24.81	24.17	23.76	23.35
45.0	31.31	28.97	26.86	24.58	23.17	22.00	20.54	19.66	18.84
90.0	34.41	31.72	28.91	26.92	25.28	23.99	22.65	21.65	21.01
135.0	36.05	32.95	30.26	27.86	25.40	23.76	22.41	20.89	19.90
180.0	42.31	39.27	36.11	33.77	31.78	29.55	27.97	26.69	25.22
225.0	31.43	28.85	26.16	24.46	22.94	21.24	20.25	19.31	18.32
270.0	36.23	32.95	30.61	28.73	26.98	25.22	23.99	23.00	22.00
315.0	29.03	26.86	25.28	23.64	22.47	21.30	20.42	19.72	19.25
360.0	30.20	28.73	27.62	26.34	25.46	24.81	24.17	23.76	23.35
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	23.06	22.82	22.53	22.00	21.48	20.66	19.90	18.96	17.85
45.0	18.38	17.91	17.50	17.44	17.21	16.85	16.62	16.15	15.57
90.0	20.31	19.55	19.14	18.84	18.55	18.08	17.67	17.32	16.74
135.0	19.08	18.32	17.91	17.38	17.09	16.97	16.80	16.44	16.27
180.0	24.17	23.17	22.53	21.89	21.24	20.66	20.37	19.96	19.49
225.0	17.85	17.56	16.97	16.74	16.62	16.44	16.21	15.98	15.68
270.0	21.19	20.60	20.07	19.49	19.25	19.14	18.43	18.08	17.56
315.0	18.79	18.49	18.20	17.85	17.50	17.26	16.85	16.21	15.33
360.0	23.06	22.82	22.53	22.00	21.48	20.66	19.90	18.96	17.85
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	16.97	15.80	14.98	14.16	13.28	12.58	12.06	11.59	11.00
45.0	14.92	14.16	13.58	12.93	12.29	11.82	11.35	10.83	10.53
90.0	15.86	14.98	14.34	13.64	12.93	12.29	11.76	11.35	10.89
135.0	15.92	15.39	14.81	14.05	13.46	12.64	12.17	11.70	11.18
180.0	18.90	18.32	17.50	16.56	15.74	14.92	13.99	13.34	12.70
225.0	15.27	14.51	13.93	13.40	12.58	12.06	11.47	11.06	10.71
270.0	16.56	15.86	15.16	14.16	13.52	12.87	12.35	11.65	11.18
315.0	14.69	13.93	13.11	12.52	12.06	11.47	11.12	10.77	10.48
360.0	16.97	15.80	14.98	14.16	13.28	12.58	12.06	11.59	11.00
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	10.53	10.12	9.77	9.48	9.25	9.01	8.78	8.54	8.37
45.0	10.18	9.89	9.54	9.31	9.07	8.84	8.60	8.43	8.25
90.0	10.48	10.12	9.71	9.48	9.19	8.95	8.72	8.49	8.19
135.0	10.77	10.48	10.12	9.89	9.60	9.36	9.13	8.90	8.66
180.0	12.00	11.47	11.00	10.48	10.24	10.01	9.77	9.48	9.31
225.0	10.42	10.07	9.77	9.54	9.31	9.01	8.78	8.60	8.37
270.0	10.77	10.24	9.89	9.60	9.31	9.07	8.84	8.54	8.31
315.0	10.18	9.83	9.54	9.31	9.01	8.78	8.60	8.31	8.13
360.0	10.53	10.12	9.77	9.48	9.25	9.01	8.78	8.54	8.37
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	8.19	8.08	7.90	7.72	7.55	7.14	6.96	6.79	6.73
45.0	8.02	7.84	7.67	7.49	7.37	7.14	6.91	6.73	6.61
90.0	8.02	7.84	7.67	7.43	7.32	7.02	6.85	6.73	6.61
135.0	8.49	8.19	8.02	7.84	7.61	7.43	7.14	6.96	6.85
180.0	9.07	8.90	8.78	8.49	8.31	8.02	7.72	7.49	7.43
225.0	8.19	7.96	7.78	7.61	7.37	7.14	6.96	6.91	6.79
270.0	8.13	7.96	7.72	7.55	7.37	7.14	6.91	6.79	6.67
315.0	7.96	7.78	7.61	7.49	7.20	6.96	6.85	6.67	6.67
360.0	8.19	8.08	7.90	7.72	7.55	7.14	6.96	6.79	6.73

Intensity data(cd)

C/γ(°)	90.0
0.0	6.73
45.0	6.61
90.0	6.61
135.0	6.79
180.0	7.20
225.0	6.67
270.0	6.61
315.0	6.67
360.0	6.73