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NT

Client:

LumCAT: 1-1377-L

Luminaire: 92.70.427.00

Report No: 20231110-B007

Ballast type: AC

Test No: 20231110-C007

Voltage(V): 34.760

LampCAT: Fortimo_SLM_C_1204

Current(A): 0.320

Lamp flux(lm): 1750.7

Power (W): 11.123

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1629.36, Efficiency(%): 93.07% , Luminous Efficacy(lm/W): 146.49

Central intensity(cd): 7272.909, Maximum intensity(cd): 7272.909

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=20.4

[C90/270]Total=20.4

Field angle(10%Imax): [C0/180]Total=51.6

[C90/270]Total=51.6

Maximum s/h(1/2): C0_180=0.35 C90_270=0.35

Maximum s/h(1/4): C0_180=0.38 C90_270=0.38

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 93.07%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.044%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	7272.910	0.000	0	0.00%	0.00%
1.0	7238.452	6.943	6.943	0.40%	0.43%
2.0	7128.021	20.620	27.564	1.18%	1.69%
3.0	6949.921	33.670	61.233	1.92%	3.76%
4.0	6663.674	45.569	106.802	2.60%	6.55%
5.0	6316.814	55.841	162.644	3.19%	9.98%
6.0	5869.419	64.042	226.686	3.66%	13.91%
7.0	5348.749	69.631	296.317	3.98%	18.19%
8.0	4792.169	72.577	368.893	4.15%	22.64%
9.0	4270.530	73.448	442.342	4.20%	27.15%
10.0	3723.152	72.340	514.681	4.13%	31.59%
11.0	3287.796	70.054	584.735	4.00%	35.89%
12.0	2882.193	67.447	652.182	3.85%	40.03%
13.0	2528.760	64.214	716.396	3.67%	43.97%
14.0	2268.114	61.400	777.796	3.51%	47.74%
15.0	2032.238	59.037	836.833	3.37%	51.36%
16.0	1828.814	56.575	893.408	3.23%	54.83%
17.0	1645.247	54.100	947.509	3.09%	58.15%
18.0	1498.145	51.828	999.336	2.96%	61.33%
19.0	1332.555	49.248	1048.585	2.81%	64.36%
20.0	1206.902	46.479	1095.064	2.65%	67.21%
21.0	1129.719	44.868	1139.932	2.56%	69.96%
22.0	1056.949	43.942	1183.874	2.51%	72.66%
23.0	972.528	42.584	1226.458	2.43%	75.27%
24.0	881.631	40.539	1266.996	2.32%	77.76%
25.0	796.476	38.156	1305.153	2.18%	80.10%
26.0	708.180	35.518	1340.67	2.03%	82.28%
27.0	619.220	32.475	1373.145	1.86%	84.28%
28.0	535.989	29.247	1402.393	1.67%	86.07%
29.0	452.031	25.849	1428.242	1.48%	87.66%
30.0	375.643	22.347	1450.589	1.28%	89.03%
31.0	307.316	19.006	1469.595	1.09%	90.19%
32.0	254.606	16.098	1485.694	0.92%	91.18%
33.0	227.081	14.191	1499.884	0.81%	92.05%
34.0	167.445	11.940	1511.824	0.68%	92.79%
35.0	123.099	9.023	1520.847	0.52%	93.34%
36.0	106.853	7.322	1528.169	0.42%	93.79%
37.0	94.585	6.570	1534.739	0.38%	94.19%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	83.515	5.945	1540.683	0.34%	94.56%
39.0	74.257	5.385	1546.068	0.31%	94.89%
40.0	65.511	4.875	1550.943	0.28%	95.19%
41.0	57.720	4.388	1555.331	0.25%	95.46%
42.0	51.313	3.961	1559.293	0.23%	95.70%
43.0	45.542	3.588	1562.88	0.20%	95.92%
44.0	40.505	3.248	1566.128	0.19%	96.12%
45.0	36.395	2.955	1569.083	0.17%	96.30%
46.0	32.859	2.708	1571.792	0.15%	96.47%
47.0	29.905	2.496	1574.288	0.14%	96.62%
48.0	27.518	2.321	1576.609	0.13%	96.76%
49.0	25.504	2.177	1578.787	0.12%	96.90%
50.0	23.747	2.053	1580.84	0.12%	97.02%
51.0	22.314	1.949	1582.789	0.11%	97.14%
52.0	21.076	1.862	1584.651	0.11%	97.26%
53.0	20.031	1.788	1586.439	0.10%	97.37%
54.0	19.000	1.720	1588.159	0.10%	97.47%
55.0	18.211	1.661	1589.82	0.09%	97.57%
56.0	17.478	1.613	1591.433	0.09%	97.67%
57.0	16.841	1.569	1593.002	0.09%	97.77%
58.0	16.239	1.530	1594.532	0.09%	97.86%
59.0	15.720	1.494	1596.026	0.09%	97.95%
60.0	15.271	1.464	1597.49	0.08%	98.04%
61.0	14.842	1.437	1598.927	0.08%	98.13%
62.0	14.427	1.410	1600.338	0.08%	98.22%
63.0	13.977	1.381	1601.719	0.08%	98.30%
64.0	13.638	1.355	1603.074	0.08%	98.39%
65.0	13.230	1.330	1604.404	0.08%	98.47%
66.0	12.877	1.303	1605.706	0.07%	98.55%
67.0	12.448	1.273	1606.98	0.07%	98.63%
68.0	12.088	1.243	1608.223	0.07%	98.70%
69.0	11.680	1.213	1609.435	0.07%	98.78%
70.0	11.320	1.181	1610.616	0.07%	98.85%
71.0	10.939	1.150	1611.767	0.07%	98.92%
72.0	10.600	1.120	1612.887	0.06%	98.99%
73.0	10.254	1.091	1613.977	0.06%	99.06%
74.0	9.964	1.063	1615.04	0.06%	99.12%
75.0	9.694	1.039	1616.079	0.06%	99.18%

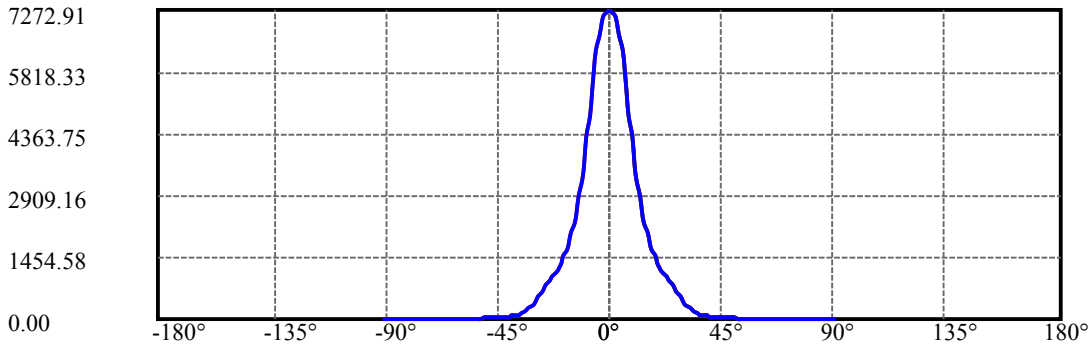
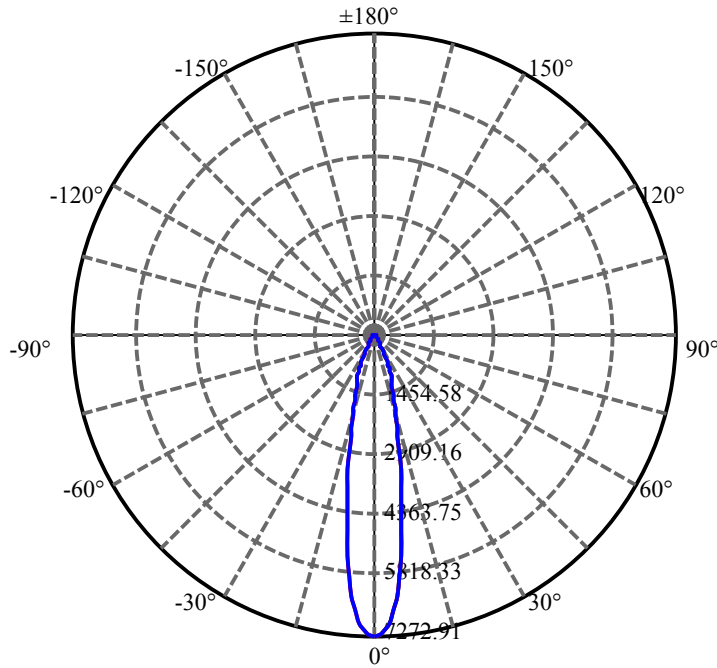
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	9.424	1.015	1617.094	0.06%	99.25%
77.0	9.175	0.992	1618.085	0.06%	99.31%
78.0	8.940	0.970	1619.055	0.06%	99.37%
79.0	8.711	0.948	1620.003	0.05%	99.43%
80.0	8.504	0.928	1620.931	0.05%	99.48%
81.0	8.317	0.910	1621.841	0.05%	99.54%
82.0	8.172	0.894	1622.735	0.05%	99.59%
83.0	8.040	0.881	1623.616	0.05%	99.65%
84.0	7.839	0.865	1624.482	0.05%	99.70%
85.0	7.673	0.847	1625.328	0.05%	99.75%
86.0	7.521	0.831	1626.159	0.05%	99.80%
87.0	7.438	0.819	1626.977	0.05%	99.85%
88.0	7.314	0.808	1627.785	0.05%	99.90%
89.0	7.161	0.793	1628.579	0.05%	99.95%
90.0	7.127	0.783	1629.362	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1450.59	82.86%	89.03%
0-40	1550.94	88.59%	95.19%
0-60	1597.49	91.25%	98.04%
0-90	1628.58	93.03%	99.95%
0-120	1628.58	93.03%	99.95%
0-180	1629.36	93.07%	100.00%
60-90	31.09	1.78%	1.91%
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%
0-24.96	1303.49	74.46%	80.00%

ZONAL LUMEN SUMMARY

0-10	514.68
10-20	580.38
20-30	355.53
30-40	100.35
40-50	29.90
50-60	16.65
60-70	13.13
70-80	10.32
80-90	7.65
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



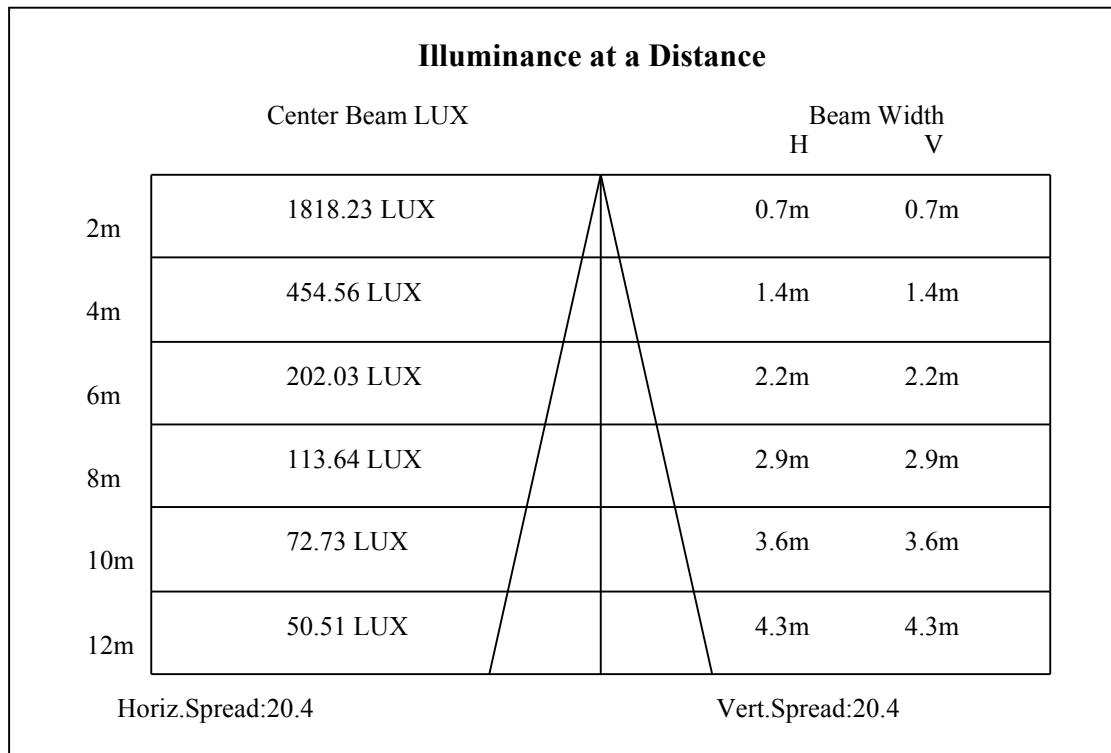
C0(Max): —————

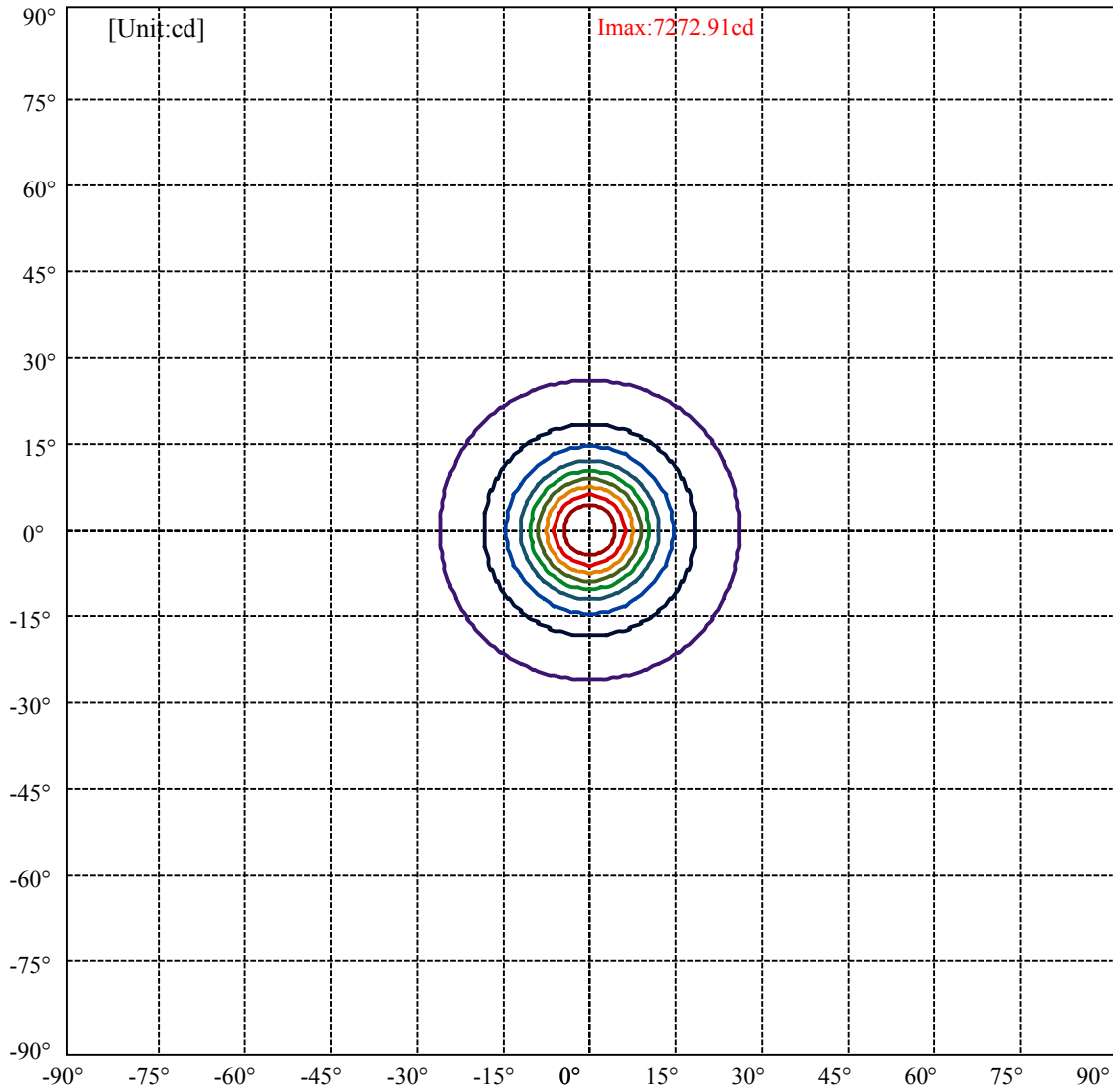
C0/C180: —————

C90/C270: —————

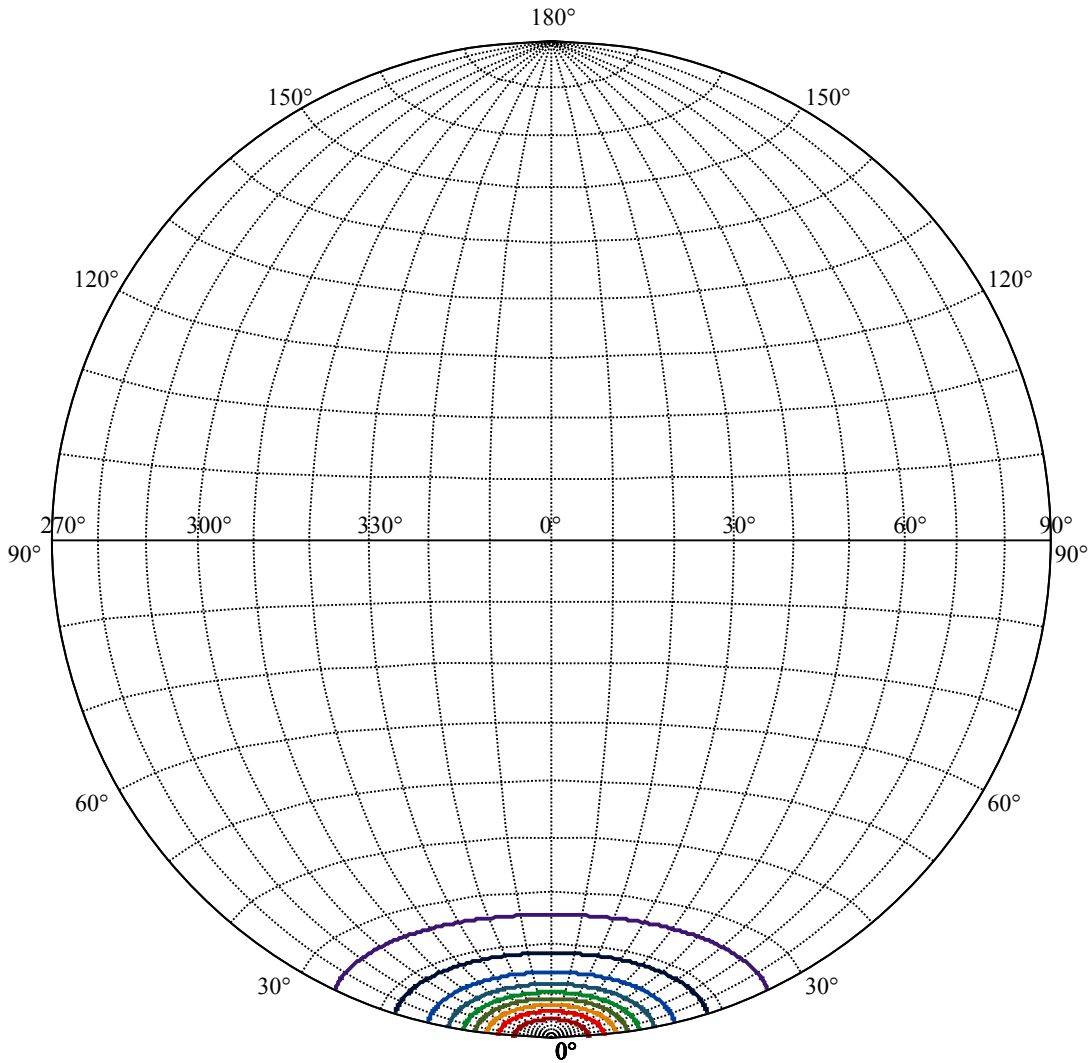
Field angle(10%Imax):C0/180Left:25.8 Right:25.8
:C90/270Left:25.8 Right:25.8

Beam Angle(50%Imax):C0/180Left:10.2 Right:10.2
:C90/270Left:10.2 Right:10.2





(10%Imax) 727.291	—
(20%Imax) 1454.58	—
(30%Imax) 2181.87	—
(40%Imax) 2909.16	—
(50%Imax) 3636.45	—
(60%Imax) 4363.75	—
(70%Imax) 5091.04	—
(80%Imax) 5818.33	—
(90%Imax) 6545.62	—



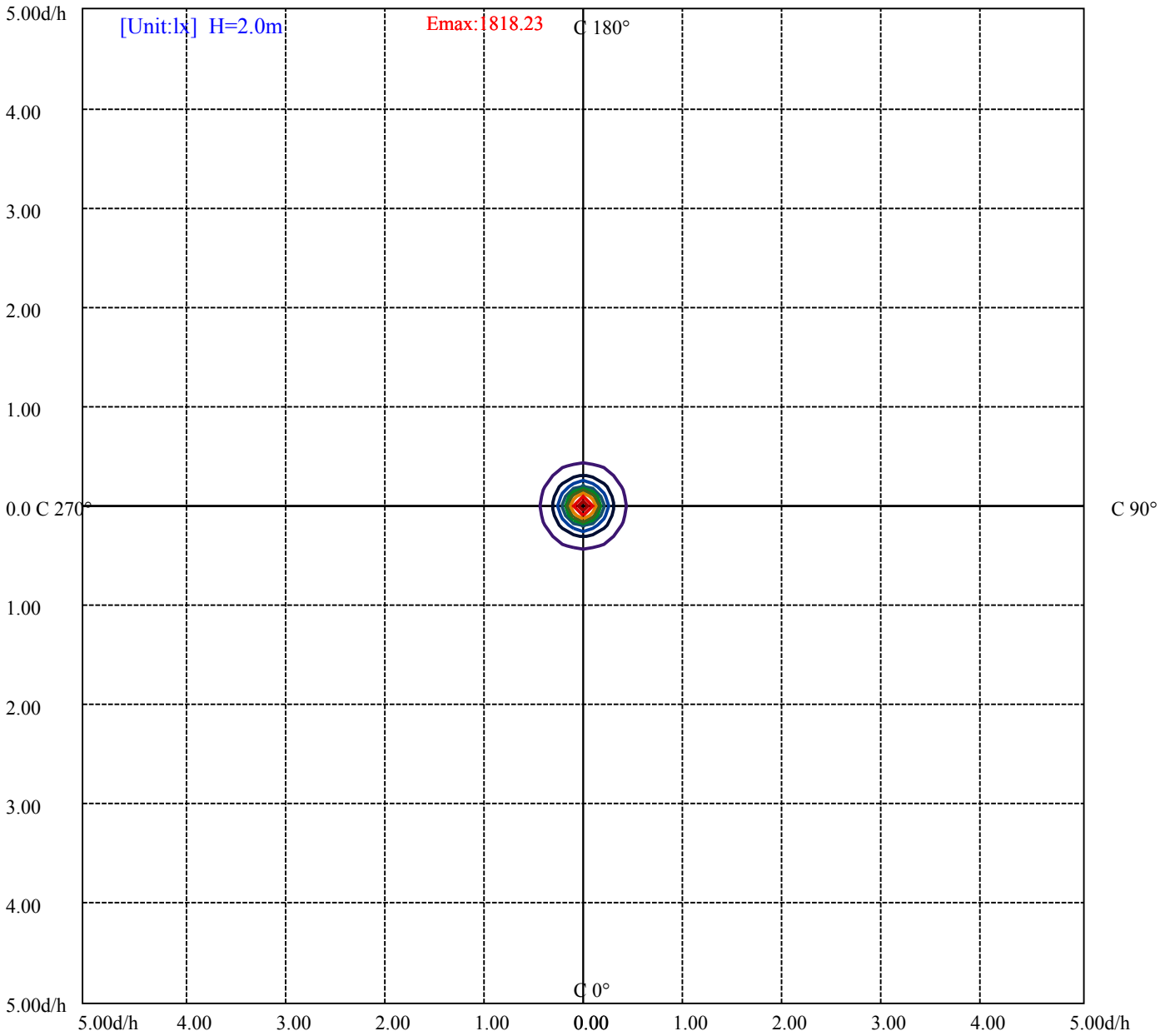
House

[Unit:cd]

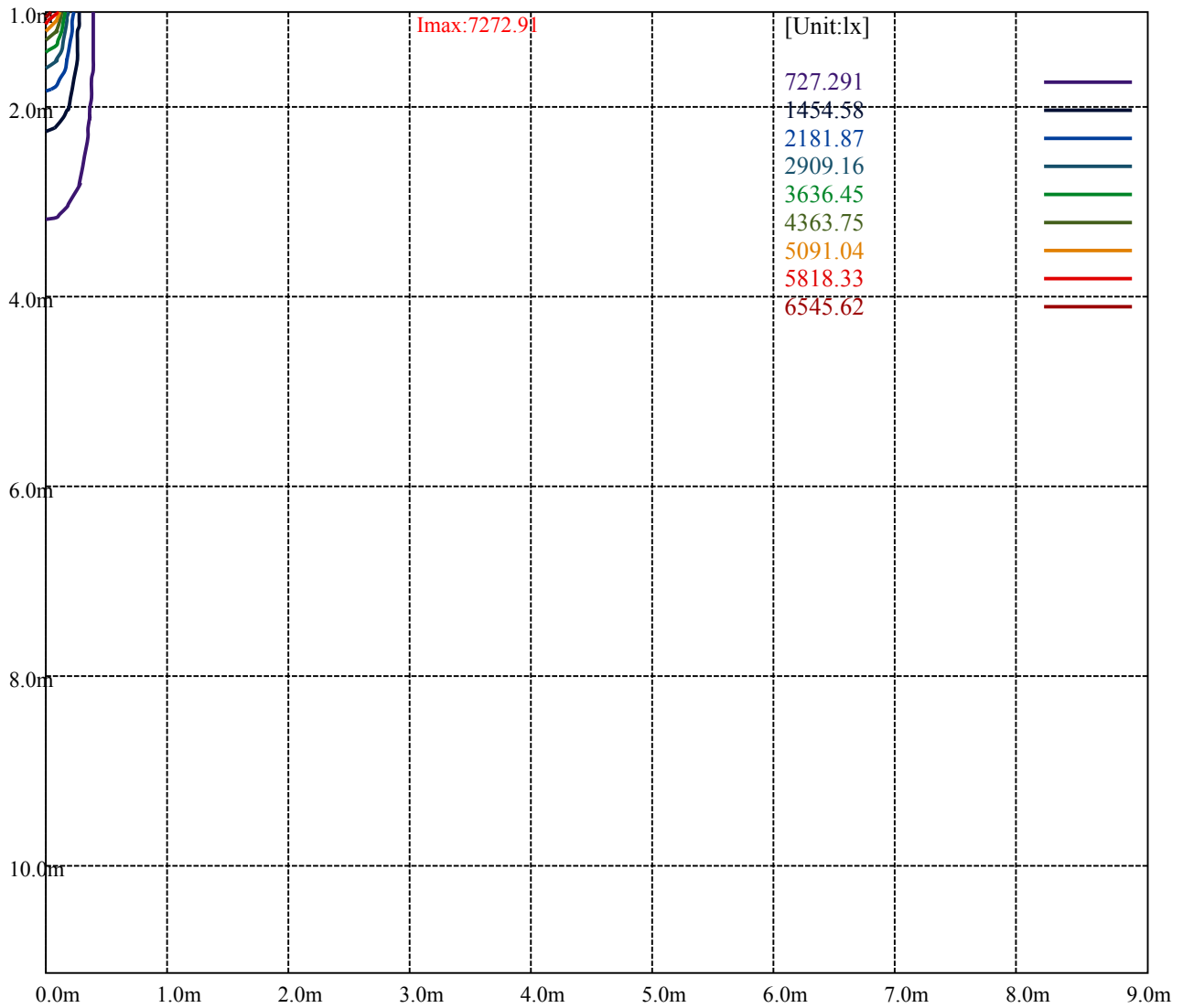
Road

Imax:7272.91

(10%Imax)	727.291	—
(20%Imax)	1454.58	—
(30%Imax)	2181.87	—
(40%Imax)	2909.16	—
(50%Imax)	3636.45	—
(60%Imax)	4363.75	—
(70%Imax)	5091.04	—
(80%Imax)	5818.33	—
(90%Imax)	6545.62	—



- (10%Emax) 181.8225
- (20%Emax) 363.645
- (30%Emax) 545.4675
- (40%Emax) 727.29
- (50%Emax) 909.1125
- (60%Emax) 1090.935
- (70%Emax) 1272.757
- (80%Emax) 1454.58
- (90%Emax) 1636.402



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

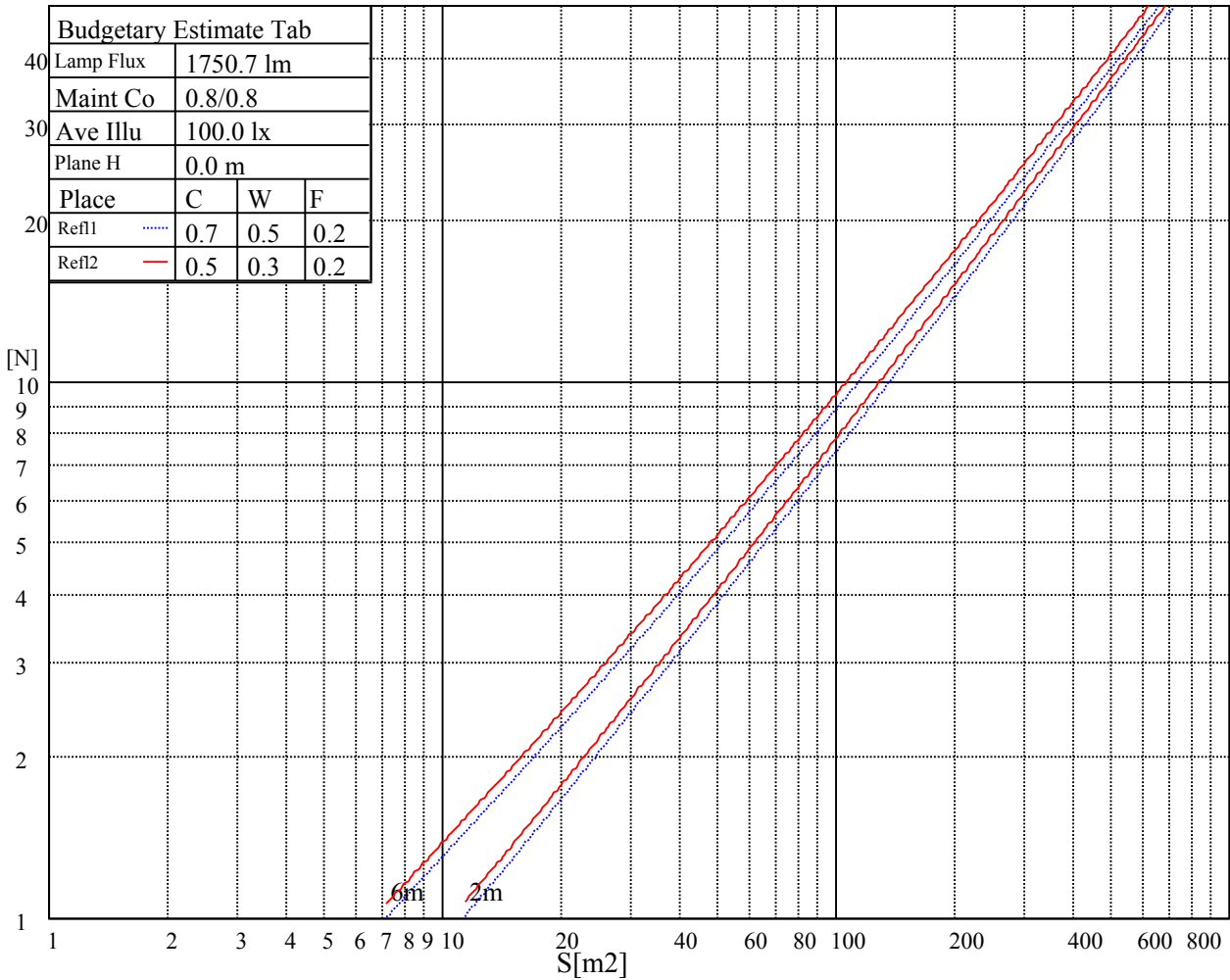
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

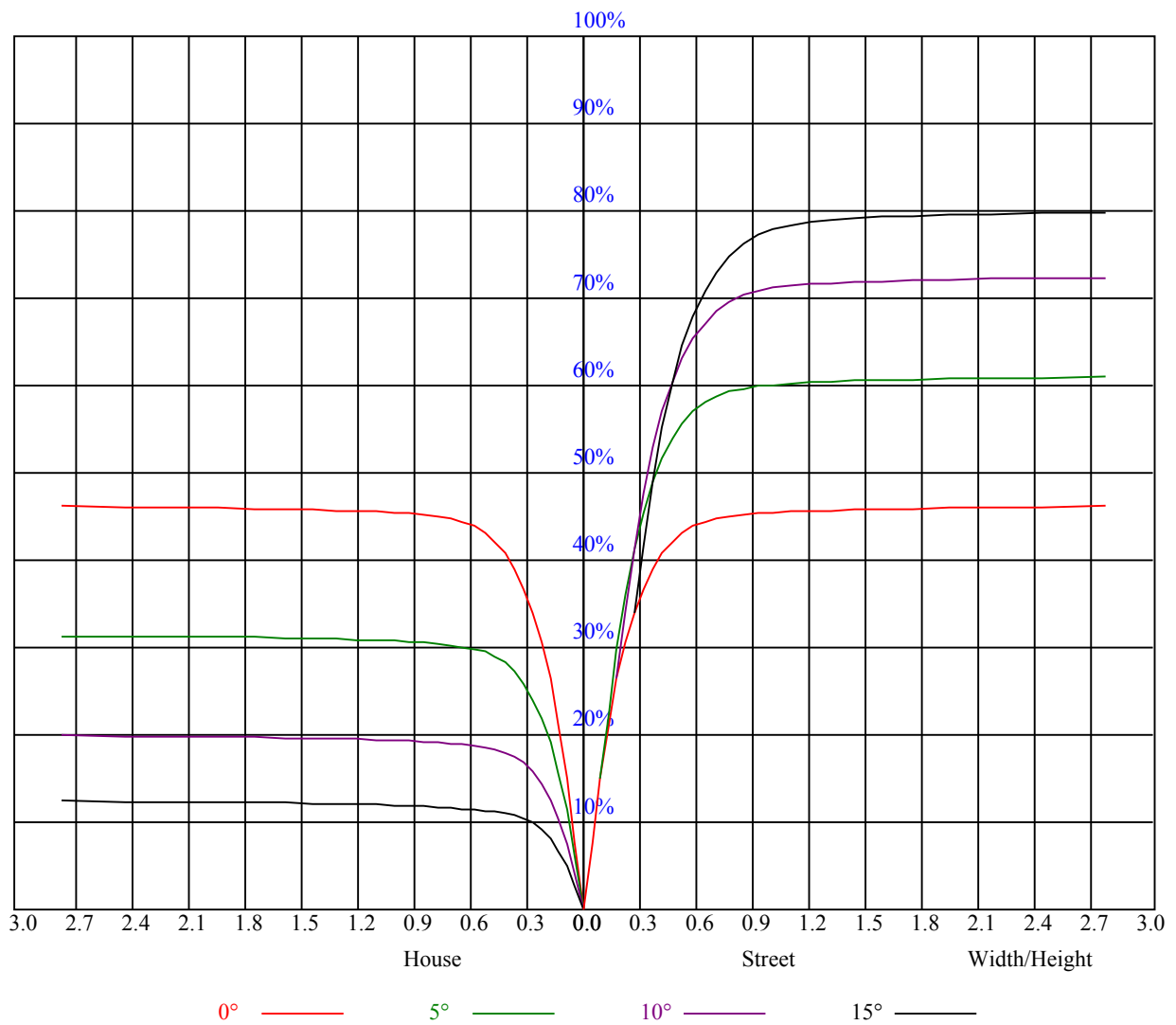


Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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 RHOFC=20 CU															
0	1.11	1.11	1.11	1.08	1.08	1.08	1.03	1.03	1.03	0.99	0.99	0.99	0.95	0.95	0.95	0.93
1	1.04	1.02	1.00	1.02	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89
2	0.98	0.95	0.93	0.97	0.94	0.92	0.94	0.92	0.90	0.91	0.89	0.88	0.89	0.87	0.86	0.85
3	0.94	0.90	0.87	0.92	0.89	0.86	0.90	0.87	0.85	0.88	0.85	0.83	0.86	0.84	0.82	0.81
4	0.89	0.85	0.82	0.88	0.85	0.82	0.86	0.83	0.81	0.85	0.82	0.80	0.83	0.81	0.79	0.78
5	0.86	0.81	0.78	0.85	0.81	0.78	0.83	0.80	0.77	0.82	0.79	0.76	0.80	0.78	0.76	0.75
6	0.82	0.78	0.75	0.81	0.77	0.74	0.80	0.77	0.74	0.79	0.76	0.73	0.78	0.75	0.73	0.72
7	0.79	0.75	0.72	0.78	0.74	0.71	0.77	0.74	0.71	0.76	0.73	0.71	0.75	0.73	0.70	0.69
8	0.76	0.72	0.69	0.76	0.72	0.69	0.75	0.71	0.69	0.74	0.71	0.68	0.73	0.70	0.68	0.67
9	0.74	0.69	0.67	0.73	0.69	0.66	0.72	0.69	0.66	0.72	0.68	0.66	0.71	0.68	0.66	0.65
10	0.71	0.67	0.64	0.71	0.67	0.64	0.70	0.67	0.64	0.70	0.66	0.64	0.69	0.66	0.64	0.63



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	7231.95	7102.97	6911.45	6628.04	6176.91	5724.67	5220.40	4704.50	4059.08
45.0	7298.37	7267.37	7130.10	6957.95	6702.77	6258.28	5819.88	5187.19	4669.08
90.0	7264.61	7136.74	6953.52	6707.20	6257.72	5801.61	5315.61	4672.40	4161.48
135.0	7296.71	7269.59	7180.47	6972.34	6713.28	6385.59	5865.82	5378.71	4737.16
180.0	7231.95	7305.57	7295.05	7209.25	7022.71	6795.76	6508.48	6018.04	5540.34
225.0	7298.37	7270.70	7152.79	6986.73	6751.48	6438.73	5923.94	5432.40	4904.33
270.0	7264.61	7302.25	7276.78	7188.22	6982.86	6754.80	6445.37	6042.40	5434.62
315.0	7296.71	7252.43	7124.01	6949.64	6701.66	6375.07	5855.86	5354.35	4831.26
360.0	7231.95	7102.97	6911.45	6628.04	6176.91	5724.67	5220.40	4704.50	4059.08
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	3587.47	3080.98	2737.79	2445.52	2142.74	1940.70	1764.67	1610.79	1446.39
45.0	4158.72	3675.48	3156.82	2805.32	2494.23	2236.29	2013.21	1772.42	1612.45
90.0	3685.44	3155.16	2797.57	2498.66	2178.16	1965.05	1777.40	1619.09	1450.26
135.0	4232.89	3756.30	3331.73	2864.55	2551.25	2291.09	2072.99	1834.42	1668.36
180.0	5030.54	4388.99	3895.23	3431.37	2945.92	2632.06	2360.83	2123.36	1874.27
225.0	4377.92	3757.40	3321.22	2856.80	2548.48	2283.89	2005.46	1817.81	1656.18
270.0	4911.52	4272.74	3787.85	3339.48	2856.25	2539.62	2271.71	2045.32	1803.97
315.0	4179.75	3698.17	3274.17	2815.84	2513.05	2256.21	1991.62	1807.30	1650.09
360.0	3587.47	3080.98	2737.79	2445.52	2142.74	1940.70	1764.67	1610.79	1446.39
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1336.24	1095.23	1095.23	1036.00	955.46	867.61	780.93	680.79	599.65
45.0	1444.18	1330.70	1228.30	1114.82	1037.88	963.71	866.84	784.91	700.78
90.0	1336.24	1094.45	1094.45	1033.84	960.33	881.28	780.87	700.22	619.63
135.0	1527.21	1372.77	1263.17	1166.30	1063.90	986.40	882.89	798.75	710.74
180.0	1708.21	1560.97	1428.12	1278.11	1181.80	1079.95	994.70	912.78	809.82
225.0	1476.28	1352.84	1084.04	1084.04	1043.58	966.20	886.43	803.57	720.43
270.0	1646.77	1497.31	1371.66	1234.39	1142.50	1063.90	968.13	882.89	801.52
315.0	1510.05	1356.16	1090.24	1090.24	1070.15	971.18	892.24	807.89	702.88
360.0	1336.24	1095.23	1095.23	1036.00	955.46	867.61	780.93	680.79	599.65
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	521.43	429.43	361.07	282.25	225.57	178.40	143.03	115.86	103.18
45.0	619.41	540.25	447.81	379.73	314.41	283.41	283.41	146.19	114.25
90.0	522.26	446.59	375.68	294.15	234.48	184.71	145.03	112.64	97.70
135.0	626.05	527.52	451.69	381.94	315.52	284.52	284.52	145.97	118.68
180.0	723.47	643.76	566.27	471.06	393.56	327.14	294.48	294.48	152.22
225.0	619.68	539.42	445.43	375.24	308.54	237.58	188.81	153.00	125.65
270.0	701.88	619.96	522.54	446.15	372.53	305.00	289.50	219.98	149.12
315.0	619.57	540.97	445.76	374.63	293.93	236.08	187.87	151.45	123.99
360.0	521.43	429.43	361.07	282.25	225.57	178.40	143.03	115.86	103.18
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	92.61	83.25	72.29	64.71	57.57	51.70	45.28	40.85	36.09
45.0	99.97	88.46	76.55	68.64	60.94	53.97	47.05	42.35	38.14
90.0	86.85	77.55	67.20	59.45	53.03	46.28	41.63	36.64	33.38
135.0	99.42	87.79	77.77	67.14	59.45	51.26	45.89	41.18	37.14
180.0	124.99	110.04	96.26	86.30	74.84	66.54	59.01	51.15	45.67
225.0	112.09	100.41	90.23	81.09	70.19	62.44	55.91	50.04	43.62
270.0	127.42	109.60	98.25	88.29	78.44	67.53	60.28	53.80	46.72
315.0	111.48	99.58	89.56	78.44	69.63	62.05	55.46	48.32	43.29
360.0	92.61	83.25	72.29	64.71	57.57	51.70	45.28	40.85	36.09

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	32.88	30.22	27.46	25.57	23.97	22.25	21.09	20.15	19.21
45.0	34.54	30.89	28.51	25.91	24.13	22.69	21.20	20.15	19.21
90.0	30.67	28.29	25.96	24.41	23.08	21.86	20.59	19.71	18.93
135.0	32.82	30.00	27.62	25.68	23.58	22.20	20.98	19.98	18.88
180.0	41.07	37.31	33.10	30.39	28.17	25.79	24.19	22.81	21.59
225.0	39.30	34.76	31.72	29.12	26.46	24.69	23.14	21.53	20.43
270.0	41.74	36.70	33.21	30.33	27.90	25.46	23.80	22.36	21.15
315.0	38.14	34.71	31.66	28.73	26.74	25.02	23.53	21.92	20.87
360.0	32.88	30.22	27.46	25.57	23.97	22.25	21.09	20.15	19.21
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	18.27	17.55	16.94	16.44	15.78	15.39	14.83	14.39	14.06
45.0	18.21	17.55	16.88	16.33	15.72	15.28	14.89	14.50	14.00
90.0	17.99	17.38	16.83	16.16	15.72	15.28	14.83	14.45	14.12
135.0	18.10	17.33	16.72	16.22	15.67	15.22	14.89	14.50	14.06
180.0	20.26	19.32	18.54	17.66	17.05	16.38	15.89	15.50	15.11
225.0	19.48	18.65	17.71	17.10	16.55	15.89	15.44	15.00	14.61
270.0	19.76	18.82	18.05	17.33	16.55	16.05	15.55	15.00	14.67
315.0	19.93	19.10	18.16	17.49	16.88	16.27	15.83	15.39	14.78
360.0	18.27	17.55	16.94	16.44	15.78	15.39	14.83	14.39	14.06
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	13.56	13.17	12.84	12.45	11.96	11.62	11.24	10.90	10.52
45.0	13.67	13.40	12.95	12.68	12.23	11.85	11.57	11.24	10.79
90.0	13.67	13.34	12.95	12.62	12.18	11.79	11.46	11.13	10.74
135.0	13.67	13.40	13.06	12.68	12.34	11.96	11.51	11.18	10.85
180.0	14.56	14.23	13.78	13.45	13.01	12.62	12.29	11.85	11.35
225.0	14.12	13.78	13.28	12.90	12.51	12.18	11.62	11.29	11.02
270.0	14.17	13.78	13.40	13.06	12.62	12.34	11.96	11.51	11.13
315.0	14.39	14.00	13.56	13.17	12.73	12.34	11.79	11.46	11.13
360.0	13.56	13.17	12.84	12.45	11.96	11.62	11.24	10.90	10.52
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	10.24	9.96	9.63	9.41	9.19	8.91	8.69	8.47	8.25
45.0	10.57	10.24	10.02	9.69	9.47	9.24	9.08	8.80	8.64
90.0	10.41	10.07	9.85	9.63	9.35	9.13	8.91	8.69	8.47
135.0	10.52	10.19	9.91	9.69	9.41	9.24	8.97	8.75	8.58
180.0	11.07	10.63	10.35	10.02	9.74	9.41	9.19	8.97	8.75
225.0	10.57	10.24	9.91	9.69	9.35	9.13	8.86	8.64	8.41
270.0	10.74	10.35	10.02	9.74	9.47	9.13	8.91	8.69	8.47
315.0	10.68	10.35	10.02	9.69	9.41	9.19	8.91	8.69	8.47
360.0	10.24	9.96	9.63	9.41	9.19	8.91	8.69	8.47	8.25
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	8.14	8.03	7.86	7.69	7.53	7.42	7.42	7.09	7.03
45.0	8.36	8.19	8.03	7.86	7.75	7.47	7.42	7.36	7.14
90.0	8.30	8.14	7.97	7.80	7.64	7.47	7.42	7.25	7.14
135.0	8.36	8.25	8.08	7.80	7.69	7.53	7.42	7.36	7.14
180.0	8.52	8.36	8.25	8.03	7.80	7.69	7.58	7.42	7.31
225.0	8.25	8.14	7.97	7.80	7.64	7.53	7.42	7.31	7.14
270.0	8.30	8.14	8.14	7.92	7.69	7.53	7.42	7.36	7.31
315.0	8.30	8.14	8.03	7.80	7.64	7.53	7.42	7.36	7.09
360.0	8.14	8.03	7.86	7.69	7.53	7.42	7.42	7.09	7.03

Intensity data(cd)

C/γ(°)	90.0
0.0	7.03
45.0	7.03
90.0	7.03
135.0	7.03
180.0	7.03
225.0	7.31
270.0	7.36
315.0	7.20
360.0	7.03