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NT

Client:

LumCAT: 1-1380-L

Luminaire: 92.70.427.00

Report No: 20231113-B013

Ballast type: AC

Test No: 20231113-C013

Voltage(V): 34.470

LampCAT: Fortimo_SLM_C_1203

Current(A): 0.216

Lamp flux(lm): 1241.8

Power (W): 7.445

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1157.55, Efficiency(%): 93.22% , Luminous Efficacy(lm/W): 155.48

Central intensity(cd): 1611.067, Maximum intensity(cd): 1611.067

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=53.0

[C90/270]Total=53.0

Field angle(10%Imax): [C0/180]Total=71.8

[C90/270]Total=71.8

Beam angle of C0 plane : 53.06

Average BeamAngle(IEC 61341):53.06

Maximum s/h(1/2): C0_180=0.88 C90_270=0.88

Maximum s/h(1/4): C0_180=0.78 C90_270=0.78

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 93.22%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.053%

Equipment: GMS1980
Temperature(°C): 0.0

Date: 2023/11/13
Humidity(%): 0.0%

Operator: NT07
Distance(m): 7.44

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	1611.067	0.000	0	0.00%	0.00%
1.0	1606.707	1.540	1.54	0.12%	0.13%
2.0	1599.581	4.602	6.142	0.37%	0.53%
3.0	1598.197	7.648	13.79	0.62%	1.19%
4.0	1597.851	10.698	24.488	0.86%	2.12%
5.0	1594.253	13.732	38.22	1.11%	3.30%
6.0	1587.403	16.720	54.941	1.35%	4.75%
7.0	1579.100	19.654	74.595	1.58%	6.44%
8.0	1566.922	22.515	97.11	1.81%	8.39%
9.0	1551.700	25.275	122.385	2.04%	10.57%
10.0	1533.987	27.924	150.31	2.25%	12.99%
11.0	1518.142	30.497	180.807	2.46%	15.62%
12.0	1499.391	32.986	213.792	2.66%	18.47%
13.0	1483.822	35.403	249.196	2.85%	21.53%
14.0	1463.895	37.731	286.926	3.04%	24.79%
15.0	1443.622	39.916	326.842	3.21%	28.24%
16.0	1423.279	42.008	368.85	3.38%	31.86%
17.0	1397.540	43.928	412.778	3.54%	35.66%
18.0	1370.140	45.633	458.411	3.67%	39.60%
19.0	1331.877	47.010	505.42	3.79%	43.66%
20.0	1266.421	47.556	552.976	3.83%	47.77%
21.0	1218.983	47.725	600.701	3.84%	51.89%
22.0	1144.484	47.495	648.196	3.82%	56.00%
23.0	1095.925	47.010	695.206	3.79%	60.06%
24.0	1022.256	46.311	741.517	3.73%	64.06%
25.0	941.378	44.649	786.166	3.60%	67.92%
26.0	853.677	42.372	828.538	3.41%	71.58%
27.0	763.105	39.555	868.093	3.19%	74.99%
28.0	672.263	36.340	904.434	2.93%	78.13%
29.0	576.826	32.680	937.113	2.63%	80.96%
30.0	493.962	28.911	966.024	2.33%	83.45%
31.0	412.869	25.236	991.26	2.03%	85.63%
32.0	340.771	21.591	1012.851	1.74%	87.50%
33.0	280.138	18.292	1031.143	1.47%	89.08%
34.0	245.998	15.922	1047.066	1.28%	90.46%
35.0	197.287	13.767	1060.832	1.11%	91.64%
36.0	155.848	11.244	1072.076	0.91%	92.62%
37.0	116.789	8.892	1080.968	0.72%	93.38%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	94.516	7.053	1088.021	0.57%	93.99%
39.0	76.291	5.830	1093.851	0.47%	94.50%
40.0	62.702	4.848	1098.699	0.39%	94.92%
41.0	52.012	4.085	1102.784	0.33%	95.27%
42.0	44.006	3.488	1106.272	0.28%	95.57%
43.0	37.115	3.005	1109.277	0.24%	95.83%
44.0	32.278	2.619	1111.896	0.21%	96.06%
45.0	28.396	2.332	1114.228	0.19%	96.26%
46.0	25.158	2.094	1116.323	0.17%	96.44%
47.0	22.605	1.900	1118.222	0.15%	96.60%
48.0	20.467	1.741	1119.963	0.14%	96.75%
49.0	18.855	1.615	1121.578	0.13%	96.89%
50.0	17.395	1.511	1123.09	0.12%	97.02%
51.0	16.315	1.426	1124.516	0.11%	97.15%
52.0	15.257	1.355	1125.871	0.11%	97.26%
53.0	14.399	1.290	1127.161	0.10%	97.37%
54.0	13.686	1.238	1128.399	0.10%	97.48%
55.0	13.022	1.192	1129.591	0.10%	97.58%
56.0	12.427	1.150	1130.741	0.09%	97.68%
57.0	11.929	1.114	1131.854	0.09%	97.78%
58.0	11.472	1.082	1132.936	0.09%	97.87%
59.0	11.029	1.052	1133.988	0.08%	97.96%
60.0	10.669	1.025	1135.014	0.08%	98.05%
61.0	10.303	1.001	1136.014	0.08%	98.14%
62.0	9.991	0.978	1136.992	0.08%	98.22%
63.0	9.721	0.959	1137.951	0.08%	98.31%
64.0	9.438	0.940	1138.891	0.08%	98.39%
65.0	9.189	0.922	1139.813	0.07%	98.47%
66.0	8.919	0.903	1140.716	0.07%	98.55%
67.0	8.697	0.886	1141.602	0.07%	98.62%
68.0	8.483	0.870	1142.472	0.07%	98.70%
69.0	8.248	0.854	1143.326	0.07%	98.77%
70.0	8.033	0.836	1144.162	0.07%	98.84%
71.0	7.833	0.820	1144.982	0.07%	98.91%
72.0	7.639	0.804	1145.787	0.06%	98.98%
73.0	7.445	0.789	1146.575	0.06%	99.05%
74.0	7.237	0.772	1147.347	0.06%	99.12%
75.0	7.058	0.755	1148.103	0.06%	99.18%

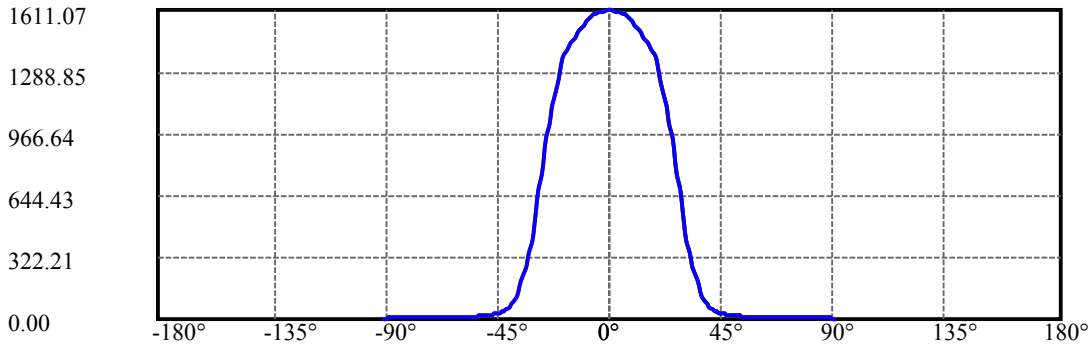
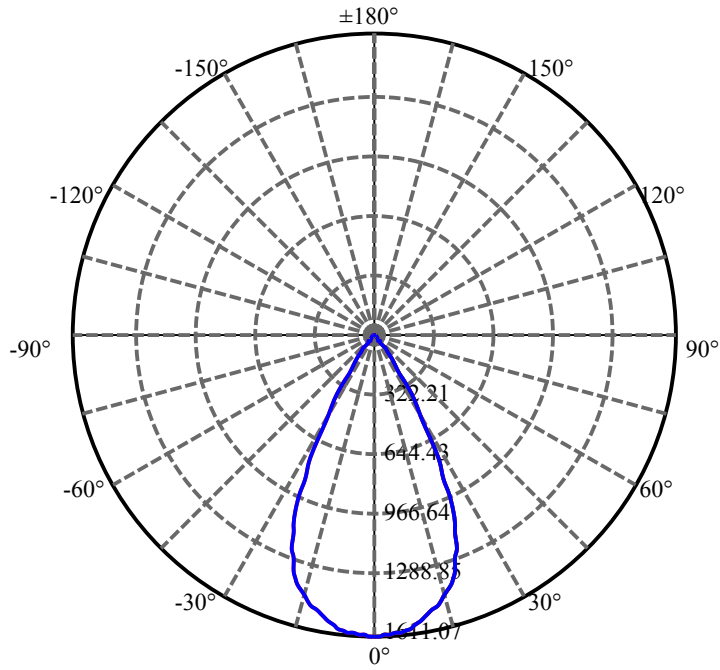
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	6.864	0.739	1148.842	0.06%	99.25%
77.0	6.677	0.722	1149.564	0.06%	99.31%
78.0	6.483	0.704	1150.268	0.06%	99.37%
79.0	6.303	0.687	1150.955	0.06%	99.43%
80.0	6.130	0.670	1151.625	0.05%	99.49%
81.0	5.978	0.655	1152.28	0.05%	99.54%
82.0	5.826	0.640	1152.92	0.05%	99.60%
83.0	5.660	0.624	1153.545	0.05%	99.65%
84.0	5.535	0.610	1154.155	0.05%	99.71%
85.0	5.369	0.595	1154.75	0.05%	99.76%
86.0	5.279	0.582	1155.332	0.05%	99.81%
87.0	5.148	0.571	1155.902	0.05%	99.86%
88.0	5.037	0.558	1156.46	0.04%	99.91%
89.0	4.968	0.548	1157.009	0.04%	99.95%
90.0	4.920	0.542	1157.551	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	966.02	77.79%	83.45%
0-40	1098.70	88.48%	94.92%
0-60	1135.01	91.40%	98.05%
0-90	1157.01	93.17%	99.95%
0-120	1157.01	93.17%	99.95%
0-180	1157.55	93.22%	100.00%
60-90	22.00	1.77%	1.90%
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%
0-28.66	926.04	74.57%	80.00%

ZONAL LUMEN SUMMARY

0-10	150.31
10-20	402.67
20-30	413.05
30-40	132.67
40-50	24.39
50-60	11.92
60-70	9.15
70-80	7.46
80-90	5.38
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: —————

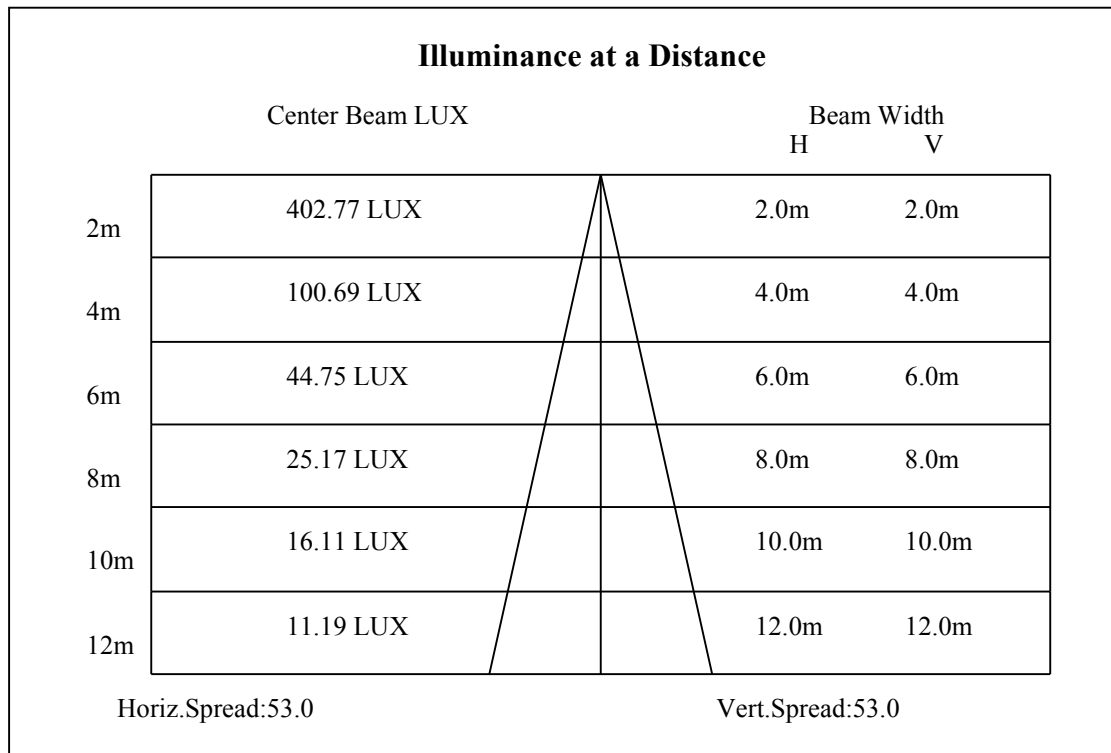
C90/C270: —————

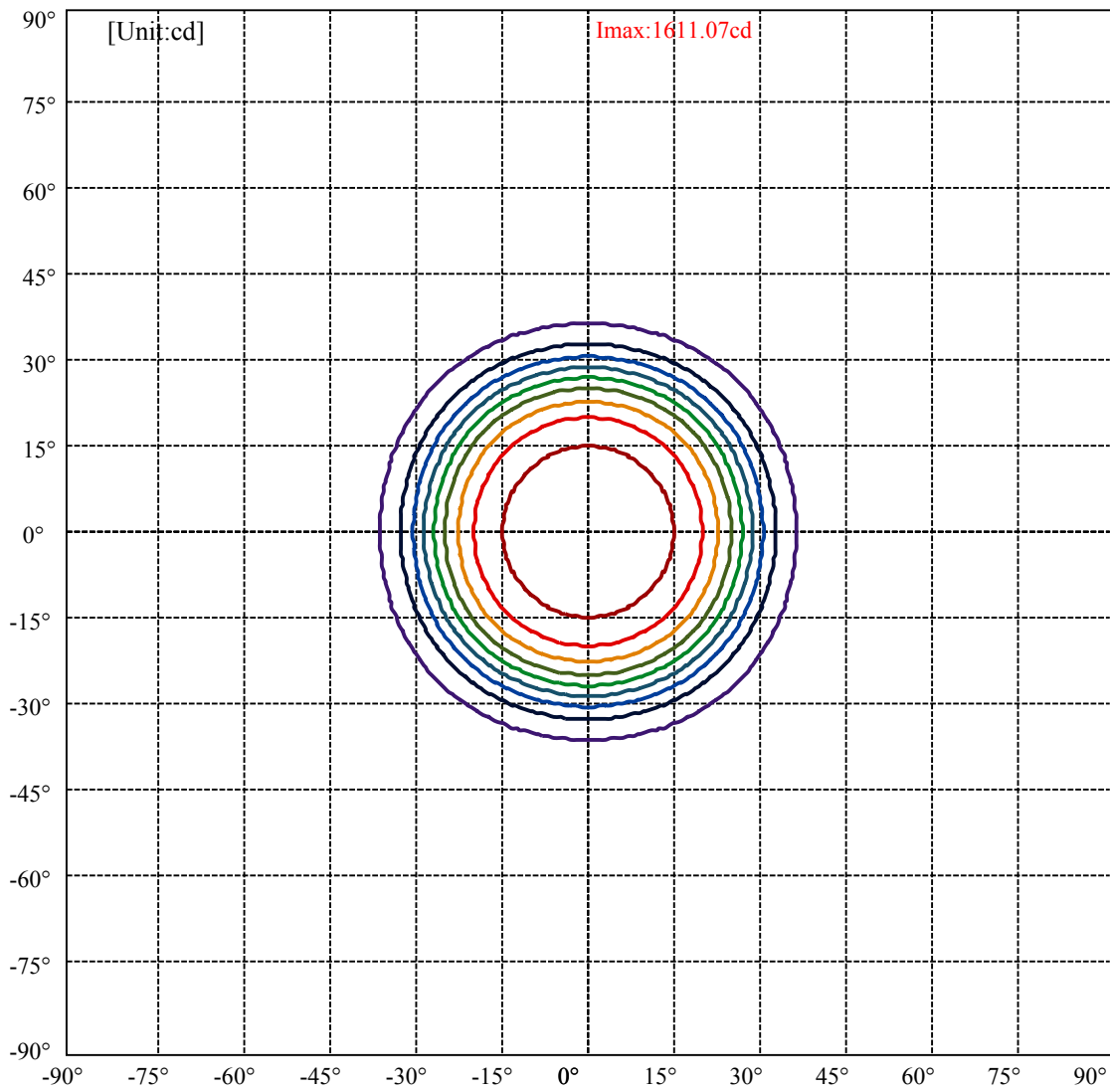
Field angle(10%Imax):C0/180Left:35.9 Right:35.9

:C90/270Left:35.9 Right:35.9

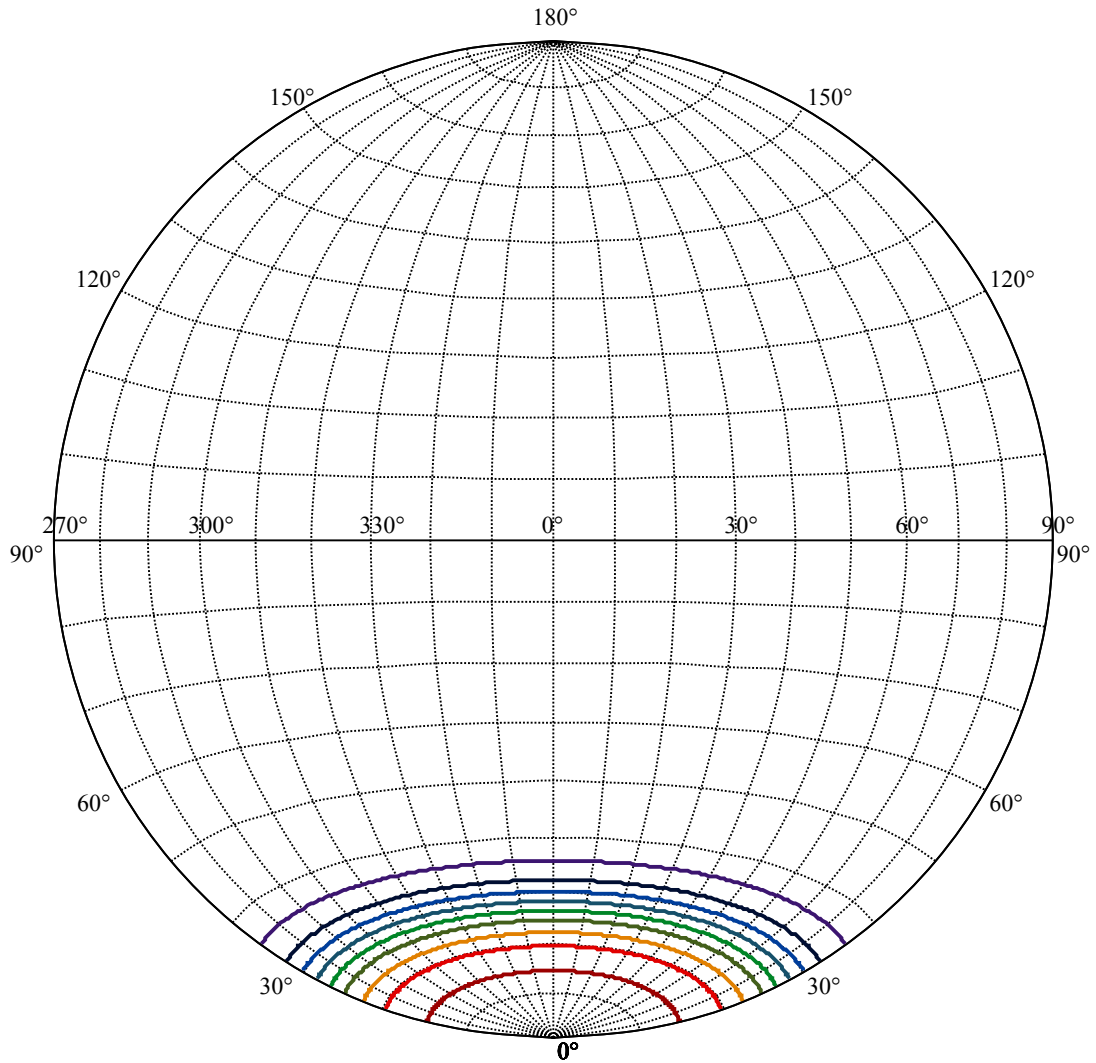
Beam Angle(50%Imax):C0/180Left:26.5 Right:26.5

:C90/270Left:26.5 Right:26.5





(10%Imax) 161.107	—
(20%Imax) 322.213	—
(30%Imax) 483.32	—
(40%Imax) 644.427	—
(50%Imax) 805.533	—
(60%Imax) 966.64	—
(70%Imax) 1127.75	—
(80%Imax) 1288.85	—
(90%Imax) 1449.96	—



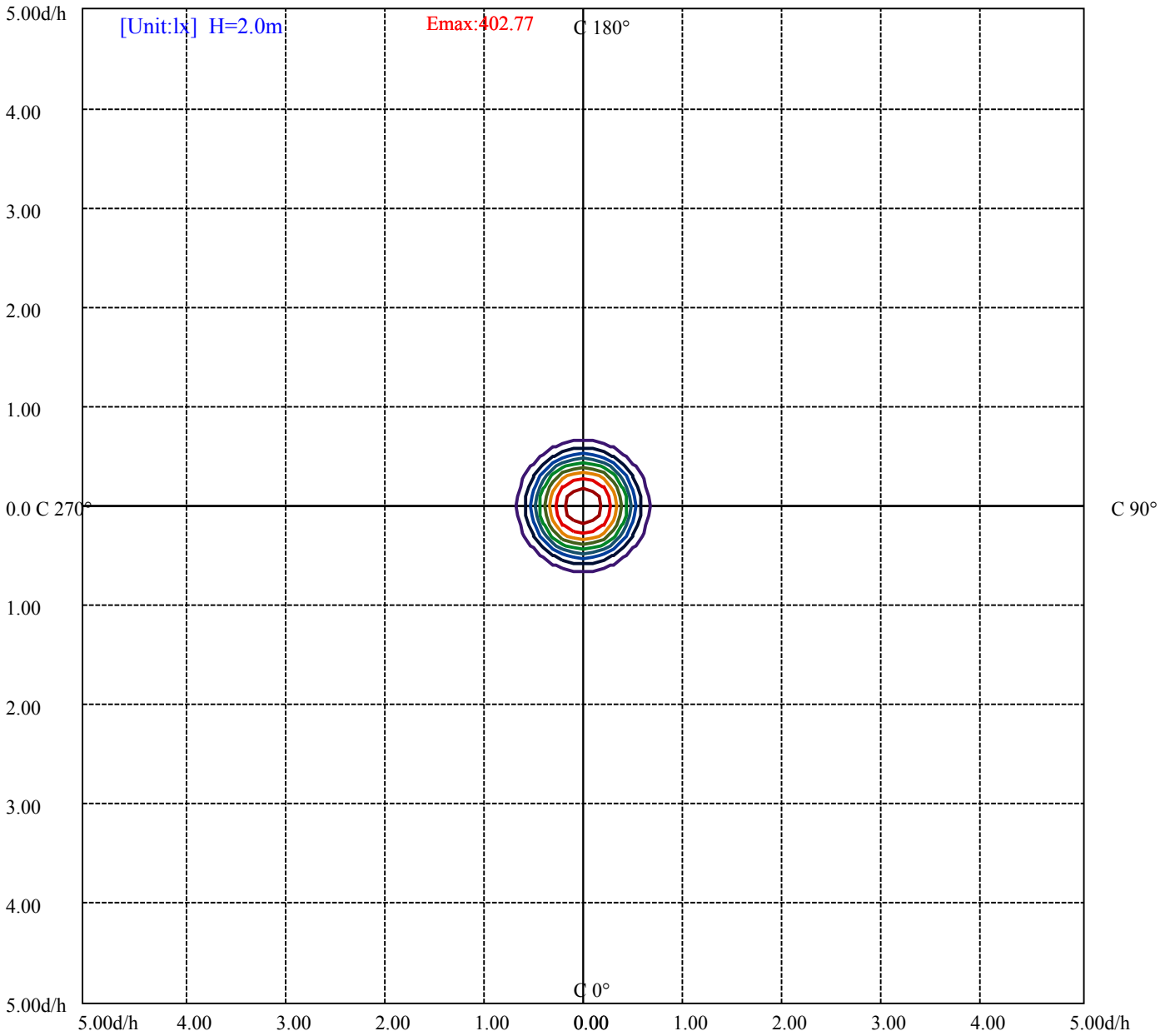
House

[Unit:cd]

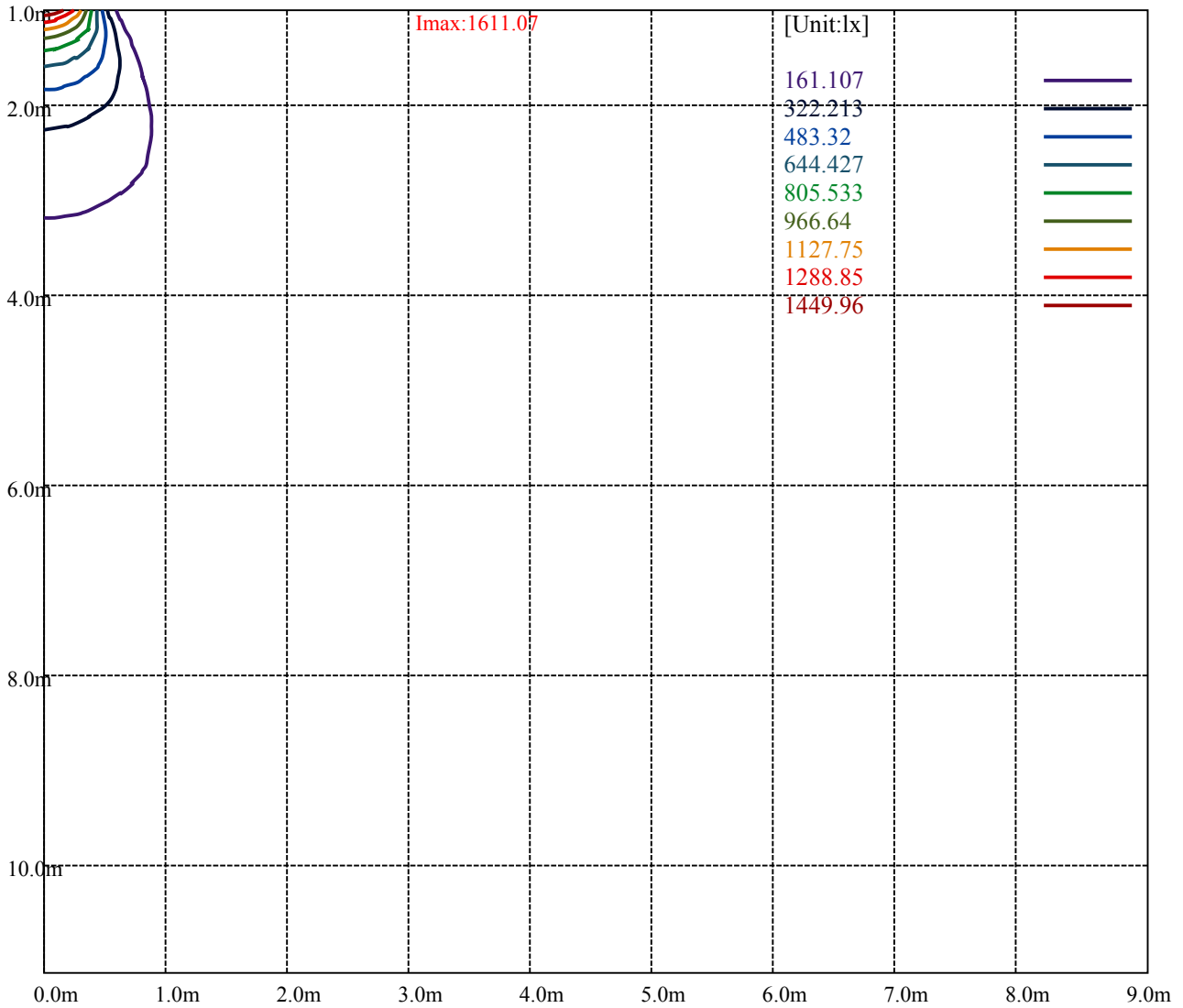
Road

I_{max}:1611.07

(10%I _{max})	161.107	—
(20%I _{max})	322.213	—
(30%I _{max})	483.32	—
(40%I _{max})	644.427	—
(50%I _{max})	805.533	—
(60%I _{max})	966.64	—
(70%I _{max})	1127.75	—
(80%I _{max})	1288.85	—
(90%I _{max})	1449.96	—



(10%Emax) 40.27675	—
(20%Emax) 80.55325	—
(30%Emax) 120.83	—
(40%Emax) 161.1065	—
(50%Emax) 201.3833	—
(60%Emax) 241.66	—
(70%Emax) 281.9375	—
(80%Emax) 322.2125	—
(90%Emax) 362.49	—



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

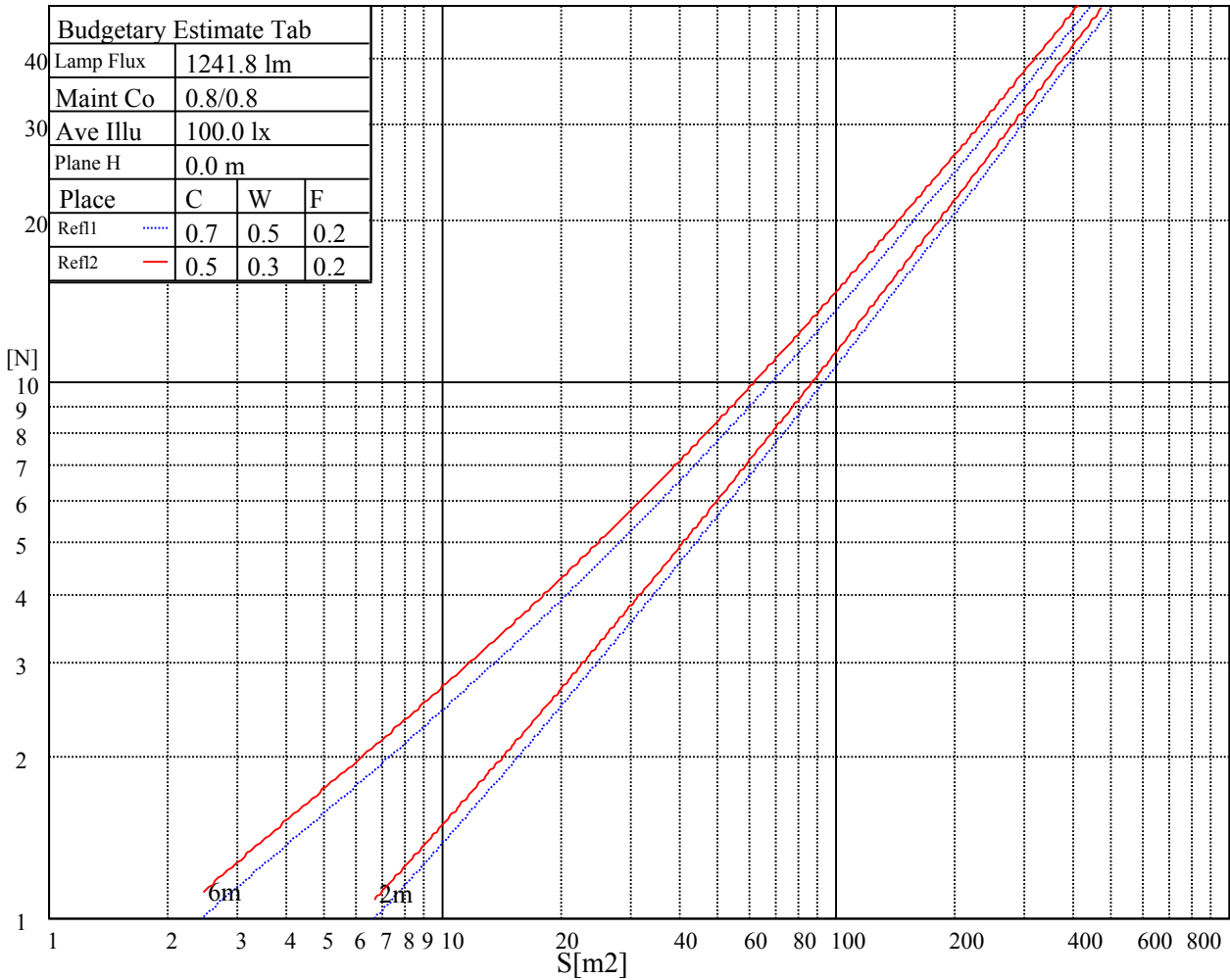
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

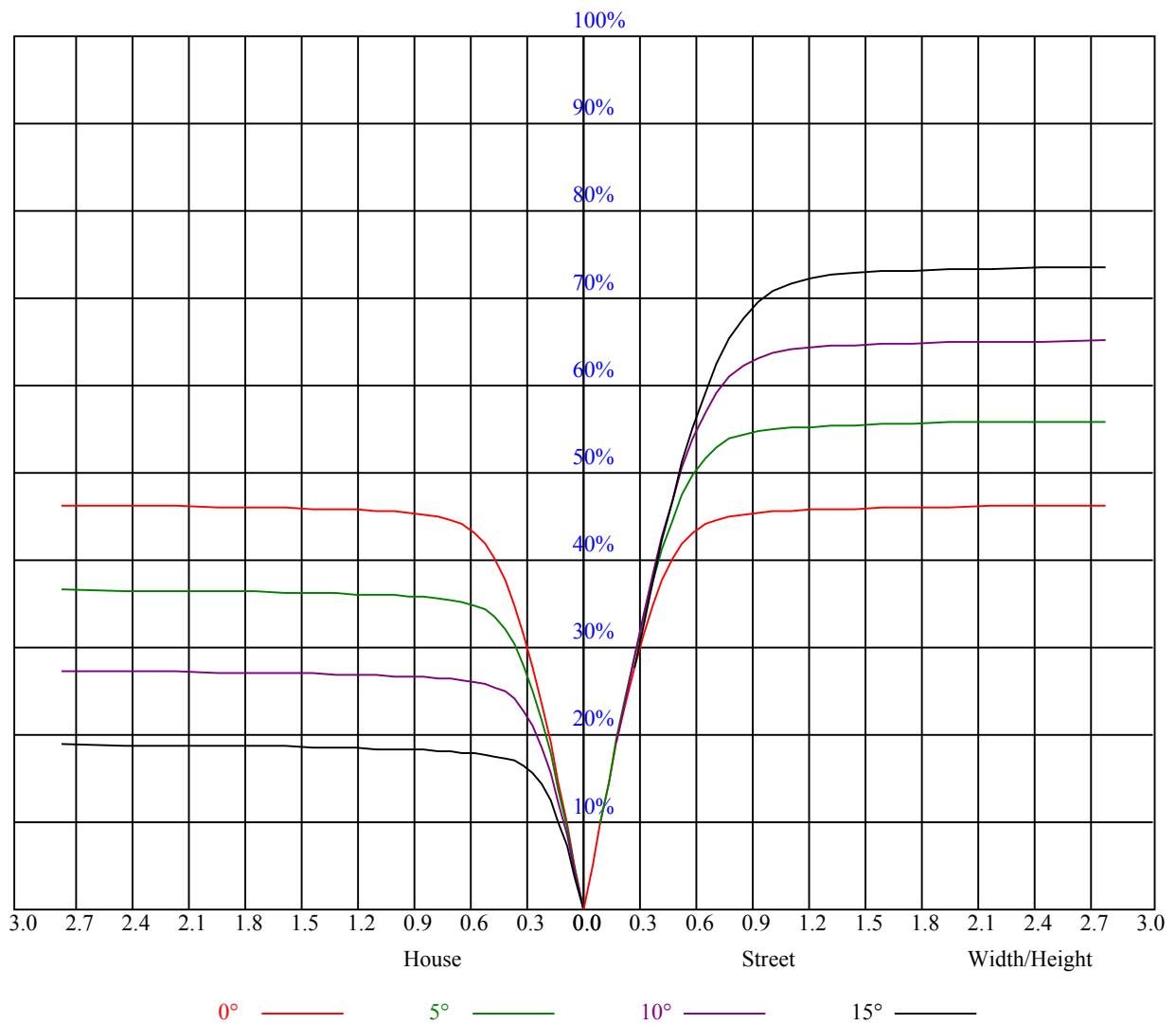


Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.11	1.11	1.11	1.08	1.08	1.08	1.04	1.04	1.04	0.99	0.99	0.99	0.95	0.95	0.95	0.93
1	1.03	1.01	0.99	1.01	0.99	0.97	0.98	0.96	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.87
2	0.97	0.93	0.90	0.95	0.92	0.89	0.92	0.89	0.87	0.89	0.87	0.85	0.87	0.85	0.83	0.82
3	0.91	0.86	0.83	0.89	0.85	0.82	0.87	0.84	0.81	0.85	0.82	0.80	0.83	0.80	0.78	0.77
4	0.85	0.81	0.77	0.84	0.80	0.76	0.82	0.79	0.76	0.81	0.77	0.75	0.79	0.76	0.74	0.73
5	0.81	0.76	0.72	0.80	0.75	0.72	0.78	0.74	0.71	0.77	0.73	0.70	0.75	0.72	0.70	0.68
6	0.76	0.71	0.67	0.76	0.71	0.67	0.74	0.70	0.67	0.73	0.69	0.66	0.72	0.68	0.66	0.65
7	0.72	0.67	0.64	0.72	0.67	0.63	0.71	0.66	0.63	0.70	0.66	0.63	0.69	0.65	0.62	0.61
8	0.69	0.64	0.60	0.68	0.63	0.60	0.67	0.63	0.60	0.66	0.62	0.59	0.65	0.62	0.59	0.58
9	0.65	0.60	0.57	0.65	0.60	0.57	0.64	0.60	0.57	0.63	0.59	0.56	0.63	0.59	0.56	0.55
10	0.62	0.57	0.54	0.62	0.57	0.54	0.61	0.57	0.54	0.61	0.56	0.54	0.60	0.56	0.53	0.52



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	1606.92	1592.52	1600.83	1604.15	1592.52	1585.88	1575.92	1564.29	1544.37
45.0	1619.65	1601.93	1586.99	1593.08	1592.52	1585.88	1575.92	1572.04	1555.44
90.0	1600.83	1589.76	1589.20	1590.31	1583.11	1578.68	1565.40	1548.24	1527.21
135.0	1616.88	1606.36	1595.84	1594.18	1595.84	1591.42	1583.67	1569.83	1558.20
180.0	1606.92	1621.31	1614.66	1603.04	1605.25	1609.13	1599.17	1590.31	1583.11
225.0	1619.65	1608.02	1599.17	1608.58	1614.11	1605.25	1603.59	1599.17	1584.77
270.0	1600.83	1621.31	1614.66	1600.27	1598.61	1600.83	1601.38	1599.72	1601.93
315.0	1616.88	1612.45	1595.29	1591.97	1600.83	1596.95	1594.18	1589.20	1580.35
360.0	1606.92	1592.52	1600.83	1604.15	1592.52	1585.88	1575.92	1564.29	1544.37
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	1523.33	1508.39	1495.10	1477.94	1454.14	1423.14	1398.79	1373.32	1336.79
45.0	1536.06	1517.80	1502.85	1484.58	1469.64	1447.50	1428.68	1413.18	1381.63
90.0	1509.49	1487.35	1469.08	1449.71	1436.43	1418.71	1399.89	1381.63	1355.61
135.0	1539.94	1520.56	1506.17	1484.58	1469.64	1451.37	1435.87	1409.86	1387.71
180.0	1573.70	1553.22	1536.06	1521.12	1508.94	1491.23	1471.30	1449.71	1426.46
225.0	1572.04	1555.99	1537.17	1519.46	1503.96	1481.82	1467.98	1449.71	1425.91
270.0	1592.52	1579.79	1565.95	1544.37	1531.63	1514.47	1491.78	1477.94	1461.89
315.0	1566.51	1548.79	1532.74	1513.37	1496.21	1482.92	1454.69	1430.89	1404.32
360.0	1523.33	1508.39	1495.10	1477.94	1454.14	1423.14	1398.79	1373.32	1336.79
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1304.13	1264.28	1103.75	1103.75	1068.99	994.76	917.04	817.96	733.71
45.0	1355.61	1321.29	1264.28	1215.01	1157.44	1095.45	1009.65	933.26	851.89
90.0	1322.40	1269.81	1181.25	1095.67	1080.83	1011.81	915.88	833.74	749.99
135.0	1363.36	1319.63	1278.67	1215.01	1153.02	1089.36	1017.40	916.10	833.07
180.0	1404.87	1373.32	1325.72	1286.97	1225.53	1162.43	1088.81	1020.17	922.19
225.0	1401.00	1365.57	1311.33	1260.40	1094.67	1094.67	1043.86	968.80	888.76
270.0	1443.62	1408.75	1371.66	1329.59	1282.54	1226.08	1146.37	1079.40	986.95
315.0	1366.13	1332.36	1294.72	1245.46	1092.85	1092.85	1039.04	961.60	862.85
360.0	1304.13	1264.28	1103.75	1103.75	1068.99	994.76	917.04	817.96	733.71
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	647.30	561.34	462.70	393.01	316.18	263.87	219.81	174.25	143.09
45.0	761.11	648.74	563.50	486.00	396.33	334.34	279.54	279.54	175.47
90.0	639.50	552.48	475.82	404.91	340.59	267.86	217.87	175.42	141.32
135.0	744.51	653.17	548.55	471.06	399.10	335.44	280.09	280.09	177.19
180.0	845.80	758.34	667.56	560.18	474.93	400.76	319.94	291.71	291.71
225.0	781.43	690.31	601.69	516.23	420.02	353.49	281.86	234.31	192.08
270.0	907.80	825.32	716.83	626.05	539.14	440.06	369.21	306.66	280.09
315.0	777.39	688.38	577.95	494.25	416.65	330.35	272.78	226.01	177.35
360.0	647.30	561.34	462.70	393.01	316.18	263.87	219.81	174.25	143.09
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	117.13	91.67	75.78	63.16	52.81	42.84	36.70	31.94	28.17
45.0	141.98	108.16	87.62	71.90	59.67	48.55	41.68	36.31	31.88
90.0	107.94	88.12	69.19	57.84	49.15	41.07	35.98	31.83	27.73
135.0	136.56	110.98	86.41	71.63	60.00	50.76	41.40	35.59	30.94
180.0	169.33	139.05	114.64	89.78	74.17	61.77	52.09	42.40	36.26
225.0	147.90	120.50	97.98	76.50	63.27	53.14	45.22	37.81	33.16
270.0	280.09	155.71	125.82	101.63	77.88	63.60	52.81	43.07	37.20
315.0	145.86	120.12	98.70	77.88	64.65	54.36	46.16	37.97	32.88
360.0	117.13	91.67	75.78	63.16	52.81	42.84	36.70	31.94	28.17

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	24.58	22.31	20.09	18.54	17.27	16.00	15.11	14.34	13.67
45.0	27.62	24.85	22.58	20.20	18.65	17.05	16.00	15.11	14.28
90.0	25.02	22.69	20.87	18.88	17.55	16.44	15.50	14.50	13.78
135.0	27.46	23.97	21.75	19.98	18.10	16.88	15.89	14.78	14.06
180.0	31.39	27.57	23.86	21.70	19.93	18.10	16.88	15.89	14.83
225.0	29.45	26.46	23.41	21.48	19.82	18.10	16.99	15.94	14.89
270.0	32.77	28.34	25.52	22.58	20.70	19.04	17.71	16.27	15.28
315.0	28.89	25.08	22.75	20.37	18.82	17.55	16.44	15.22	14.39
360.0	24.58	22.31	20.09	18.54	17.27	16.00	15.11	14.34	13.67
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	12.95	12.45	11.96	11.51	11.07	10.68	10.41	10.02	9.74
45.0	13.56	12.95	12.40	11.96	11.40	11.07	10.68	10.24	9.96
90.0	13.23	12.51	11.96	11.40	11.02	10.63	10.30	9.96	9.69
135.0	13.45	12.73	12.18	11.73	11.24	10.85	10.52	10.19	9.85
180.0	14.06	13.45	12.73	12.23	11.85	11.29	10.90	10.57	10.30
225.0	14.17	13.45	12.73	12.23	11.79	11.35	10.90	10.52	10.19
270.0	14.45	13.73	13.12	12.45	11.96	11.40	11.02	10.63	10.24
315.0	13.62	12.90	12.34	11.90	11.46	10.96	10.63	10.30	9.96
360.0	12.95	12.45	11.96	11.51	11.07	10.68	10.41	10.02	9.74
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	9.52	9.24	9.02	8.75	8.52	8.30	8.14	7.92	7.69
45.0	9.69	9.35	9.13	8.91	8.64	8.41	8.25	7.97	7.75
90.0	9.41	9.13	8.91	8.64	8.47	8.25	7.97	7.80	7.58
135.0	9.63	9.41	9.13	8.80	8.64	8.36	8.19	7.97	7.75
180.0	9.96	9.69	9.47	9.13	8.97	8.75	8.47	8.25	8.08
225.0	9.91	9.52	9.30	9.02	8.80	8.58	8.36	8.14	7.92
270.0	9.96	9.69	9.35	9.13	8.86	8.69	8.36	8.14	8.03
315.0	9.69	9.47	9.19	8.97	8.69	8.52	8.25	8.08	7.86
360.0	9.52	9.24	9.02	8.75	8.52	8.30	8.14	7.92	7.69
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	7.53	7.25	7.09	6.86	6.75	6.53	6.31	6.20	5.98
45.0	7.58	7.42	7.20	7.03	6.81	6.64	6.48	6.25	6.09
90.0	7.36	7.20	6.97	6.81	6.64	6.42	6.25	6.09	5.92
135.0	7.58	7.42	7.20	6.97	6.81	6.64	6.48	6.20	6.09
180.0	7.86	7.69	7.47	7.31	7.14	6.92	6.75	6.53	6.37
225.0	7.75	7.53	7.31	7.14	6.97	6.75	6.53	6.42	6.20
270.0	7.80	7.58	7.42	7.25	6.92	6.81	6.53	6.42	6.25
315.0	7.64	7.47	7.25	7.09	6.86	6.70	6.53	6.31	6.14
360.0	7.53	7.25	7.09	6.86	6.75	6.53	6.31	6.20	5.98
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	5.87	5.76	5.59	5.42	5.31	5.20	5.15	4.98	4.98
45.0	5.98	5.81	5.59	5.54	5.37	5.26	5.09	5.04	4.98
90.0	5.81	5.65	5.48	5.31	5.20	5.15	5.04	4.93	4.87
135.0	5.92	5.76	5.59	5.48	5.26	5.20	5.04	4.93	4.87
180.0	6.20	6.03	5.87	5.70	5.54	5.48	5.31	5.15	5.09
225.0	6.03	5.87	5.70	5.59	5.42	5.37	5.20	5.09	4.98
270.0	6.03	5.92	5.76	5.70	5.48	5.31	5.20	5.15	5.04
315.0	5.98	5.81	5.70	5.54	5.37	5.26	5.15	5.04	4.93
360.0	5.87	5.76	5.59	5.42	5.31	5.20	5.15	4.98	4.98

Intensity data(cd)

C/γ(°)	90.0
0.0	5.04
45.0	4.93
90.0	4.87
135.0	4.82
180.0	4.98
225.0	4.87
270.0	4.93
315.0	4.93
360.0	5.04