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NT

Client:

LumCAT: 3-2805-L

Luminaire: 92.70.412.00

Report No: 2024326-B028

Ballast type: AC

Test No: 2024326-C028

Voltage(V): 34.450

LampCAT: Fortimo_SLM_C_1210

Current(A): 0.720

Lamp flux(lm): 4230.0

Power (W): 24.804

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 3668.00, Efficiency(%): 86.71% , Luminous Efficacy(lm/W): 147.88

Central intensity(cd): 16569.770, Maximum intensity(cd): 16569.770

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=17.6

[C90/270]Total=17.6

Field angle(10%Imax): [C0/180]Total=52.6

[C90/270]Total=52.6

Maximum s/h(1/2): C0_180=0.30 C90_270=0.30

Maximum s/h(1/4): C0_180=0.37 C90_270=0.37

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 86.71%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.770%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/26
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	16569.768	0.000	0	0.00%	0.00%
1.0	16370.060	15.761	15.761	0.37%	0.43%
2.0	15896.759	46.312	62.073	1.09%	1.69%
3.0	15111.826	74.162	136.236	1.75%	3.71%
4.0	13424.132	95.519	231.755	2.26%	6.32%
5.0	12552.667	111.751	343.506	2.64%	9.36%
6.0	11612.210	126.993	470.499	3.00%	12.83%
7.0	10353.537	136.341	606.84	3.22%	16.54%
8.0	9127.345	139.421	746.261	3.30%	20.35%
9.0	8027.341	139.029	885.29	3.29%	24.14%
10.0	7190.981	137.720	1023.01	3.26%	27.89%
11.0	6481.835	136.620	1159.63	3.23%	31.61%
12.0	5902.535	135.379	1295.009	3.20%	35.31%
13.0	5335.233	133.364	1428.373	3.15%	38.94%
14.0	4892.657	130.916	1559.289	3.09%	42.51%
15.0	4482.121	128.701	1687.99	3.04%	46.02%
16.0	4133.473	126.243	1814.232	2.98%	49.46%
17.0	3760.100	122.924	1937.157	2.91%	52.81%
18.0	3459.879	119.042	2056.198	2.81%	56.06%
19.0	3210.939	116.059	2172.257	2.74%	59.22%
20.0	2965.291	113.042	2285.299	2.67%	62.30%
21.0	2804.793	110.797	2396.096	2.62%	65.32%
22.0	2633.776	109.290	2505.387	2.58%	68.30%
23.0	2314.916	103.837	2609.224	2.45%	71.13%
24.0	2107.234	96.684	2705.908	2.29%	73.77%
25.0	1885.800	90.793	2796.701	2.15%	76.25%
26.0	1695.090	84.527	2881.228	2.00%	78.55%
27.0	1557.196	79.568	2960.796	1.88%	80.72%
28.0	1323.955	72.945	3033.74	1.72%	82.71%
29.0	1261.921	67.654	3101.394	1.60%	84.55%
30.0	1135.161	64.721	3166.115	1.53%	86.32%
31.0	981.591	58.906	3225.021	1.39%	87.92%
32.0	833.785	52.008	3277.029	1.23%	89.34%
33.0	687.844	44.828	3321.857	1.06%	90.56%
34.0	523.308	36.653	3358.51	0.87%	91.56%
35.0	398.714	28.635	3387.145	0.68%	92.34%
36.0	288.516	21.882	3409.026	0.52%	92.94%
37.0	234.829	17.069	3426.095	0.40%	93.40%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	191.083	14.216	3440.311	0.34%	93.79%
39.0	134.529	11.114	3451.425	0.26%	94.10%
40.0	126.248	9.095	3460.52	0.22%	94.34%
41.0	119.057	8.735	3469.256	0.21%	94.58%
42.0	111.376	8.372	3477.628	0.20%	94.81%
43.0	104.090	7.981	3485.609	0.19%	95.03%
44.0	97.345	7.603	3493.212	0.18%	95.23%
45.0	91.573	7.260	3500.472	0.17%	95.43%
46.0	85.604	6.929	3507.401	0.16%	95.62%
47.0	80.673	6.613	3514.014	0.16%	95.80%
48.0	76.386	6.349	3520.363	0.15%	95.98%
49.0	72.802	6.127	3526.49	0.14%	96.14%
50.0	69.188	5.920	3532.41	0.14%	96.30%
51.0	66.204	5.728	3538.138	0.14%	96.46%
52.0	64.097	5.591	3543.73	0.13%	96.61%
53.0	62.385	5.502	3549.231	0.13%	96.76%
54.0	61.097	5.443	3554.674	0.13%	96.91%
55.0	60.029	5.407	3560.081	0.13%	97.06%
56.0	59.078	5.382	3565.463	0.13%	97.20%
57.0	57.996	5.353	3570.816	0.13%	97.35%
58.0	56.233	5.282	3576.098	0.12%	97.49%
59.0	53.885	5.148	3581.246	0.12%	97.63%
60.0	50.907	4.951	3586.197	0.12%	97.77%
61.0	47.228	4.683	3590.88	0.11%	97.90%
62.0	43.607	4.377	3595.257	0.10%	98.02%
63.0	39.159	4.025	3599.283	0.10%	98.13%
64.0	35.691	3.673	3602.955	0.09%	98.23%
65.0	32.831	3.391	3606.347	0.08%	98.32%
66.0	30.388	3.154	3609.501	0.07%	98.41%
67.0	28.669	2.970	3612.47	0.07%	98.49%
68.0	27.886	2.865	3615.335	0.07%	98.56%
69.0	27.725	2.837	3618.172	0.07%	98.64%
70.0	27.857	2.855	3621.027	0.07%	98.72%
71.0	27.754	2.874	3623.901	0.07%	98.80%
72.0	27.535	2.875	3626.776	0.07%	98.88%
73.0	27.279	2.866	3629.642	0.07%	98.95%
74.0	26.913	2.849	3632.491	0.07%	99.03%
75.0	26.511	2.823	3635.314	0.07%	99.11%

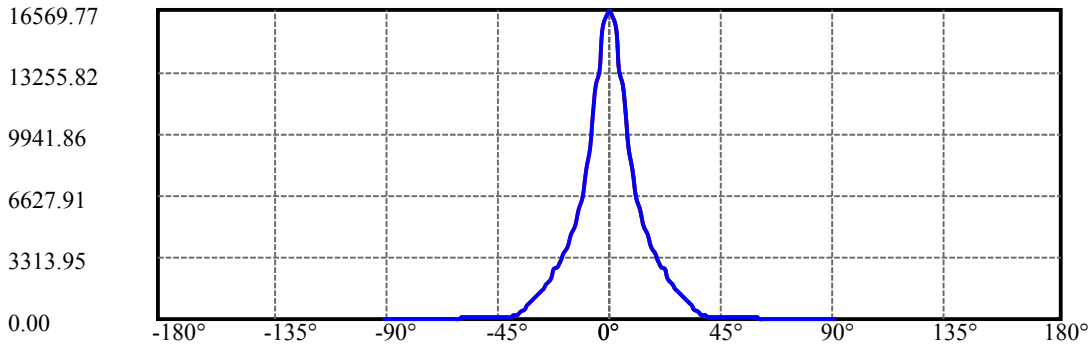
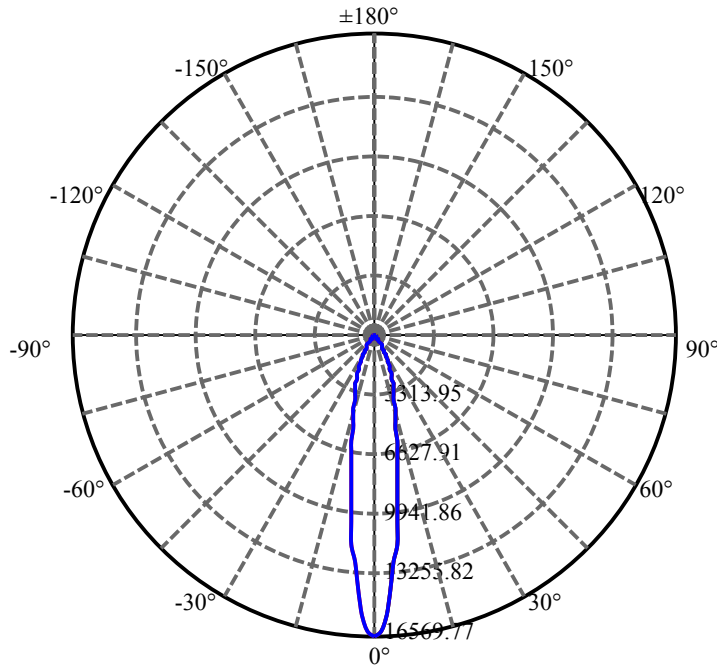
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	25.969	2.786	3638.1	0.07%	99.18%
77.0	25.413	2.739	3640.839	0.06%	99.26%
78.0	24.814	2.689	3643.528	0.06%	99.33%
79.0	24.075	2.627	3646.155	0.06%	99.40%
80.0	23.138	2.545	3648.7	0.06%	99.47%
81.0	21.792	2.430	3651.13	0.06%	99.54%
82.0	19.678	2.249	3653.379	0.05%	99.60%
83.0	18.274	2.063	3655.442	0.05%	99.66%
84.0	17.506	1.949	3657.391	0.05%	99.71%
85.0	16.964	1.881	3659.272	0.04%	99.76%
86.0	16.364	1.822	3661.094	0.04%	99.81%
87.0	15.969	1.770	3662.864	0.04%	99.86%
88.0	15.691	1.734	3664.598	0.04%	99.91%
89.0	15.450	1.707	3666.305	0.04%	99.95%
90.0	15.465	1.695	3668	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	3166.11	74.85%	86.32%
0-40	3460.52	81.81%	94.34%
0-60	3586.20	84.78%	97.77%
0-90	3666.30	86.67%	99.95%
0-120	3666.30	86.67%	99.95%
0-180	3668.00	86.71%	100.00%
60-90	80.11	1.89%	2.18%
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%
0-26.67	2934.40	69.37%	80.00%

ZONAL LUMEN SUMMARY

0-10	1023.01
10-20	1262.29
20-30	880.82
30-40	294.41
40-50	71.89
50-60	53.79
60-70	34.83
70-80	27.67
80-90	17.60
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: —————

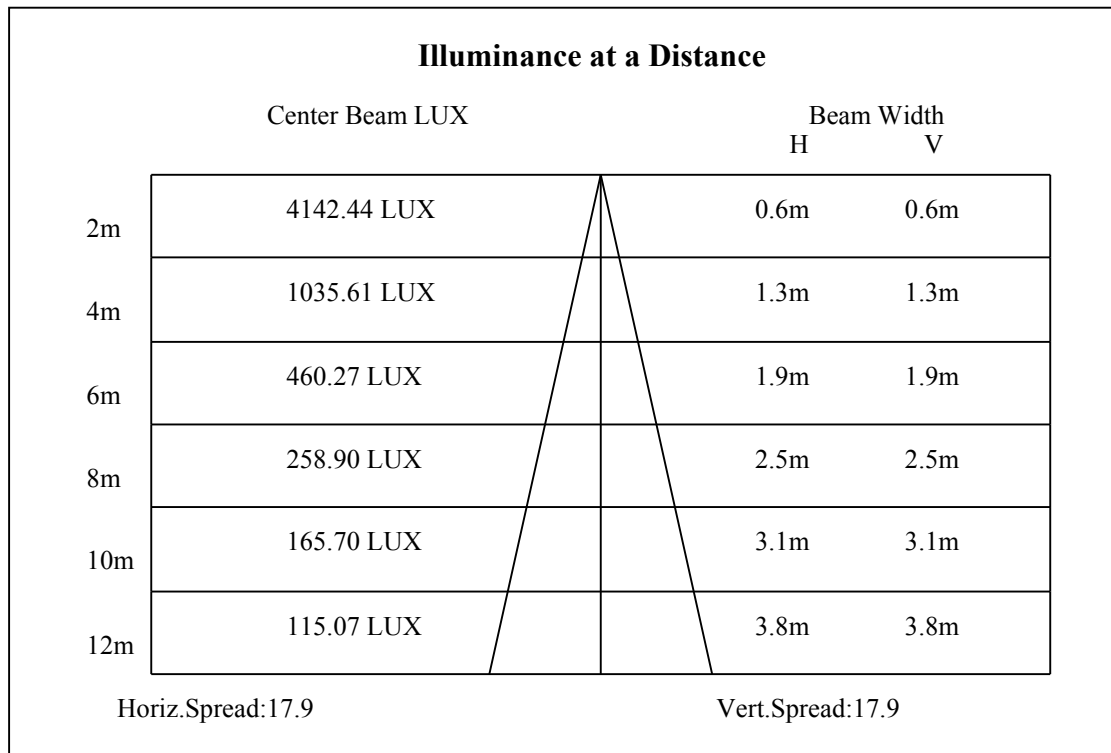
C90/C270: —————

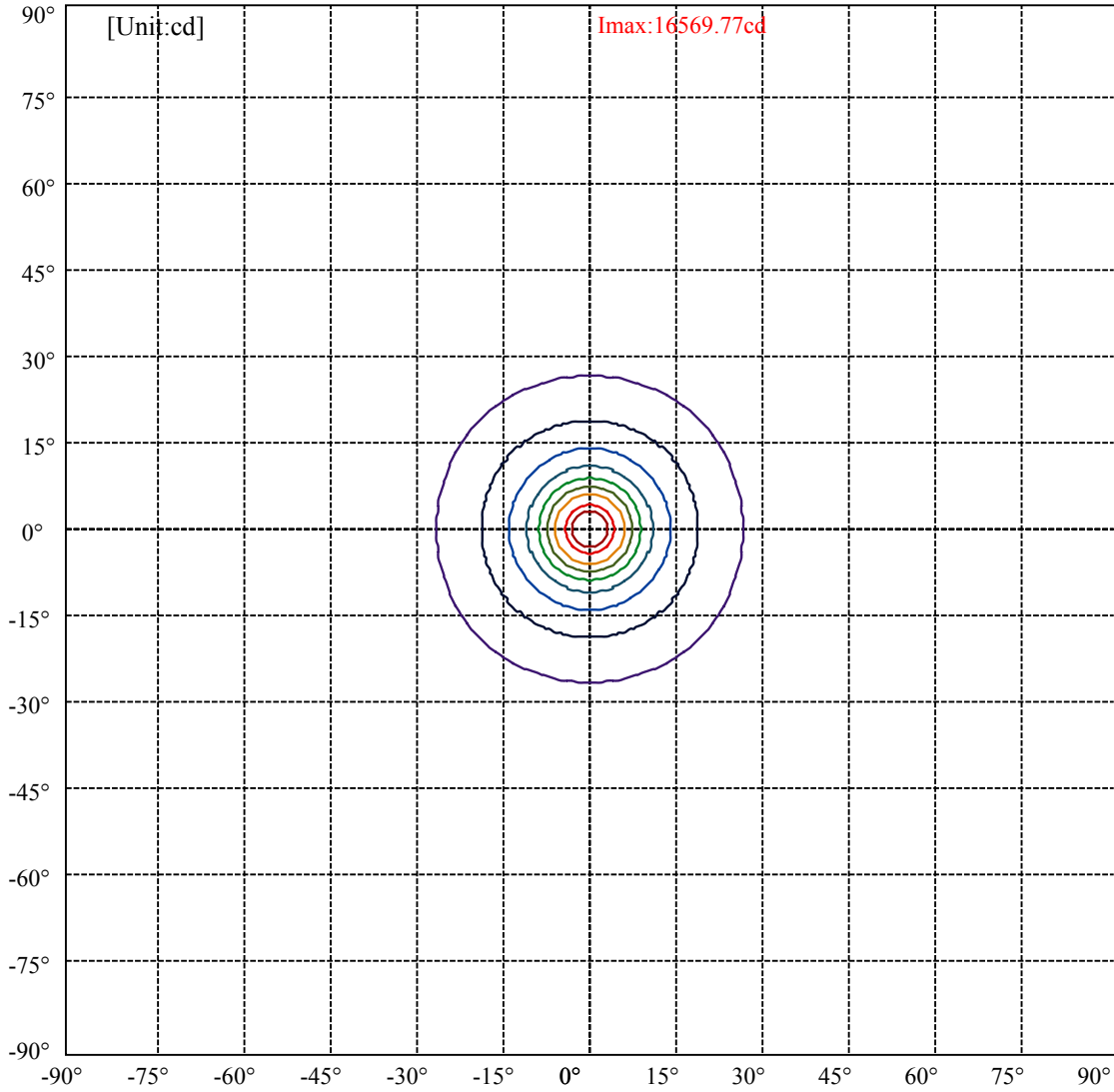
Field angle(10%Imax):C0/180Left:26.3 Right:26.3

:C90/270Left:26.3 Right:26.3

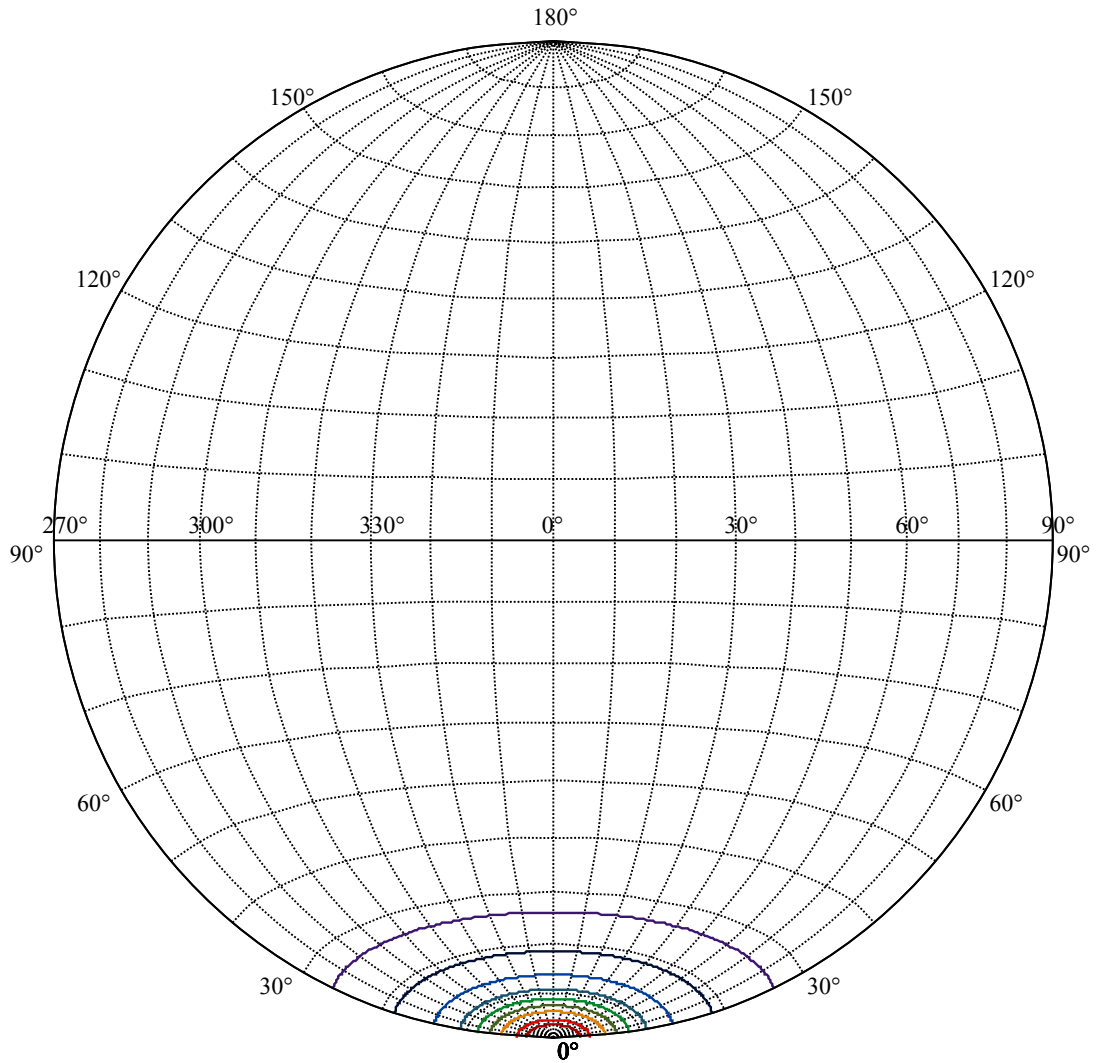
Beam Angle(50%Imax):C0/180Left:8.8 Right:8.8

:C90/270Left:8.8 Right:8.8





(10%Imax) 1656.98	—
(20%Imax) 3313.95	—
(30%Imax) 4970.93	—
(40%Imax) 6627.91	—
(50%Imax) 8284.88	—
(60%Imax) 9941.86	—
(70%Imax) 11598.8	—
(80%Imax) 13255.8	—
(90%Imax) 14912.8	—



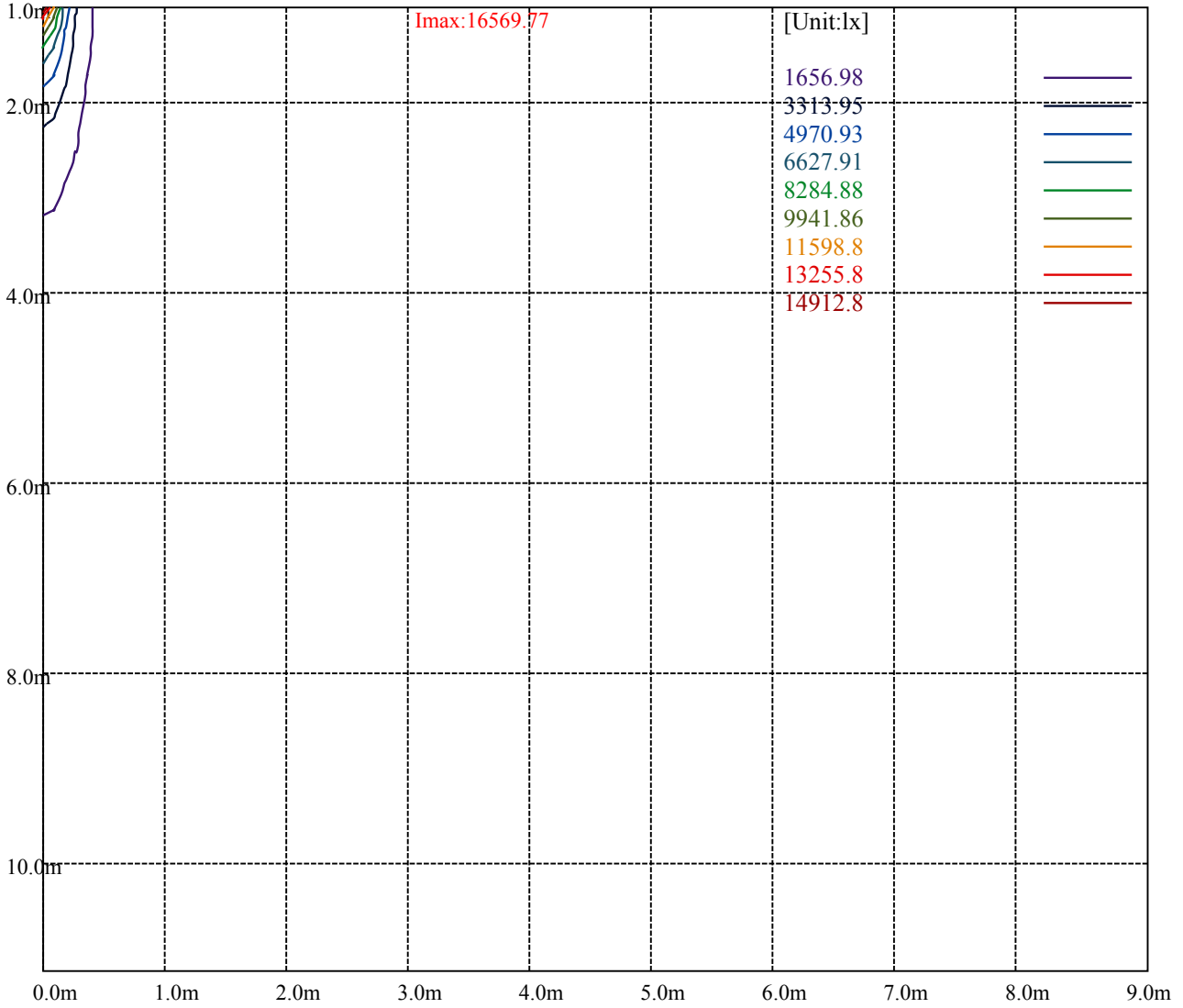
House

[Unit:cd]

Road

Imax:16569.77

(10%Imax)	1656.98	—
(20%Imax)	3313.95	—
(30%Imax)	4970.93	—
(40%Imax)	6627.91	—
(50%Imax)	8284.88	—
(60%Imax)	9941.86	—
(70%Imax)	11598.8	—
(80%Imax)	13255.8	—
(90%Imax)	14912.8	—



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

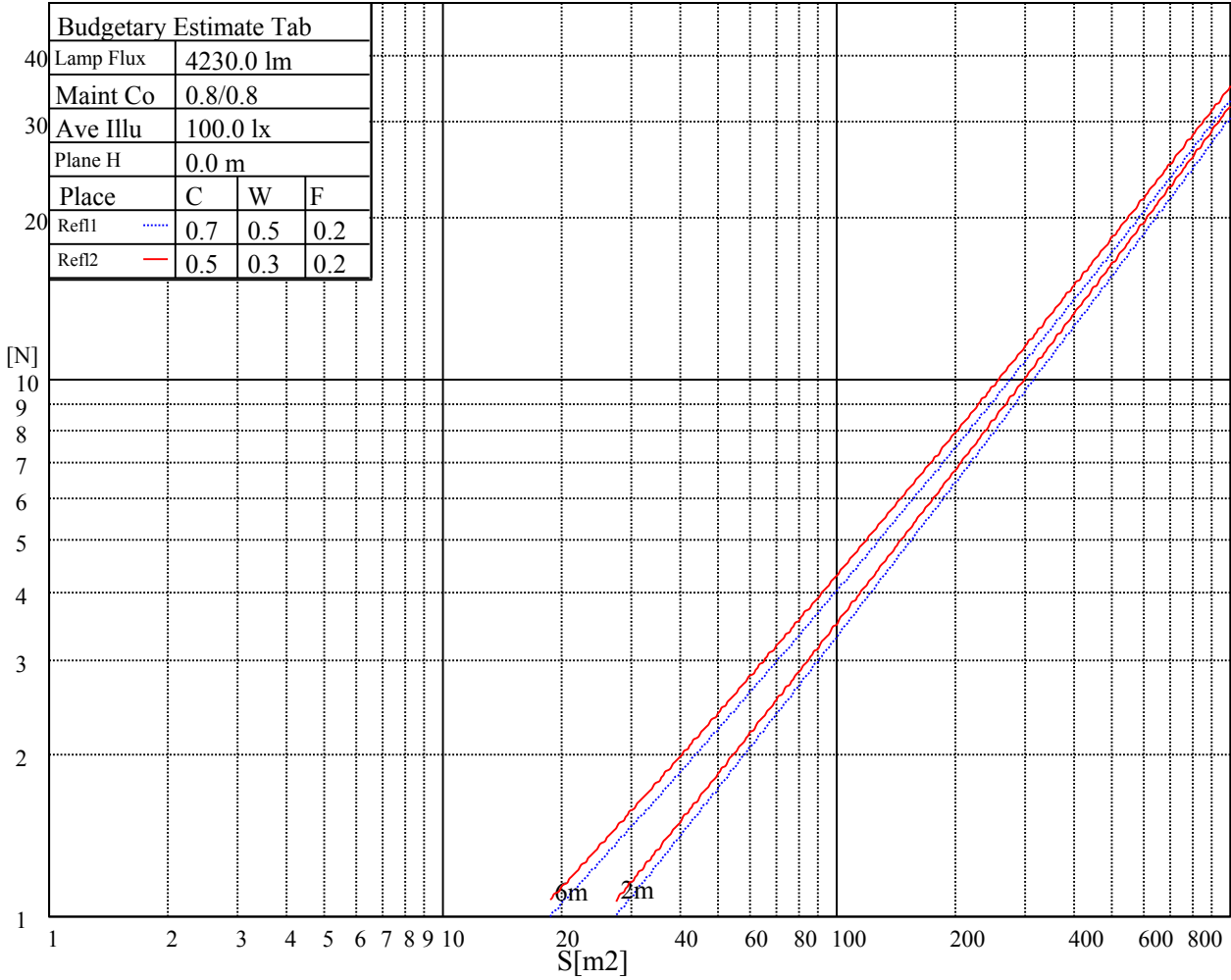
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

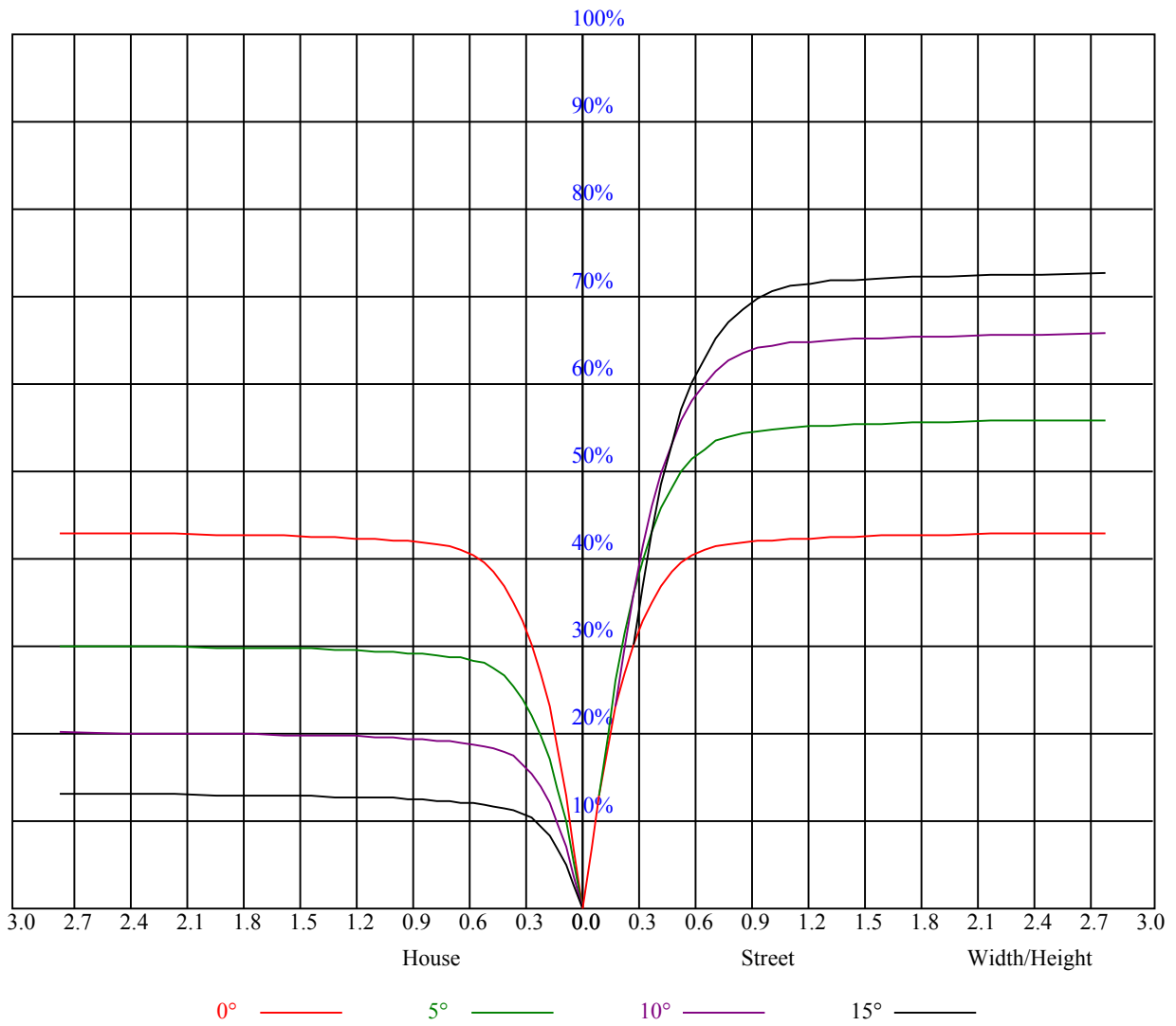


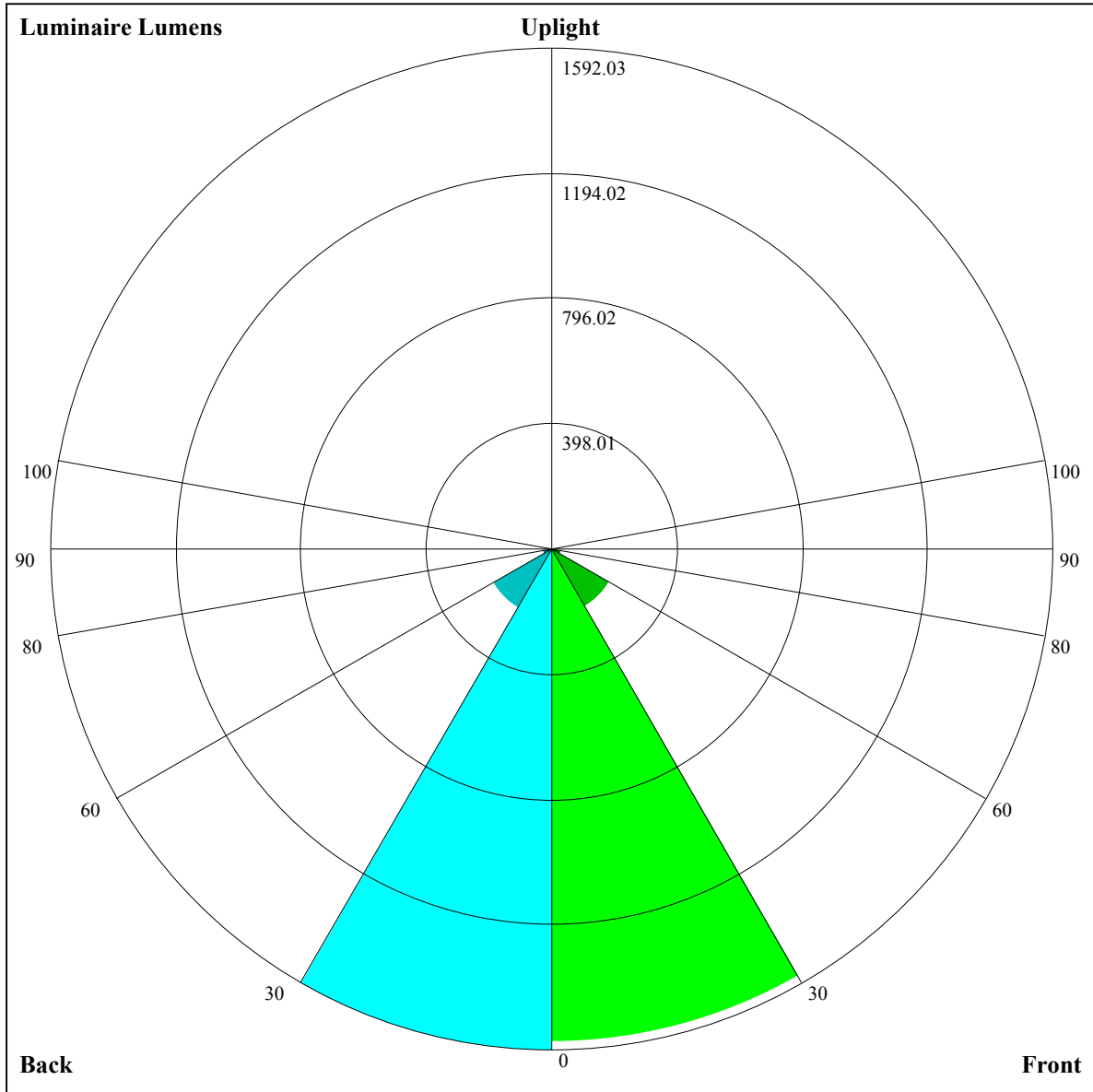
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	3H	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.96	0.96	0.96	0.92	0.92	0.92	0.88	0.88	0.88	0.87
1	0.97	0.95	0.93	0.95	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.82
2	0.91	0.88	0.85	0.90	0.87	0.85	0.87	0.85	0.83	0.84	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	0.75	0.74
4	0.82	0.78	0.75	0.81	0.77	0.75	0.79	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	0.69	0.73	0.71	0.69	0.68
6	0.75	0.71	0.68	0.74	0.70	0.67	0.73	0.70	0.67	0.72	0.69	0.66	0.71	0.68	0.66	0.65
7	0.72	0.68	0.65	0.71	0.67	0.64	0.70	0.67	0.64	0.69	0.66	0.64	0.68	0.66	0.63	0.62
8	0.69	0.65	0.62	0.69	0.65	0.62	0.68	0.64	0.62	0.67	0.64	0.61	0.66	0.63	0.61	0.60
9	0.67	0.62	0.60	0.66	0.62	0.59	0.65	0.62	0.59	0.65	0.61	0.59	0.64	0.61	0.59	0.58
10	0.64	0.60	0.57	0.64	0.60	0.57	0.63	0.60	0.57	0.63	0.59	0.57	0.62	0.59	0.57	0.56





Luminaire Lumens:

FL=1568.72,FM=208.96,FH=32.55,FVH=9.87

BL=1592.03,BM=216.28,BH=31.17,BVH=9.56

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	16582.94	16307.88	15740.21	14704.36	11608.00	11608.00	11012.82	9833.59	8750.34
45.0	16553.67	16612.20	16424.92	15921.63	14926.75	13914.31	12808.23	11626.08	10157.17
90.0	16635.61	16360.55	15804.59	14996.98	14019.65	11437.11	11437.11	10255.54	8863.29
135.0	16506.86	16618.05	16430.78	15757.77	14909.19	13902.61	12515.62	11345.17	9882.11
180.0	16582.94	16536.12	16167.43	15511.97	14628.28	13346.64	12205.45	11005.74	9829.44
225.0	16553.67	16050.38	15318.85	14394.19	11539.53	11539.53	10638.28	9173.46	8126.49
270.0	16635.61	16524.41	16097.20	15371.52	14142.55	13054.03	11883.58	10350.29	9209.10
315.0	16506.86	15950.89	15190.10	14236.18	11619.12	11619.12	10396.58	9238.42	8200.82
360.0	16582.94	16307.88	15740.21	14704.36	11608.00	11608.00	11012.82	9833.59	8750.34
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	7607.98	6861.24	6236.22	5713.61	5135.41	4728.68	4360.57	4020.55	3642.50
45.0	9056.94	8091.32	7114.00	6458.54	5785.53	5305.65	4866.73	4474.63	4029.86
90.0	7903.52	7119.32	6316.39	5774.47	5298.10	4763.20	4383.39	4036.36	3723.85
135.0	8799.44	7851.38	7078.88	6435.13	5762.13	5299.80	4872.58	4474.63	4041.56
180.0	8477.57	7558.77	6821.38	6054.74	5557.30	5094.97	4585.82	4228.84	3830.88
225.0	7270.31	6425.24	5869.28	5393.49	4862.69	4477.61	4131.75	3825.67	3480.98
270.0	7956.72	7137.40	6476.10	5925.99	5346.62	4919.40	4539.01	4199.57	3807.47
315.0	7146.24	6483.18	5942.43	5464.30	4934.09	4551.94	4117.12	3807.53	3523.70
360.0	7607.98	6861.24	6236.22	5713.61	5135.41	4728.68	4360.57	4020.55	3642.50
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	3378.56	3138.03	2871.17	2670.44	2468.54	2209.87	1998.60	1796.11	1614.69
45.0	3719.69	3444.63	3187.14	2964.75	2964.75	2512.43	2316.96	2065.32	1860.49
90.0	3389.10	3149.15	2932.04	2727.79	2480.83	2280.68	2074.10	1822.45	1659.76
135.0	3725.54	3456.34	3146.17	2982.31	2982.31	2489.02	2288.87	2037.23	1835.32
180.0	3532.42	3263.21	3040.83	2988.16	2757.05	2390.70	2197.58	1948.86	1756.32
225.0	3225.82	2999.34	2789.24	2545.79	2355.00	2116.82	1919.60	1730.57	1559.68
270.0	3503.16	3257.36	2988.16	2988.16	2734.81	2388.95	2130.28	1935.40	1699.55
315.0	3204.75	2979.44	2767.59	2570.95	2326.91	2130.86	1931.89	1750.47	1574.90
360.0	3378.56	3138.03	2871.17	2670.44	2468.54	2209.87	1998.60	1796.11	1614.69
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1506.43	1133.17	1133.17	1059.67	915.58	775.19	640.00	476.37	355.41
45.0	1690.77	1533.35	1422.16	1253.61	1110.82	967.44	824.64	653.17	519.15
90.0	1508.77	1164.95	1164.95	1130.89	953.68	807.67	662.71	488.14	361.32
135.0	1669.71	1545.64	1442.05	1285.21	1147.10	1005.48	860.92	678.92	537.88
180.0	1608.84	1474.83	1351.34	1207.96	1024.20	878.48	737.44	568.31	441.90
225.0	1453.17	1143.30	1143.30	997.63	850.80	708.71	571.30	414.87	304.73
270.0	1559.10	1450.83	1292.82	1148.27	999.62	860.34	678.33	533.20	398.01
315.0	1460.78	1145.58	1145.58	998.04	850.92	666.98	527.40	373.49	271.31
360.0	1506.43	1133.17	1133.17	1059.67	915.58	775.19	640.00	476.37	355.41
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	251.41	166.56	144.96	133.43	126.35	118.80	109.91	103.06	96.56
45.0	393.91	307.89	307.89	137.76	128.63	121.38	113.65	107.33	100.13
90.0	255.92	179.31	138.70	129.51	122.37	116.23	108.21	101.89	94.16
135.0	373.43	314.91	314.91	140.57	128.81	122.19	114.47	108.15	101.42
180.0	326.03	299.69	192.01	135.13	126.58	120.21	111.49	105.11	98.49
225.0	213.43	155.90	135.42	126.76	120.15	112.25	105.87	97.44	91.41
270.0	298.52	298.52	151.57	140.63	131.91	123.89	117.05	108.09	101.24
315.0	195.47	155.85	143.20	132.44	125.18	117.51	110.37	101.65	95.33
360.0	251.41	166.56	144.96	133.43	126.35	118.80	109.91	103.06	96.56

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	90.94	84.33	80.12	76.08	72.33	67.94	65.08	63.32	61.62
45.0	94.05	88.72	82.63	78.77	75.20	70.70	67.89	64.96	63.26
90.0	89.13	84.10	78.83	74.97	71.46	68.71	65.84	64.14	62.79
135.0	95.16	88.90	84.10	79.47	75.14	70.52	68.00	65.90	63.50
180.0	92.00	85.44	80.41	75.55	72.04	69.00	65.14	62.62	61.10
225.0	85.97	81.00	76.37	72.80	69.70	66.60	63.15	61.80	60.40
270.0	95.45	88.60	83.80	79.65	75.85	71.87	69.12	66.77	64.84
315.0	89.89	83.75	79.12	73.80	70.70	68.18	65.43	63.26	61.57
360.0	90.94	84.33	80.12	76.08	72.33	67.94	65.08	63.32	61.62
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	60.80	59.81	58.52	57.18	55.30	53.02	49.28	45.82	43.01
45.0	61.92	61.04	60.34	59.40	57.94	56.42	54.66	50.68	46.76
90.0	61.68	60.86	60.28	59.28	56.77	54.66	51.21	46.82	43.25
135.0	61.92	60.57	59.87	59.34	58.82	55.77	53.78	50.21	46.70
180.0	59.93	58.82	57.64	56.53	55.30	52.90	51.32	47.34	43.60
225.0	59.40	57.88	56.47	55.25	53.14	51.27	46.41	43.54	39.85
270.0	62.74	61.68	60.86	59.63	57.82	55.07	52.44	48.11	45.71
315.0	60.40	59.58	58.64	57.35	54.78	51.97	48.16	45.30	39.97
360.0	60.80	59.81	58.52	57.18	55.30	53.02	49.28	45.82	43.01
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	37.45	35.29	31.84	29.90	28.03	26.92	26.22	25.98	26.28
45.0	43.19	38.62	36.28	32.89	30.67	29.32	29.14	29.96	31.66
90.0	38.57	35.17	31.78	30.02	29.20	30.37	32.13	33.47	33.30
135.0	42.14	37.75	35.35	31.66	29.38	27.62	26.45	25.40	24.64
180.0	39.80	35.82	32.83	29.73	27.92	26.39	25.46	24.70	23.88
225.0	35.41	32.95	30.02	28.56	26.86	25.93	25.52	25.63	25.46
270.0	39.91	36.81	34.00	31.19	30.02	30.14	31.37	32.83	32.54
315.0	36.81	33.12	30.55	29.14	27.27	26.39	25.52	24.87	24.29
360.0	37.45	35.29	31.84	29.90	28.03	26.92	26.22	25.98	26.28
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	26.86	27.04	27.04	26.63	26.28	25.63	24.81	23.41	22.00
45.0	32.89	33.53	34.00	34.12	33.94	33.47	32.95	32.36	31.19
90.0	32.71	32.30	31.54	31.19	30.43	29.61	28.91	28.09	26.69
135.0	23.88	23.29	22.77	22.18	21.71	21.30	20.89	20.48	19.96
180.0	23.41	23.12	22.88	22.53	22.18	21.95	21.59	21.07	20.54
225.0	25.22	24.87	24.52	24.17	23.64	23.17	22.65	22.18	21.13
270.0	31.72	31.02	30.02	29.14	28.15	27.21	26.39	25.16	24.23
315.0	23.58	23.06	22.53	22.12	21.42	20.95	20.31	19.84	19.37
360.0	26.86	27.04	27.04	26.63	26.28	25.63	24.81	23.41	22.00
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	20.31	18.61	17.97	17.50	17.09	16.50	15.92	15.63	15.33
45.0	28.97	25.28	20.48	18.20	17.56	17.03	16.44	15.98	15.74
90.0	24.81	20.31	18.14	17.38	16.91	16.27	15.92	15.63	15.39
135.0	19.55	18.90	18.38	17.79	17.21	16.44	16.09	15.80	15.68
180.0	19.55	18.67	17.73	17.26	16.80	16.21	15.92	15.63	15.33
225.0	19.90	18.38	17.67	17.03	16.33	16.04	15.74	15.68	15.39
270.0	22.47	18.90	17.97	17.56	17.03	16.39	15.98	15.68	15.33
315.0	18.79	18.38	17.85	17.32	16.80	16.04	15.74	15.51	15.39
360.0	20.31	18.61	17.97	17.50	17.09	16.50	15.92	15.63	15.33

Intensity data(cd)

C/γ(°)	90.0
0.0	15.45
45.0	15.39
90.0	15.39
135.0	15.33
180.0	15.39
225.0	15.45
270.0	15.80
315.0	15.51
360.0	15.45