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NT

Client:

LumCAT: 2-2684-L

Luminaire: 92.70.412.00

Report No: 2024305-B015

Ballast type: AC

Test No: 2024305-C015

Voltage(V): 0.000

LampCAT: TRIDONIC SLE G7 15MM

Current(A): 0.000

Lamp flux(lm): 3287.0

Power (W): 0.000

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2806.30, Efficiency(%): 85.38% , Luminous Efficacy(lm/W): 0.00

Central intensity(cd): 6558.968, Maximum intensity(cd): 6558.968

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=34.4

[C90/270]Total=34.4

Field angle(10%Imax): [C0/180]Total=64.4

[C90/270]Total=64.4

Maximum s/h(1/2): C0_180=0.56 C90_270=0.56

Maximum s/h(1/4): C0_180=0.59 C90_270=0.59

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 85.38%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.024%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/05
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	6558.968	0.000	0	0.00%	0.00%
1.0	6529.999	6.263	6.263	0.19%	0.22%
2.0	6452.749	18.634	24.897	0.57%	0.89%
3.0	6344.995	30.608	55.505	0.93%	1.98%
4.0	6223.122	42.069	97.574	1.28%	3.48%
5.0	6071.768	52.892	150.466	1.61%	5.36%
6.0	5919.829	63.019	213.485	1.92%	7.61%
7.0	5743.018	72.391	285.876	2.20%	10.19%
8.0	5546.382	80.796	366.673	2.46%	13.07%
9.0	5347.698	88.291	454.963	2.69%	16.21%
10.0	5133.067	94.847	549.81	2.89%	19.59%
11.0	4916.095	100.412	650.222	3.05%	23.17%
12.0	4662.985	104.713	754.935	3.19%	26.90%
13.0	4402.560	107.585	862.52	3.27%	30.74%
14.0	4130.357	109.221	971.741	3.32%	34.63%
15.0	3850.034	109.558	1081.299	3.33%	38.53%
16.0	3573.223	108.771	1190.071	3.31%	42.41%
17.0	3322.015	107.377	1297.448	3.27%	46.23%
18.0	3080.610	105.565	1403.014	3.21%	50.00%
19.0	2851.202	103.201	1506.215	3.14%	53.67%
20.0	2641.910	100.539	1606.754	3.06%	57.26%
21.0	2438.837	97.561	1704.315	2.97%	60.73%
22.0	2238.764	93.998	1798.313	2.86%	64.08%
23.0	2055.296	90.101	1888.414	2.74%	67.29%
24.0	1881.118	86.064	1974.478	2.62%	70.36%
25.0	1717.036	81.814	2056.292	2.49%	73.27%
26.0	1501.936	75.984	2132.277	2.31%	75.98%
27.0	1327.151	69.214	2201.491	2.11%	78.45%
28.0	1214.656	64.353	2265.844	1.96%	80.74%
29.0	1082.571	60.102	2325.946	1.83%	82.88%
30.0	949.849	54.875	2380.821	1.67%	84.84%
31.0	802.556	48.767	2429.588	1.48%	86.58%
32.0	678.254	42.423	2472.011	1.29%	88.09%
33.0	560.507	36.494	2508.506	1.11%	89.39%
34.0	466.680	31.086	2539.591	0.95%	90.50%
35.0	387.199	26.518	2566.11	0.81%	91.44%
36.0	322.261	22.589	2588.699	0.69%	92.25%
37.0	280.352	19.654	2608.353	0.60%	92.95%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	244.309	17.512	2625.865	0.53%	93.57%
39.0	204.126	15.306	2641.172	0.47%	94.12%
40.0	157.930	12.627	2653.799	0.38%	94.57%
41.0	132.100	10.328	2664.127	0.31%	94.93%
42.0	112.934	8.903	2673.029	0.27%	95.25%
43.0	95.779	7.731	2680.761	0.24%	95.53%
44.0	83.570	6.769	2687.53	0.21%	95.77%
45.0	73.431	6.034	2693.564	0.18%	95.98%
46.0	65.896	5.449	2699.012	0.17%	96.18%
47.0	60.476	5.026	2704.039	0.15%	96.36%
48.0	55.691	4.696	2708.735	0.14%	96.52%
49.0	51.909	4.419	2713.153	0.13%	96.68%
50.0	48.669	4.193	2717.347	0.13%	96.83%
51.0	45.838	3.998	2721.345	0.12%	96.97%
52.0	43.351	3.827	2725.172	0.12%	97.11%
53.0	40.951	3.667	2728.839	0.11%	97.24%
54.0	38.917	3.520	2732.36	0.11%	97.37%
55.0	36.847	3.382	2735.742	0.10%	97.49%
56.0	35.084	3.250	2738.992	0.10%	97.60%
57.0	33.321	3.128	2742.12	0.10%	97.71%
58.0	31.873	3.015	2745.135	0.09%	97.82%
59.0	30.410	2.912	2748.046	0.09%	97.92%
60.0	28.998	2.807	2750.853	0.09%	98.02%
61.0	27.732	2.707	2753.56	0.08%	98.12%
62.0	26.562	2.616	2756.176	0.08%	98.21%
63.0	25.501	2.532	2758.709	0.08%	98.30%
64.0	24.375	2.447	2761.156	0.07%	98.39%
65.0	23.497	2.369	2763.525	0.07%	98.48%
66.0	22.560	2.298	2765.823	0.07%	98.56%
67.0	21.763	2.229	2768.052	0.07%	98.64%
68.0	20.944	2.163	2770.215	0.07%	98.71%
69.0	20.234	2.101	2772.316	0.06%	98.79%
70.0	19.576	2.045	2774.36	0.06%	98.86%
71.0	18.925	1.990	2776.35	0.06%	98.93%
72.0	18.310	1.936	2778.286	0.06%	99.00%
73.0	17.776	1.887	2780.173	0.06%	99.07%
74.0	17.301	1.844	2782.018	0.06%	99.13%
75.0	16.840	1.804	2783.821	0.05%	99.20%

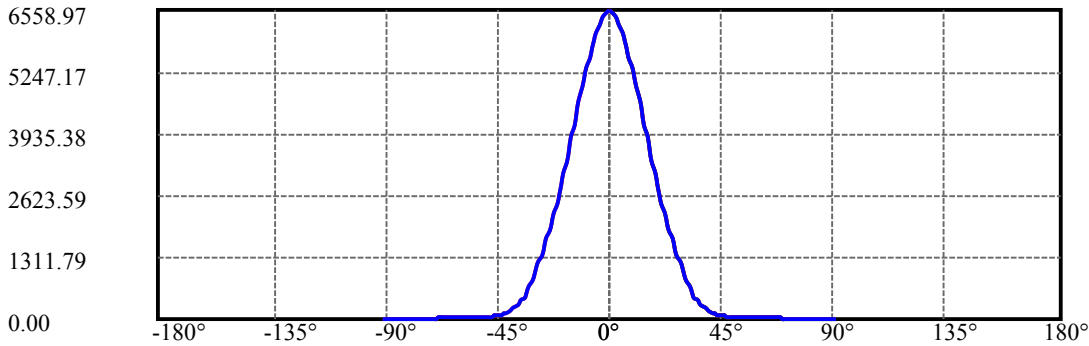
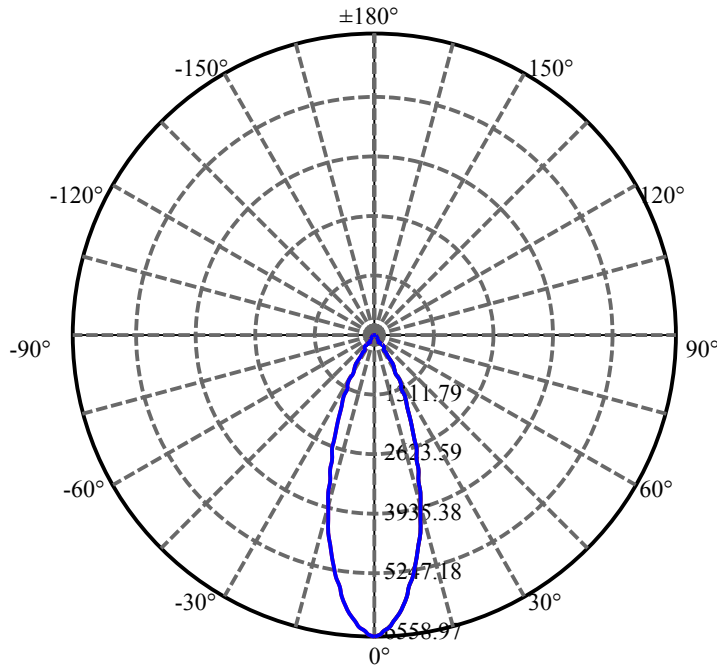
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	16.335	1.761	2785.582	0.05%	99.26%
77.0	15.911	1.719	2787.302	0.05%	99.32%
78.0	15.487	1.681	2788.982	0.05%	99.38%
79.0	15.106	1.644	2790.626	0.05%	99.44%
80.0	14.682	1.606	2792.232	0.05%	99.50%
81.0	14.287	1.567	2793.799	0.05%	99.55%
82.0	13.884	1.528	2795.326	0.05%	99.61%
83.0	13.482	1.488	2796.814	0.05%	99.66%
84.0	13.072	1.447	2798.261	0.04%	99.71%
85.0	12.692	1.406	2799.667	0.04%	99.76%
86.0	12.414	1.372	2801.039	0.04%	99.81%
87.0	12.180	1.346	2802.385	0.04%	99.86%
88.0	11.975	1.323	2803.708	0.04%	99.91%
89.0	11.800	1.303	2805.011	0.04%	99.95%
90.0	11.726	1.290	2806.301	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2380.82	72.43%	84.84%
0-40	2653.80	80.74%	94.57%
0-60	2750.85	83.69%	98.02%
0-90	2805.01	85.34%	99.95%
0-120	2805.01	85.34%	99.95%
0-180	2806.30	85.38%	100.00%
60-90	54.16	1.65%	1.93%
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%
0-27.68	2245.04	68.30%	80.00%

ZONAL LUMEN SUMMARY

0-10	549.81
10-20	1056.94
20-30	774.07
30-40	272.98
40-50	63.55
50-60	33.51
60-70	23.51
70-80	17.87
80-90	12.78
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



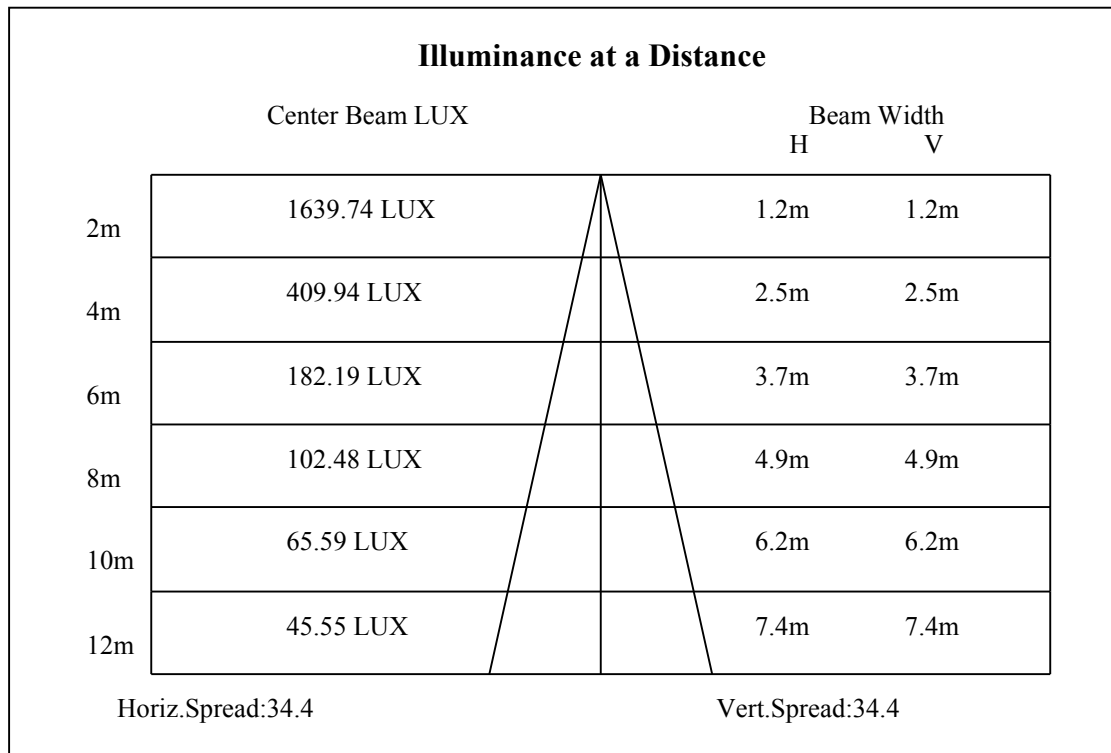
C0(Max): —————

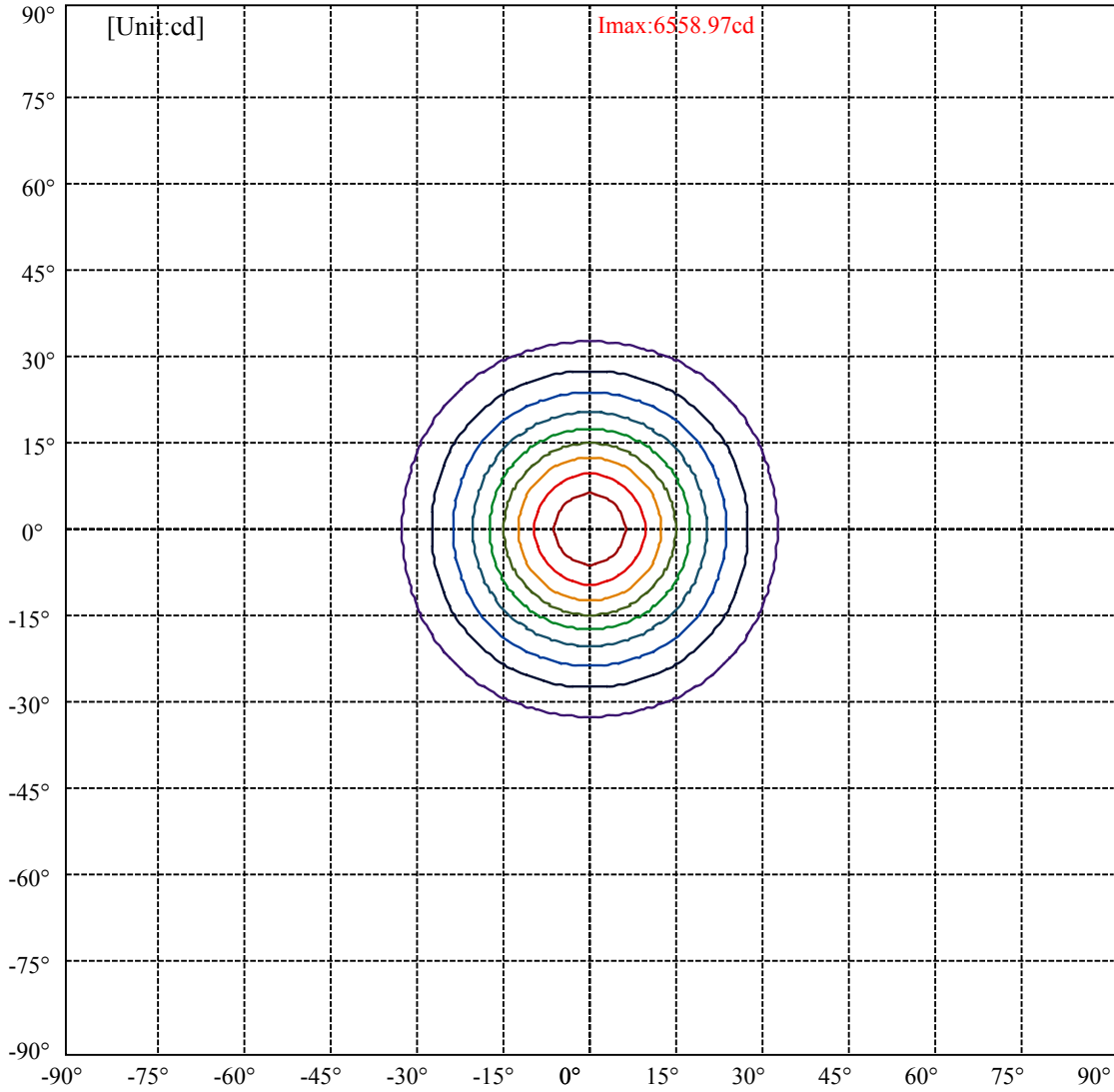
C0/C180: —————

C90/C270: —————

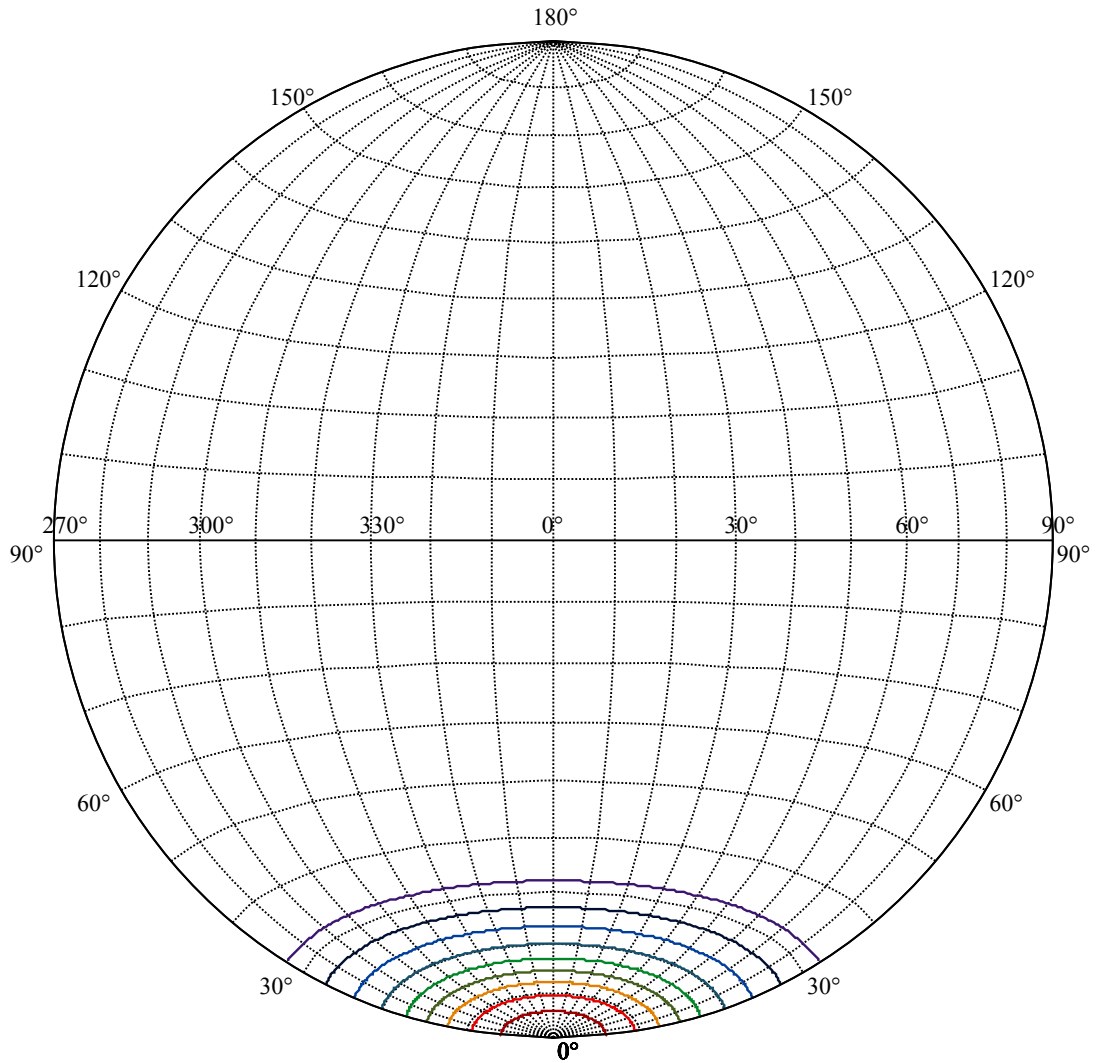
Field angle(10%Imax):C0/180Left:32.2 Right:32.2
:C90/270Left:32.2 Right:32.2

Beam Angle(50%Imax):C0/180Left:17.2 Right:17.2
:C90/270Left:17.2 Right:17.2





(10%Imax) 655.897	—
(20%Imax) 1311.79	—
(30%Imax) 1967.69	—
(40%Imax) 2623.59	—
(50%Imax) 3279.48	—
(60%Imax) 3935.38	—
(70%Imax) 4591.28	—
(80%Imax) 5247.17	—
(90%Imax) 5903.07	—



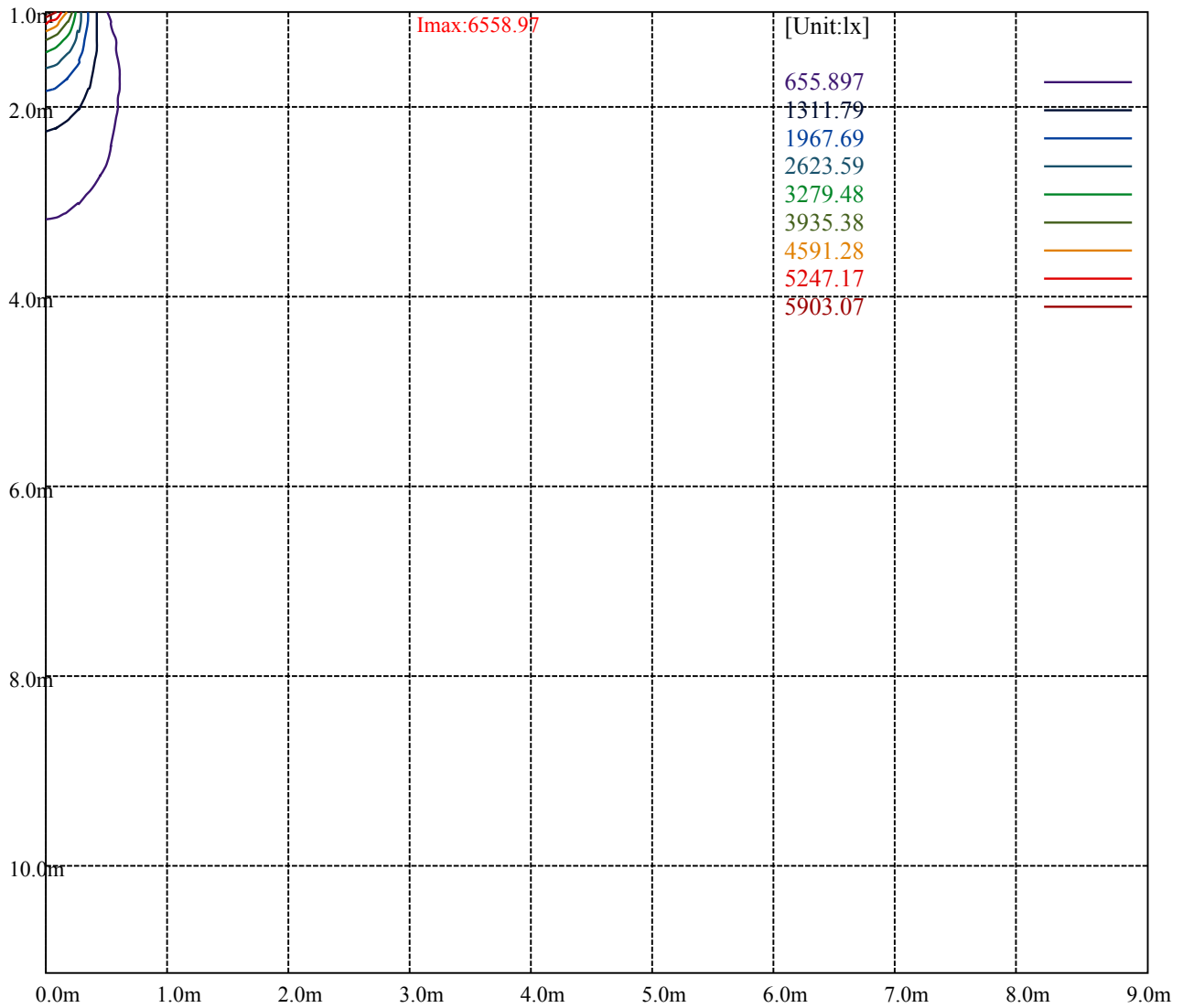
House

[Unit:cd]

Road

Imax:6558.97

(10%Imax) 655.897	—
(20%Imax) 1311.79	—
(30%Imax) 1967.69	—
(40%Imax) 2623.59	—
(50%Imax) 3279.48	—
(60%Imax) 3935.38	—
(70%Imax) 4591.28	—
(80%Imax) 5247.17	—
(90%Imax) 5903.07	—



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

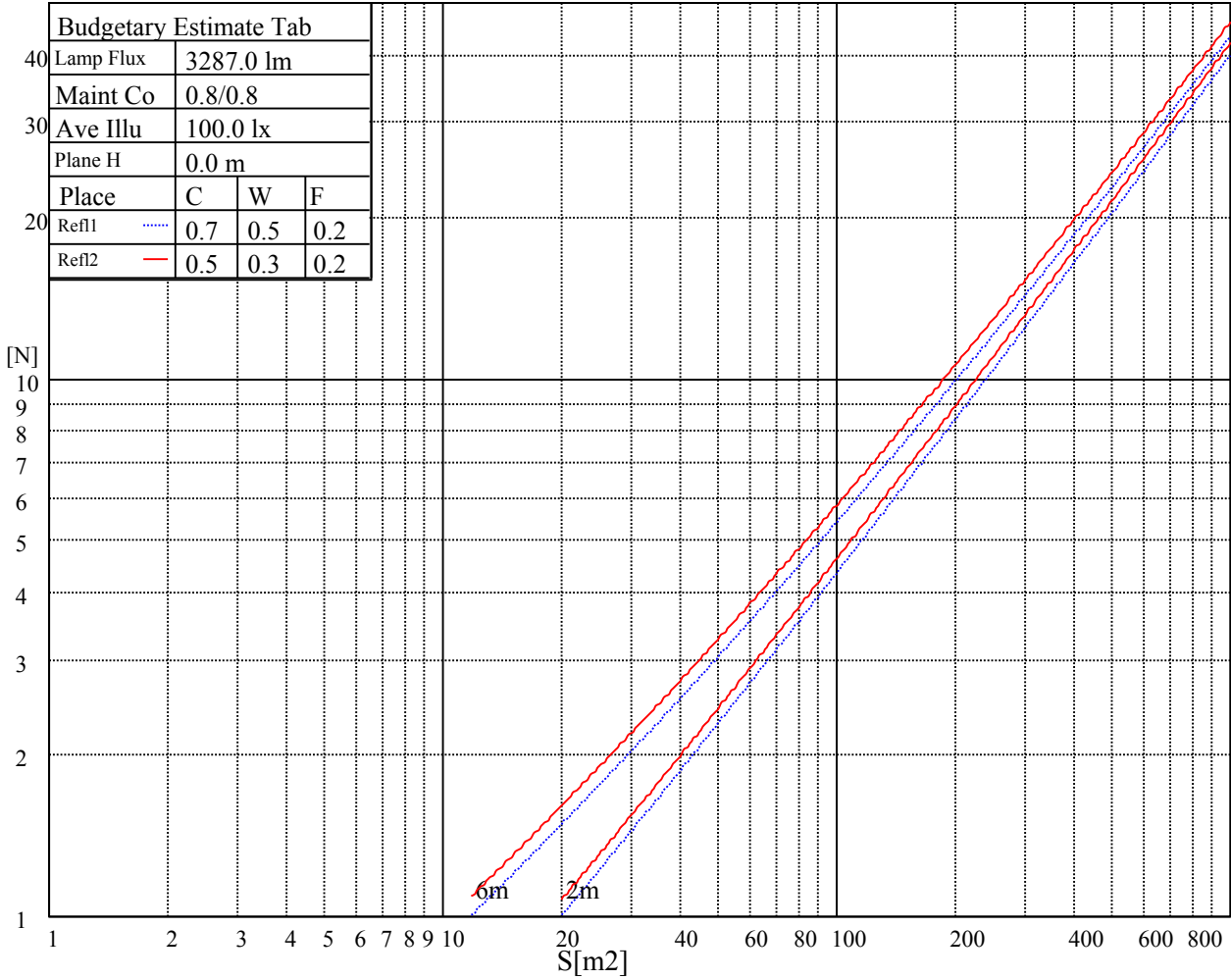
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

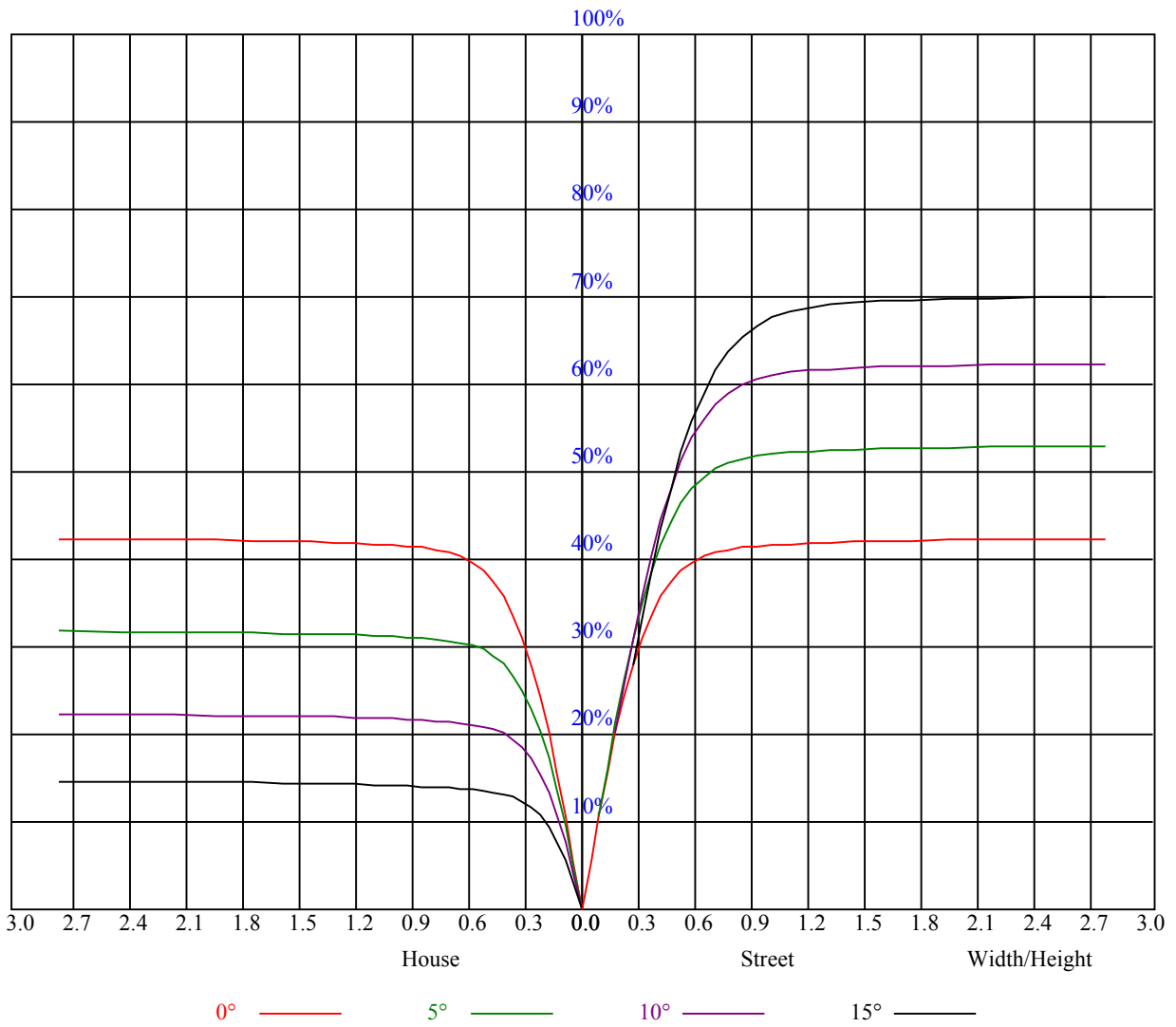


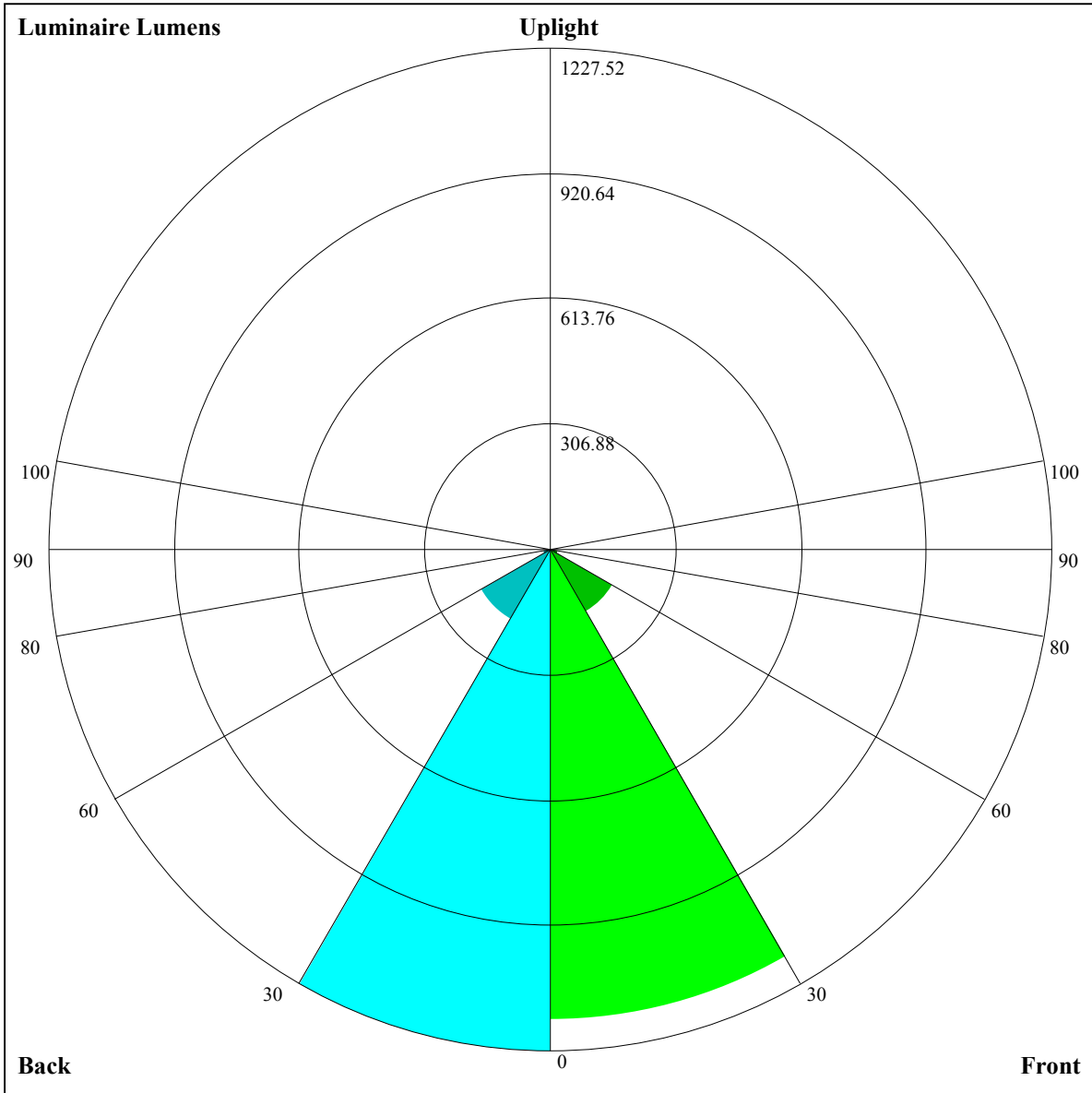
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.02	1.02	1.02	0.99	0.99	0.99	0.95	0.95	0.95	0.91	0.91	0.91	0.87	0.87	0.87	0.85
1	0.95	0.93	0.91	0.93	0.91	0.90	0.90	0.88	0.87	0.87	0.85	0.84	0.84	0.83	0.82	0.80
2	0.89	0.86	0.83	0.88	0.85	0.82	0.85	0.83	0.81	0.83	0.81	0.79	0.80	0.79	0.77	0.76
3	0.84	0.80	0.77	0.83	0.79	0.77	0.81	0.78	0.75	0.79	0.76	0.74	0.77	0.75	0.73	0.72
4	0.80	0.75	0.72	0.79	0.75	0.72	0.77	0.74	0.71	0.75	0.72	0.70	0.74	0.71	0.69	0.68
5	0.76	0.71	0.68	0.75	0.71	0.68	0.73	0.70	0.67	0.72	0.69	0.67	0.71	0.68	0.66	0.65
6	0.72	0.68	0.64	0.71	0.67	0.64	0.70	0.66	0.64	0.69	0.66	0.63	0.68	0.65	0.63	0.62
7	0.69	0.64	0.61	0.68	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.60	0.65	0.62	0.60	0.59
8	0.66	0.61	0.58	0.65	0.61	0.58	0.64	0.61	0.58	0.63	0.60	0.58	0.63	0.60	0.57	0.56
9	0.63	0.58	0.56	0.62	0.58	0.55	0.62	0.58	0.55	0.61	0.58	0.55	0.60	0.57	0.55	0.54
10	0.60	0.56	0.53	0.60	0.56	0.53	0.59	0.56	0.53	0.59	0.55	0.53	0.58	0.55	0.53	0.52





Luminaire Lumens:

FL=1152.78,FM=174.19,FH=20.31,FVH=6.97

BL=1227.52,BM=199.2,BH=21.1,BVH=7.12

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	6512.44	6380.77	6263.14	6140.82	5986.91	5775.64	5594.22	5401.10	5147.70
45.0	6570.38	6559.85	6488.45	6365.55	6204.03	6063.57	5903.22	5679.08	5481.86
90.0	6578.57	6522.39	6375.50	6250.26	6121.51	5930.14	5756.33	5571.99	5326.19
135.0	6574.48	6566.87	6495.47	6390.72	6266.06	6118.00	5972.28	5802.56	5589.54
180.0	6512.44	6558.68	6553.99	6493.13	6419.98	6288.30	6183.55	6055.97	5903.81
225.0	6570.38	6528.24	6462.70	6342.73	6234.46	6123.27	5948.87	5788.52	5619.97
270.0	6578.57	6585.01	6542.29	6452.16	6344.48	6231.53	6115.07	5933.65	5774.47
315.0	6574.48	6538.19	6440.46	6324.59	6207.54	6043.68	5885.08	5711.27	5527.51
360.0	6512.44	6380.77	6263.14	6140.82	5986.91	5775.64	5594.22	5401.10	5147.70
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4942.87	4719.31	4482.88	4162.18	3904.68	3651.86	3349.30	3119.31	2914.48
45.0	5286.98	5083.32	4826.41	4599.93	4362.33	4098.97	3765.40	3509.07	3209.43
90.0	5127.80	4863.86	4636.80	4396.85	4138.18	3811.04	3555.89	3312.43	3092.39
135.0	5401.10	5211.49	5009.58	4724.58	4475.86	4213.68	3952.08	3628.45	3323.34
180.0	5698.39	5524.58	5343.16	5141.85	4863.28	4620.41	4364.67	4034.60	3780.61
225.0	5443.82	5205.63	4989.69	4749.74	4506.29	4186.76	3935.11	3679.37	3369.78
270.0	5598.32	5375.35	5177.54	4901.32	4653.77	4402.71	4140.53	3813.38	3568.18
315.0	5282.30	5080.98	4862.69	4627.43	4316.09	4057.42	3737.31	3489.17	3253.91
360.0	4942.87	4719.31	4482.88	4162.18	3904.68	3651.86	3349.30	3119.31	2914.48
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2672.20	2482.00	2299.99	2077.02	1908.48	1751.05	1596.55	1454.34	1135.16
45.0	2997.00	2799.19	2566.86	2382.51	2201.67	2032.54	1827.13	1668.53	1518.72
90.0	2836.06	2646.45	2458.00	2228.60	2053.61	1886.82	1686.68	1531.01	1164.66
135.0	3162.03	2901.02	2704.97	2515.36	2286.53	2111.55	1942.42	1736.42	1579.00
180.0	3534.82	3229.92	3012.21	2802.12	2553.98	2373.73	2201.67	2026.69	1828.89
225.0	3137.45	2871.17	2676.88	2484.34	2299.41	2080.53	1916.09	1759.83	1602.99
270.0	3328.82	3104.09	2837.81	2633.57	2442.20	2206.94	2039.57	1873.95	1682.58
315.0	2976.51	2775.78	2578.56	2387.19	2164.22	1999.19	1838.84	1685.51	1503.50
360.0	2672.20	2482.00	2299.99	2077.02	1908.48	1751.05	1596.55	1454.34	1135.16
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1135.16	971.41	845.01	721.52	577.21	481.00	406.20	329.36	278.51
45.0	1372.41	1194.50	1059.90	931.15	771.97	653.75	525.01	443.66	376.36
90.0	1164.66	1063.41	932.67	806.67	656.68	547.83	458.06	388.47	316.14
135.0	1425.08	1276.43	1103.79	974.46	847.46	721.64	578.85	484.62	409.72
180.0	1675.56	1514.62	1334.37	1186.89	1051.12	915.35	753.24	632.69	505.69
225.0	1159.33	1159.33	1123.92	985.23	818.61	692.91	578.32	462.21	390.11
270.0	1534.52	1387.04	1209.72	1071.61	938.17	774.31	652.00	544.90	458.29
315.0	1150.49	1150.49	1051.18	921.26	759.21	639.24	532.38	447.52	362.78
360.0	1135.16	971.41	845.01	721.52	577.21	481.00	406.20	329.36	278.51
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	234.97	197.40	159.18	135.07	115.06	98.67	82.69	72.92	65.49
45.0	319.59	306.72	248.66	180.78	152.45	124.89	107.15	92.93	81.23
90.0	268.79	227.48	184.35	156.90	134.08	111.25	96.27	84.10	72.28
135.0	333.05	306.72	306.72	189.26	160.23	132.14	113.71	98.43	86.03
180.0	425.52	360.56	306.13	306.13	206.58	175.27	148.88	122.96	106.22
225.0	316.43	267.97	227.36	185.40	157.89	135.19	116.34	97.44	85.33
270.0	372.85	315.49	302.62	302.62	187.51	152.39	129.63	107.10	92.99
315.0	306.89	260.48	219.46	176.85	149.64	126.99	108.79	90.36	79.01
360.0	234.97	197.40	159.18	135.07	115.06	98.67	82.69	72.92	65.49

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	58.64	54.37	50.33	47.52	45.00	42.84	40.32	38.45	36.69
45.0	70.46	64.02	58.87	53.78	50.33	47.34	44.24	42.02	39.50
90.0	65.49	60.10	56.06	51.73	48.69	46.06	43.77	40.97	39.03
135.0	74.15	67.18	61.68	57.29	52.85	49.57	46.99	44.13	41.90
180.0	92.76	79.77	71.87	65.60	60.45	55.48	52.03	49.04	45.71
225.0	75.90	68.59	62.97	57.41	53.84	49.98	47.23	44.83	42.08
270.0	81.58	70.81	64.43	59.34	54.43	51.09	48.11	45.47	42.72
315.0	68.47	62.33	57.59	52.85	49.69	46.99	44.01	41.90	39.97
360.0	58.64	54.37	50.33	47.52	45.00	42.84	40.32	38.45	36.69
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	34.59	33.07	31.72	30.43	29.14	27.74	26.69	25.40	24.46
45.0	37.63	35.93	34.24	32.36	31.02	29.67	28.38	27.04	25.93
90.0	37.10	34.82	33.12	31.37	30.02	28.79	27.33	26.39	25.28
135.0	39.85	37.57	35.76	33.65	32.19	30.90	29.50	28.15	26.92
180.0	43.42	40.67	38.74	36.99	35.23	33.24	31.78	30.43	29.14
225.0	40.03	38.10	35.87	34.24	32.71	31.31	29.55	28.32	27.21
270.0	40.61	38.68	36.93	34.76	33.24	31.84	30.14	28.91	27.39
315.0	38.10	35.93	34.29	32.77	31.43	29.79	28.62	27.21	26.16
360.0	34.59	33.07	31.72	30.43	29.14	27.74	26.69	25.40	24.46
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	23.58	22.65	21.89	21.07	20.37	19.66	19.02	18.43	17.79
45.0	24.93	23.82	23.00	22.24	21.19	20.48	19.90	19.14	18.49
90.0	24.35	23.29	22.53	21.71	20.95	20.13	19.55	18.96	18.14
135.0	25.87	24.76	23.88	22.94	22.12	21.13	20.48	19.90	19.08
180.0	27.68	26.57	25.52	24.29	23.41	22.59	21.59	20.83	20.25
225.0	26.10	24.76	23.82	22.77	22.06	21.24	20.37	19.78	19.20
270.0	26.39	25.28	24.29	23.17	22.47	21.71	20.89	20.07	19.55
315.0	25.11	23.88	23.06	22.30	21.54	20.60	20.07	19.49	18.90
360.0	23.58	22.65	21.89	21.07	20.37	19.66	19.02	18.43	17.79
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	17.38	16.91	16.50	16.09	15.63	15.22	14.69	14.40	13.99
45.0	17.91	17.50	16.97	16.50	16.04	15.68	15.27	14.86	14.46
90.0	17.67	17.26	16.74	16.27	15.92	15.45	14.98	14.51	14.28
135.0	18.43	17.91	17.44	16.97	16.44	16.04	15.68	15.27	14.69
180.0	19.49	18.84	18.32	17.79	17.21	16.74	16.27	15.92	15.45
225.0	18.61	17.91	17.50	16.97	16.56	16.04	15.74	15.45	14.92
270.0	18.90	18.20	17.73	17.32	16.68	16.27	15.86	15.45	15.10
315.0	18.08	17.67	17.21	16.80	16.21	15.86	15.39	14.98	14.57
360.0	17.38	16.91	16.50	16.09	15.63	15.22	14.69	14.40	13.99
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	13.58	13.05	12.82	12.58	12.29	12.00	11.82	11.76	11.76
45.0	14.05	13.69	12.99	12.82	12.52	12.29	12.00	11.94	11.65
90.0	13.93	13.34	12.93	12.64	12.41	12.17	12.00	11.70	11.70
135.0	14.40	14.05	13.64	12.93	12.64	12.47	12.23	12.00	11.82
180.0	14.98	14.57	14.28	13.93	13.23	12.76	12.58	12.29	12.06
225.0	14.46	14.16	13.81	13.17	12.76	12.52	12.29	12.06	11.82
270.0	14.69	14.28	13.99	13.58	12.99	12.70	12.41	12.11	11.88
315.0	14.22	13.93	13.40	12.93	12.70	12.41	12.11	11.94	11.70
360.0	13.58	13.05	12.82	12.58	12.29	12.00	11.82	11.76	11.76

Intensity data(cd)

C/ γ (°)	90.0
0.0	11.70
45.0	11.70
90.0	11.76
135.0	11.76
180.0	11.88
225.0	11.65
270.0	11.65
315.0	11.70
360.0	11.70