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NT

Client:

LumCAT: 2-2748-L

Luminaire: 92.70.412.00

Report No: 2024813-B012

Ballast type: AC

Test No: 2024813-C012

Voltage(V): 35.060

LampCAT: TRIDONIC SLE G7 15MM

Current(A): 0.702

Lamp flux(lm): 4107.0

Power (W): 24.612

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 3850.71, Efficiency(%): 93.76% , Luminous Efficacy(lm/W): 156.46

Central intensity(cd): 18656.100, Maximum intensity(cd): 18656.100

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=18.0

[C90/270]Total=18.0

Field angle(10%Imax): [C0/180]Total=49.8

[C90/270]Total=49.8

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

Maximum s/h(1/4): C0_180=0.35 C90_270=0.35

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 93.76%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.962%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/8/13
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	18656.096	0.000	0	0.00%	0.00%
1.0	18503.938	17.780	17.78	0.43%	0.46%
2.0	18096.475	52.532	70.313	1.28%	1.83%
3.0	17462.969	85.047	155.359	2.07%	4.03%
4.0	16465.158	113.568	268.928	2.77%	6.98%
5.0	14684.627	134.005	402.932	3.26%	10.46%
6.0	13161.520	146.339	549.271	3.56%	14.26%
7.0	12226.843	157.585	706.856	3.84%	18.36%
8.0	10691.212	164.020	870.876	3.99%	22.62%
9.0	9315.641	162.145	1033.021	3.95%	26.83%
10.0	8088.131	157.498	1190.519	3.83%	30.92%
11.0	7085.129	151.612	1342.131	3.69%	34.85%
12.0	6281.981	146.122	1488.253	3.56%	38.65%
13.0	5632.454	141.394	1629.647	3.44%	42.32%
14.0	5060.762	136.872	1766.519	3.33%	45.88%
15.0	4572.831	132.254	1898.773	3.22%	49.31%
16.0	4141.959	127.696	2026.47	3.11%	52.63%
17.0	3737.642	122.707	2149.176	2.99%	55.81%
18.0	3408.380	117.822	2266.998	2.87%	58.87%
19.0	3114.524	113.485	2380.484	2.76%	61.82%
20.0	2847.368	109.119	2489.603	2.66%	64.65%
21.0	2706.768	106.651	2596.254	2.60%	67.42%
22.0	2480.008	104.230	2700.484	2.54%	70.13%
23.0	2190.409	97.998	2798.482	2.39%	72.67%
24.0	2012.282	91.886	2890.368	2.24%	75.06%
25.0	1842.566	87.651	2978.019	2.13%	77.34%
26.0	1696.260	83.534	3061.553	2.03%	79.51%
27.0	1539.003	79.151	3140.704	1.93%	81.56%
28.0	1354.437	73.256	3213.96	1.78%	83.46%
29.0	1262.330	68.462	3282.422	1.67%	85.24%
30.0	1144.378	64.981	3347.403	1.58%	86.93%
31.0	998.935	59.645	3407.048	1.45%	88.48%
32.0	859.271	53.235	3460.284	1.30%	89.86%
33.0	726.484	46.717	3507.001	1.14%	91.07%
34.0	593.374	39.943	3546.943	0.97%	92.11%
35.0	481.574	33.384	3580.327	0.81%	92.98%
36.0	372.401	27.191	3607.518	0.66%	93.68%
37.0	280.023	21.278	3628.796	0.52%	94.24%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	226.848	16.919	3645.715	0.41%	94.68%
39.0	175.399	13.730	3659.445	0.33%	95.03%
40.0	112.575	10.044	3669.488	0.24%	95.29%
41.0	97.667	7.487	3676.975	0.18%	95.49%
42.0	90.161	6.824	3683.799	0.17%	95.67%
43.0	83.153	6.420	3690.219	0.16%	95.83%
44.0	77.447	6.062	3696.281	0.15%	95.99%
45.0	71.975	5.742	3702.023	0.14%	96.14%
46.0	67.645	5.460	3707.483	0.13%	96.28%
47.0	63.599	5.220	3712.703	0.13%	96.42%
48.0	60.271	5.007	3717.711	0.12%	96.55%
49.0	57.176	4.823	3722.534	0.12%	96.67%
50.0	54.601	4.660	3727.194	0.11%	96.79%
51.0	52.539	4.533	3731.727	0.11%	96.91%
52.0	51.112	4.448	3736.175	0.11%	97.03%
53.0	50.190	4.407	3740.582	0.11%	97.14%
54.0	49.495	4.394	3744.975	0.11%	97.25%
55.0	49.269	4.409	3749.384	0.11%	97.37%
56.0	49.466	4.462	3753.846	0.11%	97.48%
57.0	49.671	4.533	3758.378	0.11%	97.60%
58.0	49.744	4.597	3762.976	0.11%	97.72%
59.0	49.488	4.639	3767.615	0.11%	97.84%
60.0	48.552	4.632	3772.247	0.11%	97.96%
61.0	47.169	4.568	3776.815	0.11%	98.08%
62.0	45.157	4.449	3781.263	0.11%	98.20%
63.0	42.473	4.262	3785.525	0.10%	98.31%
64.0	39.093	4.002	3789.528	0.10%	98.41%
65.0	35.274	3.680	3793.208	0.09%	98.51%
66.0	31.917	3.352	3796.56	0.08%	98.59%
67.0	28.932	3.060	3799.62	0.07%	98.67%
68.0	26.833	2.825	3802.445	0.07%	98.75%
69.0	25.523	2.671	3805.116	0.07%	98.82%
70.0	24.565	2.572	3807.688	0.06%	98.88%
71.0	23.914	2.506	3810.194	0.06%	98.95%
72.0	23.365	2.458	3812.652	0.06%	99.01%
73.0	22.897	2.419	3815.072	0.06%	99.07%
74.0	22.465	2.385	3817.456	0.06%	99.14%
75.0	22.078	2.353	3819.81	0.06%	99.20%

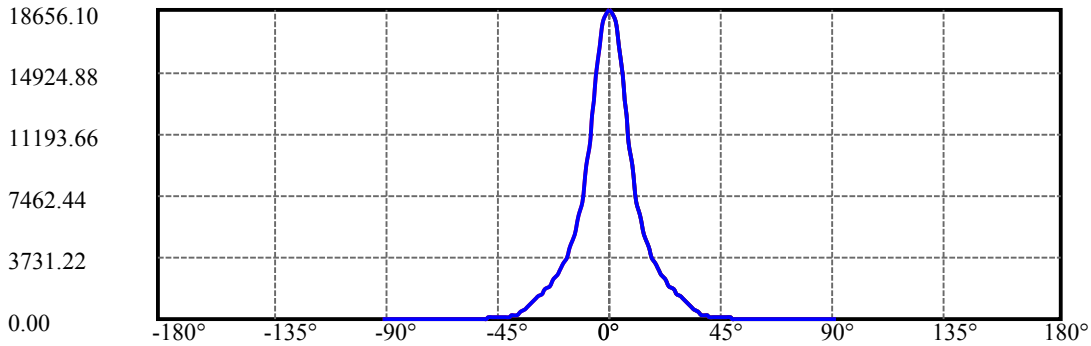
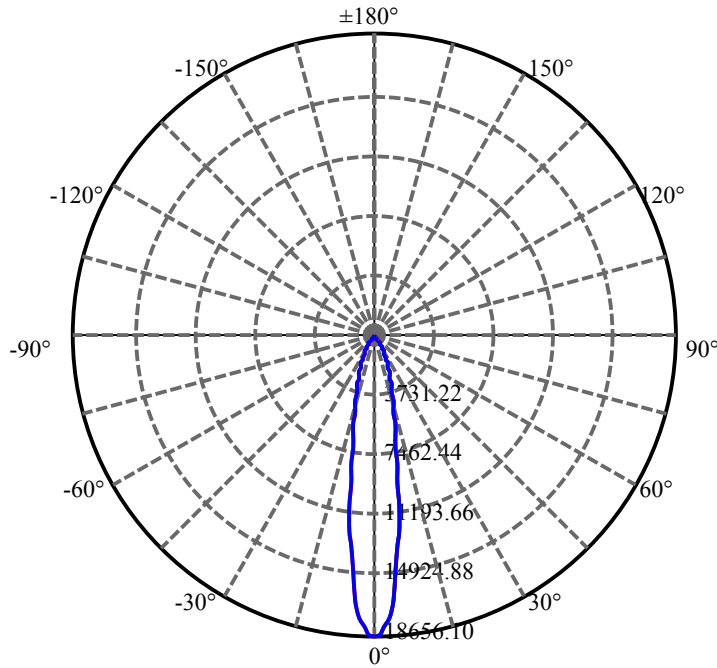
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	21.741	2.326	3822.136	0.06%	99.26%
77.0	21.361	2.298	3824.434	0.06%	99.32%
78.0	20.966	2.266	3826.7	0.06%	99.38%
79.0	20.527	2.229	3828.929	0.05%	99.43%
80.0	20.051	2.188	3831.117	0.05%	99.49%
81.0	19.547	2.141	3833.258	0.05%	99.55%
82.0	19.100	2.096	3835.354	0.05%	99.60%
83.0	18.617	2.050	3837.404	0.05%	99.65%
84.0	18.222	2.007	3839.411	0.05%	99.71%
85.0	17.842	1.968	3841.379	0.05%	99.76%
86.0	17.454	1.929	3843.309	0.05%	99.81%
87.0	17.147	1.894	3845.203	0.05%	99.86%
88.0	16.862	1.863	3847.065	0.05%	99.91%
89.0	16.591	1.834	3848.899	0.04%	99.95%
90.0	16.481	1.813	3850.712	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	3347.40	81.50%	86.93%
0-40	3669.49	89.35%	95.29%
0-60	3772.25	91.85%	97.96%
0-90	3848.90	93.72%	99.95%
0-120	3848.90	93.72%	99.95%
0-180	3850.71	93.76%	100.00%
60-90	76.65	1.87%	1.99%
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%
0-26.24	3080.57	75.01%	80.00%

ZONAL LUMEN SUMMARY

0-10	1190.52
10-20	1299.08
20-30	857.80
30-40	322.09
40-50	57.71
50-60	45.05
60-70	35.44
70-80	23.43
80-90	17.78
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



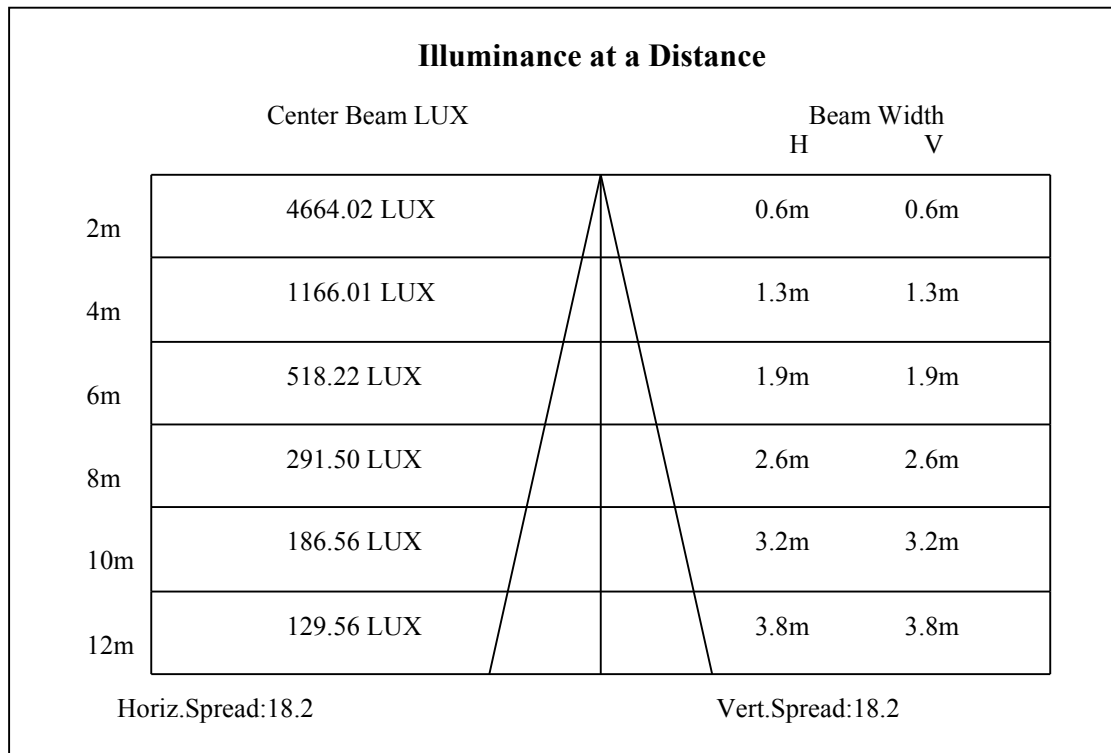
C0(Max): —————

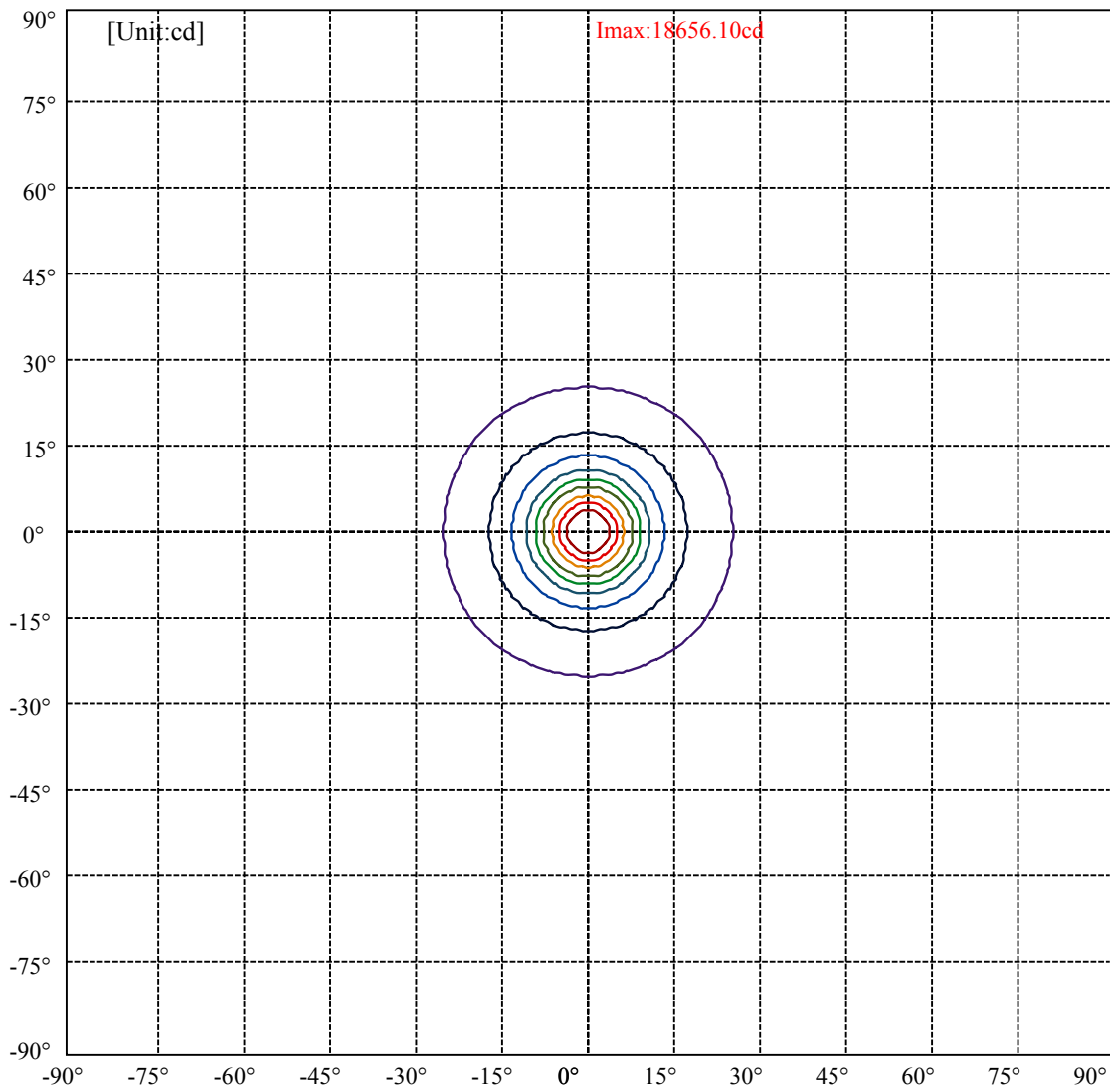
C0/C180: —————

C90/C270: —————

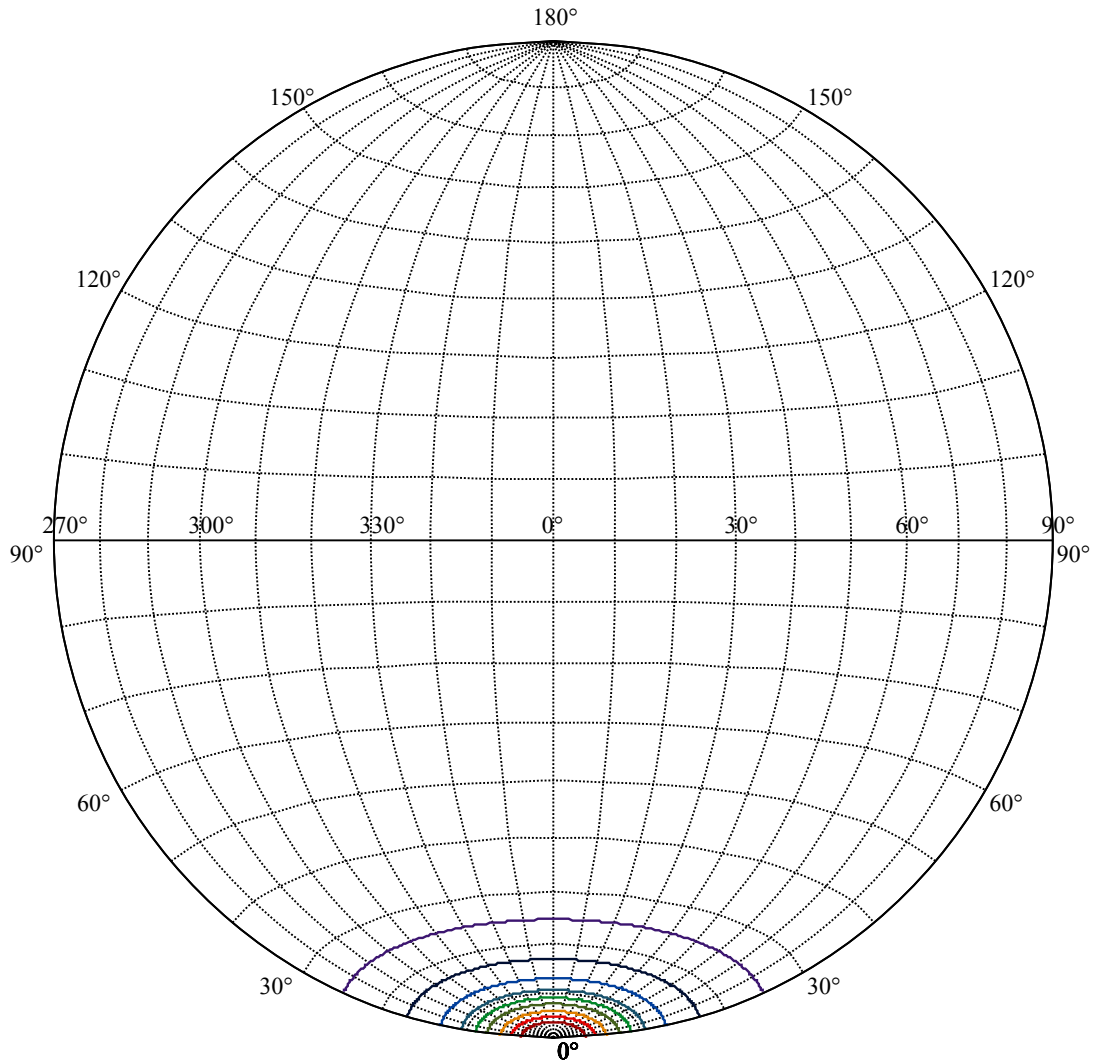
Field angle(10%Imax):C0/180Left:24.9 Right:24.9
:C90/270Left:24.9 Right:24.9

Beam Angle(50%Imax):C0/180Left:9.0 Right:9.0
:C90/270Left:9.0 Right:9.0





(10%Imax) 1865.61	—
(20%Imax) 3731.22	—
(30%Imax) 5596.83	—
(40%Imax) 7462.44	—
(50%Imax) 9328.05	—
(60%Imax) 11193.7	—
(70%Imax) 13059.3	—
(80%Imax) 14924.9	—
(90%Imax) 16790.5	—



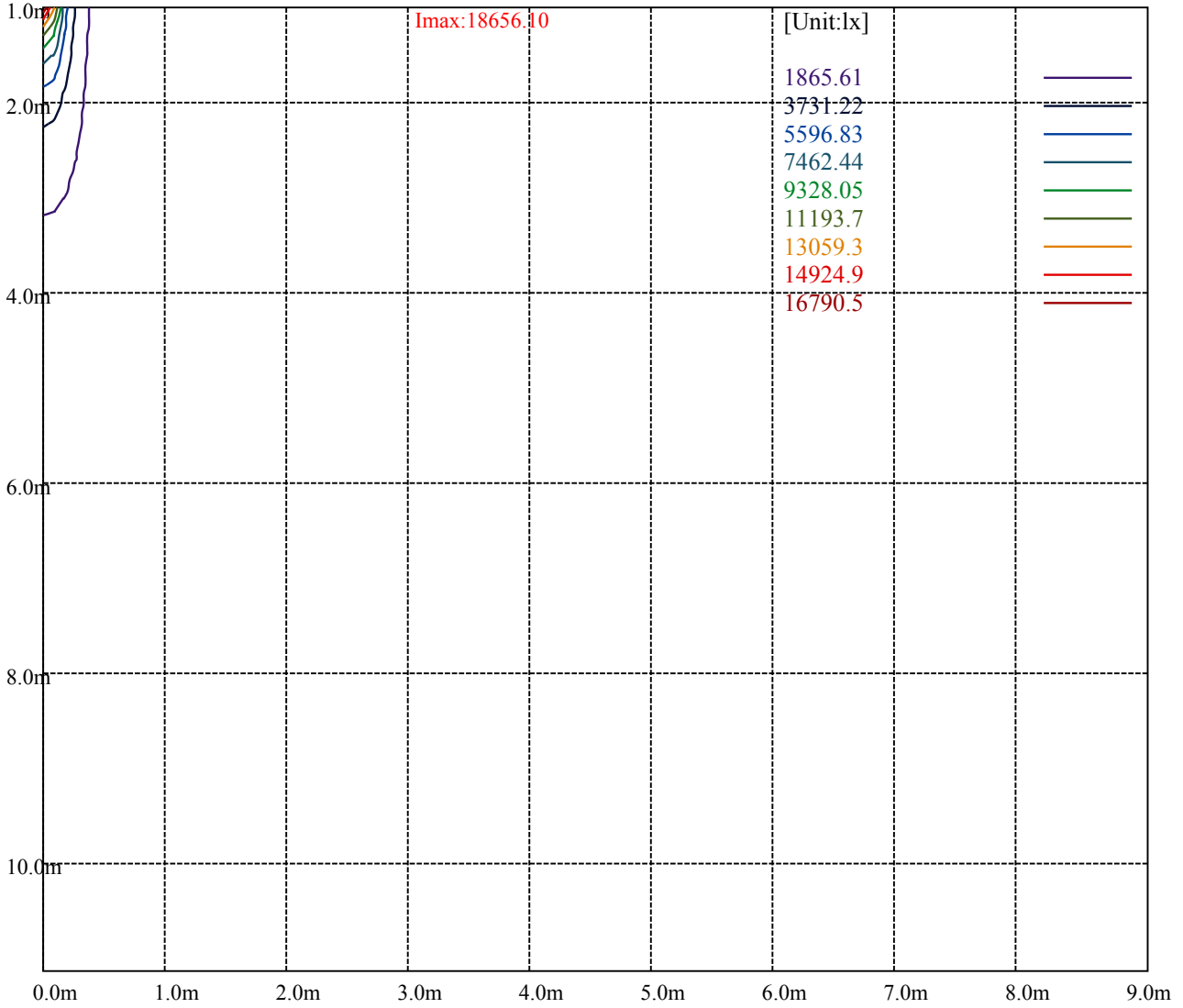
House

[Unit:cd]

Road

Imax:18656.10

(10%Imax)	1865.61	—
(20%Imax)	3731.22	—
(30%Imax)	5596.83	—
(40%Imax)	7462.44	—
(50%Imax)	9328.05	—
(60%Imax)	11193.7	—
(70%Imax)	13059.3	—
(80%Imax)	14924.9	—
(90%Imax)	16790.5	—



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

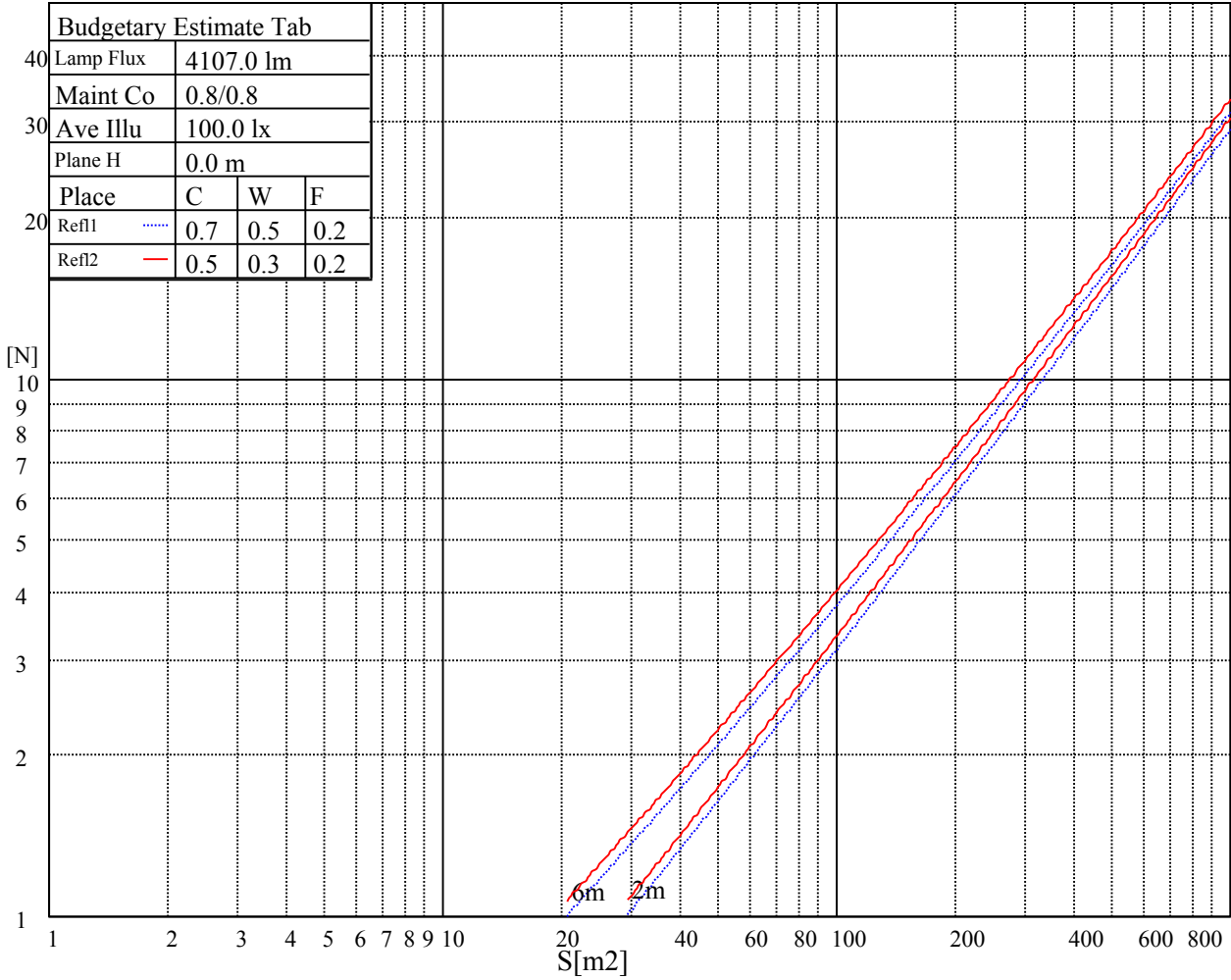
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

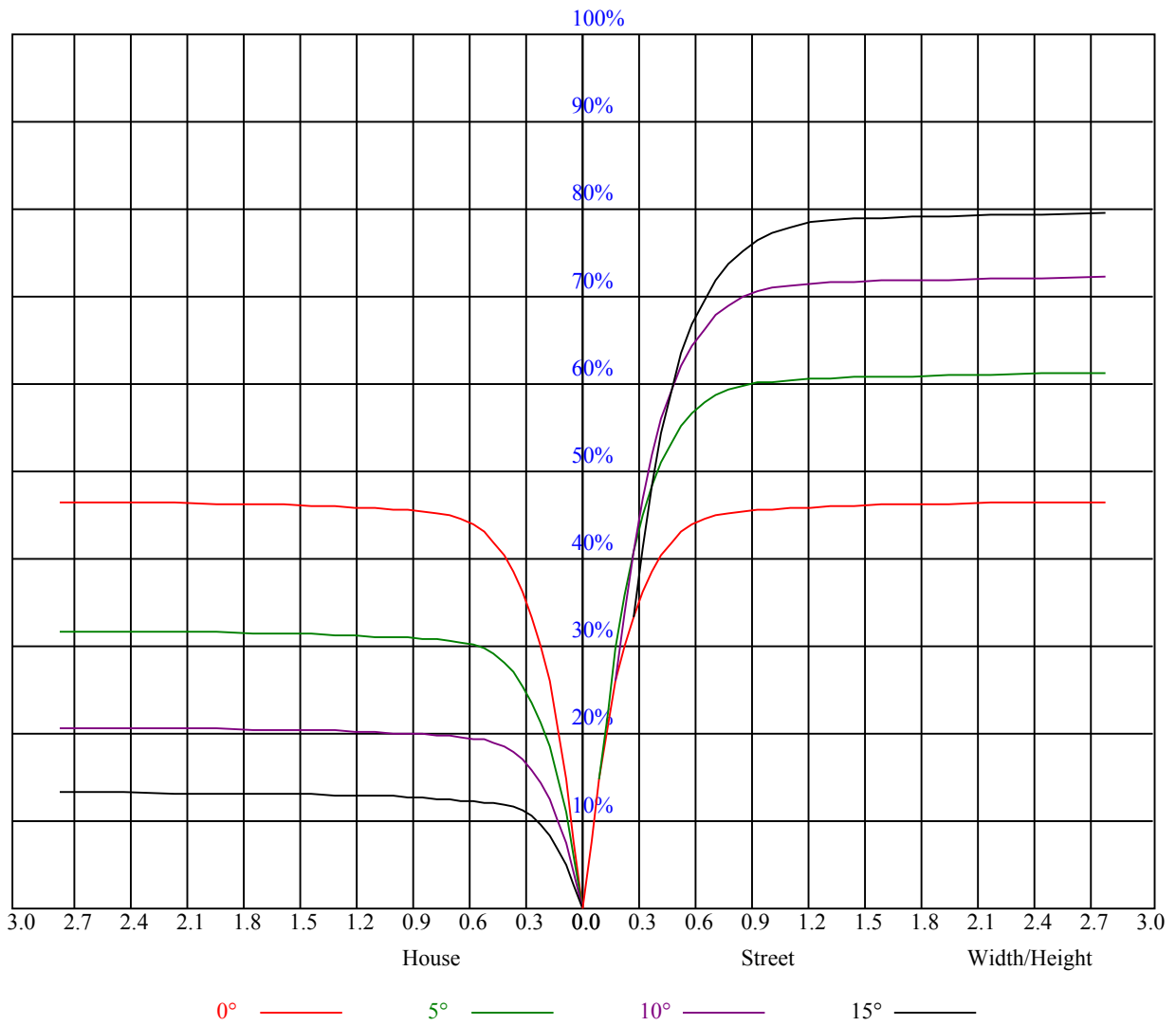


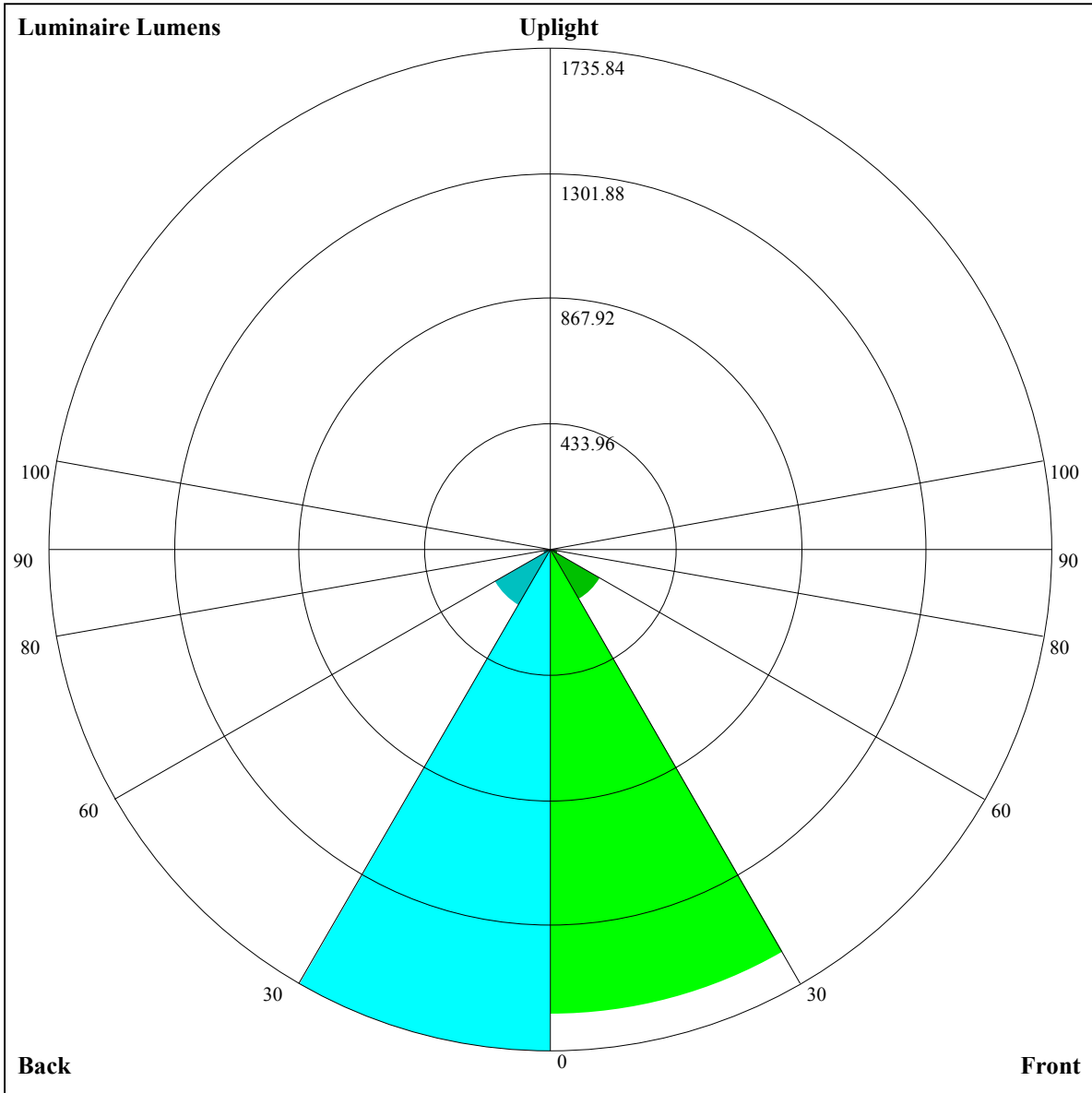
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.12	1.12	1.12	1.09	1.09	1.09	1.04	1.04	1.04	1.00	1.00	1.00	0.96	0.96	0.96	0.94
1	1.05	1.03	1.01	1.03	1.01	0.99	0.99	0.98	0.96	0.96	0.94	0.93	0.92	0.91	0.91	0.89
2	0.99	0.96	0.93	0.97	0.94	0.92	0.94	0.92	0.90	0.92	0.90	0.88	0.89	0.88	0.86	0.85
3	0.94	0.90	0.87	0.93	0.89	0.86	0.90	0.87	0.85	0.88	0.86	0.84	0.86	0.84	0.82	0.81
4	0.90	0.85	0.82	0.88	0.85	0.82	0.87	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	0.74
6	0.82	0.78	0.74	0.81	0.77	0.74	0.80	0.76	0.74	0.79	0.76	0.73	0.78	0.75	0.73	0.72
7	0.79	0.74	0.71	0.78	0.74	0.71	0.77	0.73	0.71	0.76	0.73	0.70	0.75	0.72	0.70	0.69
8	0.76	0.72	0.68	0.75	0.71	0.68	0.75	0.71	0.68	0.74	0.70	0.68	0.73	0.70	0.68	0.67
9	0.73	0.69	0.66	0.73	0.69	0.66	0.72	0.68	0.66	0.71	0.68	0.65	0.71	0.68	0.65	0.64
10	0.71	0.67	0.64	0.70	0.66	0.64	0.70	0.66	0.63	0.69	0.66	0.63	0.69	0.65	0.63	0.62





Luminaire Lumens:

FL=1610.01,FM=202.36,FH=29.11,FVH=9.77

BL=1735.84,BM=224.91,BH=29.79,BVH=9.86

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	18607.81	18204.01	17589.52	16776.06	15377.37	11346.40	11346.40	10967.18	9245.44
45.0	18648.78	18672.19	18432.25	17940.66	17220.83	15974.30	14680.95	13217.89	11315.91
90.0	18742.42	18584.41	18022.59	17355.43	16389.81	15195.95	11591.61	11591.61	10483.78
135.0	18625.37	18771.68	18695.60	18385.43	17560.26	16664.87	15523.68	13873.34	12416.13
180.0	18607.81	18701.45	18566.85	18022.59	17361.28	16489.30	15002.83	13621.70	12152.78
225.0	18648.78	18362.02	17718.27	16951.63	15962.60	14716.07	11338.21	11338.21	9892.70
270.0	18742.42	18607.81	18256.68	17665.60	16635.61	15552.94	14271.30	12773.12	10935.51
315.0	18625.37	18127.93	17490.03	16606.34	15213.51	11537.18	11537.18	10431.69	9087.43
360.0	18607.81	18204.01	17589.52	16776.06	15377.37	11346.40	11346.40	10967.18	9245.44
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	8079.09	7132.20	6370.23	5577.84	5062.84	4599.34	4107.17	3751.35	3373.88
45.0	9858.70	8594.61	7318.82	6517.07	5861.61	5288.09	4702.87	4287.36	3901.11
90.0	9139.52	7756.05	6840.75	6115.66	5518.73	4893.12	4453.04	4052.16	3616.16
135.0	10953.07	9612.91	8161.55	7184.22	6423.43	5662.64	5141.79	4562.41	4141.05
180.0	10356.14	9033.53	7915.75	7020.36	6113.26	5539.74	5059.86	4603.38	4094.23
225.0	8615.16	7366.29	6566.87	5914.34	5243.67	4784.27	4365.25	3911.70	3581.64
270.0	9566.09	8366.38	7365.64	6388.32	5773.83	5217.87	4644.35	4222.98	3778.21
315.0	7957.36	6843.09	6141.41	5538.04	5062.25	4501.02	4108.34	3744.33	3414.85
360.0	8079.09	7132.20	6370.23	5577.84	5062.84	4599.34	4107.17	3751.35	3373.88
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	3111.70	2857.71	2634.16	2381.34	2196.99	2019.08	1856.98	1694.28	1584.85
45.0	3503.16	3210.54	2958.90	2958.90	2471.46	2281.27	2059.47	1896.77	1748.71
90.0	3311.26	3040.30	2744.18	2531.74	2295.31	2113.89	1944.76	1797.28	1635.76
135.0	3789.92	3468.04	3116.91	2982.31	2982.31	2450.98	2266.05	2050.69	1887.41
180.0	3743.10	3415.37	3052.53	2994.01	2994.01	2380.17	2199.33	2015.57	1810.16
225.0	3287.27	2947.25	2719.60	2503.65	2311.11	2085.22	1926.03	1782.65	1654.49
270.0	3462.19	3169.58	2970.60	2970.60	2436.94	2253.76	2061.81	1855.81	1719.45
315.0	3058.44	2807.38	2582.07	2331.59	2151.93	1938.91	1783.82	1647.47	1529.25
360.0	3111.70	2857.71	2634.16	2381.34	2196.99	2019.08	1856.98	1694.28	1584.85
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1463.12	1142.53	1142.53	1006.00	878.66	718.07	598.28	462.74	362.14
45.0	1626.40	1477.17	1348.42	1216.16	1085.65	913.59	786.60	660.78	547.24
90.0	1527.50	1312.72	1145.23	1145.23	973.93	844.13	719.12	569.31	456.24
135.0	1745.78	1595.38	1482.43	1320.91	1185.72	1047.03	883.16	753.24	636.20
180.0	1677.90	1564.95	1440.30	1277.60	1145.34	1006.65	876.14	721.06	606.94
225.0	1509.35	1135.28	1135.28	1065.17	930.39	803.22	648.78	533.78	427.39
270.0	1602.99	1448.49	1310.96	1169.34	990.84	856.24	726.32	580.02	472.92
315.0	1158.98	1158.98	1093.49	954.62	800.94	685.24	573.46	466.07	343.53
360.0	1463.12	1142.53	1142.53	1006.00	878.66	718.07	598.28	462.74	362.14
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	274.65	200.67	133.72	111.49	102.88	93.23	87.26	81.64	76.25
45.0	412.64	317.84	296.18	202.55	117.16	102.59	93.93	87.08	81.52
90.0	329.89	246.61	177.56	117.86	99.90	92.29	85.03	79.01	72.68
135.0	522.08	383.38	309.06	309.06	135.30	100.42	91.70	84.51	78.83
180.0	495.74	366.41	298.52	298.52	129.33	105.05	96.50	87.14	80.88
225.0	307.95	226.01	162.22	117.28	105.16	95.68	88.43	80.82	75.32
270.0	376.94	308.47	308.47	137.53	112.30	100.89	93.05	86.79	80.94
315.0	259.31	190.78	129.04	108.91	98.55	91.18	85.38	78.24	73.15
360.0	274.65	200.67	133.72	111.49	102.88	93.23	87.26	81.64	76.25

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	70.64	66.66	63.20	59.05	56.24	53.96	52.03	50.97	50.21
45.0	74.67	70.29	66.31	62.56	58.52	55.48	53.14	50.80	49.74
90.0	68.12	64.43	60.16	57.35	54.84	52.03	50.50	49.28	48.75
135.0	72.80	68.18	63.91	60.80	58.05	54.89	52.79	51.27	50.27
180.0	75.44	70.46	65.66	62.33	59.28	56.53	53.55	51.97	50.50
225.0	70.70	65.78	62.44	59.22	56.06	53.96	52.26	50.97	50.10
270.0	74.38	70.23	66.36	62.91	59.11	56.53	54.37	52.79	51.73
315.0	69.06	65.14	60.75	57.94	55.30	53.43	51.68	50.86	50.21
360.0	70.64	66.66	63.20	59.05	56.24	53.96	52.03	50.97	50.21
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	49.63	49.80	49.92	49.92	50.33	49.92	48.34	46.82	44.54
45.0	48.75	48.05	48.22	48.69	48.52	48.69	48.63	47.11	45.30
90.0	48.34	48.28	48.81	49.16	49.28	49.04	48.22	46.23	44.48
135.0	49.39	48.87	48.63	48.87	49.39	49.33	49.10	48.34	46.58
180.0	49.86	49.22	49.16	49.51	49.57	49.39	48.81	48.40	46.82
225.0	49.57	49.69	50.10	49.92	50.15	49.80	48.22	46.35	44.59
270.0	50.91	50.80	51.09	51.56	51.56	51.38	50.68	49.28	46.94
315.0	49.51	49.45	49.80	49.74	49.16	48.34	46.41	44.83	42.02
360.0	49.63	49.80	49.92	49.92	50.33	49.92	48.34	46.82	44.54
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	40.56	37.63	33.18	29.38	27.21	25.75	24.87	24.23	23.58
45.0	43.72	40.67	36.75	33.83	30.26	27.33	25.87	24.76	23.94
90.0	42.08	37.63	34.70	31.37	27.68	26.16	24.70	24.05	23.53
135.0	45.00	42.19	39.15	35.46	31.78	28.73	26.98	25.34	24.64
180.0	44.71	41.79	38.27	35.00	30.67	28.03	26.51	25.11	24.40
225.0	40.15	37.28	32.54	29.32	27.51	26.04	24.87	24.17	23.64
270.0	44.30	40.67	36.34	32.30	29.32	27.10	25.69	24.76	24.11
315.0	39.27	34.88	31.25	28.68	27.04	25.52	24.70	24.11	23.47
360.0	40.56	37.63	33.18	29.38	27.21	25.75	24.87	24.23	23.58
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	23.12	22.71	22.36	21.89	21.59	21.24	20.78	20.31	19.84
45.0	23.35	22.94	22.41	22.06	21.71	21.36	20.95	20.60	20.19
90.0	22.94	22.53	22.18	21.83	21.48	21.19	20.83	20.37	19.90
135.0	24.05	23.53	23.12	22.65	22.24	21.95	21.54	21.13	20.54
180.0	23.76	23.23	22.82	22.47	22.12	21.65	21.36	20.95	20.54
225.0	23.12	22.59	22.18	21.83	21.48	21.01	20.66	20.13	19.66
270.0	23.58	23.12	22.59	22.18	21.89	21.54	21.13	20.66	20.19
315.0	23.00	22.53	22.06	21.71	21.42	20.95	20.48	20.07	19.55
360.0	23.12	22.71	22.36	21.89	21.59	21.24	20.78	20.31	19.84
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	19.25	18.90	18.32	18.02	17.67	17.38	17.03	16.74	16.44
45.0	19.72	19.25	18.79	18.32	17.91	17.56	17.26	16.91	16.68
90.0	19.37	18.90	18.43	18.02	17.73	17.38	17.09	16.85	16.56
135.0	20.13	19.72	19.14	18.73	18.32	17.79	17.50	17.21	16.91
180.0	19.96	19.43	18.96	18.49	18.20	17.62	17.32	17.03	16.74
225.0	19.25	18.79	18.38	17.97	17.50	17.21	16.91	16.62	16.33
270.0	19.66	19.20	18.67	18.32	17.91	17.50	17.15	16.85	16.50
315.0	19.02	18.61	18.26	17.91	17.50	17.21	16.91	16.68	16.56
360.0	19.25	18.90	18.32	18.02	17.67	17.38	17.03	16.74	16.44

Intensity data(cd)

C/γ(°)	90.0
0.0	16.50
45.0	16.33
90.0	16.39
135.0	16.68
180.0	16.44
225.0	16.44
270.0	16.62
315.0	16.44
360.0	16.50