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NT

Client:

LumCAT: 2-2678-L

Luminaire: 92.70.412.00

Report No: 2024326-B004

Ballast type: AC

Test No: 2024326-C004

Voltage(V): 34.400

LampCAT: Fortimo_SLM_C_1210

Current(A): 0.720

Lamp flux(lm): 4230.0

Power (W): 24.768

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 3567.83, Efficiency(%): 84.35% , Luminous Efficacy(lm/W): 144.05

Central intensity(cd): 14618.040, Maximum intensity(cd): 14618.040

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=21.4

[C90/270]Total=21.4

Field angle(10%Imax): [C0/180]Total=54.6

[C90/270]Total=54.6

Maximum s/h(1/2): C0_180=0.36 C90_270=0.36

Maximum s/h(1/4): C0_180=0.39 C90_270=0.39

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 84.35%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.922%

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	14618.043	0.000	0	0.00%	0.00%
1.0	14555.863	13.959	13.959	0.33%	0.39%
2.0	14350.302	41.489	55.448	0.98%	1.55%
3.0	14040.865	67.902	123.35	1.61%	3.46%
4.0	13495.874	92.174	215.525	2.18%	6.04%
5.0	12388.950	111.355	326.88	2.63%	9.16%
6.0	11988.071	128.108	454.988	3.03%	12.75%
7.0	11065.976	143.096	598.084	3.38%	16.76%
8.0	10102.183	151.497	749.58	3.58%	21.01%
9.0	9031.295	155.066	904.647	3.67%	25.36%
10.0	7941.240	153.595	1058.242	3.63%	29.66%
11.0	6976.862	149.063	1207.304	3.52%	33.84%
12.0	6055.938	142.467	1349.771	3.37%	37.83%
13.0	5363.690	135.522	1485.294	3.20%	41.63%
14.0	4757.982	129.557	1614.85	3.06%	45.26%
15.0	4244.812	123.594	1738.445	2.92%	48.73%
16.0	3796.969	117.835	1856.279	2.79%	52.03%
17.0	3435.446	112.628	1968.907	2.66%	55.19%
18.0	3108.086	107.889	2076.796	2.55%	58.21%
19.0	2854.245	103.732	2180.528	2.45%	61.12%
20.0	2739.248	102.376	2282.905	2.42%	63.99%
21.0	2397.945	98.645	2381.549	2.33%	66.75%
22.0	2187.556	92.148	2473.697	2.18%	69.33%
23.0	2027.863	88.451	2562.148	2.09%	71.81%
24.0	1892.457	85.712	2647.86	2.03%	74.21%
25.0	1773.656	83.359	2731.219	1.97%	76.55%
26.0	1661.293	81.082	2812.302	1.92%	78.82%
27.0	1521.570	77.869	2890.171	1.84%	81.01%
28.0	1308.197	71.644	2961.815	1.69%	83.01%
29.0	1229.850	66.402	3028.217	1.57%	84.88%
30.0	1112.462	63.242	3091.459	1.50%	86.65%
31.0	958.211	57.624	3149.083	1.36%	88.26%
32.0	824.150	51.063	3200.146	1.21%	89.69%
33.0	686.586	44.507	3244.653	1.05%	90.94%
34.0	568.166	37.972	3282.625	0.90%	92.01%
35.0	448.970	31.588	3314.214	0.75%	92.89%
36.0	344.259	25.257	3339.47	0.60%	93.60%
37.0	263.124	19.809	3359.28	0.47%	94.15%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	230.805	16.487	3375.766	0.39%	94.62%
39.0	132.473	12.400	3388.166	0.29%	94.96%
40.0	100.966	8.142	3396.307	0.19%	95.19%
41.0	90.586	6.821	3403.129	0.16%	95.38%
42.0	83.841	6.337	3409.466	0.15%	95.56%
43.0	78.566	6.016	3415.482	0.14%	95.73%
44.0	73.621	5.744	3421.226	0.14%	95.89%
45.0	69.078	5.484	3426.71	0.13%	96.04%
46.0	65.106	5.248	3431.958	0.12%	96.19%
47.0	61.507	5.036	3436.993	0.12%	96.33%
48.0	58.288	4.843	3441.836	0.11%	96.47%
49.0	55.655	4.679	3446.515	0.11%	96.60%
50.0	53.226	4.540	3451.055	0.11%	96.73%
51.0	51.324	4.423	3455.478	0.10%	96.85%
52.0	49.751	4.337	3459.815	0.10%	96.97%
53.0	48.640	4.280	3464.095	0.10%	97.09%
54.0	47.725	4.247	3468.343	0.10%	97.21%
55.0	47.125	4.234	3472.577	0.10%	97.33%
56.0	46.620	4.236	3476.813	0.10%	97.45%
57.0	46.116	4.240	3481.053	0.10%	97.57%
58.0	45.523	4.238	3485.291	0.10%	97.69%
59.0	44.740	4.220	3489.511	0.10%	97.80%
60.0	43.592	4.173	3493.684	0.10%	97.92%
61.0	42.056	4.087	3497.771	0.10%	98.04%
62.0	40.029	3.955	3501.726	0.09%	98.15%
63.0	37.747	3.783	3505.509	0.09%	98.25%
64.0	34.989	3.569	3509.078	0.08%	98.35%
65.0	32.341	3.332	3512.41	0.08%	98.45%
66.0	29.722	3.097	3515.507	0.07%	98.53%
67.0	27.652	2.885	3518.392	0.07%	98.61%
68.0	26.225	2.729	3521.121	0.06%	98.69%
69.0	25.457	2.637	3523.758	0.06%	98.76%
70.0	24.887	2.586	3526.343	0.06%	98.84%
71.0	24.448	2.550	3528.893	0.06%	98.91%
72.0	23.950	2.517	3531.41	0.06%	98.98%
73.0	23.409	2.477	3533.886	0.06%	99.05%
74.0	22.912	2.435	3536.321	0.06%	99.12%
75.0	22.414	2.395	3538.716	0.06%	99.18%

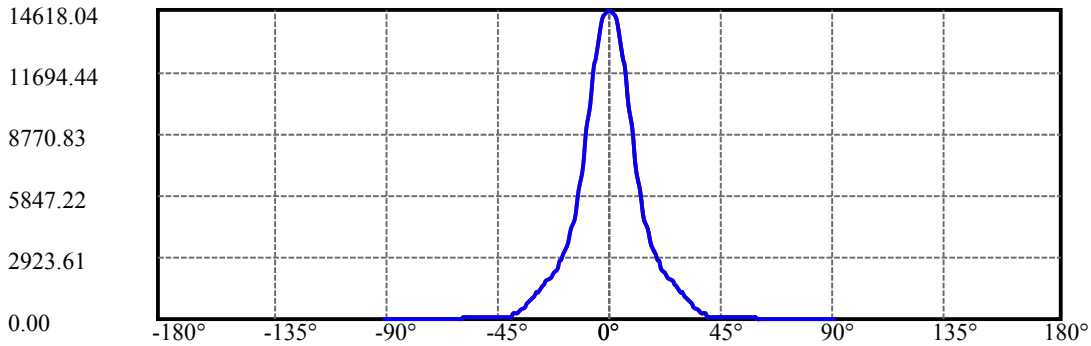
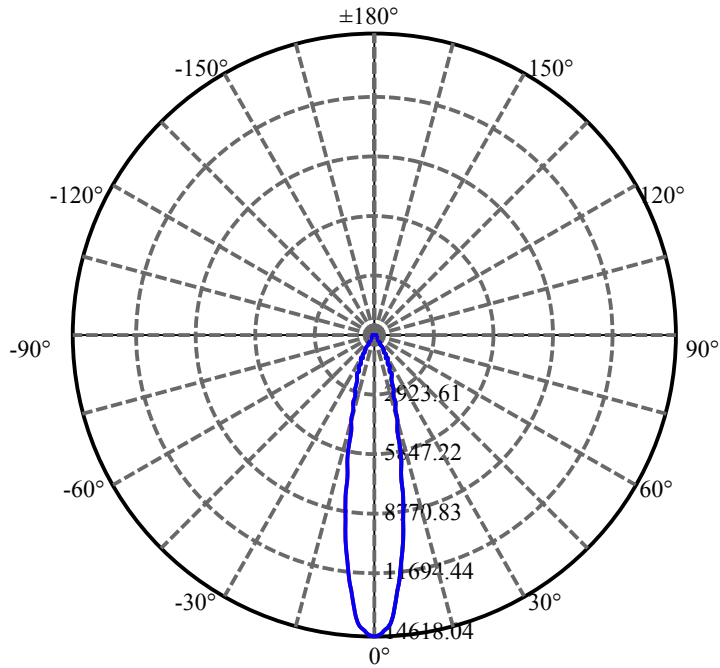
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	21.851	2.350	3541.066	0.06%	99.25%
77.0	21.236	2.297	3543.363	0.05%	99.31%
78.0	20.534	2.236	3545.599	0.05%	99.38%
79.0	19.832	2.169	3547.768	0.05%	99.44%
80.0	19.166	2.102	3549.87	0.05%	99.50%
81.0	18.493	2.037	3551.907	0.05%	99.55%
82.0	17.879	1.972	3553.879	0.05%	99.61%
83.0	17.279	1.911	3555.791	0.05%	99.66%
84.0	16.759	1.854	3557.645	0.04%	99.71%
85.0	16.277	1.803	3559.448	0.04%	99.77%
86.0	15.779	1.752	3561.2	0.04%	99.81%
87.0	15.391	1.706	3562.906	0.04%	99.86%
88.0	15.106	1.671	3564.577	0.04%	99.91%
89.0	14.777	1.638	3566.215	0.04%	99.95%
90.0	14.682	1.615	3567.83	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	3091.46	73.08%	86.65%
0-40	3396.31	80.29%	95.19%
0-60	3493.68	82.59%	97.92%
0-90	3566.21	84.31%	99.95%
0-120	3566.21	84.31%	99.95%
0-180	3567.83	84.35%	100.00%
60-90	72.53	1.71%	2.03%
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%
0-26.54	2854.26	67.48%	80.00%

ZONAL LUMEN SUMMARY

0-10	1058.24
10-20	1224.66
20-30	808.55
30-40	304.85
40-50	54.75
50-60	42.63
60-70	32.66
70-80	23.53
80-90	16.34
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: —————

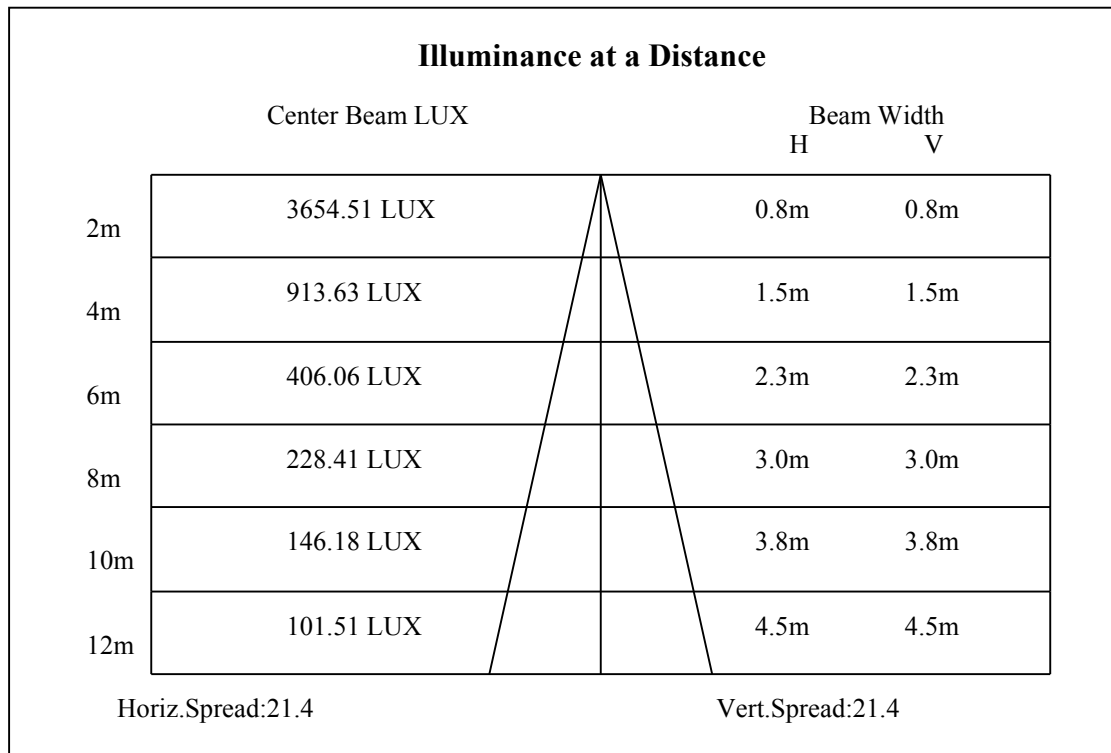
C90/C270: —————

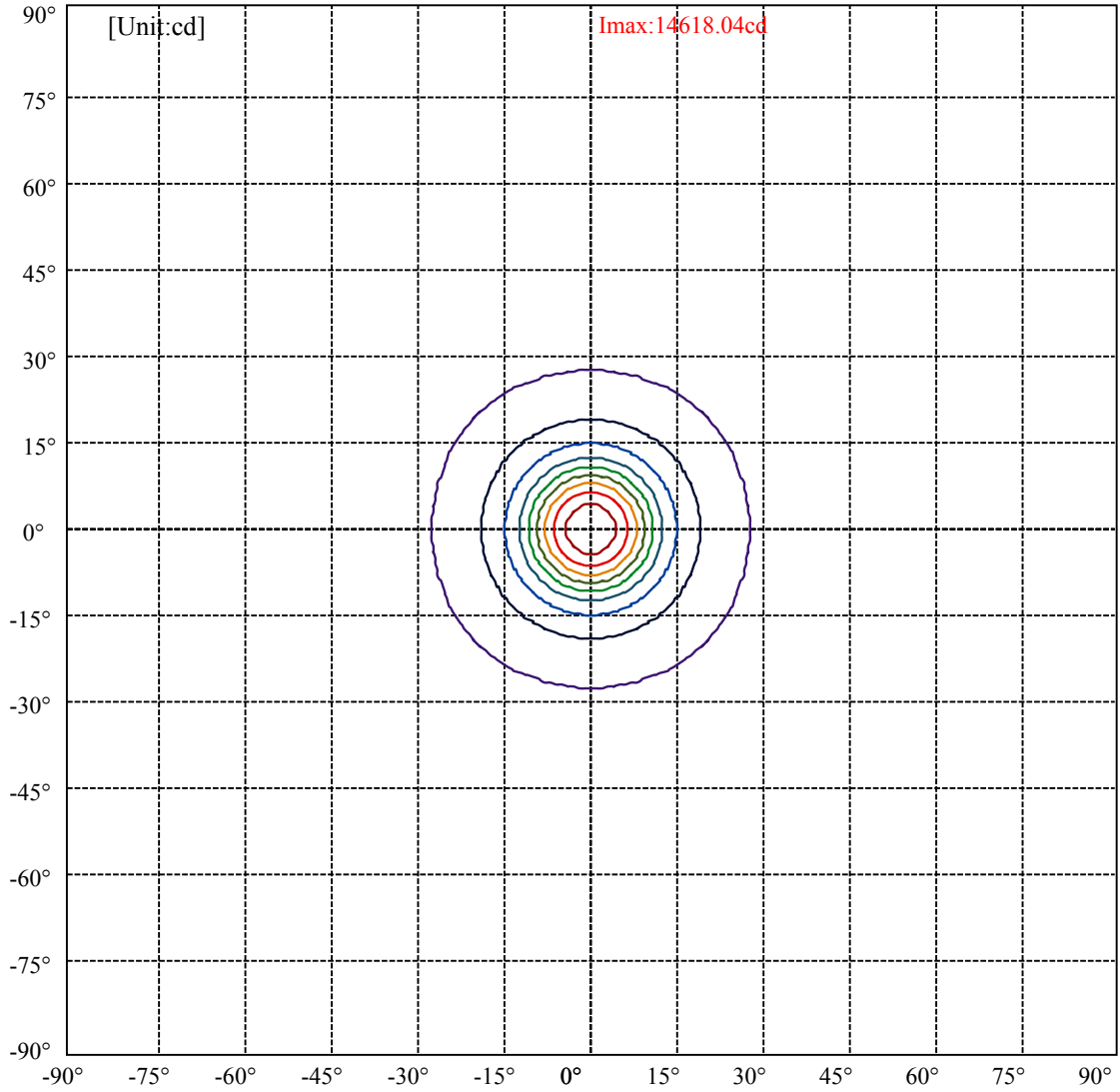
Field angle(10%Imax):C0/180Left:27.3 Right:27.3

:C90/270Left:27.3 Right:27.3

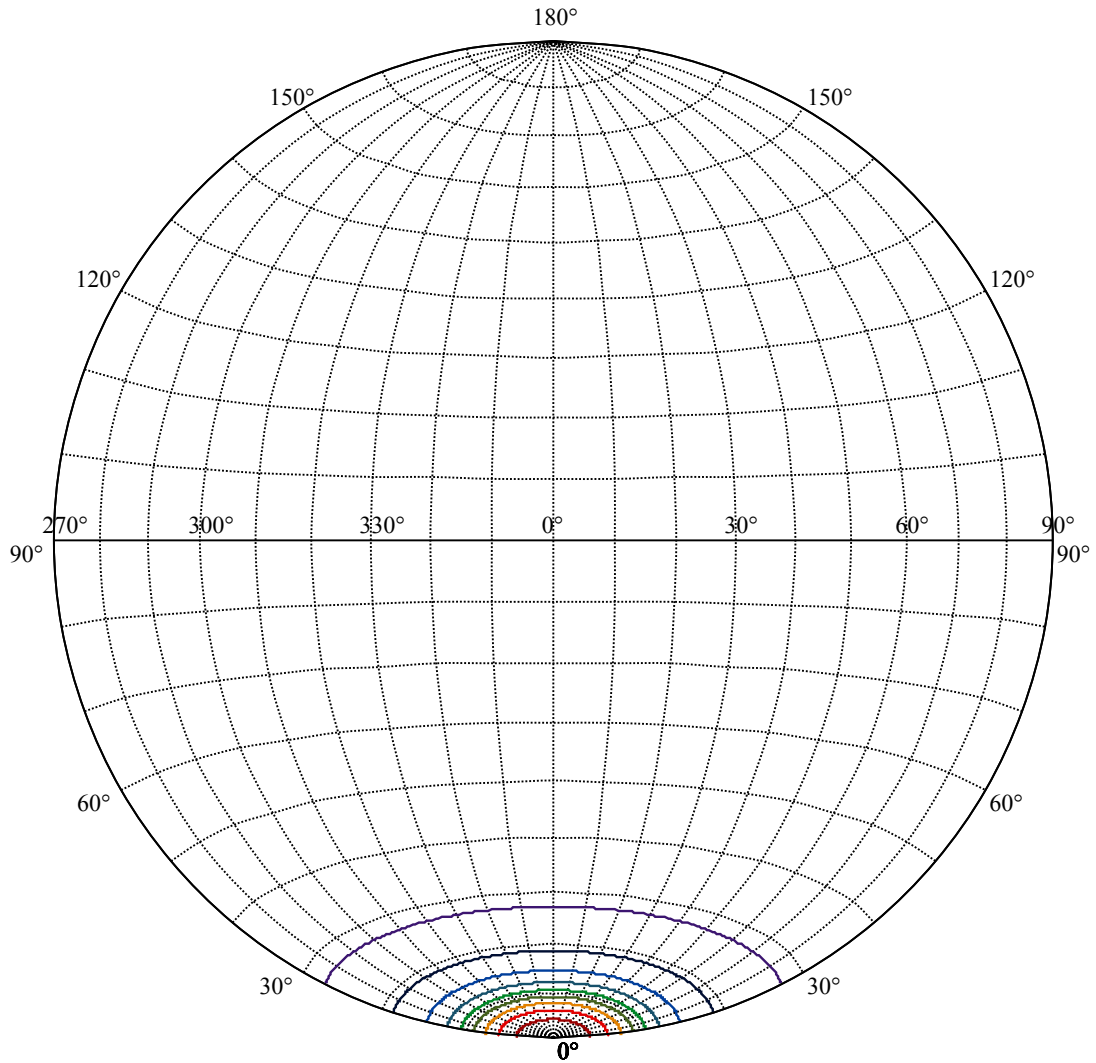
Beam Angle(50%Imax):C0/180Left:10.7 Right:10.7

:C90/270Left:10.7 Right:10.7





(10%Imax) 1461.8	—
(20%Imax) 2923.61	—
(30%Imax) 4385.41	—
(40%Imax) 5847.22	—
(50%Imax) 7309.02	—
(60%Imax) 8770.83	—
(70%Imax) 10232.6	—
(80%Imax) 11694.4	—
(90%Imax) 13156.2	—



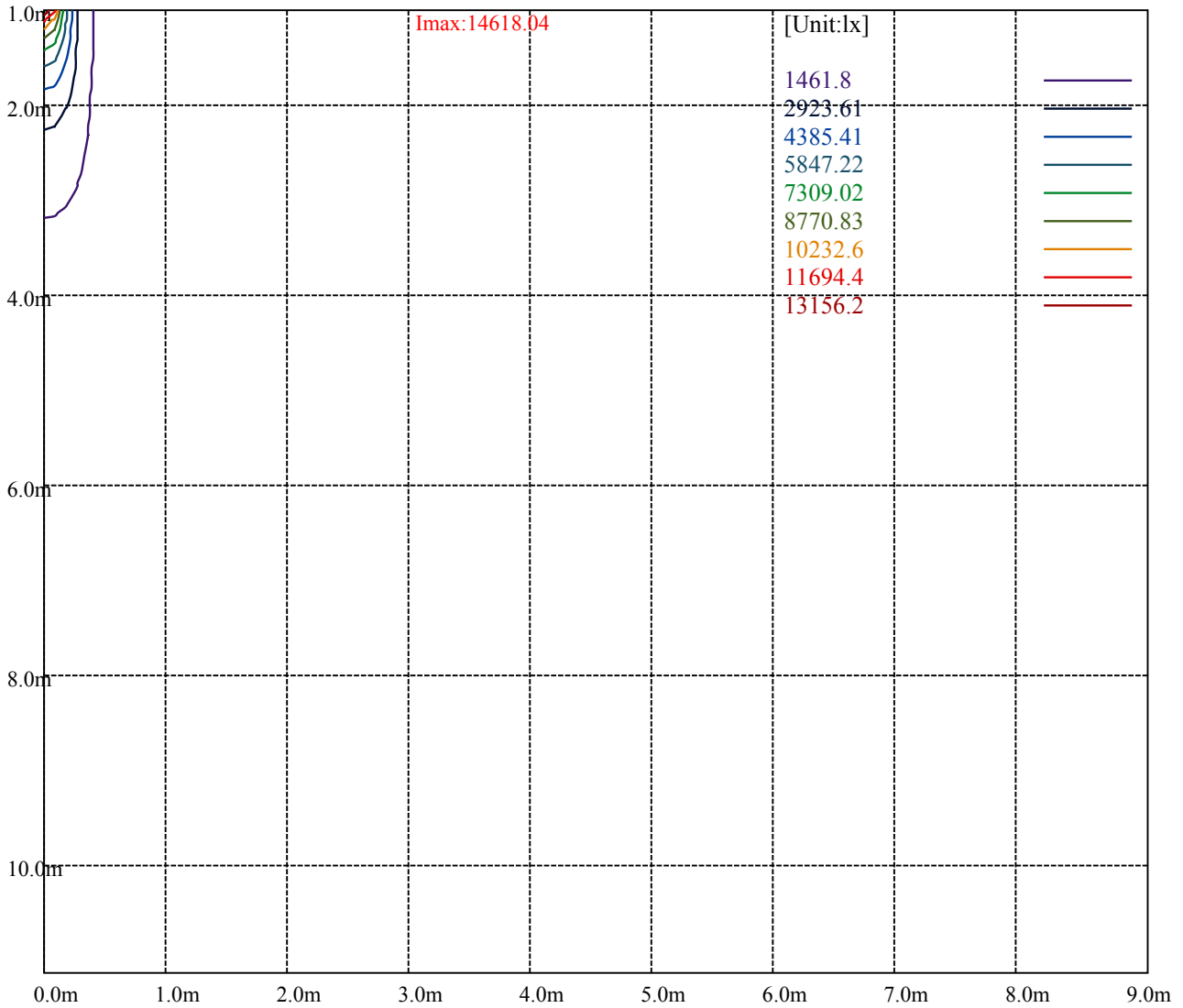
House

[Unit:cd]

Road

Imax:14618.04

(10%Imax)	1461.8	—
(20%Imax)	2923.61	—
(30%Imax)	4385.41	—
(40%Imax)	5847.22	—
(50%Imax)	7309.02	—
(60%Imax)	8770.83	—
(70%Imax)	10232.6	—
(80%Imax)	11694.4	—
(90%Imax)	13156.2	—



Luminance Table

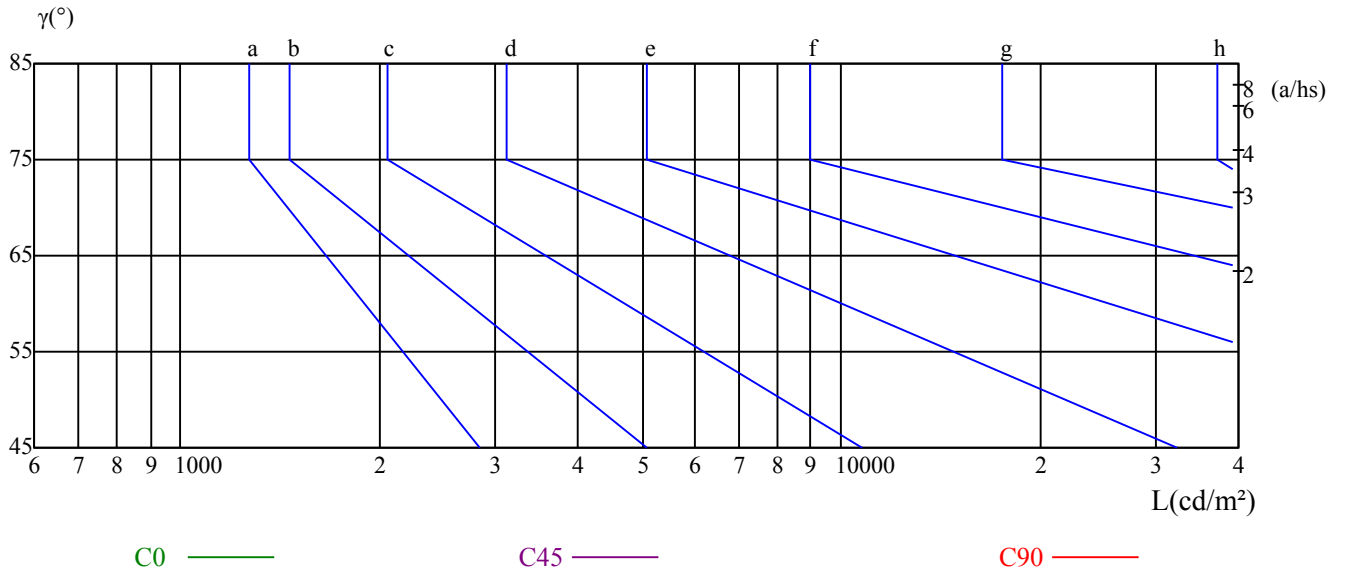
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

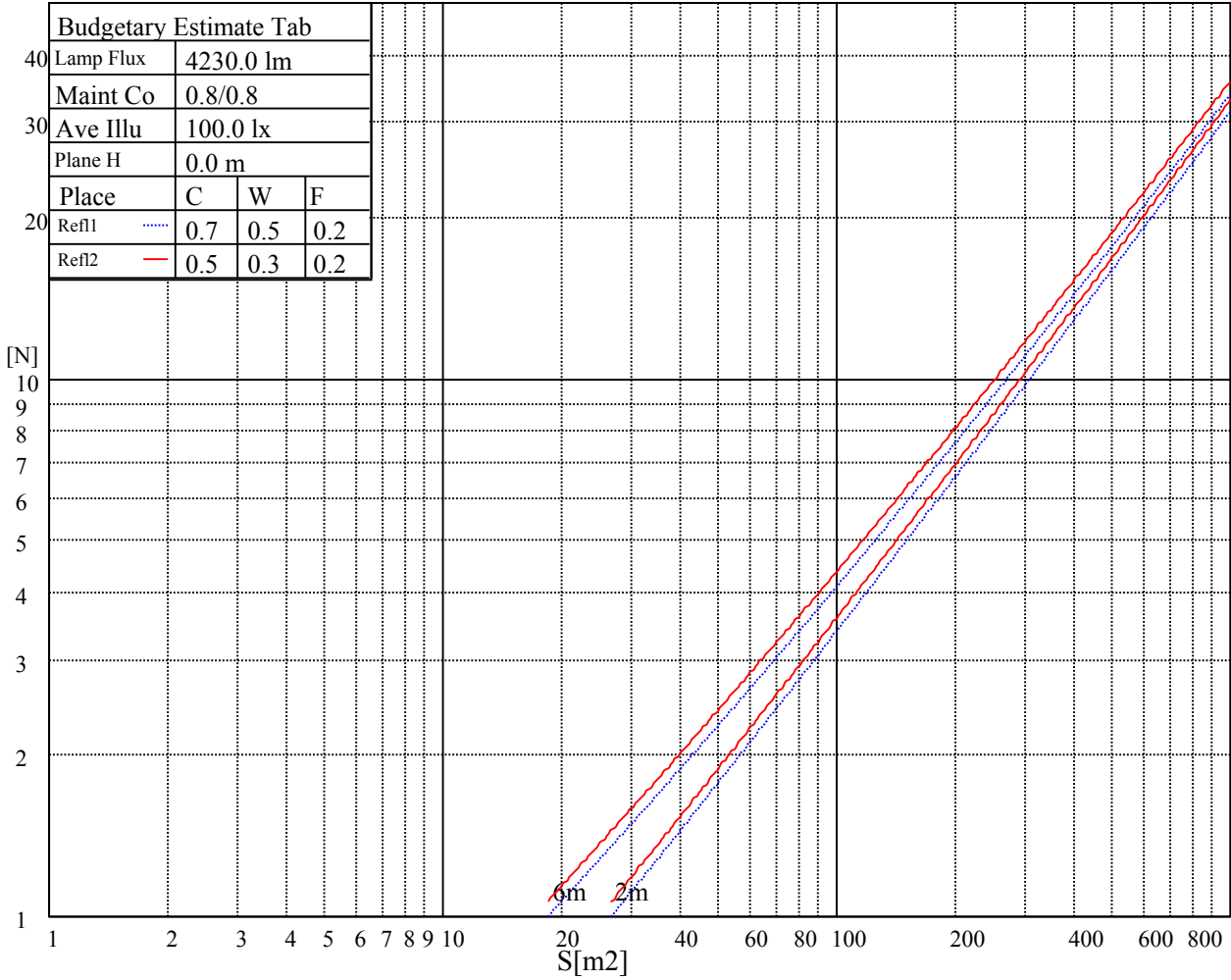
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

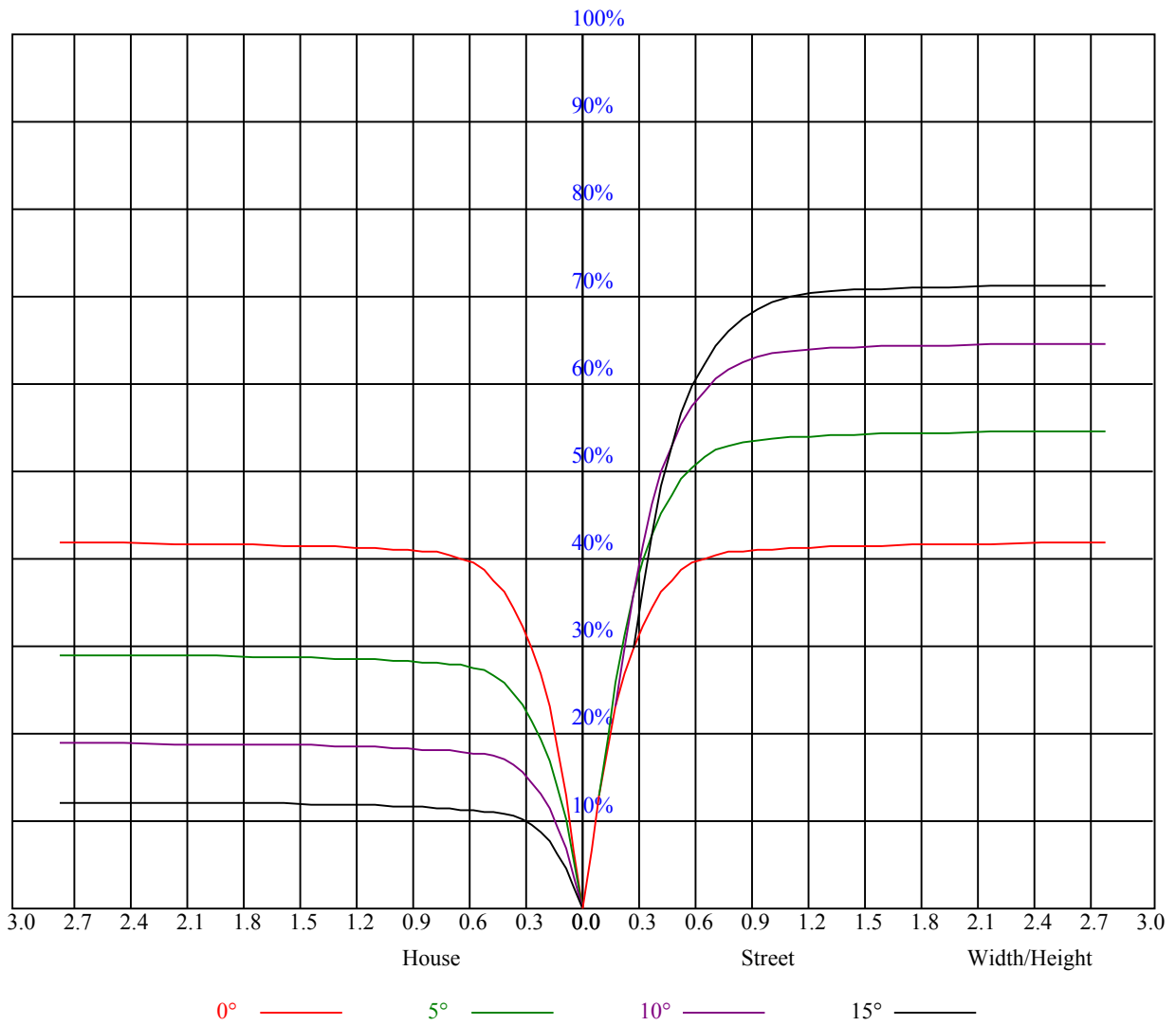


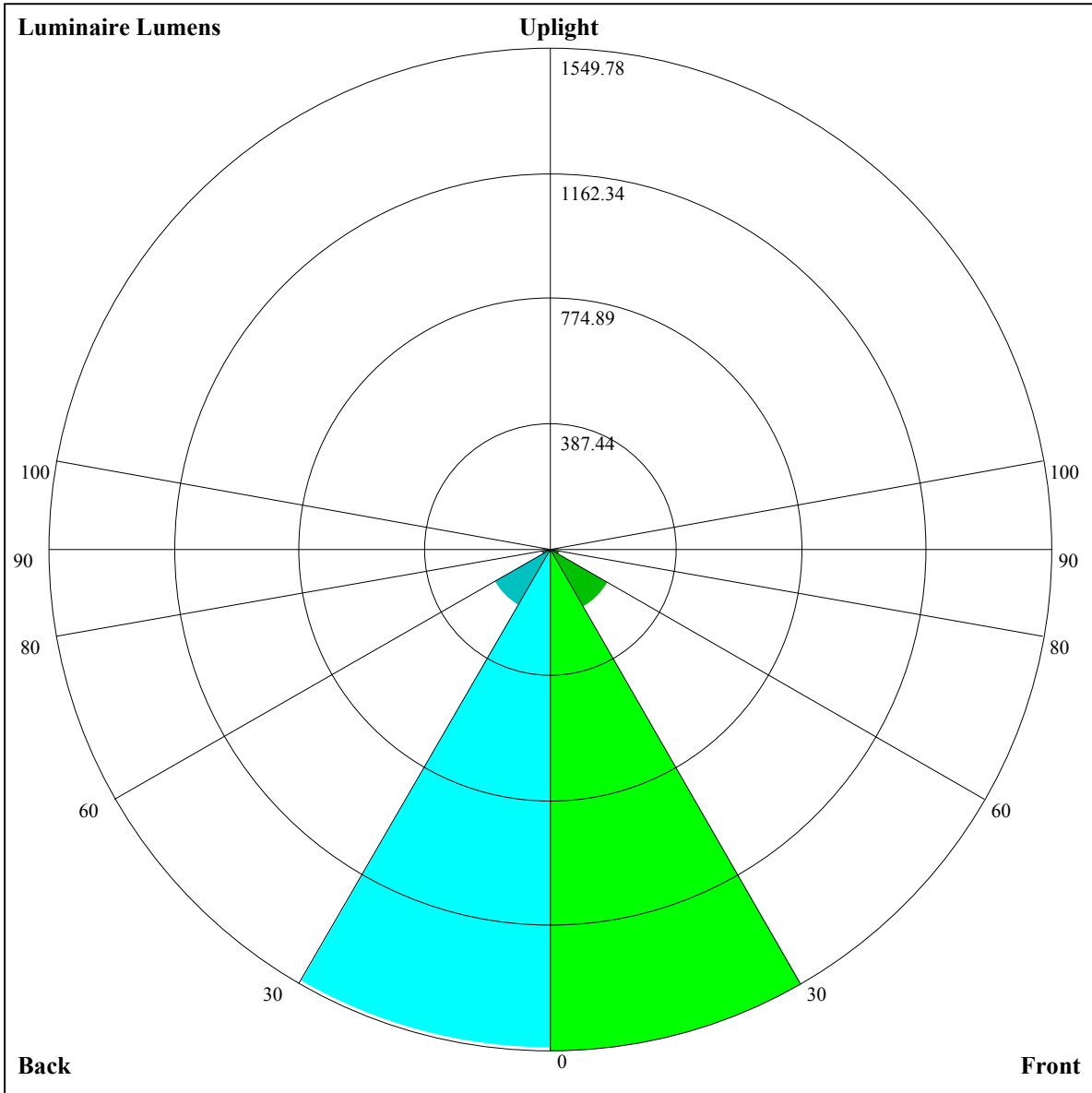
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.00	1.00	1.00	0.98	0.98	0.98	0.94	0.94	0.94	0.90	0.90	0.90	0.86	0.86	0.86	0.84
1	0.94	0.92	0.91	0.92	0.91	0.89	0.89	0.88	0.86	0.86	0.85	0.84	0.83	0.82	0.81	0.80
2	0.89	0.86	0.84	0.88	0.85	0.83	0.85	0.83	0.81	0.82	0.81	0.79	0.80	0.79	0.77	0.76
3	0.84	0.81	0.78	0.83	0.80	0.77	0.81	0.78	0.76	0.79	0.77	0.75	0.77	0.75	0.74	0.73
4	0.80	0.76	0.73	0.79	0.76	0.73	0.78	0.75	0.72	0.76	0.73	0.71	0.75	0.72	0.71	0.69
5	0.77	0.73	0.70	0.76	0.72	0.69	0.75	0.71	0.69	0.73	0.70	0.68	0.72	0.70	0.68	0.67
6	0.74	0.69	0.66	0.73	0.69	0.66	0.72	0.68	0.66	0.71	0.68	0.65	0.70	0.67	0.65	0.64
7	0.71	0.67	0.64	0.70	0.66	0.63	0.69	0.66	0.63	0.68	0.65	0.63	0.67	0.65	0.63	0.62
8	0.68	0.64	0.61	0.67	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.61	0.65	0.62	0.60	0.59
9	0.66	0.62	0.59	0.65	0.61	0.59	0.64	0.61	0.59	0.64	0.61	0.58	0.63	0.60	0.58	0.57
10	0.63	0.59	0.57	0.63	0.59	0.57	0.62	0.59	0.57	0.62	0.59	0.56	0.61	0.58	0.56	0.55





Luminaire Lumens:

FL=1549.78,FM=204.03,FH=28.37,FVH=9.04

BL=1541.63,BM=202.52,BH=27.65,BVH=8.96

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	14634.14	14552.20	14283.00	13949.42	13469.54	11617.95	11617.95	10929.14	9963.51
45.0	14616.58	14622.43	14517.09	14230.33	13855.79	13340.79	12673.63	11661.19	10759.95
90.0	14604.88	14429.31	14160.10	13768.00	13223.74	11468.71	11468.71	10537.62	9574.92
135.0	14616.58	14587.32	14452.72	14201.07	13697.78	13118.40	12187.90	11315.91	10367.85
180.0	14634.14	14604.88	14411.75	14124.99	13715.33	13147.66	12211.30	11321.76	10350.29
225.0	14616.58	14493.68	14189.37	13808.97	12661.93	11479.25	11479.25	10250.27	9233.74
270.0	14604.88	14622.43	14522.94	14318.11	13890.90	13393.46	12720.45	11678.75	10730.69
315.0	14616.58	14534.65	14265.44	13926.01	13451.98	11545.38	11545.38	10833.16	9836.52
360.0	14634.14	14552.20	14283.00	13949.42	13469.54	11617.95	11617.95	10929.14	9963.51
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	8736.88	7770.68	6861.82	5886.84	5234.90	4680.69	4209.00	3711.56	3377.98
45.0	9811.88	8852.11	7664.11	6780.42	5844.06	5206.16	4656.05	4076.68	3696.28
90.0	8365.26	7419.54	6362.04	5650.41	5038.26	4399.78	3973.15	3603.87	3283.76
135.0	9168.13	8208.37	7283.71	6259.57	5574.85	4972.07	4457.07	4024.01	3561.68
180.0	9367.11	8132.29	7184.22	6154.23	5475.37	4878.44	4263.95	3860.14	3497.30
225.0	8224.23	7044.41	6226.85	5531.61	4928.24	4296.78	3877.76	3516.09	3196.56
270.0	9753.36	8495.13	7511.95	6411.73	5680.19	5042.30	4503.89	3947.93	3567.53
315.0	8823.50	7607.40	6720.20	5772.72	5133.65	4587.64	4017.63	3635.48	3302.48
360.0	8736.88	7770.68	6861.82	5886.84	5234.90	4680.69	4209.00	3711.56	3377.98
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	3087.71	2774.03	2556.32	2362.61	2151.35	2010.31	1886.82	1755.15	1647.47
45.0	3362.70	3075.94	3011.57	2742.42	2359.10	2187.63	2005.62	1882.14	1774.46
90.0	2943.16	2703.80	2491.95	2304.67	2102.19	1967.00	1849.37	1722.38	1612.94
135.0	3245.66	2976.45	2976.45	2478.49	2293.56	2095.75	1963.49	1821.86	1717.11
180.0	3187.14	2970.60	2970.60	2414.11	2229.77	2036.06	1910.82	1799.63	1669.12
225.0	2853.62	2616.01	2407.09	2181.19	2027.28	1872.19	1766.27	1666.19	1557.34
270.0	3239.81	3017.42	3017.42	2452.15	2249.08	2099.85	1920.18	1806.06	1704.82
315.0	2944.91	2699.70	2482.58	2247.91	2088.14	1954.12	1837.08	1735.84	1607.09
360.0	3087.71	2774.03	2556.32	2362.61	2151.35	2010.31	1886.82	1755.15	1647.47
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1521.06	1152.25	1152.25	1085.42	953.98	794.09	671.60	553.97	444.19
45.0	1668.53	1515.79	1385.87	1253.03	1087.41	953.98	790.70	666.63	549.00
90.0	1459.02	1159.27	1159.27	1058.03	888.96	758.51	632.57	512.07	377.00
135.0	1600.65	1468.97	1301.60	1169.34	1036.49	904.82	746.81	626.25	513.89
180.0	1550.32	1424.50	1255.37	1116.67	949.29	818.79	695.31	580.02	471.75
225.0	1309.79	1137.03	1137.03	1001.20	834.65	706.37	585.40	473.80	348.91
270.0	1575.48	1453.17	1292.82	1161.14	1023.62	891.36	725.74	602.26	487.55
315.0	1487.70	1154.59	1154.59	1054.87	891.30	765.30	644.57	530.33	399.47
360.0	1521.06	1152.25	1152.25	1085.42	953.98	794.09	671.60	553.97	444.19
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	320.76	236.20	167.32	110.84	94.10	85.44	79.65	75.14	71.10
45.0	438.39	314.91	314.91	215.07	119.50	98.79	91.47	85.03	80.00
90.0	285.88	209.57	149.99	107.80	96.74	89.31	81.70	76.84	71.40
135.0	408.55	313.74	313.74	148.00	109.03	98.43	89.48	83.57	78.01
180.0	349.44	305.55	305.55	132.90	100.60	92.35	85.38	80.12	74.91
225.0	262.01	189.50	125.88	101.07	90.71	84.39	79.47	75.26	70.29
270.0	383.38	312.57	312.57	138.70	106.63	92.06	85.50	79.94	74.56
315.0	305.66	222.97	156.49	105.40	90.42	83.92	78.07	72.63	68.71
360.0	320.76	236.20	167.32	110.84	94.10	85.44	79.65	75.14	71.10

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	66.36	62.85	59.69	57.00	54.19	52.26	50.74	49.16	48.34
45.0	74.50	70.40	65.60	62.15	59.11	56.01	53.96	52.14	50.39
90.0	67.18	63.50	59.63	57.06	54.66	52.73	50.91	49.63	48.69
135.0	72.22	68.06	64.26	60.75	57.70	54.43	52.32	50.56	49.22
180.0	70.81	65.95	62.50	58.82	56.24	53.96	51.91	50.15	49.04
225.0	66.60	63.09	59.87	56.47	54.13	52.14	50.10	48.81	47.99
270.0	70.58	65.78	62.27	59.22	56.53	53.49	51.56	49.98	48.57
315.0	64.37	61.21	58.23	54.84	52.67	50.80	49.10	47.58	46.88
360.0	66.36	62.85	59.69	57.00	54.19	52.26	50.74	49.16	48.34
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	47.58	47.11	46.82	46.35	45.82	44.83	43.89	42.19	40.09
45.0	49.45	48.75	47.99	47.52	46.76	46.35	45.24	43.83	42.02
90.0	48.11	47.34	47.05	46.35	45.47	44.42	42.96	41.02	39.21
135.0	47.93	47.23	46.47	46.00	45.47	44.77	43.83	42.49	40.79
180.0	47.99	47.52	46.70	46.41	45.94	45.30	44.13	42.84	40.73
225.0	47.23	46.53	46.23	45.59	44.95	43.89	42.31	40.50	38.39
270.0	47.40	46.70	46.23	45.71	45.06	44.59	43.42	42.31	39.85
315.0	46.12	45.82	45.47	45.00	44.71	43.77	42.96	41.26	39.15
360.0	47.58	47.11	46.82	46.35	45.82	44.83	43.89	42.19	40.09
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	37.69	35.41	32.54	29.67	27.62	26.10	25.11	24.40	23.99
45.0	40.26	37.04	35.05	31.60	29.73	28.32	28.56	29.44	30.43
90.0	36.64	33.59	30.90	28.85	26.98	25.57	24.76	24.11	23.58
135.0	38.33	35.76	33.30	30.55	27.68	26.10	24.93	23.88	23.29
180.0	38.51	36.05	32.60	30.31	27.97	26.69	25.34	24.76	24.35
225.0	35.99	32.77	30.37	28.15	26.69	25.46	25.40	24.76	23.47
270.0	38.04	35.58	33.30	29.96	28.03	26.34	25.28	24.17	23.53
315.0	36.52	33.71	30.67	28.68	26.51	25.22	24.29	23.58	22.94
360.0	37.69	35.41	32.54	29.67	27.62	26.10	25.11	24.40	23.99
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	23.70	23.41	23.29	22.88	22.24	21.54	20.60	19.61	18.96
45.0	30.14	29.32	28.21	27.21	26.22	25.22	23.82	22.94	21.59
90.0	23.23	22.94	22.59	22.18	21.65	20.95	20.31	19.66	18.84
135.0	22.65	22.00	21.48	20.95	20.48	20.07	19.66	19.14	18.79
180.0	23.99	23.53	23.23	23.06	22.71	22.00	21.19	20.07	19.25
225.0	22.65	21.89	21.42	20.95	20.54	20.01	19.55	19.14	18.67
270.0	22.94	22.47	21.83	21.30	20.72	20.25	19.84	19.25	18.84
315.0	22.30	21.71	21.24	20.78	20.25	19.84	19.31	18.84	18.38
360.0	23.70	23.41	23.29	22.88	22.24	21.54	20.60	19.61	18.96
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	18.32	17.67	17.21	16.80	16.33	15.86	15.39	15.16	14.81
45.0	20.48	19.37	17.79	17.21	16.56	16.15	15.63	15.33	15.04
90.0	18.32	17.73	17.32	16.56	16.15	15.57	15.27	14.98	14.69
135.0	18.32	17.73	17.21	16.74	16.27	15.86	15.45	15.10	14.75
180.0	18.26	17.79	17.32	16.91	16.44	15.80	15.39	15.16	14.75
225.0	18.02	17.44	17.03	16.50	15.86	15.51	15.22	14.92	14.69
270.0	18.38	17.91	17.44	16.91	16.50	15.86	15.51	15.22	14.86
315.0	17.85	17.38	16.91	16.44	16.09	15.63	15.27	14.98	14.63
360.0	18.32	17.67	17.21	16.80	16.33	15.86	15.39	15.16	14.81

Intensity data(cd)

C/γ(°)	90.0
0.0	14.69
45.0	14.75
90.0	14.69
135.0	14.63
180.0	14.75
225.0	14.69
270.0	14.63
315.0	14.63
360.0	14.69