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Nata

Client:

LumCAT: 2-2763-L

Luminaire: 92.70.412.00

Report No: 2024826-B018

Ballast type: AC

Test No: 2024826-C018

Voltage(V): 34.890

LampCAT: Fortimo_SLM_C_1210

Current(A): 0.715

Lamp flux(lm): 4003.0

Power (W): 24.940

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 3726.59, Efficiency(%): 93.09% , Luminous Efficacy(lm/W): 149.42

Central intensity(cd): 5385.685, Maximum intensity(cd): 5386.526

Angle of maximum intensity: C=0.0 $\gamma=1.0$

Beam Angle(50%Imax): [C0/180]Total=51.2

[C90/270]Total=51.2

Field angle(10%Imax): [C0/180]Total=74.0

[C90/270]Total=74.0

Maximum s/h(1/2): C0_180=0.80 C90_270=0.80

Maximum s/h(1/4): C0_180=0.79 C90_270=0.79

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 93.10%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 99.033%

Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2024/8/26
Humidity(%): 60.0%

Operator: NT
Distance(m): 7.25

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	5385.685	0.000	0	0.00%	0.00%
1.0	5386.526	5.154	5.154	0.13%	0.14%
2.0	5382.420	15.457	20.611	0.39%	0.55%
3.0	5374.884	25.728	46.339	0.64%	1.24%
4.0	5354.548	35.915	82.254	0.90%	2.21%
5.0	5337.643	45.997	128.251	1.15%	3.44%
6.0	5314.364	55.979	184.23	1.40%	4.94%
7.0	5263.451	65.656	249.886	1.64%	6.71%
8.0	5212.058	74.971	324.858	1.87%	8.72%
9.0	5148.878	83.970	408.827	2.10%	10.97%
10.0	5073.319	92.507	501.334	2.31%	13.45%
11.0	4984.738	100.501	601.835	2.51%	16.15%
12.0	4891.552	107.962	709.797	2.70%	19.05%
13.0	4782.005	114.801	824.598	2.87%	22.13%
14.0	4663.956	120.907	945.505	3.02%	25.37%
15.0	4528.831	126.203	1071.708	3.15%	28.76%
16.0	4382.096	130.570	1202.278	3.26%	32.26%
17.0	4234.100	134.177	1336.455	3.35%	35.86%
18.0	4061.728	136.780	1473.236	3.42%	39.53%
19.0	3894.027	138.414	1611.649	3.46%	43.25%
20.0	3703.817	139.062	1750.711	3.47%	46.98%
21.0	3514.815	138.612	1889.323	3.46%	50.70%
22.0	3350.721	137.966	2027.289	3.45%	54.40%
23.0	3150.984	136.423	2163.713	3.41%	58.06%
24.0	2967.324	133.768	2297.481	3.34%	61.65%
25.0	2798.086	131.093	2428.574	3.27%	65.17%
26.0	2624.321	127.997	2556.57	3.20%	68.60%
27.0	2452.441	124.204	2680.774	3.10%	71.94%
28.0	2276.101	119.717	2800.491	2.99%	75.15%
29.0	2093.965	114.333	2914.824	2.86%	78.22%
30.0	1882.736	107.370	3022.194	2.68%	81.10%
31.0	1669.227	98.846	3121.04	2.47%	83.75%
32.0	1450.061	89.364	3210.404	2.23%	86.15%
33.0	1235.048	79.104	3289.508	1.98%	88.27%
34.0	1026.914	68.454	3357.962	1.71%	90.11%
35.0	871.657	58.963	3416.925	1.47%	91.69%
36.0	722.366	50.754	3467.679	1.27%	93.05%
37.0	541.538	41.221	3508.9	1.03%	94.16%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	419.600	32.081	3540.982	0.80%	95.02%
39.0	332.221	25.662	3566.643	0.64%	95.71%
40.0	228.837	19.568	3586.211	0.49%	96.23%
41.0	192.050	14.988	3601.199	0.37%	96.64%
42.0	161.097	12.830	3614.029	0.32%	96.98%
43.0	118.003	10.339	3624.368	0.26%	97.26%
44.0	98.364	8.166	3632.534	0.20%	97.48%
45.0	82.858	6.965	3639.499	0.17%	97.66%
46.0	71.117	6.022	3645.52	0.15%	97.82%
47.0	61.951	5.292	3650.813	0.13%	97.97%
48.0	54.639	4.713	3655.526	0.12%	98.09%
49.0	48.745	4.246	3659.772	0.11%	98.21%
50.0	43.857	3.861	3663.633	0.10%	98.31%
51.0	39.829	3.541	3667.173	0.09%	98.41%
52.0	36.459	3.274	3670.447	0.08%	98.49%
53.0	33.752	3.054	3673.501	0.08%	98.58%
54.0	31.130	2.860	3676.361	0.07%	98.65%
55.0	29.067	2.687	3679.048	0.07%	98.72%
56.0	27.188	2.542	3681.59	0.06%	98.79%
57.0	25.605	2.414	3684.003	0.06%	98.86%
58.0	24.034	2.295	3686.299	0.06%	98.92%
59.0	22.654	2.183	3688.482	0.05%	98.98%
60.0	21.491	2.086	3690.567	0.05%	99.03%
61.0	20.427	2.000	3692.568	0.05%	99.09%
62.0	19.310	1.915	3694.483	0.05%	99.14%
63.0	18.509	1.839	3696.322	0.05%	99.19%
64.0	17.707	1.777	3698.099	0.04%	99.24%
65.0	17.457	1.740	3699.839	0.04%	99.28%
66.0	17.523	1.745	3701.584	0.04%	99.33%
67.0	17.963	1.784	3703.369	0.04%	99.38%
68.0	18.200	1.832	3705.201	0.05%	99.43%
69.0	18.082	1.851	3707.052	0.05%	99.48%
70.0	17.865	1.846	3708.898	0.05%	99.53%
71.0	17.260	1.815	3710.713	0.05%	99.57%
72.0	16.248	1.742	3712.456	0.04%	99.62%
73.0	14.704	1.619	3714.074	0.04%	99.66%
74.0	13.134	1.464	3715.538	0.04%	99.70%
75.0	11.662	1.310	3716.848	0.03%	99.74%

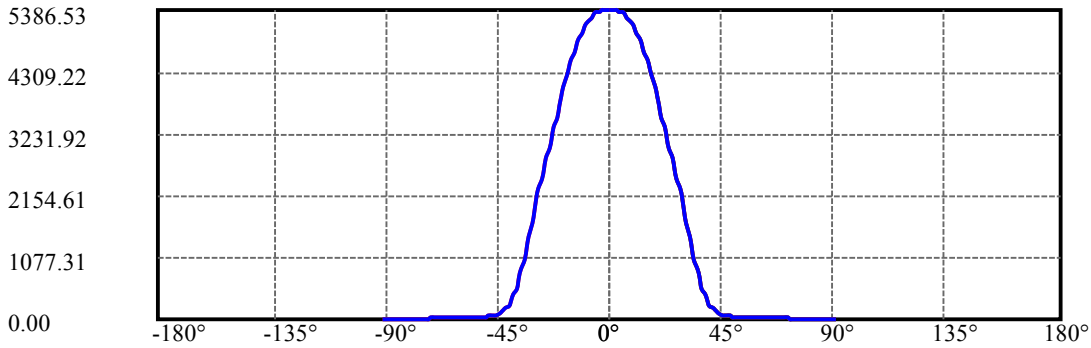
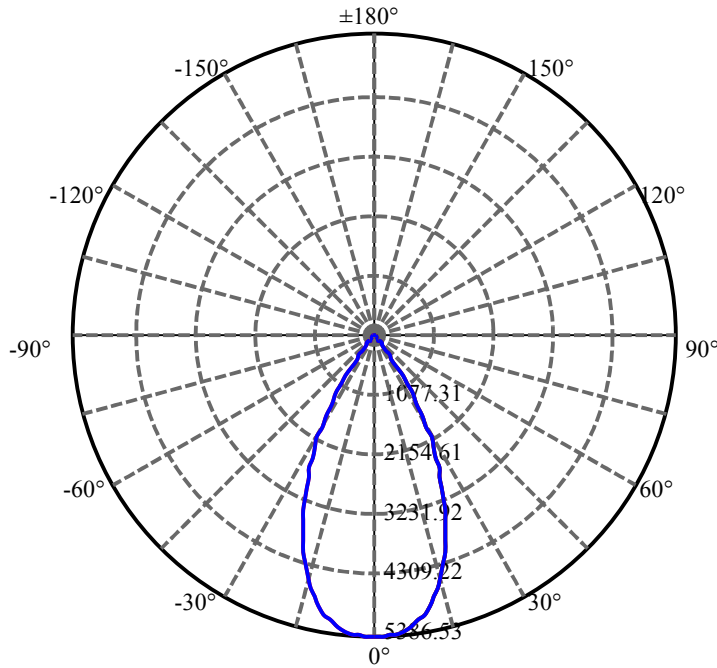
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	10.506	1.177	3718.025	0.03%	99.77%
77.0	9.599	1.072	3719.096	0.03%	99.80%
78.0	8.798	0.985	3720.081	0.02%	99.83%
79.0	8.055	0.905	3720.987	0.02%	99.85%
80.0	7.332	0.830	3721.816	0.02%	99.87%
81.0	6.708	0.759	3722.576	0.02%	99.89%
82.0	6.038	0.691	3723.267	0.02%	99.91%
83.0	5.388	0.621	3723.888	0.02%	99.93%
84.0	4.803	0.555	3724.443	0.01%	99.94%
85.0	4.205	0.492	3724.935	0.01%	99.96%
86.0	3.666	0.430	3725.365	0.01%	99.97%
87.0	3.154	0.373	3725.738	0.01%	99.98%
88.0	2.740	0.323	3726.061	0.01%	99.99%
89.0	2.365	0.280	3726.341	0.01%	99.99%
90.0	2.188	0.250	3726.591	0.01%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	3022.19	75.50%	81.10%
0-40	3586.21	89.59%	96.23%
0-60	3690.57	92.20%	99.03%
0-90	3726.34	93.09%	99.99%
0-120	3726.34	93.09%	99.99%
0-180	3726.59	93.09%	100.00%
60-90	35.77	0.89%	0.96%
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%
0-29.62	2981.27	74.48%	80.00%

ZONAL LUMEN SUMMARY

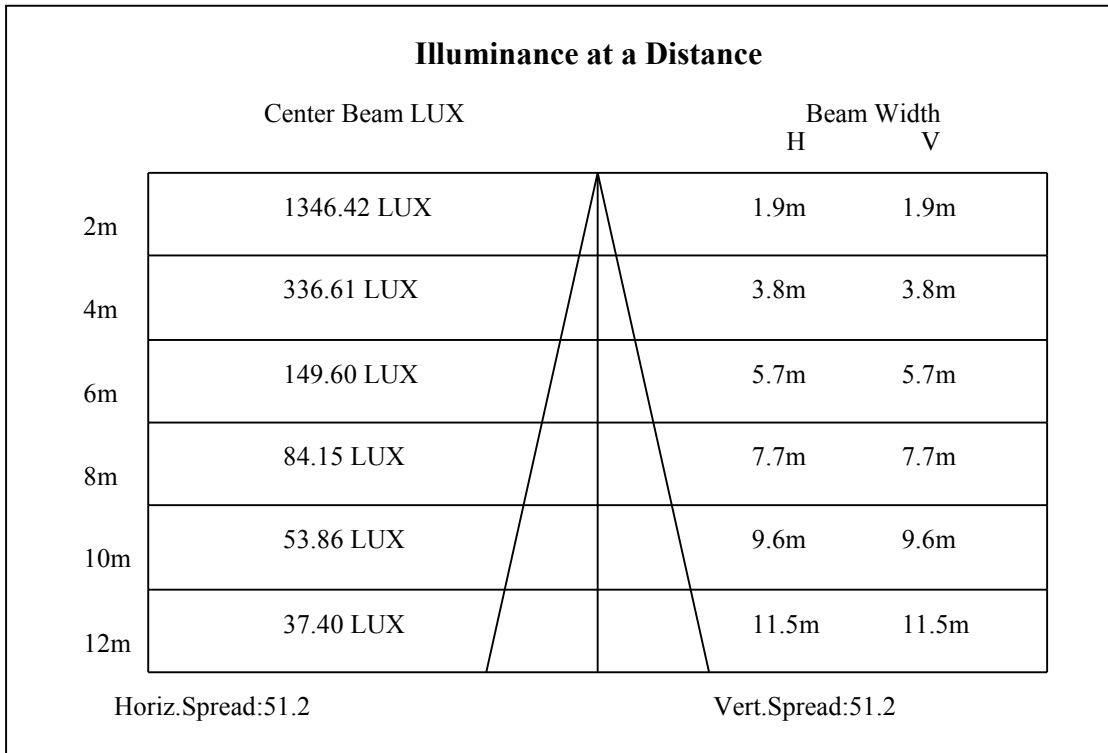
0-10	501.33
10-20	1249.38
20-30	1271.48
30-40	564.02
40-50	77.42
50-60	26.93
60-70	18.33
70-80	12.92
80-90	4.52
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

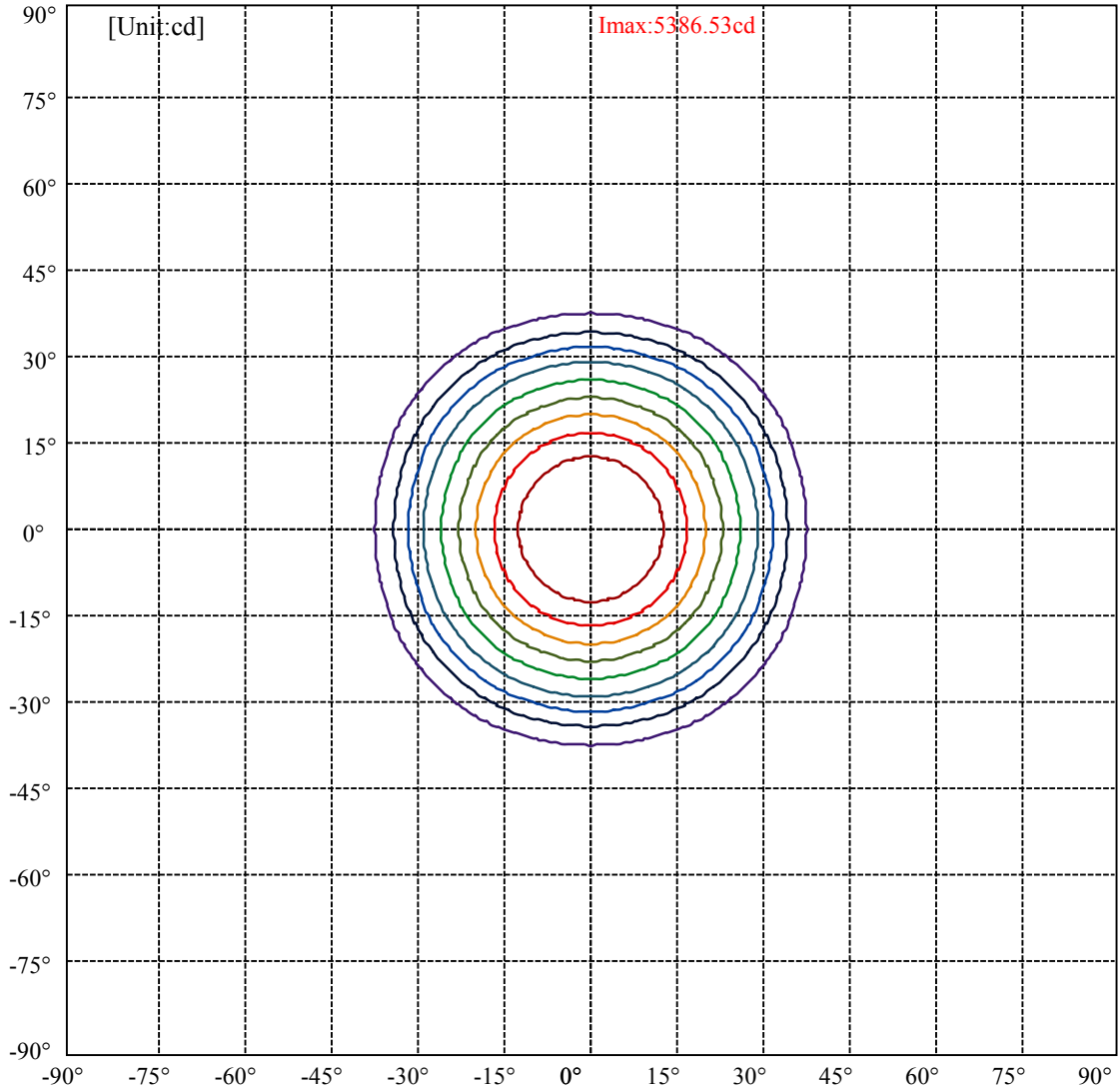


C0(Max): ———
C0/C180: ———
C90/C270: ———

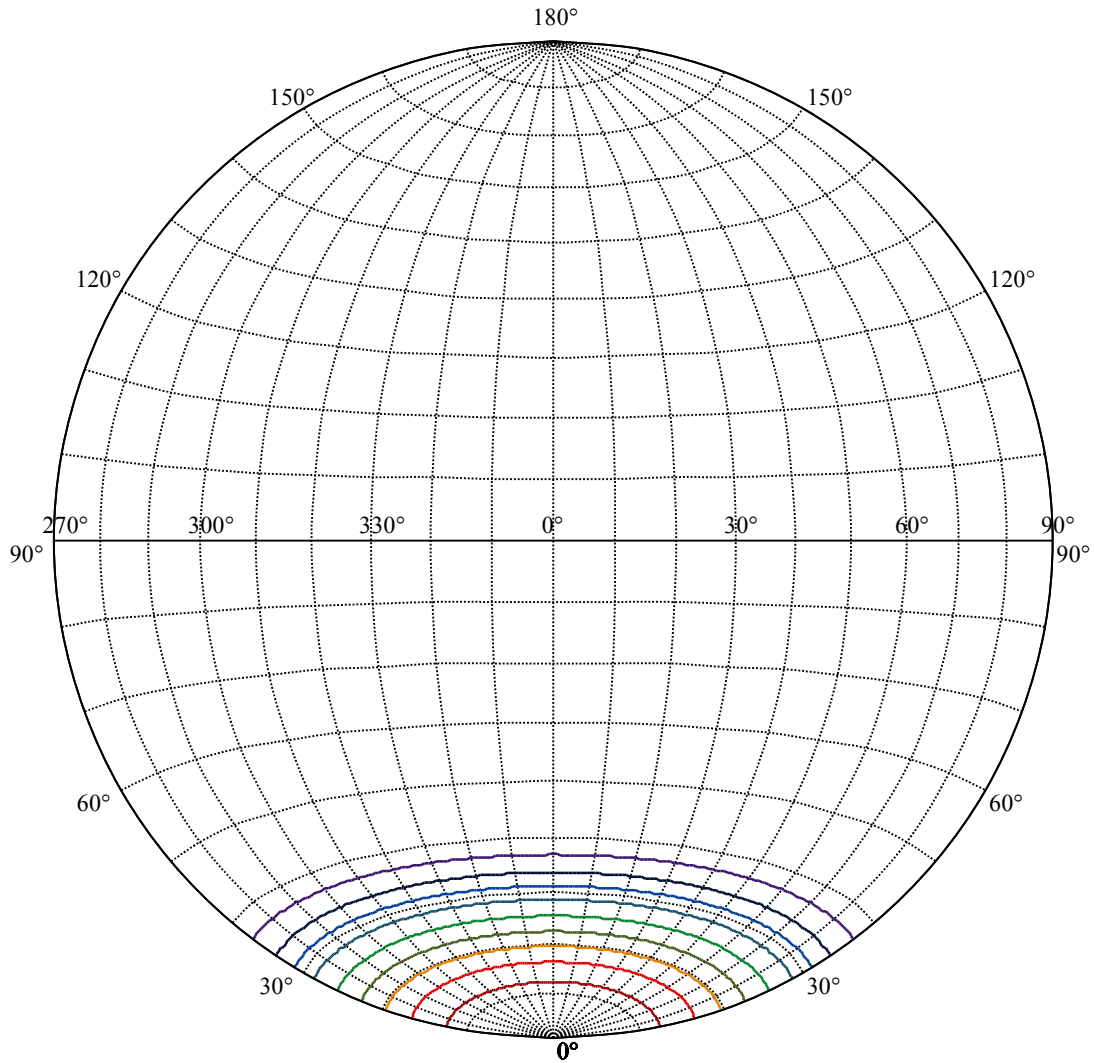
Field angle(10%Imax):C0/180Left:38.0 Right:36.0
:C90/270Left:38.0 Right:36.0

Beam Angle(50%Imax):C0/180Left:26.6 Right:24.6
:C90/270Left:26.6 Right:24.6





(10%Imax) 538.653	—
(20%Imax) 1077.31	—
(30%Imax) 1615.96	—
(40%Imax) 2154.61	—
(50%Imax) 2693.26	—
(60%Imax) 3231.92	—
(70%Imax) 3770.57	—
(80%Imax) 4309.22	—
(90%Imax) 4847.87	—



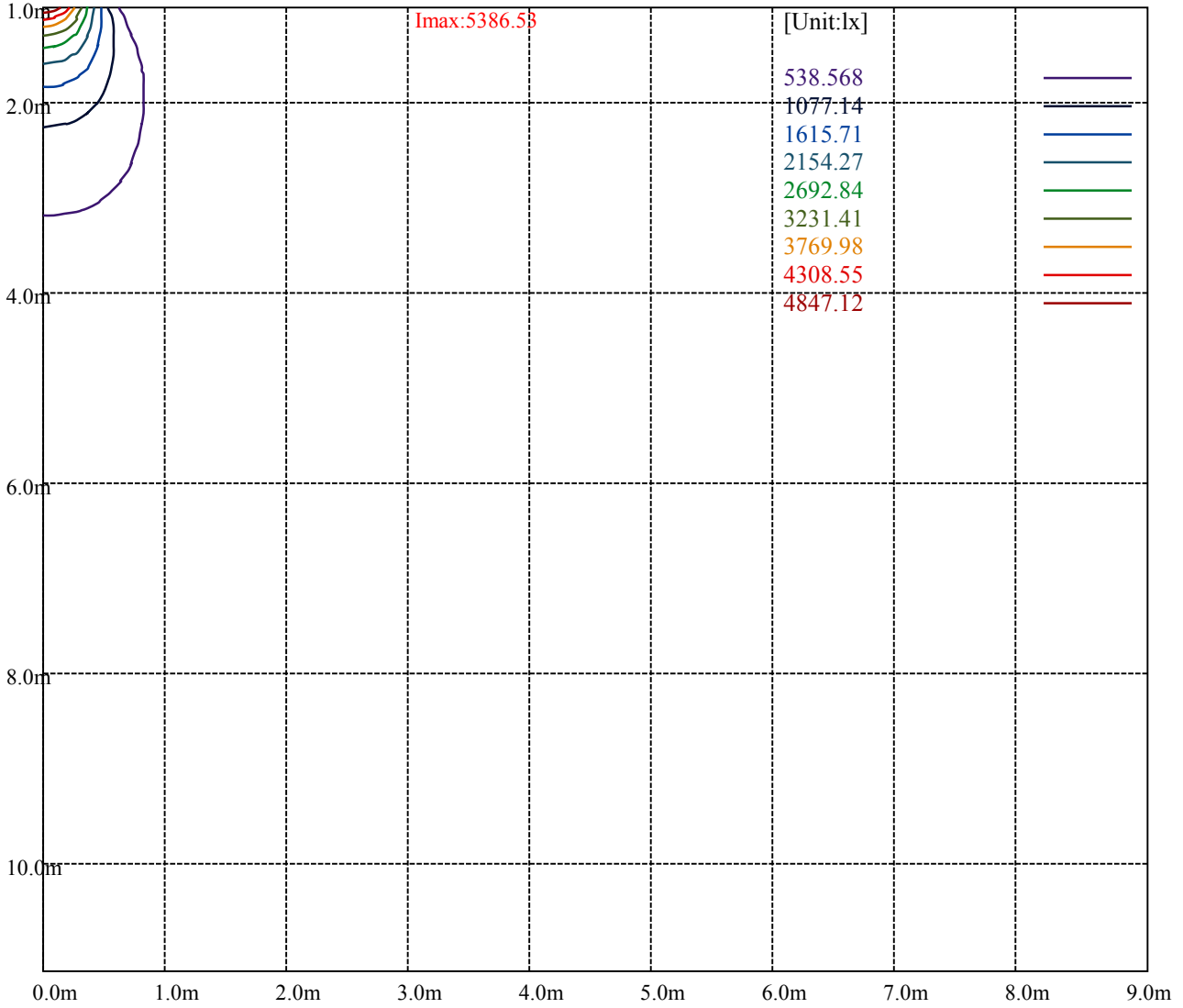
House

[Unit:cd]

Road

I_{max}:5386.53

(10%I _{max}) 538.653	—
(20%I _{max}) 1077.31	—
(30%I _{max}) 1615.96	—
(40%I _{max}) 2154.61	—
(50%I _{max}) 2693.26	—
(60%I _{max}) 3231.92	—
(70%I _{max}) 3770.57	—
(80%I _{max}) 4309.22	—
(90%I _{max}) 4847.87	—



Luminance Table

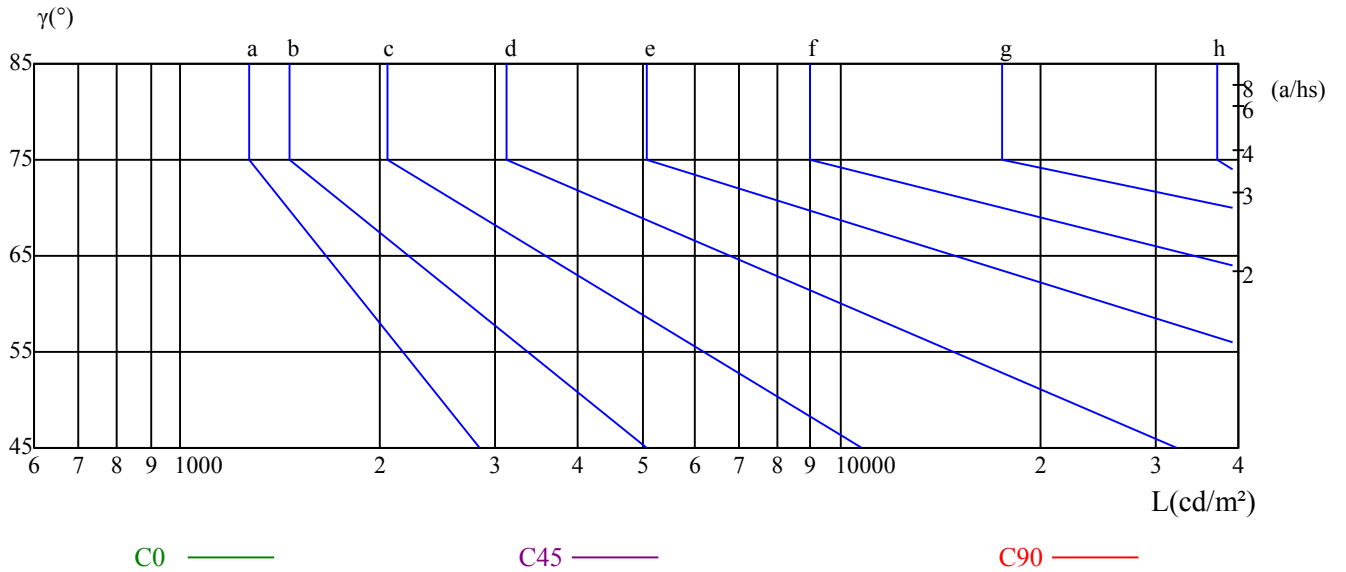
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

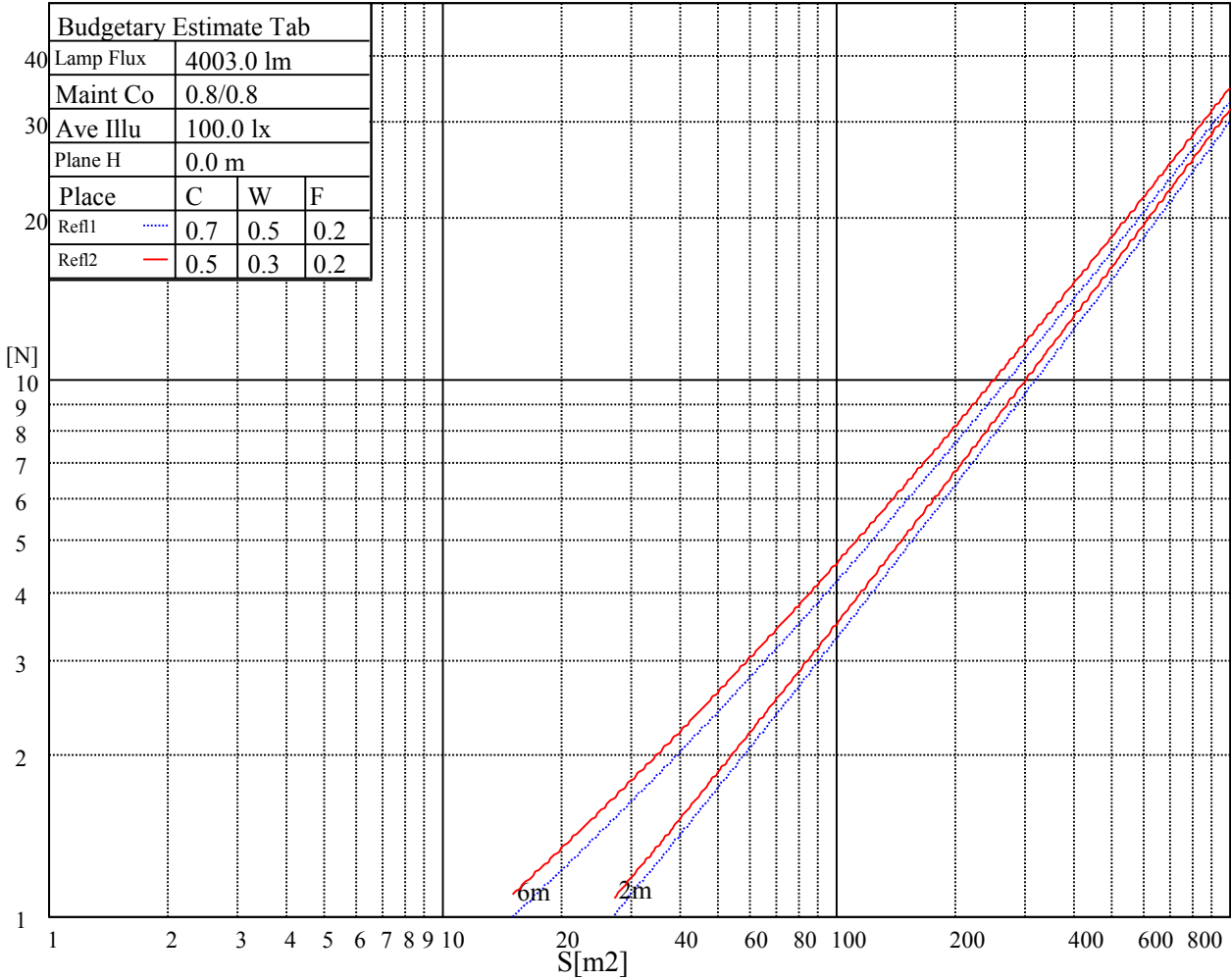
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

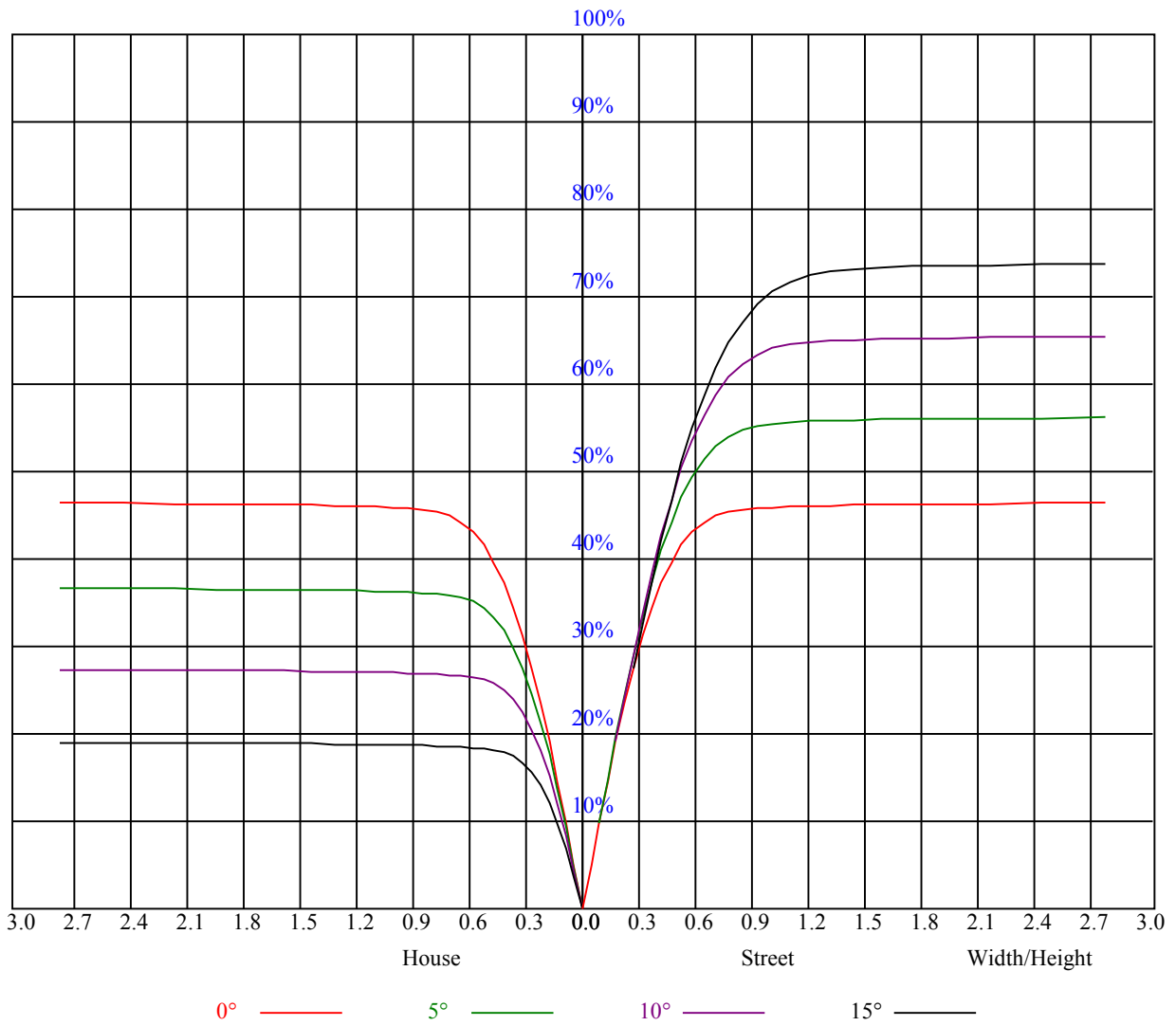


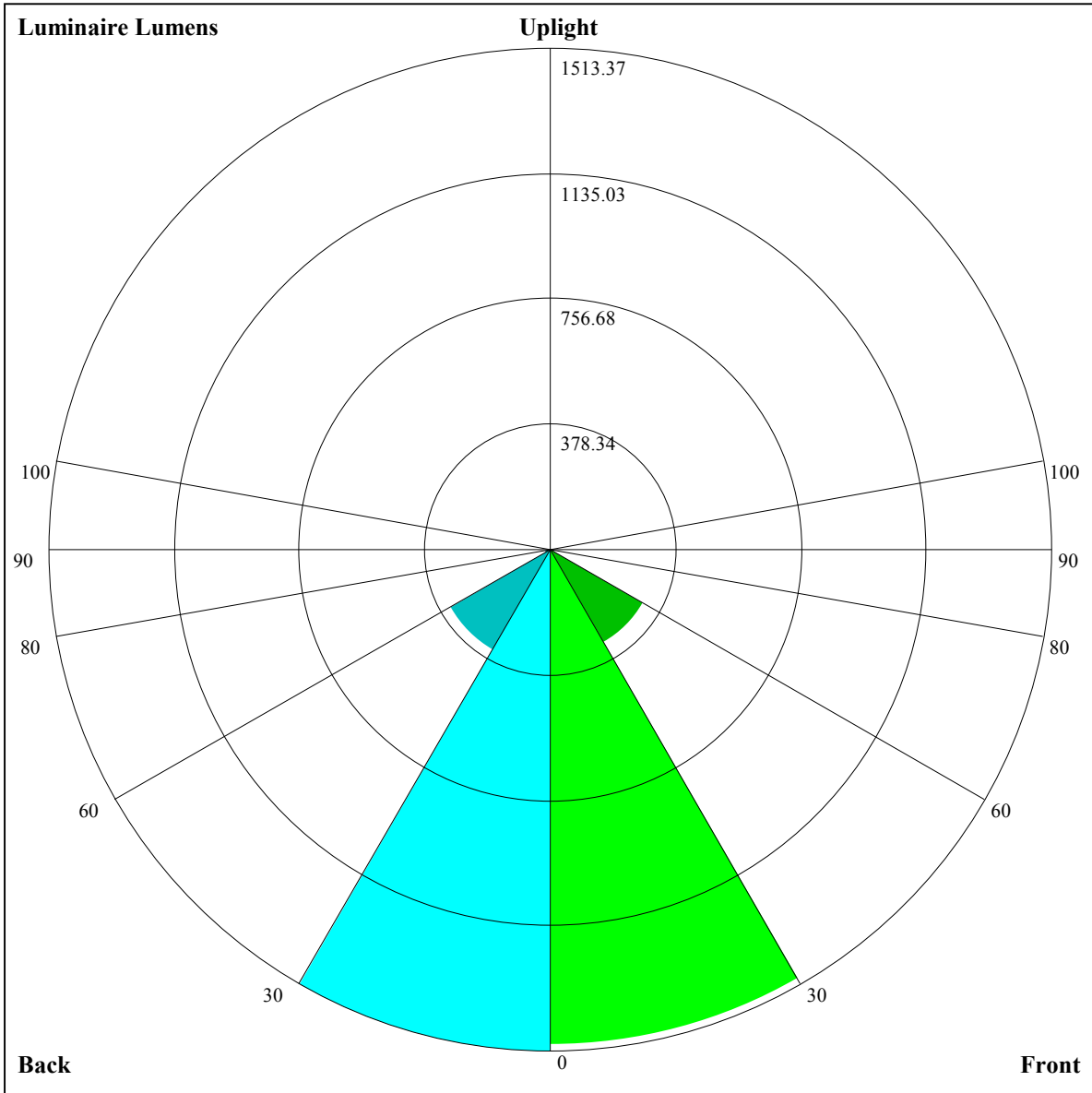
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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 RHOFC=20 CU															
0	1.11	1.11	1.11	1.08	1.08	1.08	1.03	1.03	1.03	0.99	0.99	0.99	0.95	0.95	0.95	0.93
1	1.03	1.01	0.99	1.01	1.00	0.98	0.98	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88
2	0.97	0.93	0.90	0.95	0.92	0.89	0.92	0.90	0.87	0.90	0.87	0.86	0.87	0.85	0.84	0.82
3	0.91	0.87	0.83	0.90	0.86	0.82	0.87	0.84	0.81	0.85	0.82	0.80	0.83	0.81	0.79	0.77
4	0.86	0.81	0.77	0.85	0.80	0.77	0.83	0.79	0.76	0.81	0.78	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	0.69
6	0.76	0.71	0.68	0.76	0.71	0.67	0.74	0.70	0.67	0.73	0.69	0.66	0.72	0.69	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	0.68	0.65	0.62	0.61
8	0.69	0.63	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	0.56	0.63	0.59	0.56	0.62	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	0.60	0.56	0.53	0.60	0.56	0.53	0.52





Luminaire Lumens:

FL=1494.35,FM=322.7,FH=15.48,FVH=2.32

BL=1513.37,BM=350.45,BH=16.12,BVH=2.52

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	5392.49	5422.03	5432.07	5424.82	5412.57	5389.18	5350.70	5274.38	5203.06
45.0	5375.25	5405.90	5456.57	5485.00	5519.54	5532.94	5528.47	5487.21	5435.44
90.0	5413.15	5462.72	5519.01	5546.29	5548.50	5540.19	5510.07	5479.43	5415.93
135.0	5361.85	5384.71	5399.22	5419.25	5430.97	5447.68	5452.68	5396.96	5375.78
180.0	5392.49	5383.61	5354.65	5318.96	5292.20	5278.27	5257.67	5213.10	5168.52
225.0	5375.25	5313.96	5254.88	5215.88	5152.91	5112.28	5078.85	5015.30	4966.84
270.0	5413.15	5373.57	5316.75	5283.85	5215.88	5174.67	5133.41	5075.49	5026.45
315.0	5361.85	5345.71	5326.21	5305.03	5263.82	5225.92	5203.06	5165.74	5104.45
360.0	5392.49	5422.03	5432.07	5424.82	5412.57	5389.18	5350.70	5274.38	5203.06
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	5138.98	5055.99	4955.70	4848.15	4732.25	4602.48	4455.36	4284.90	4107.71
45.0	5363.53	5278.27	5179.67	5080.48	4938.98	4763.48	4590.18	4401.90	4206.31
90.0	5318.96	5230.39	5112.28	4964.63	4803.06	4628.08	4434.75	4233.59	4014.67
135.0	5333.99	5278.27	5199.17	5104.45	4995.80	4869.92	4733.94	4573.46	4400.74
180.0	5115.59	5048.73	4971.83	4903.35	4819.77	4715.54	4610.84	4489.89	4377.93
225.0	4893.83	4803.58	4714.44	4629.18	4535.04	4438.64	4364.53	4244.21	4119.38
270.0	4977.41	4903.87	4825.34	4757.33	4679.90	4599.69	4503.82	4408.57	4301.03
315.0	5048.73	4987.45	4919.48	4844.84	4751.23	4693.83	4537.25	4420.24	4345.03
360.0	5138.98	5055.99	4955.70	4848.15	4732.25	4602.48	4455.36	4284.90	4107.71
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	3917.69	3713.80	3509.86	3382.29	3176.67	2995.59	2811.73	2624.55	2447.36
45.0	4000.16	3781.19	3640.79	3315.96	3177.25	2961.63	2761.58	2563.26	2371.57
90.0	3785.66	3641.37	3309.28	3087.00	2952.12	2652.41	2532.62	2345.39	2162.63
135.0	4200.74	3994.59	3782.29	3572.83	3368.36	3161.63	2959.37	2759.90	2574.41
180.0	4249.21	4099.35	3914.91	3735.51	3542.19	3401.21	3174.46	3024.55	2857.40
225.0	3953.38	3812.41	3665.29	3533.25	3366.10	3158.27	3023.45	2855.20	2702.55
270.0	4178.46	4040.27	3896.51	3733.30	3635.22	3463.08	3226.29	3129.31	2964.95
315.0	4208.52	4069.23	3911.60	3758.38	3587.86	3414.04	3249.10	3082.53	2913.70
360.0	3917.69	3713.80	3509.86	3382.29	3176.67	2995.59	2811.73	2624.55	2447.36
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	2270.17	2067.39	1862.87	1645.57	1436.11	1008.57	1008.57	820.45	646.78
45.0	2196.06	2032.28	1853.98	1669.02	1472.33	1268.96	1077.27	890.62	717.37
90.0	1984.92	1798.27	1605.47	1305.71	1060.76	1021.97	833.22	651.51	487.78
135.0	2430.65	2207.20	2046.73	1838.95	1627.76	1409.94	1194.85	985.34	789.23
180.0	2653.51	2520.32	2353.75	2161.53	1952.59	1740.87	1530.25	1320.21	1114.06
225.0	2542.08	2376.61	2179.35	1973.77	1755.90	1543.08	1072.64	1072.64	960.79
270.0	2801.16	2640.69	2480.21	2311.38	2119.74	1912.49	1698.50	1480.11	1262.81
315.0	2740.98	2566.05	2369.36	2155.96	1928.62	1694.62	1465.07	994.43	994.43
360.0	2270.17	2067.39	1862.87	1645.57	1436.11	1008.57	1008.57	820.45	646.78
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	549.54	350.70	282.73	198.11	141.18	125.89	104.60	90.14	78.32
45.0	559.11	417.61	301.18	301.18	205.20	132.09	111.64	96.24	83.52
90.0	371.88	228.80	165.57	122.94	102.13	88.20	77.06	67.44	59.45
135.0	607.04	443.26	307.28	307.28	145.44	126.62	95.82	82.00	75.16
180.0	914.06	730.20	562.47	412.04	292.25	292.25	220.08	148.65	120.63
225.0	849.62	612.88	524.10	395.16	260.97	223.86	179.34	146.23	119.63
270.0	1054.98	859.98	683.37	527.36	393.11	326.26	326.26	175.24	139.97
315.0	872.70	688.88	530.09	393.69	290.41	221.24	173.98	138.08	110.22
360.0	549.54	350.70	282.73	198.11	141.18	125.89	104.60	90.14	78.32

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	68.65	60.87	54.14	48.73	44.31	40.37	37.21	34.43	32.01
45.0	73.01	64.07	56.56	50.35	45.47	41.26	37.74	34.85	32.22
90.0	52.88	47.31	42.79	38.90	35.80	33.01	30.75	28.75	26.86
135.0	65.28	57.14	50.51	44.89	40.37	36.58	33.59	31.06	28.86
180.0	100.76	86.62	75.22	66.07	58.50	52.40	47.25	42.79	39.11
225.0	99.66	84.94	73.27	64.02	56.24	49.99	44.78	40.53	37.11
270.0	111.91	91.30	76.95	66.28	57.92	51.14	45.57	41.05	37.53
315.0	90.72	76.69	66.18	57.87	51.35	46.10	41.73	38.21	36.32
360.0	68.65	60.87	54.14	48.73	44.31	40.37	37.21	34.43	32.01
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	29.86	27.86	26.23	25.18	23.23	21.87	21.18	19.66	19.03
45.0	29.96	27.96	26.12	24.44	23.44	22.13	20.34	19.61	18.50
90.0	25.23	23.71	22.39	21.18	19.97	18.92	18.29	17.35	16.14
135.0	26.86	25.23	23.76	22.39	21.18	20.13	19.13	18.19	17.35
180.0	35.90	33.17	30.85	28.70	26.75	25.02	23.50	22.39	20.76
225.0	34.06	31.48	29.22	27.70	25.65	24.02	22.92	21.66	20.55
270.0	34.48	31.85	29.70	27.86	26.18	24.70	23.34	22.60	21.24
315.0	32.69	31.27	29.22	27.39	25.86	24.44	23.23	21.97	20.92
360.0	29.86	27.86	26.23	25.18	23.23	21.87	21.18	19.66	19.03
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	18.13	17.19	16.35	15.77	15.19	14.51	13.93	13.30	12.67
45.0	17.56	16.61	15.72	14.93	14.14	13.30	12.46	11.72	11.04
90.0	15.66	14.82	14.03	13.30	12.67	11.93	11.20	10.46	9.83
135.0	16.61	15.87	15.30	14.56	13.88	13.25	12.62	11.93	11.25
180.0	19.92	18.87	18.08	17.61	17.14	16.77	16.40	16.14	15.87
225.0	19.61	19.19	20.76	22.71	24.28	24.97	25.07	25.34	25.07
270.0	20.55	19.66	18.92	19.55	23.71	27.23	28.75	29.65	30.12
315.0	20.03	19.45	20.50	21.76	22.71	23.65	24.23	24.39	22.23
360.0	18.13	17.19	16.35	15.77	15.19	14.51	13.93	13.30	12.67
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	12.04	11.20	10.35	9.57	8.78	8.09	7.41	6.68	6.04
45.0	10.30	9.67	9.04	8.46	7.78	7.10	6.52	5.89	5.41
90.0	9.20	8.57	7.94	7.36	6.68	6.04	5.41	4.89	4.31
135.0	10.72	10.20	9.62	9.04	8.52	7.88	7.25	6.57	5.89
180.0	15.40	14.51	13.61	12.56	11.56	10.62	9.78	8.99	8.20
225.0	23.23	18.87	15.87	14.03	12.72	11.62	10.67	9.78	8.94
270.0	30.17	27.75	23.23	18.40	15.66	13.88	12.62	11.72	10.83
315.0	18.92	16.87	15.40	13.88	12.35	11.56	10.72	9.93	9.04
360.0	12.04	11.20	10.35	9.57	8.78	8.09	7.41	6.68	6.04
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	5.47	4.89	4.47	3.84	3.31	2.89	2.47	2.05	1.73
45.0	4.68	4.21	3.78	3.21	2.79	2.31	1.89	1.47	1.37
90.0	3.89	3.42	3.00	2.68	2.42	1.89	1.58	1.52	1.68
135.0	5.41	4.84	4.26	3.68	3.21	3.00	2.47	2.00	1.42
180.0	7.41	6.83	6.04	5.57	4.73	4.15	3.57	3.10	2.63
225.0	8.57	7.57	6.73	6.10	5.41	4.68	4.15	3.68	3.10
270.0	9.93	9.04	7.99	7.25	6.36	5.57	5.05	4.52	3.94
315.0	8.30	7.52	6.83	6.10	5.41	4.84	4.05	3.57	3.05
360.0	5.47	4.89	4.47	3.84	3.31	2.89	2.47	2.05	1.73

Intensity data(cd)

C/ γ (°)	90.0
0.0	1.79
45.0	1.37
90.0	1.68
135.0	1.37
180.0	2.10
225.0	2.94
270.0	3.42
315.0	2.84
360.0	1.79