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Nata

Client:

LumCAT: 2-2760-L

Luminaire: 92.70.411.00

Report No: 2024830-B006

Ballast type: AC

Test No: 2024830-C006

Voltage(V): 35.060

LampCAT: Fortimo_SLM_C_1208

Current(A): 0.598

Lamp flux(lm): 3409.0

Power (W): 20.950

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 3163.60, Efficiency(%): 92.80% , Luminous Efficacy(lm/W): 151.01

Central intensity(cd): 4639.363, Maximum intensity(cd): 4639.363

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=51.0

[C90/270]Total=51.0

Field angle(10%Imax): [C0/180]Total=73.6

[C90/270]Total=73.6

Maximum s/h(1/2): C0_180=0.81 C90_270=0.81

Maximum s/h(1/4): C0_180=0.77 C90_270=0.77

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 92.80%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 99.332%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	4639.363	0.000	0	0.00%	0.00%
1.0	4637.905	4.439	4.439	0.13%	0.14%
2.0	4633.733	13.308	17.747	0.39%	0.56%
3.0	4627.458	22.150	39.896	0.65%	1.26%
4.0	4620.493	30.956	70.852	0.91%	2.24%
5.0	4610.743	39.712	110.564	1.16%	3.49%
6.0	4595.428	48.381	158.945	1.42%	5.02%
7.0	4566.656	56.869	215.814	1.67%	6.82%
8.0	4533.923	65.131	280.945	1.91%	8.88%
9.0	4489.698	73.132	354.077	2.15%	11.19%
10.0	4426.820	80.691	434.768	2.37%	13.74%
11.0	4363.292	87.831	522.599	2.58%	16.52%
12.0	4272.201	94.398	616.998	2.77%	19.50%
13.0	4179.987	100.306	717.304	2.94%	22.67%
14.0	4069.047	105.587	822.891	3.10%	26.01%
15.0	3956.918	110.184	933.075	3.23%	29.49%
16.0	3824.868	114.025	1047.1	3.34%	33.10%
17.0	3685.025	116.949	1164.049	3.43%	36.80%
18.0	3549.355	119.279	1283.328	3.50%	40.57%
19.0	3396.129	120.837	1404.165	3.54%	44.39%
20.0	3239.420	121.449	1525.614	3.56%	48.22%
21.0	3075.478	121.259	1646.873	3.56%	52.06%
22.0	2921.214	120.506	1767.379	3.53%	55.87%
23.0	2742.370	118.837	1886.217	3.49%	59.62%
24.0	2577.790	116.318	2002.534	3.41%	63.30%
25.0	2400.069	113.186	2115.72	3.32%	66.88%
26.0	2235.838	109.431	2225.151	3.21%	70.34%
27.0	2044.800	104.727	2329.878	3.07%	73.65%
28.0	1852.171	98.663	2428.541	2.89%	76.77%
29.0	1629.667	91.095	2519.636	2.67%	79.64%
30.0	1478.117	83.910	2603.545	2.46%	82.30%
31.0	1247.131	75.840	2679.385	2.22%	84.69%
32.0	1086.611	66.859	2746.244	1.96%	86.81%
33.0	943.701	59.814	2806.057	1.75%	88.70%
34.0	793.254	52.565	2858.623	1.54%	90.36%
35.0	652.478	44.899	2903.522	1.32%	91.78%
36.0	539.804	37.962	2941.484	1.11%	92.98%
37.0	443.923	32.084	2973.568	0.94%	93.99%

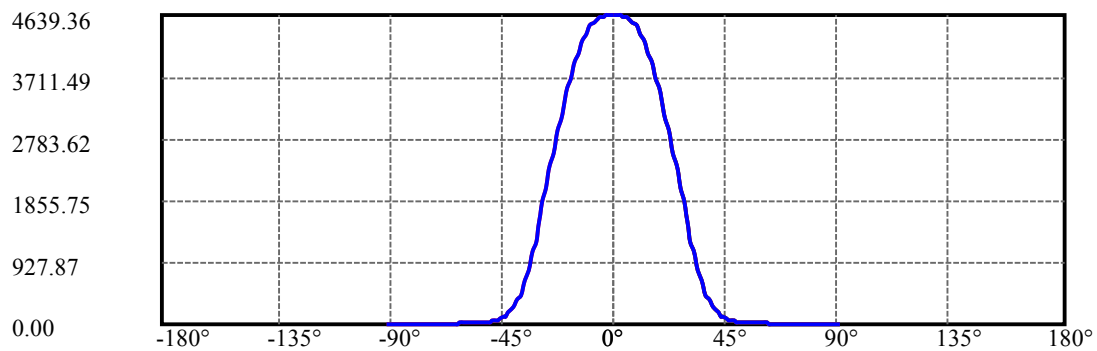
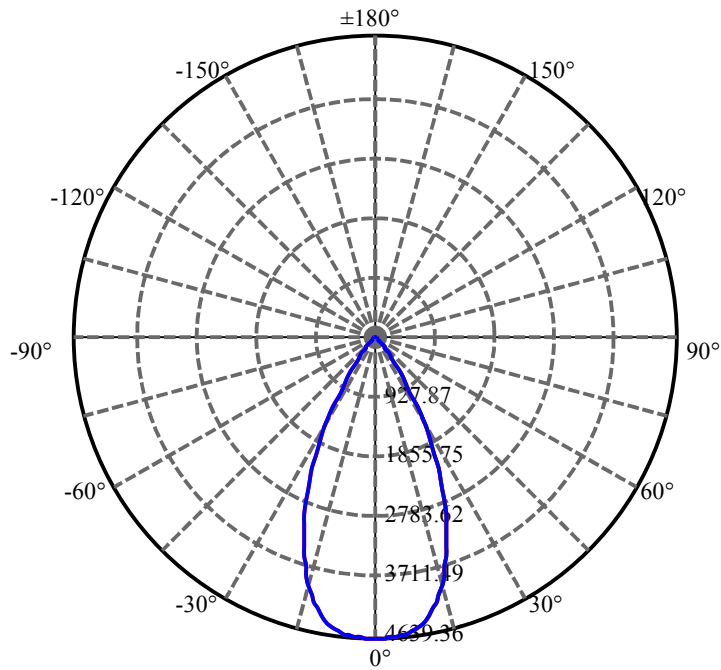
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	364.580	26.987	3000.555	0.79%	94.85%
39.0	307.287	22.933	3023.487	0.67%	95.57%
40.0	249.389	19.415	3042.902	0.57%	96.18%
41.0	204.751	16.172	3059.074	0.47%	96.70%
42.0	178.667	13.930	3073.004	0.41%	97.14%
43.0	129.120	11.401	3084.406	0.33%	97.50%
44.0	102.405	8.738	3093.144	0.26%	97.77%
45.0	83.062	7.128	3100.272	0.21%	98.00%
46.0	67.333	5.882	3106.153	0.17%	98.18%
47.0	55.256	4.876	3111.029	0.14%	98.34%
48.0	47.267	4.145	3115.173	0.12%	98.47%
49.0	40.670	3.611	3118.785	0.11%	98.58%
50.0	35.743	3.186	3121.971	0.09%	98.68%
51.0	31.735	2.855	3124.825	0.08%	98.77%
52.0	28.561	2.587	3127.413	0.08%	98.86%
53.0	25.972	2.372	3129.785	0.07%	98.93%
54.0	23.732	2.191	3131.976	0.06%	99.00%
55.0	21.800	2.032	3134.008	0.06%	99.06%
56.0	20.223	1.899	3135.907	0.06%	99.12%
57.0	18.778	1.783	3137.69	0.05%	99.18%
58.0	17.549	1.680	3139.37	0.05%	99.23%
59.0	16.393	1.587	3140.957	0.05%	99.28%
60.0	15.473	1.505	3142.463	0.04%	99.33%
61.0	14.566	1.434	3143.896	0.04%	99.38%
62.0	13.739	1.364	3145.26	0.04%	99.42%
63.0	12.996	1.300	3146.56	0.04%	99.46%
64.0	12.352	1.244	3147.804	0.04%	99.50%
65.0	11.702	1.190	3148.994	0.03%	99.54%
66.0	11.084	1.137	3150.131	0.03%	99.57%
67.0	10.558	1.088	3151.22	0.03%	99.61%
68.0	9.967	1.040	3152.259	0.03%	99.64%
69.0	9.468	0.991	3153.251	0.03%	99.67%
70.0	8.955	0.946	3154.197	0.03%	99.70%
71.0	8.456	0.900	3155.097	0.03%	99.73%
72.0	7.957	0.853	3155.95	0.03%	99.76%
73.0	7.484	0.807	3156.758	0.02%	99.78%
74.0	7.004	0.762	3157.519	0.02%	99.81%
75.0	6.577	0.718	3158.237	0.02%	99.83%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	6.051	0.670	3158.907	0.02%	99.85%
77.0	5.624	0.622	3159.53	0.02%	99.87%
78.0	5.158	0.577	3160.107	0.02%	99.89%
79.0	4.685	0.529	3160.636	0.02%	99.91%
80.0	4.192	0.479	3161.114	0.01%	99.92%
81.0	3.725	0.428	3161.542	0.01%	99.93%
82.0	3.298	0.381	3161.923	0.01%	99.95%
83.0	2.865	0.335	3162.258	0.01%	99.96%
84.0	2.477	0.291	3162.549	0.01%	99.97%
85.0	2.129	0.251	3162.801	0.01%	99.97%
86.0	1.840	0.217	3163.018	0.01%	99.98%
87.0	1.557	0.186	3163.204	0.01%	99.99%
88.0	1.288	0.156	3163.359	0.00%	99.99%
89.0	1.091	0.130	3163.49	0.00%	100.00%
90.0	0.979	0.113	3163.603	0.00%	100.00%

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Lamp	%Fixt
0-30	2603.55	76.37%	82.30%
0-40	3042.90	89.26%	96.18%
0-60	3142.46	92.18%	99.33%
0-90	3163.49	92.80%	100.00%
0-120	3163.49	92.80%	100.00%
0-180	3163.60	92.80%	100.00%
60-90	21.03	0.62%	0.66%
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%
0-29.13	2530.88	74.24%	80.00%

ZONAL LUMEN SUMMARY

0-10	434.77
10-20	1090.85
20-30	1077.93
30-40	439.36
40-50	79.07
50-60	20.49
60-70	11.73
70-80	6.92
80-90	2.38
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: —————

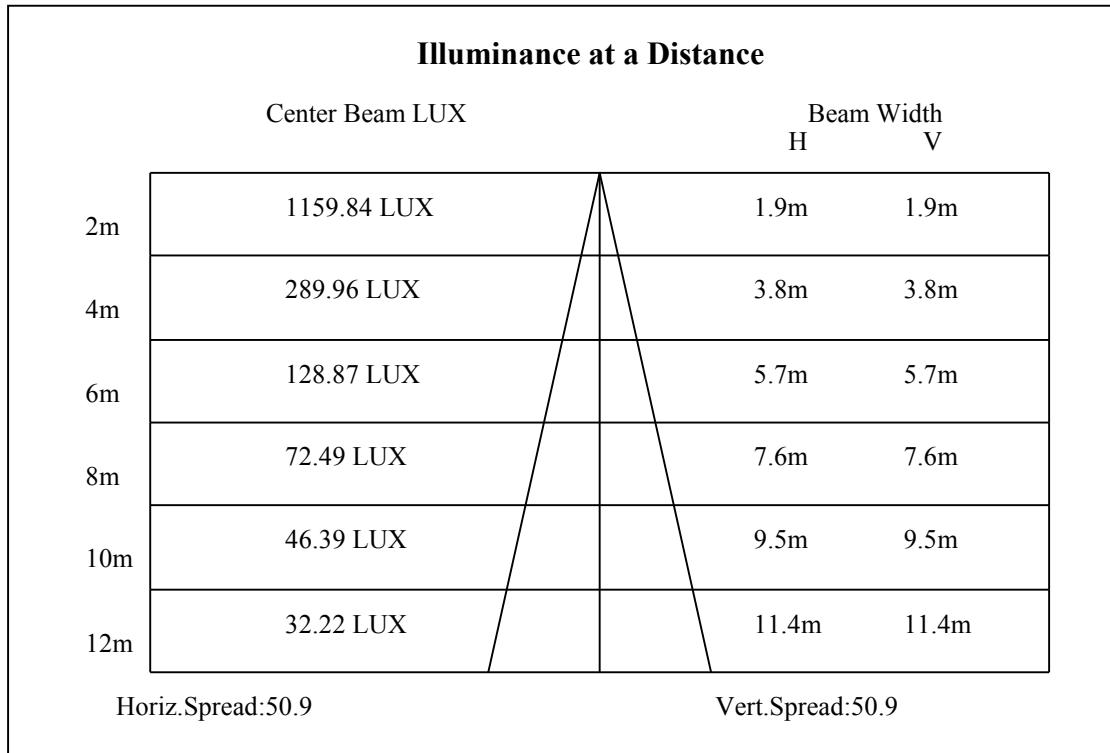
C90/C270: —————

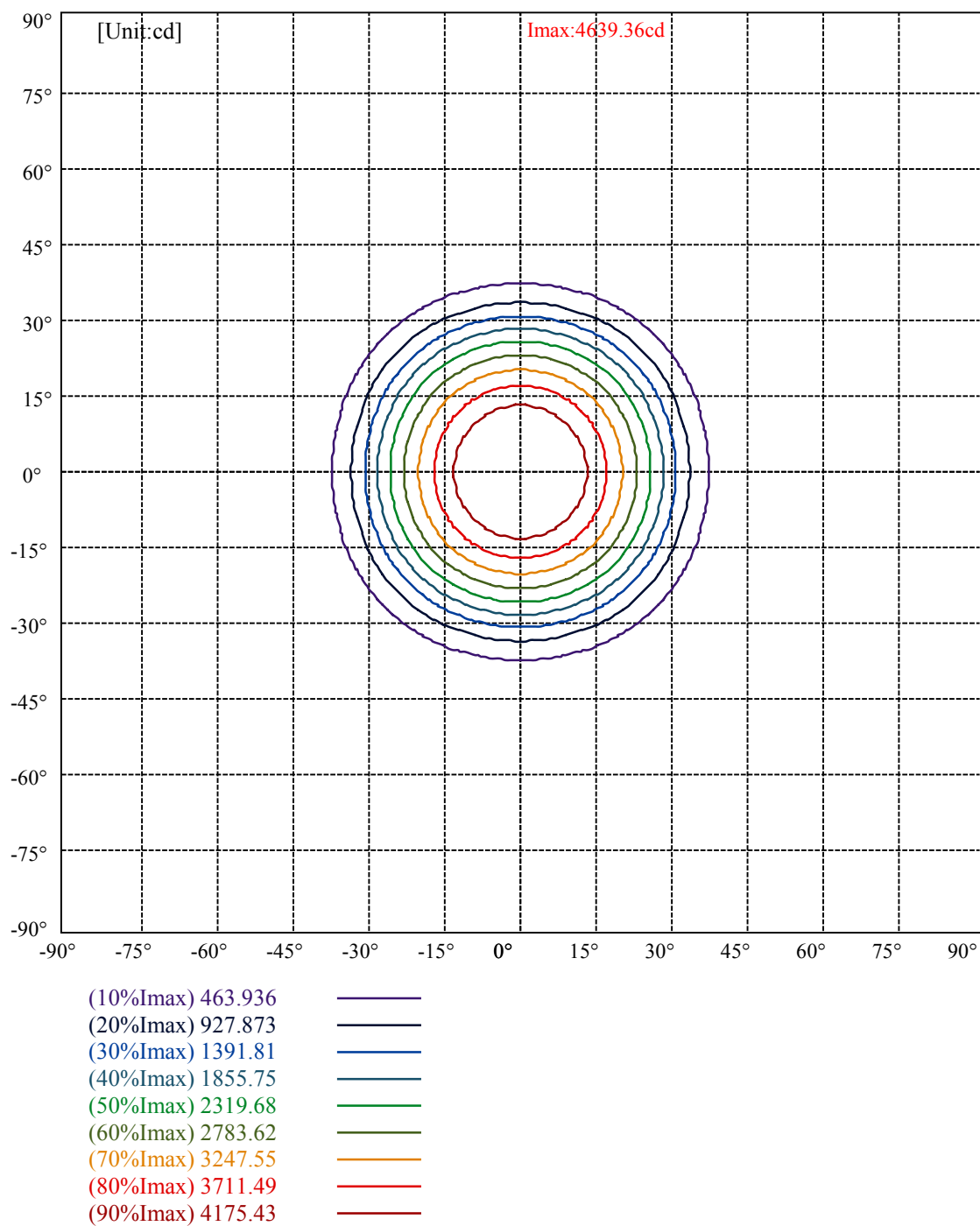
Field angle(10%Imax):C0/180Left:36.8 Right:36.8

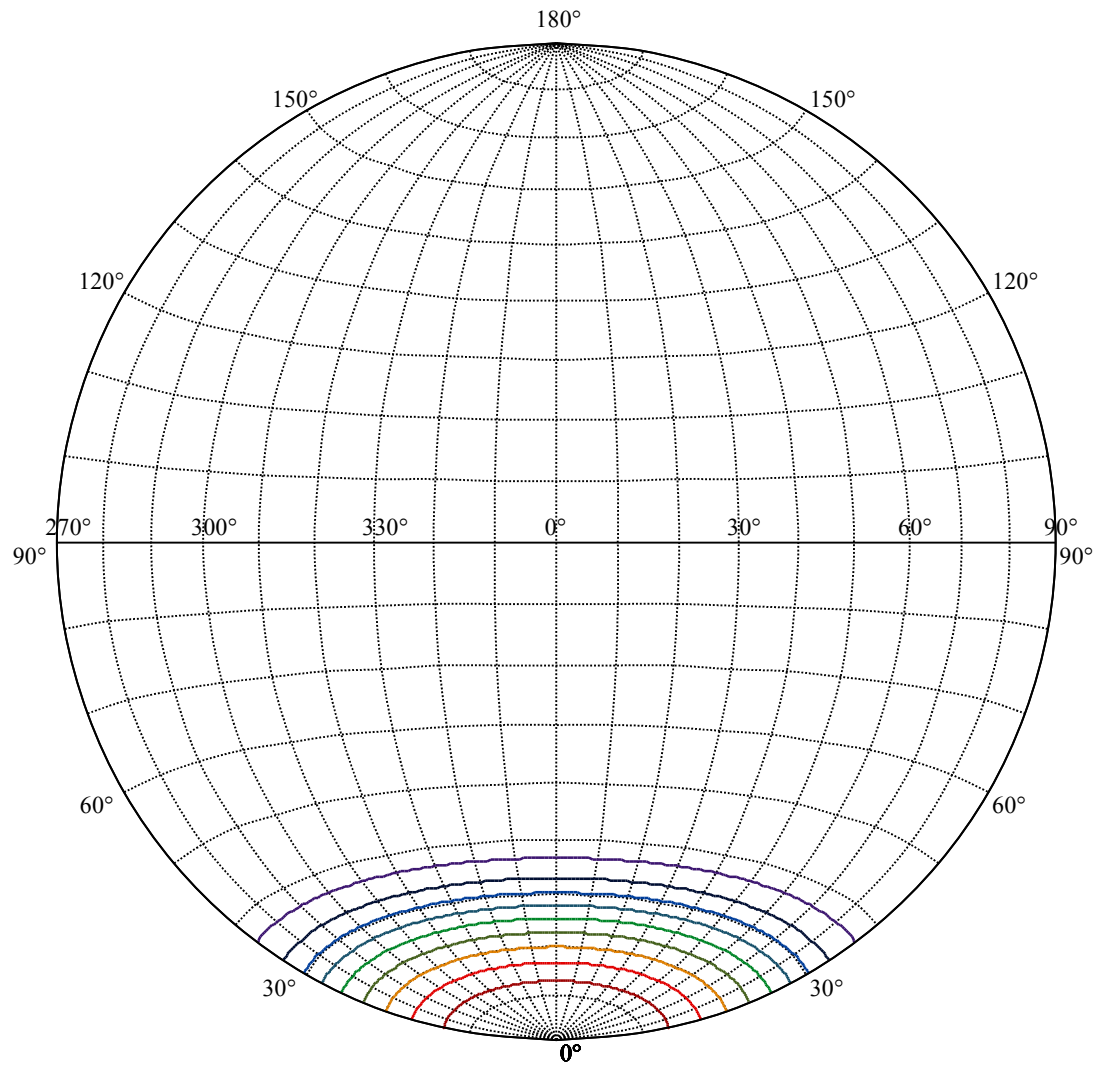
:C90/270Left:36.8 Right:36.8

Beam Angle(50%Imax):C0/180Left:25.5 Right:25.5

:C90/270Left:25.5 Right:25.5





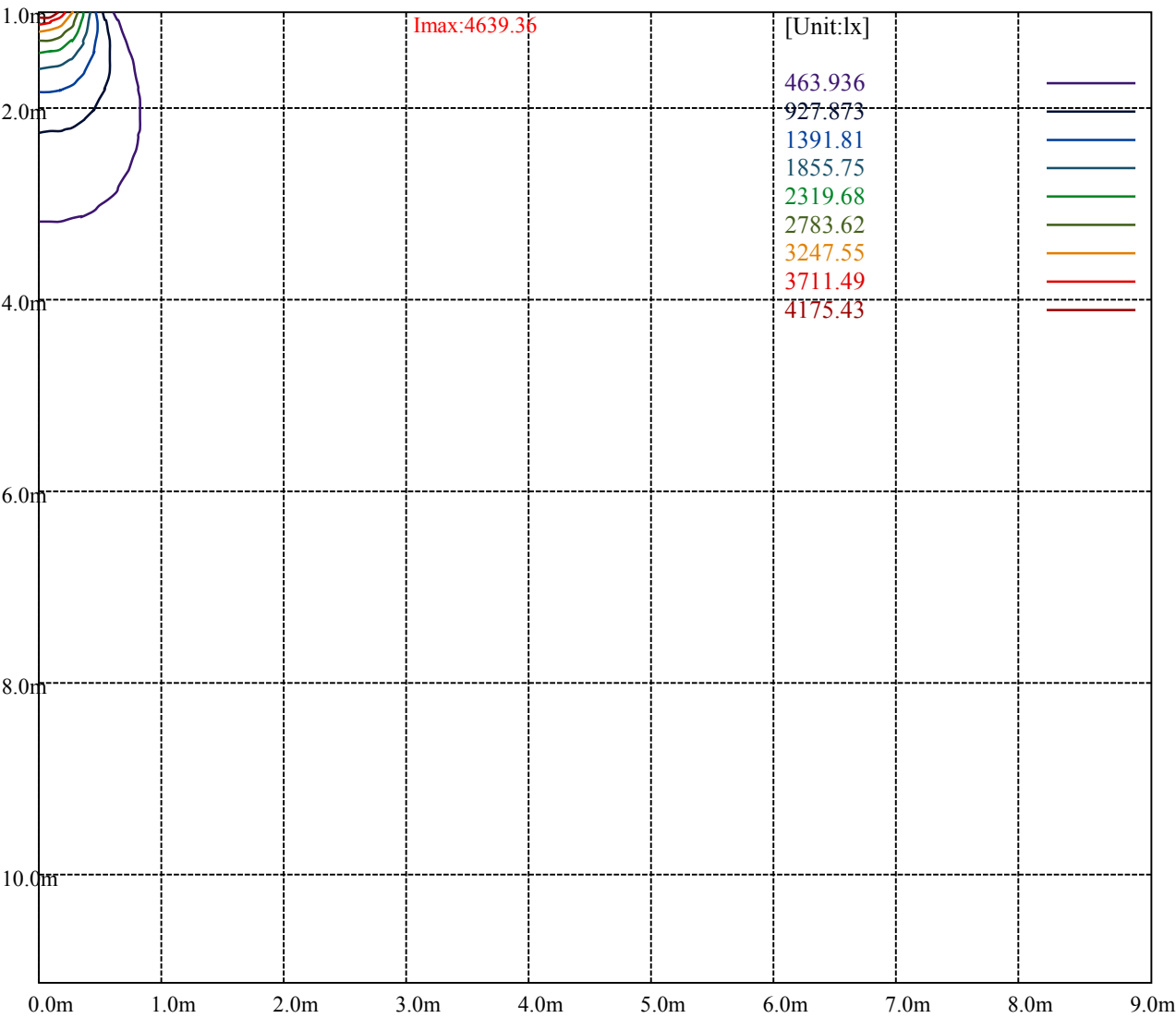


House

[Unit:cd]

Road

Imax:4639.36	
(10%Imax) 463.936	—
(20%Imax) 927.873	—
(30%Imax) 1391.81	—
(40%Imax) 1855.75	—
(50%Imax) 2319.68	—
(60%Imax) 2783.62	—
(70%Imax) 3247.55	—
(80%Imax) 3711.49	—
(90%Imax) 4175.43	—



Luminance Table

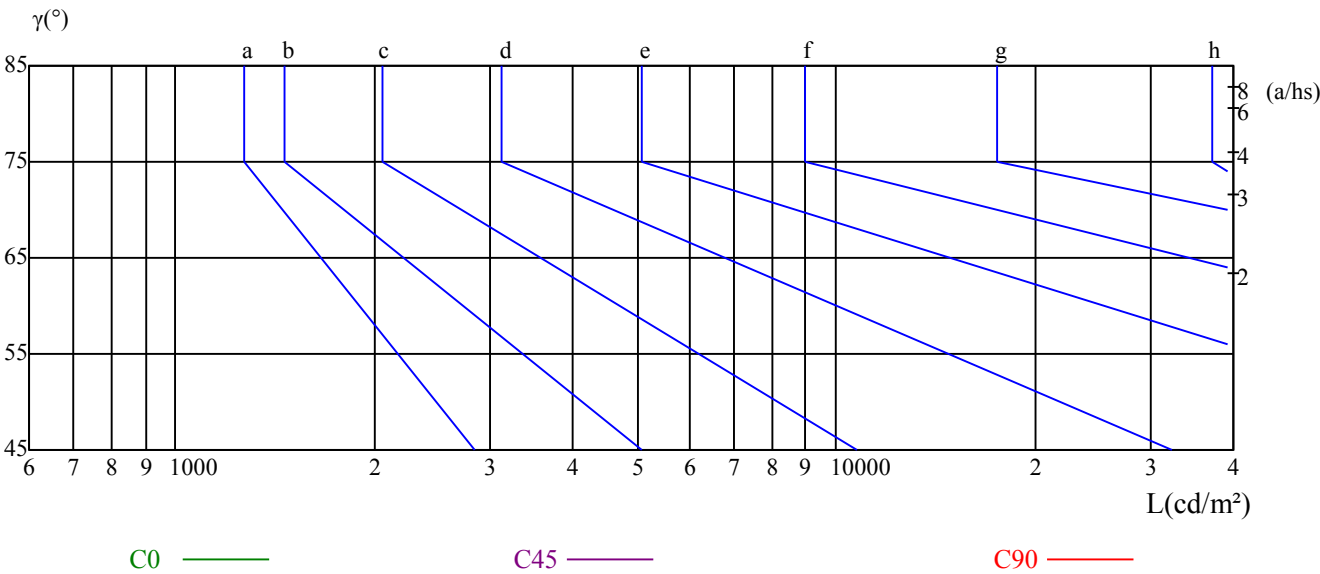
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

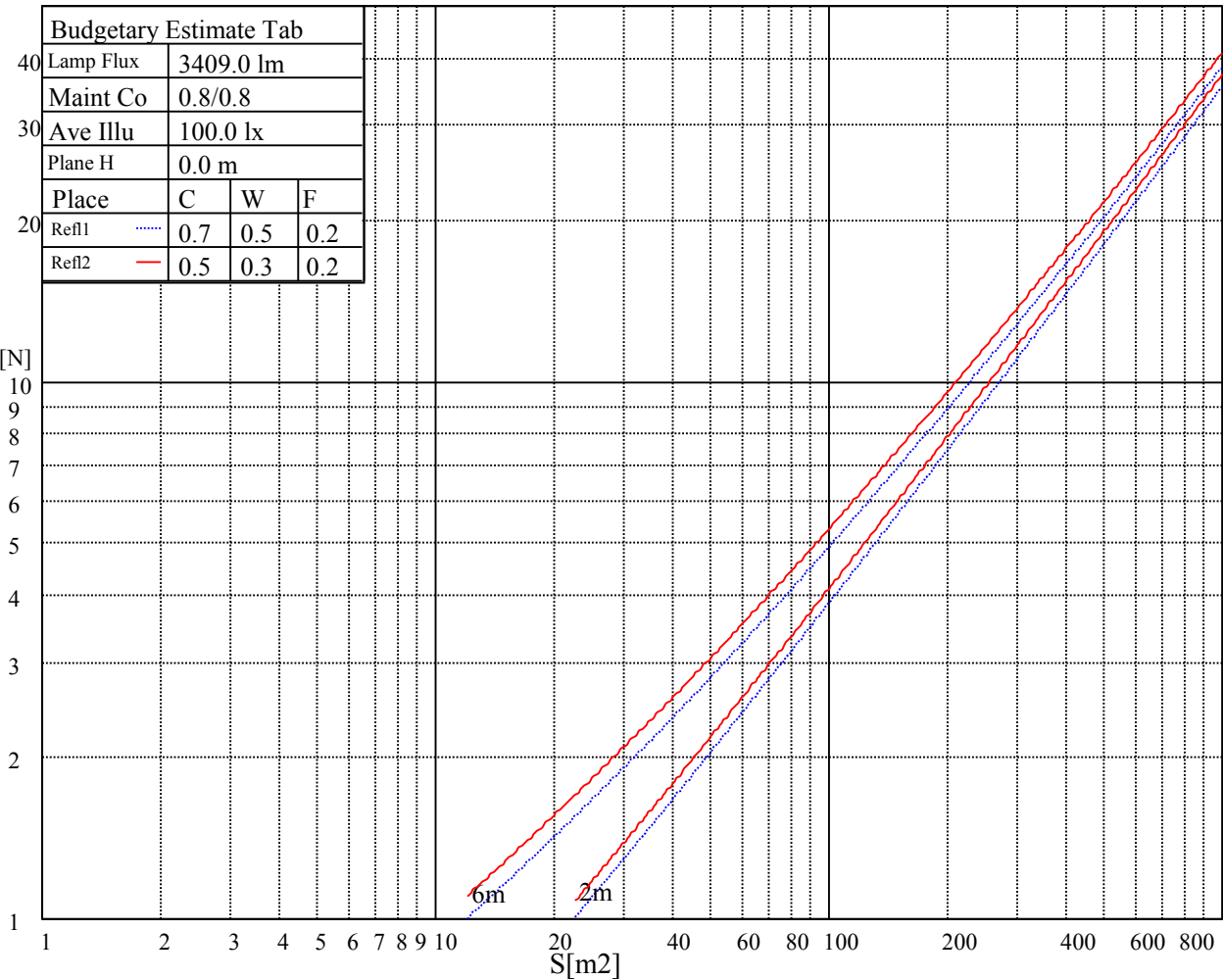
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

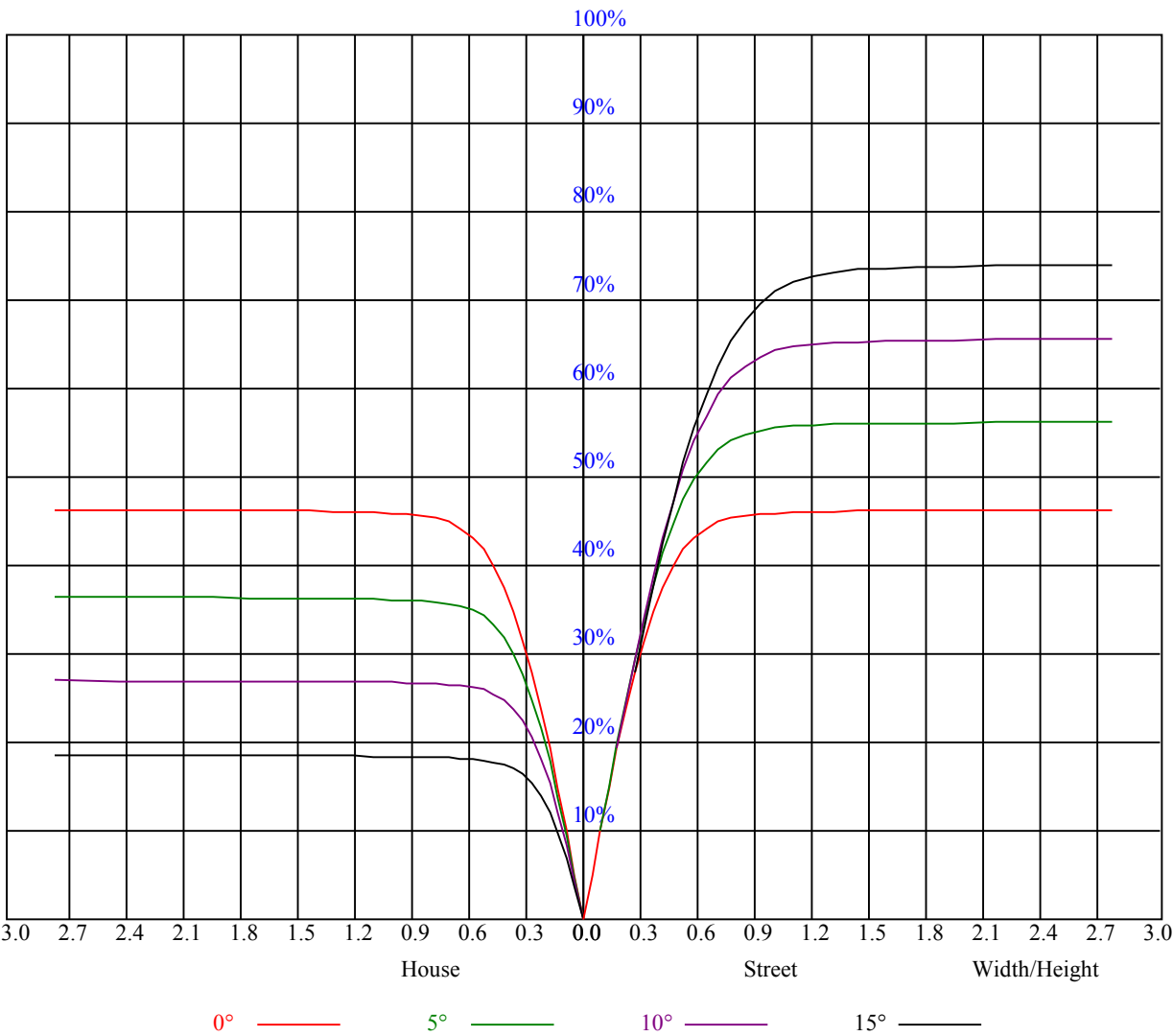


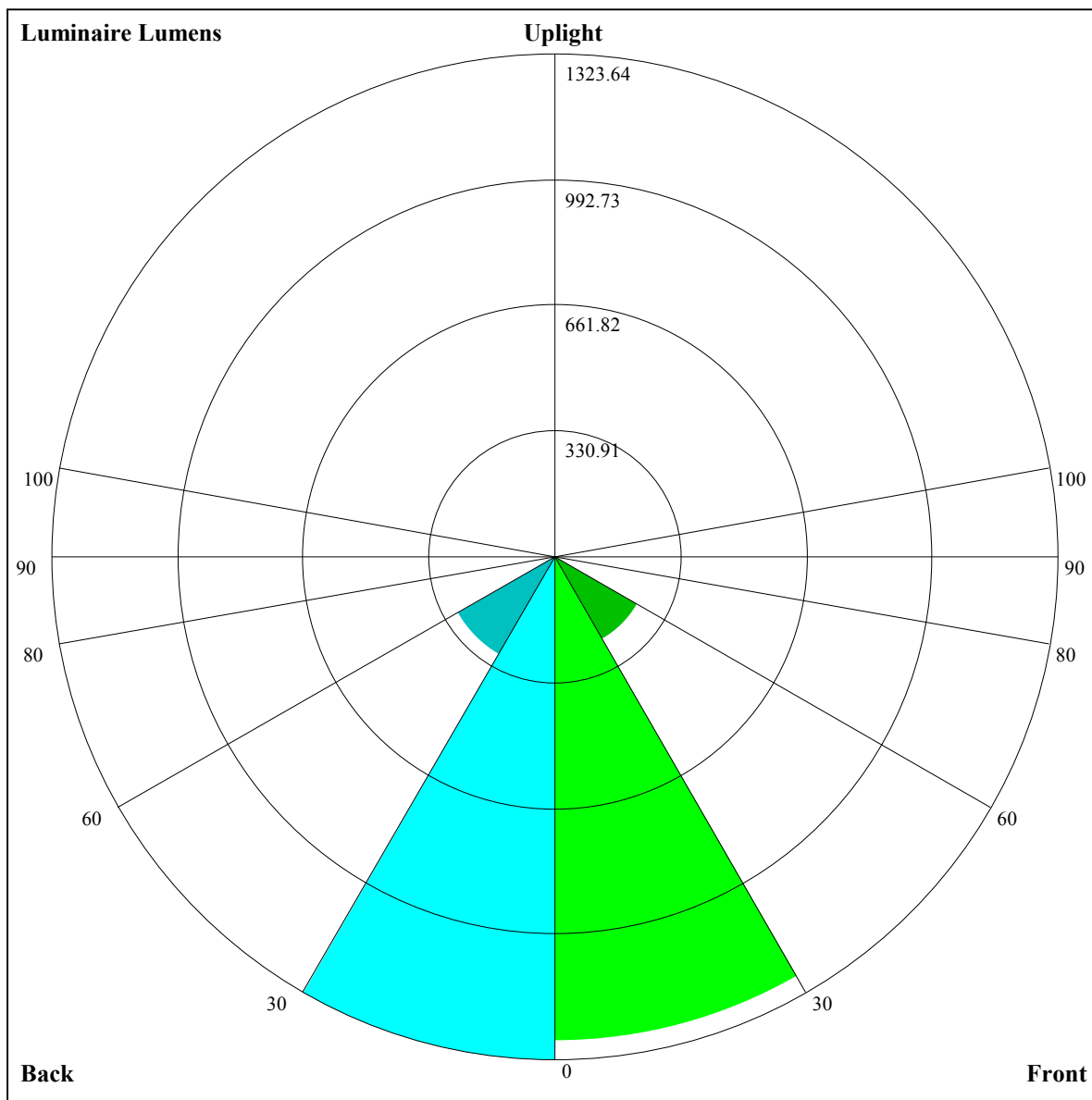
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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



RHOC	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	1.10	1.10	1.10	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	0.99	0.98	0.98	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.87
2	0.97	0.93	0.90	0.95	0.92	0.89	0.92	0.90	0.87	0.89	0.87	0.86	0.87	0.85	0.84	0.82
3	0.91	0.87	0.83	0.90	0.86	0.83	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	0.71	0.76	0.72	0.70	0.69
6	0.77	0.71	0.68	0.76	0.71	0.68	0.74	0.70	0.67	0.73	0.69	0.67	0.72	0.69	0.66	0.65
7	0.73	0.67	0.64	0.72	0.67	0.64	0.71	0.66	0.63	0.70	0.66	0.63	0.69	0.65	0.63	0.61
8	0.69	0.64	0.60	0.68	0.64	0.60	0.67	0.63	0.60	0.66	0.63	0.60	0.66	0.62	0.59	0.58
9	0.66	0.61	0.57	0.65	0.60	0.57	0.64	0.60	0.57	0.63	0.59	0.57	0.63	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	0.61	0.57	0.54	0.60	0.56	0.54	0.53





Luminaire Lumens:

FL=1274.03,FM=252.3,FH=9.08,FVH=1.18

BL=1323.64,BM=296.22,BH=9.5,BVH=1.33

UL=0,UH=0

BUG Rating:B3-U0-G0

Nata 2-2760-L

Intensity data(cd)

Appendix Page: 18 Total:20

C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	4643.69	4640.32	4635.91	4622.50	4611.36	4609.68	4593.54	4555.12	4502.71
45.0	4637.54	4649.26	4650.94	4664.29	4654.83	4645.89	4631.44	4581.29	4552.86
90.0	4644.79	4650.36	4665.39	4638.12	4633.65	4621.40	4585.76	4529.47	4465.97
135.0	4631.44	4642.58	4645.37	4646.47	4654.83	4637.01	4633.65	4629.18	4579.61
180.0	4643.69	4645.37	4635.91	4631.97	4624.76	4616.93	4617.51	4592.96	4579.03
225.0	4637.54	4619.72	4613.04	4609.15	4582.40	4577.41	4556.22	4529.47	4515.54
270.0	4644.79	4631.44	4603.00	4599.69	4604.69	4577.93	4567.89	4566.79	4533.36
315.0	4631.44	4624.19	4620.30	4607.47	4597.43	4599.69	4577.41	4548.97	4542.29
360.0	4643.69	4640.32	4635.91	4622.50	4611.36	4609.68	4593.54	4555.12	4502.71

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4444.79	4374.57	4283.74	4182.35	4069.23	3933.88	3783.45	3635.22	3482.58
45.0	4492.67	4418.04	4334.46	4228.60	4114.96	4001.85	3870.91	3710.44	3546.65
90.0	4390.76	4294.36	4192.39	4074.28	3944.45	3792.91	3692.62	3532.15	3323.79
135.0	4549.55	4463.19	4424.71	4333.36	4226.92	4112.17	4000.16	3851.41	3700.98
180.0	4561.22	4518.90	4463.19	4390.18	4318.85	4224.13	4113.80	3998.48	3887.05
225.0	4477.64	4421.40	4358.96	4287.68	4201.32	4102.14	4003.53	3891.52	3792.33
270.0	4508.29	4487.68	4450.36	4389.07	4323.32	4246.42	4157.85	4054.78	3949.44
315.0	4492.67	4436.43	4398.54	4292.10	4240.85	4138.88	4033.02	3924.95	3797.38
360.0	4444.79	4374.57	4283.74	4182.35	4069.23	3933.88	3783.45	3635.22	3482.58

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	3323.21	3153.86	2978.87	2801.69	2690.25	2438.43	2334.25	2154.27	1965.94
45.0	3390.65	3241.32	3079.74	2913.12	2731.52	2549.33	2375.46	2210.57	2110.28
90.0	3234.64	3075.27	2912.02	2742.08	2574.93	2399.43	2226.71	2051.78	1866.81
135.0	3548.86	3395.64	3250.20	3078.64	2918.16	2756.59	2580.50	2405.58	2226.71
180.0	3756.12	3634.64	3445.21	3291.99	3166.63	3010.62	2849.62	2678.59	2499.71
225.0	3647.47	3464.71	3346.60	3193.38	3032.91	2865.23	2686.36	2504.76	2322.53
270.0	3841.37	3712.65	3563.37	3411.25	3254.67	3094.20	2926.52	2743.76	2635.12
315.0	3652.52	3490.94	3339.35	3171.67	3000.64	2825.13	2642.90	2451.25	2259.61
360.0	3323.21	3153.86	2978.87	2801.69	2690.25	2438.43	2334.25	2154.27	1965.94

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1771.51	1577.09	1107.12	1107.12	957.74	791.12	655.09	542.50	447.25
45.0	1940.34	1683.47	1566.47	1367.57	1166.99	976.98	807.04	664.44	550.22
90.0	1681.79	1489.57	1096.09	1096.09	911.70	782.55	644.84	529.94	434.64
135.0	2047.89	1872.38	1685.73	1528.04	1287.36	1087.31	940.76	776.98	617.61
180.0	2320.32	2140.92	1964.84	1784.86	1592.64	1398.79	1199.32	1008.78	833.27
225.0	2149.28	1973.77	1793.80	1604.37	1307.39	1095.14	1019.03	911.43	752.80
270.0	2369.89	2181.61	2069.60	1814.40	1702.97	1510.75	1310.17	1111.28	925.21
315.0	2077.38	1898.56	1753.70	1522.47	1050.25	1050.25	973.35	800.68	658.82
360.0	1771.51	1577.09	1107.12	1107.12	957.74	791.12	655.09	542.50	447.25

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	368.10	301.24	244.84	215.66	173.30	126.94	111.17	89.83	73.32
45.0	454.93	373.04	305.60	305.60	188.91	165.15	120.05	104.39	83.52
90.0	353.85	286.78	230.28	183.34	145.02	114.85	91.25	73.06	59.61
135.0	529.04	434.32	353.54	286.10	286.10	182.97	144.91	113.96	89.83
180.0	687.25	569.72	474.43	391.96	321.79	309.54	309.54	185.76	148.54
225.0	619.61	512.64	423.81	348.44	285.89	232.43	186.54	149.07	118.90
270.0	762.47	625.44	514.53	424.28	348.54	308.96	308.96	192.22	146.75
315.0	543.18	448.20	369.62	302.92	245.57	197.16	156.90	124.68	98.76
360.0	368.10	301.24	244.84	215.66	173.30	126.94	111.17	89.83	73.32

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	60.76	51.72	44.68	39.32	34.95	31.43	28.54	26.07	23.97
45.0	68.02	56.50	47.99	41.63	36.64	32.69	29.54	26.81	24.39
90.0	49.99	42.79	37.21	32.90	29.33	26.39	24.13	22.18	20.45
135.0	78.37	57.82	48.30	43.78	36.11	33.59	29.96	27.12	24.65
180.0	118.21	94.24	75.90	62.18	52.14	44.52	38.84	34.43	30.91
225.0	94.82	76.32	62.29	52.25	44.57	38.84	34.32	30.75	28.33
270.0	115.69	95.82	73.43	62.08	51.41	43.26	37.32	32.96	29.54
315.0	78.63	63.44	52.25	43.99	40.21	35.22	31.22	28.17	25.55
360.0	60.76	51.72	44.68	39.32	34.95	31.43	28.54	26.07	23.97
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	22.13	20.55	19.08	17.82	16.66	15.72	15.14	14.24	13.14
45.0	22.44	20.76	19.34	18.03	16.82	15.82	14.93	14.03	13.61
90.0	19.55	17.71	16.98	15.93	15.03	14.14	13.30	12.62	11.98
135.0	22.60	20.87	19.45	18.08	16.93	15.87	14.98	14.19	13.40
180.0	27.96	25.39	23.29	21.45	20.13	18.45	17.40	16.29	15.24
225.0	25.28	23.55	21.60	20.03	18.66	17.35	16.24	15.24	14.35
270.0	26.54	24.13	22.18	20.45	18.92	17.66	16.56	15.51	14.56
315.0	23.34	21.45	19.87	18.45	17.24	16.14	15.24	14.40	13.61
360.0	22.13	20.55	19.08	17.82	16.66	15.72	15.14	14.24	13.14
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	12.72	12.04	11.41	10.78	10.25	9.62	9.04	8.57	8.04
45.0	12.51	12.14	11.51	10.88	10.35	9.72	9.25	8.78	8.25
90.0	11.35	10.72	10.20	9.67	9.20	8.62	8.20	7.67	7.15
135.0	12.62	12.04	11.41	10.78	10.25	9.72	9.36	8.73	8.25
180.0	14.56	13.77	12.93	12.30	11.67	11.09	10.46	9.83	9.41
225.0	13.51	12.83	12.14	11.51	10.88	10.35	9.78	9.30	8.73
270.0	13.82	13.09	12.40	11.72	11.41	10.57	10.25	9.78	9.25
315.0	12.88	12.19	11.62	11.04	10.46	10.04	9.41	8.99	8.57
360.0	12.72	12.04	11.41	10.78	10.25	9.62	9.04	8.57	8.04
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	7.52	7.04	6.57	6.10	5.57	5.05	4.57	4.05	3.63
45.0	7.67	7.25	6.78	6.20	5.73	5.26	4.78	4.31	3.78
90.0	6.94	6.25	5.83	5.57	4.89	4.63	4.10	3.47	3.26
135.0	7.83	7.41	6.94	6.41	5.94	5.52	5.05	4.57	3.99
180.0	8.88	8.36	7.78	7.36	6.94	6.41	5.94	5.68	4.99
225.0	8.25	7.78	7.31	7.04	6.41	6.04	5.62	5.15	4.63
270.0	8.73	8.30	7.78	7.31	6.83	6.47	5.99	5.52	5.05
315.0	7.83	7.46	7.04	6.62	6.10	5.62	5.20	4.73	4.21
360.0	7.52	7.04	6.57	6.10	5.57	5.05	4.57	4.05	3.63
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	3.10	2.73	2.31	2.00	1.79	1.47	1.26	1.00	0.89
45.0	3.36	2.94	2.37	2.00	1.84	1.58	1.37	1.10	0.95
90.0	2.84	2.37	2.10	1.84	1.58	1.31	1.05	0.89	0.89
135.0	3.63	3.26	2.73	2.37	2.05	1.73	1.47	1.21	0.95
180.0	4.47	3.99	3.57	3.15	2.52	2.31	1.94	1.68	1.31
225.0	4.05	3.63	3.26	2.84	2.47	2.10	1.79	1.47	1.26
270.0	4.57	4.15	3.63	3.10	2.68	2.31	2.05	1.68	1.42
315.0	3.78	3.31	2.94	2.52	2.10	1.89	1.52	1.26	1.05
360.0	3.10	2.73	2.31	2.00	1.79	1.47	1.26	1.00	0.89

Intensity data(cd)

Appendix Page: 20 Total:20

C/ $\gamma(^{\circ})$	90.0
0.0	0.84
45.0	0.95
90.0	0.89
135.0	0.79
180.0	1.10
225.0	1.16
270.0	1.21
315.0	0.89
360.0	0.84