



NATA LIGHTING CO.,LTD.
www.nata.cn
Email:info@nata.com
Tel:+86-750-3770000 Fax:+86 750 3771111
Address:Address:380JinOu Road,GaoXin Zone,Jiang Men City,Guangdong,China

Nata

Client:

LumCAT: 2-2760-L

Luminaire: 92.70.412.00

Report No: 2024820-B018

Ballast type:

Test No: 2024820-C018

LampCAT: Fortimo_SLM_C_1205

Lamp flux(lm): 2137.0

Number of Lamps: 1

Length(mm): 0

Phm Type: C

Voltage(V):

Current(A):

Power (W): 12.630

PF:

Width(mm): 0

Height(mm): 0

Photometric Results

Lumens(lm): 1971.23, Efficiency(%): 92.24% , Luminous Efficacy(lm/W): 156.08

Central intensity(cd): 2850.872, Maximum intensity(cd): 2852.547

Angle of maximum intensity: C=0.0 γ =4.0

Beam Angle(50%Imax): [C0/180]Total=50.6

[C90/270]Total=50.6

Field angle(10%Imax): [C0/180]Total=74.2

[C90/270]Total=74.2

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(%): 92.24%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 99.161%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	2850.872	0.000	0	0.00%	0.00%
1.0	2851.082	2.728	2.728	0.13%	0.14%
2.0	2849.420	8.182	10.91	0.38%	0.55%
3.0	2849.282	13.629	24.54	0.64%	1.24%
4.0	2852.547	19.086	43.625	0.89%	2.21%
5.0	2847.390	24.521	68.146	1.15%	3.46%
6.0	2843.559	29.907	98.054	1.40%	4.97%
7.0	2834.860	35.246	133.3	1.65%	6.76%
8.0	2818.493	40.460	173.76	1.89%	8.81%
9.0	2793.217	45.480	219.239	2.13%	11.12%
10.0	2758.388	50.240	269.479	2.35%	13.67%
11.0	2715.412	54.695	324.174	2.56%	16.45%
12.0	2665.556	58.822	382.996	2.75%	19.43%
13.0	2607.047	62.573	445.568	2.93%	22.60%
14.0	2538.657	65.865	511.433	3.08%	25.94%
15.0	2469.708	68.757	580.19	3.22%	29.43%
16.0	2390.037	71.209	651.399	3.33%	33.05%
17.0	2291.903	72.910	724.309	3.41%	36.74%
18.0	2203.591	74.121	798.43	3.47%	40.50%
19.0	2112.710	75.095	873.525	3.51%	44.31%
20.0	2014.018	75.531	949.055	3.53%	48.15%
21.0	1910.522	75.359	1024.414	3.53%	51.97%
22.0	1809.122	74.748	1099.162	3.50%	55.76%
23.0	1698.248	73.594	1172.756	3.44%	59.49%
24.0	1590.160	71.896	1244.653	3.36%	63.14%
25.0	1457.532	69.298	1313.951	3.24%	66.66%
26.0	1343.682	66.123	1380.074	3.09%	70.01%
27.0	1247.972	63.405	1443.479	2.97%	73.23%
28.0	1118.359	59.910	1503.389	2.80%	76.27%
29.0	1025.744	56.096	1559.485	2.62%	79.11%
30.0	908.707	52.230	1611.715	2.44%	81.76%
31.0	789.811	47.267	1658.982	2.21%	84.16%
32.0	676.335	42.003	1700.986	1.97%	86.29%
33.0	571.650	36.766	1737.752	1.72%	88.16%
34.0	482.103	31.890	1769.641	1.49%	89.77%
35.0	398.154	27.338	1796.979	1.28%	91.16%
36.0	336.919	23.405	1820.384	1.10%	92.35%
37.0	289.738	20.438	1840.822	0.96%	93.38%

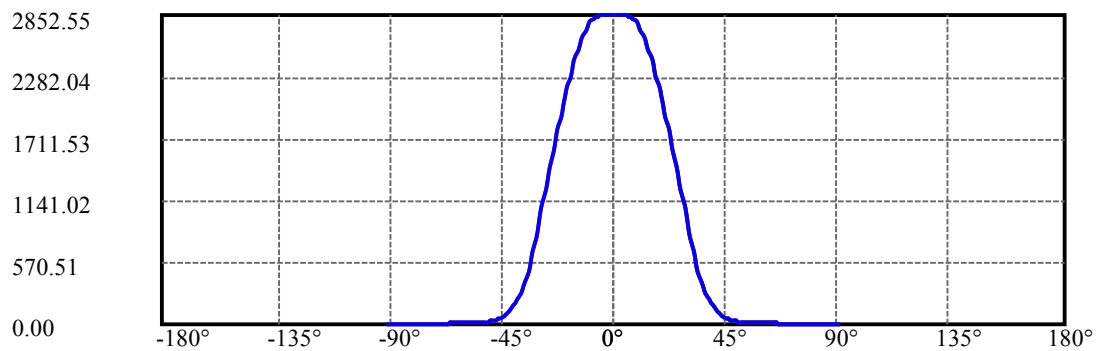
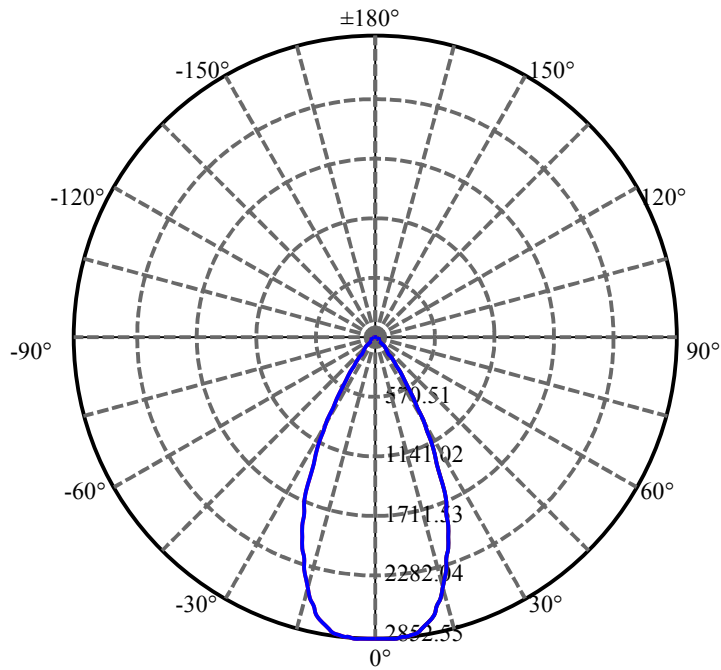
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	238.660	17.637	1858.459	0.83%	94.28%
39.0	200.099	14.976	1873.435	0.70%	95.04%
40.0	173.496	13.030	1886.465	0.61%	95.70%
41.0	128.509	10.754	1897.219	0.50%	96.25%
42.0	104.521	8.466	1905.685	0.40%	96.67%
43.0	86.406	7.072	1912.758	0.33%	97.03%
44.0	68.982	5.865	1918.623	0.27%	97.33%
45.0	57.714	4.869	1923.492	0.23%	97.58%
46.0	47.838	4.128	1927.62	0.19%	97.79%
47.0	39.895	3.489	1931.109	0.16%	97.96%
48.0	34.501	3.007	1934.117	0.14%	98.12%
49.0	30.066	2.651	1936.768	0.12%	98.25%
50.0	26.557	2.361	1939.129	0.11%	98.37%
51.0	23.739	2.128	1941.257	0.10%	98.48%
52.0	21.478	1.940	1943.197	0.09%	98.58%
53.0	19.520	1.783	1944.98	0.08%	98.67%
54.0	18.147	1.660	1946.641	0.08%	98.75%
55.0	16.551	1.549	1948.19	0.07%	98.83%
56.0	15.427	1.445	1949.635	0.07%	98.90%
57.0	14.488	1.368	1951.002	0.06%	98.97%
58.0	13.528	1.296	1952.298	0.06%	99.04%
59.0	12.700	1.226	1953.524	0.06%	99.10%
60.0	11.925	1.163	1954.687	0.05%	99.16%
61.0	11.268	1.107	1955.794	0.05%	99.22%
62.0	10.670	1.057	1956.851	0.05%	99.27%
63.0	10.085	1.009	1957.861	0.05%	99.32%
64.0	9.632	0.968	1958.828	0.05%	99.37%
65.0	9.087	0.926	1959.755	0.04%	99.42%
66.0	8.607	0.883	1960.637	0.04%	99.46%
67.0	8.219	0.846	1961.484	0.04%	99.51%
68.0	7.766	0.810	1962.293	0.04%	99.55%
69.0	7.398	0.774	1963.067	0.04%	99.59%
70.0	7.004	0.740	1963.807	0.03%	99.62%
71.0	6.610	0.704	1964.51	0.03%	99.66%
72.0	6.235	0.668	1965.178	0.03%	99.69%
73.0	5.907	0.635	1965.813	0.03%	99.73%
74.0	5.493	0.599	1966.412	0.03%	99.76%
75.0	5.191	0.565	1966.977	0.03%	99.78%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	4.816	0.531	1967.508	0.02%	99.81%
77.0	4.442	0.494	1968.002	0.02%	99.84%
78.0	4.093	0.457	1968.459	0.02%	99.86%
79.0	3.712	0.419	1968.878	0.02%	99.88%
80.0	3.371	0.382	1969.26	0.02%	99.90%
81.0	3.003	0.345	1969.604	0.02%	99.92%
82.0	2.661	0.307	1969.912	0.01%	99.93%
83.0	2.326	0.271	1970.183	0.01%	99.95%
84.0	1.978	0.234	1970.417	0.01%	99.96%
85.0	1.695	0.200	1970.618	0.01%	99.97%
86.0	1.459	0.172	1970.79	0.01%	99.98%
87.0	1.189	0.145	1970.935	0.01%	99.98%
88.0	0.946	0.117	1971.052	0.01%	99.99%
89.0	0.808	0.096	1971.148	0.00%	100.00%
90.0	0.723	0.084	1971.232	0.00%	100.00%

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Lamp	%Fixt
0-30	1611.71	75.42%	81.76%
0-40	1886.46	88.28%	95.70%
0-60	1954.69	91.47%	99.16%
0-90	1971.15	92.24%	100.00%
0-120	1971.15	92.24%	100.00%
0-180	1971.23	92.24%	100.00%
60-90	16.46	0.77%	0.84%
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%
0-29.34	1576.99	73.79%	80.00%

ZONAL LUMEN SUMMARY

0-10	269.48
10-20	679.58
20-30	662.66
30-40	274.75
40-50	52.66
50-60	15.56
60-70	9.12
70-80	5.45
80-90	1.89
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: —————

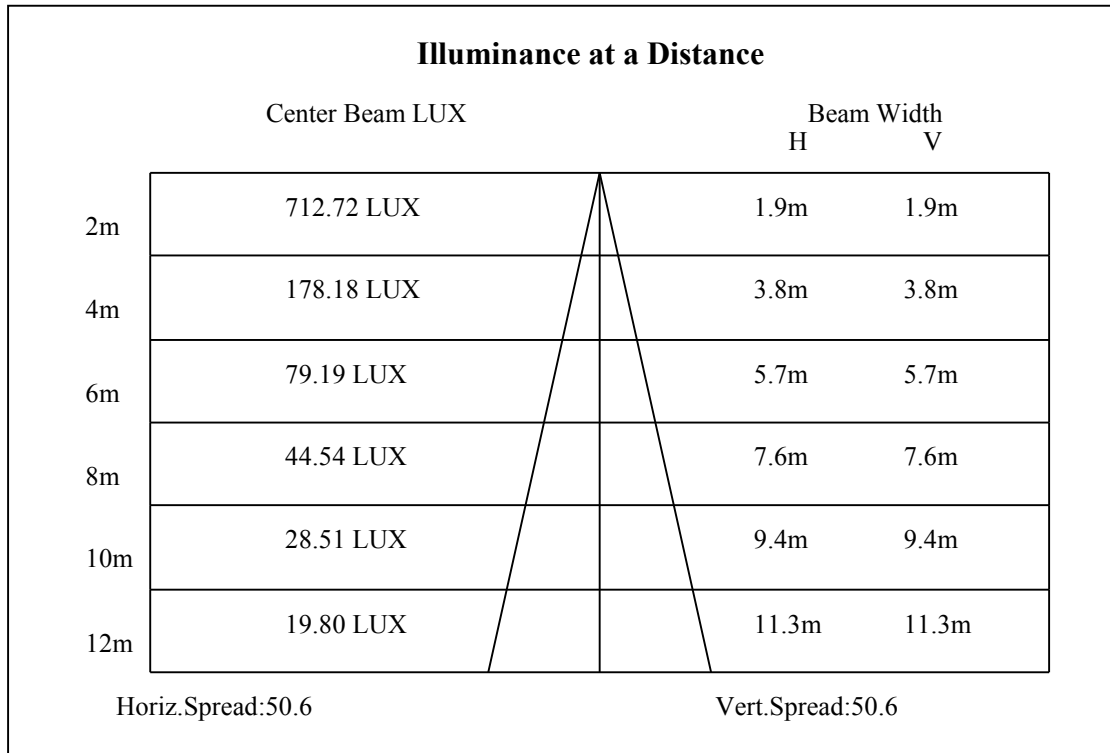
C90/C270: —————

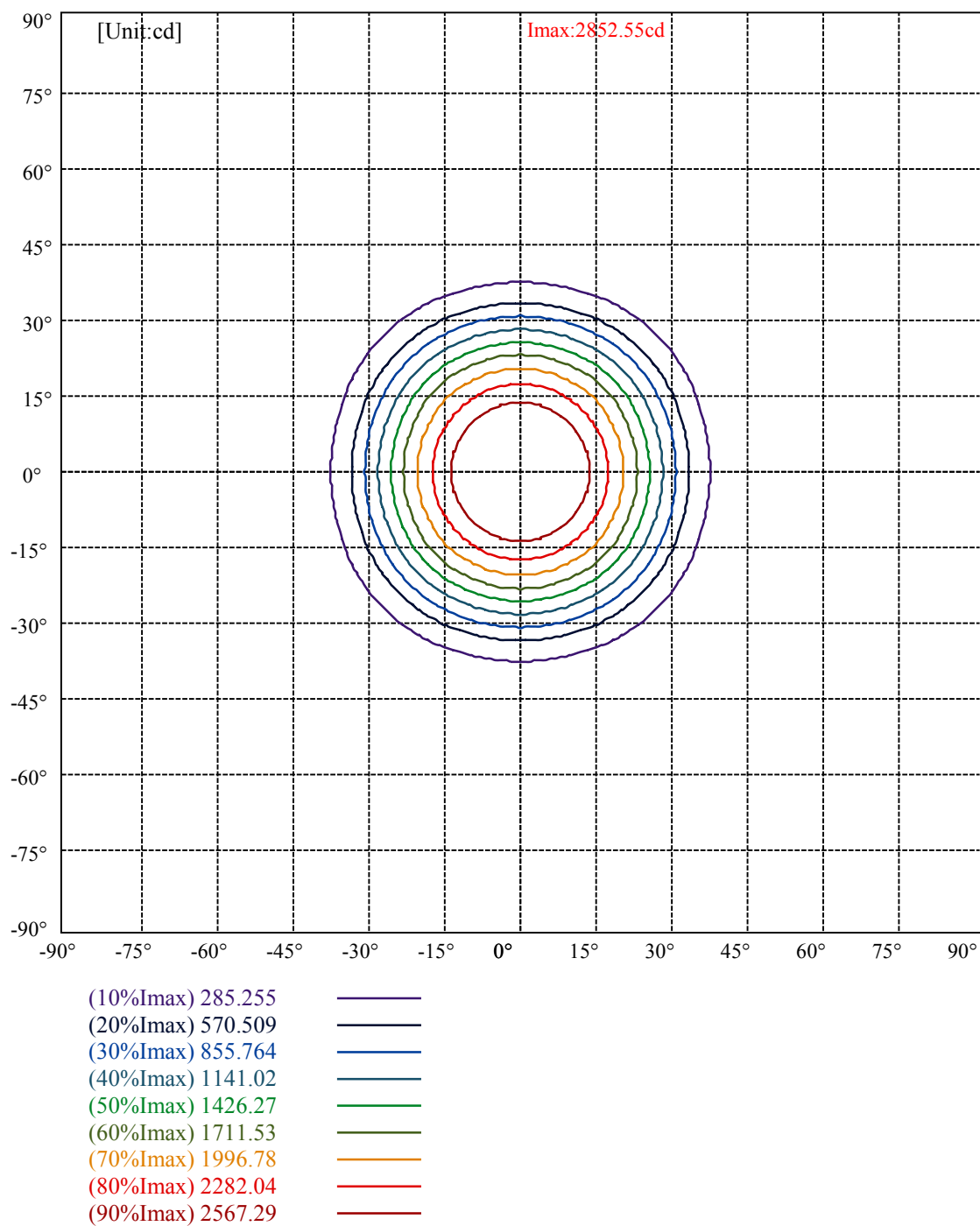
Field angle(10%I_{max}):C0/180Left:41.1 Right:33.1

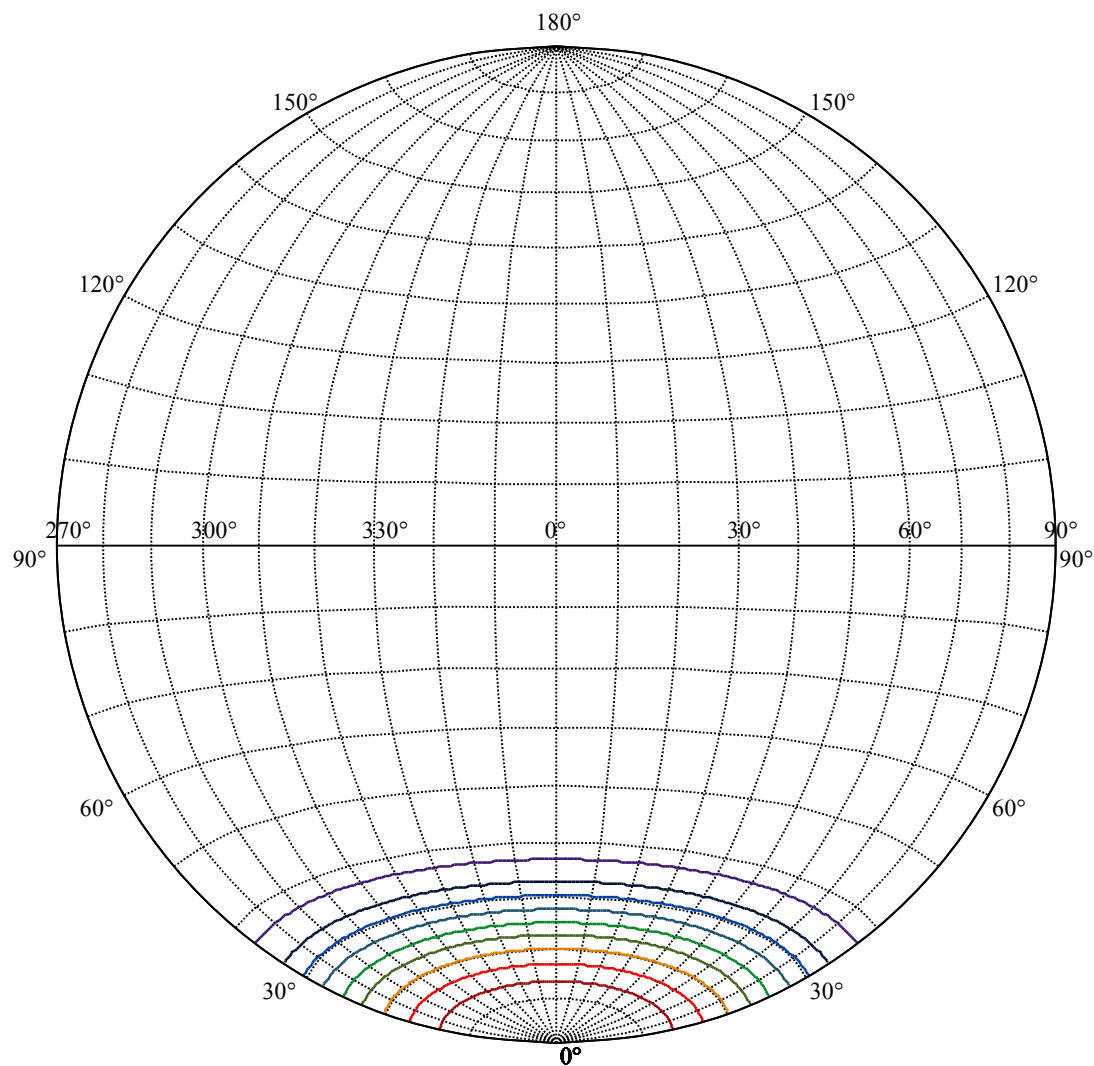
:C90/270Left:41.1 Right:33.1

Beam Angle(50%I_{max}):C0/180Left:29.3 Right:21.3

:C90/270Left:29.3 Right:21.3





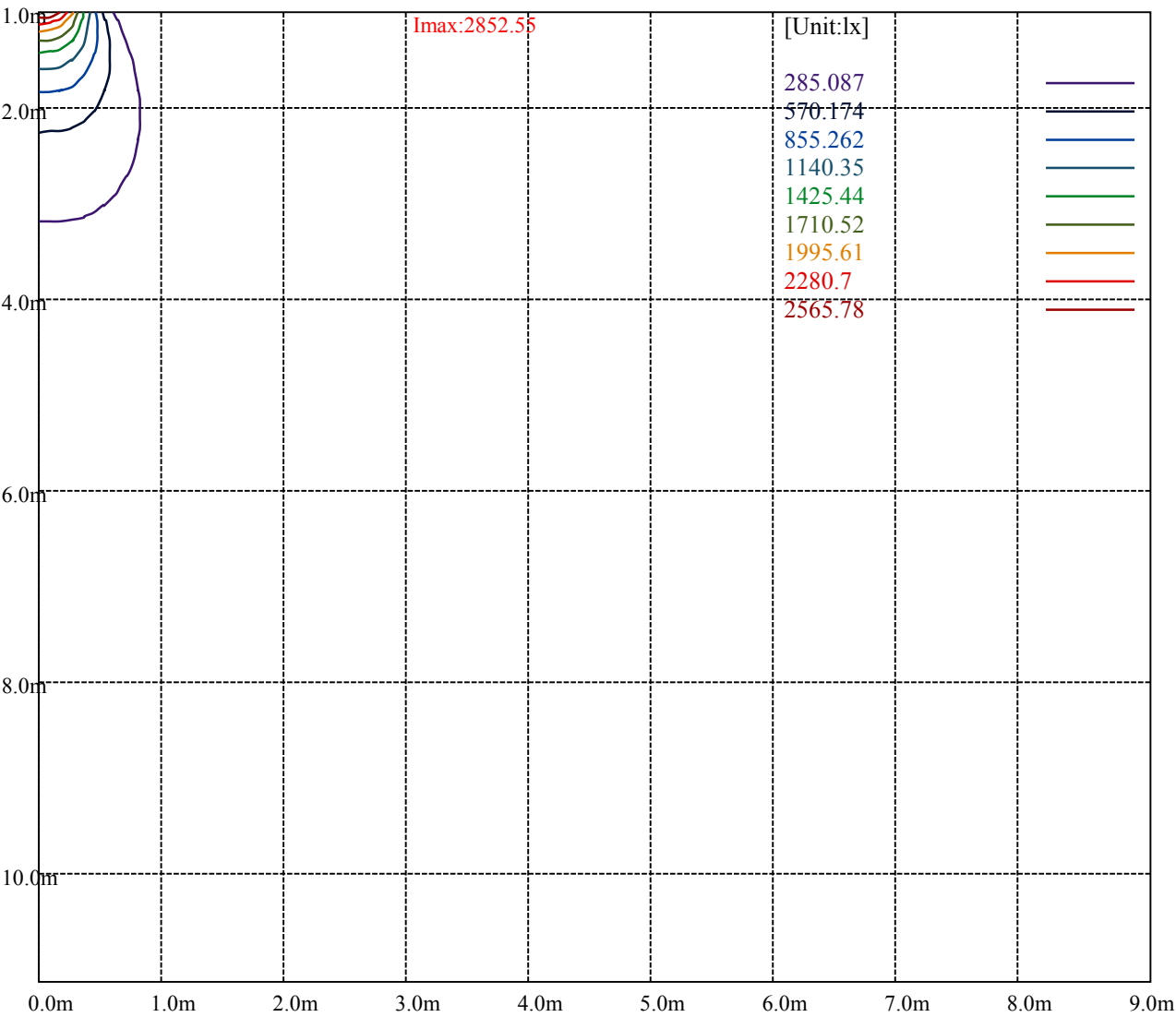


House

[Unit:cd]

Road

Imax:2852.55	
(10%Imax) 285.255	—
(20%Imax) 570.509	—
(30%Imax) 855.764	—
(40%Imax) 1141.02	—
(50%Imax) 1426.27	—
(60%Imax) 1711.53	—
(70%Imax) 1996.78	—
(80%Imax) 2282.04	—
(90%Imax) 2567.29	—



Luminance Limiting Curve(no luminous side)

Luminance Table

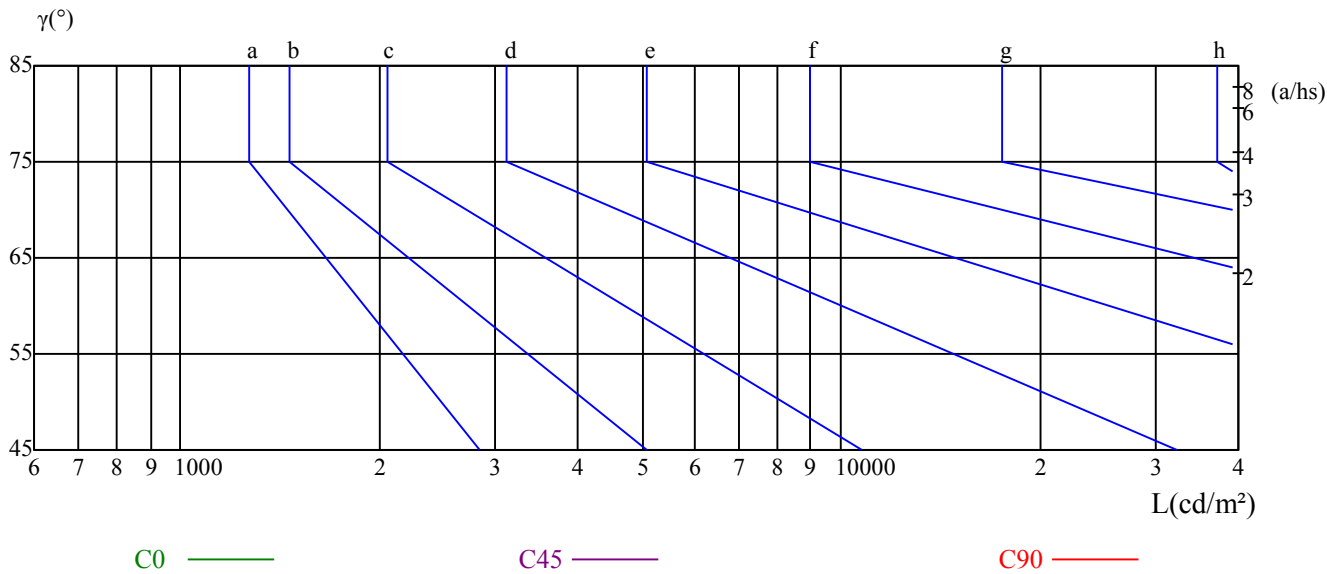
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

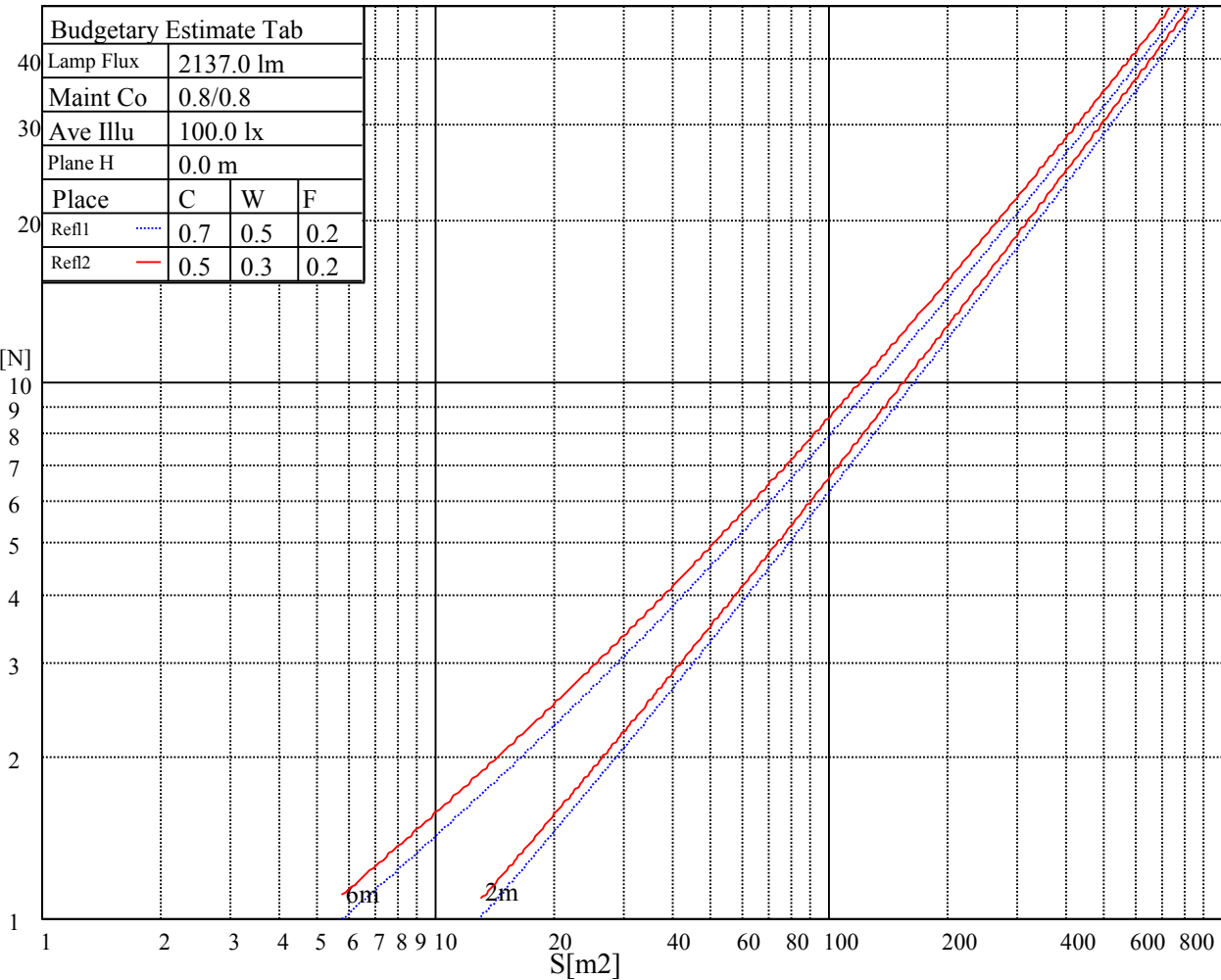
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

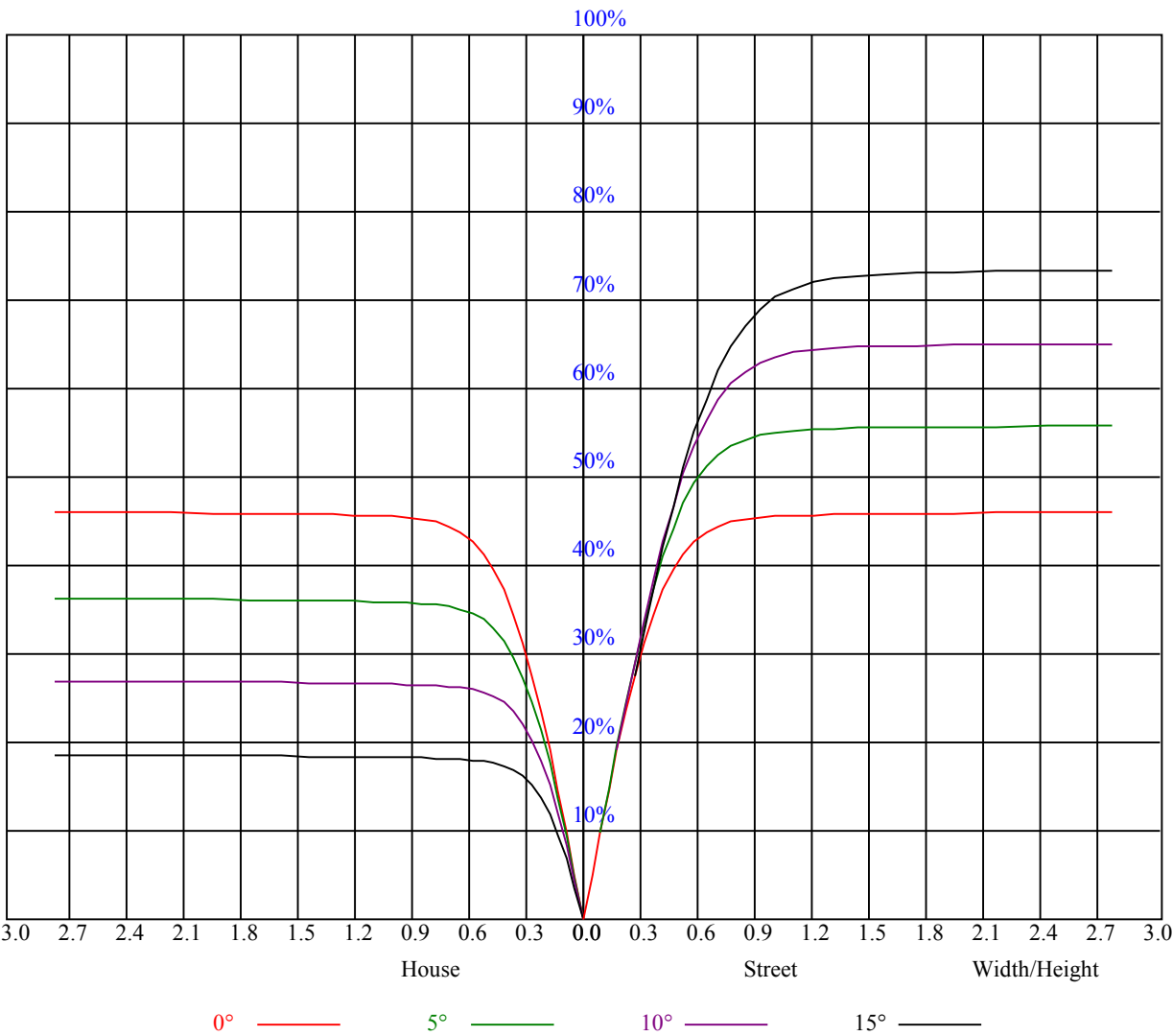


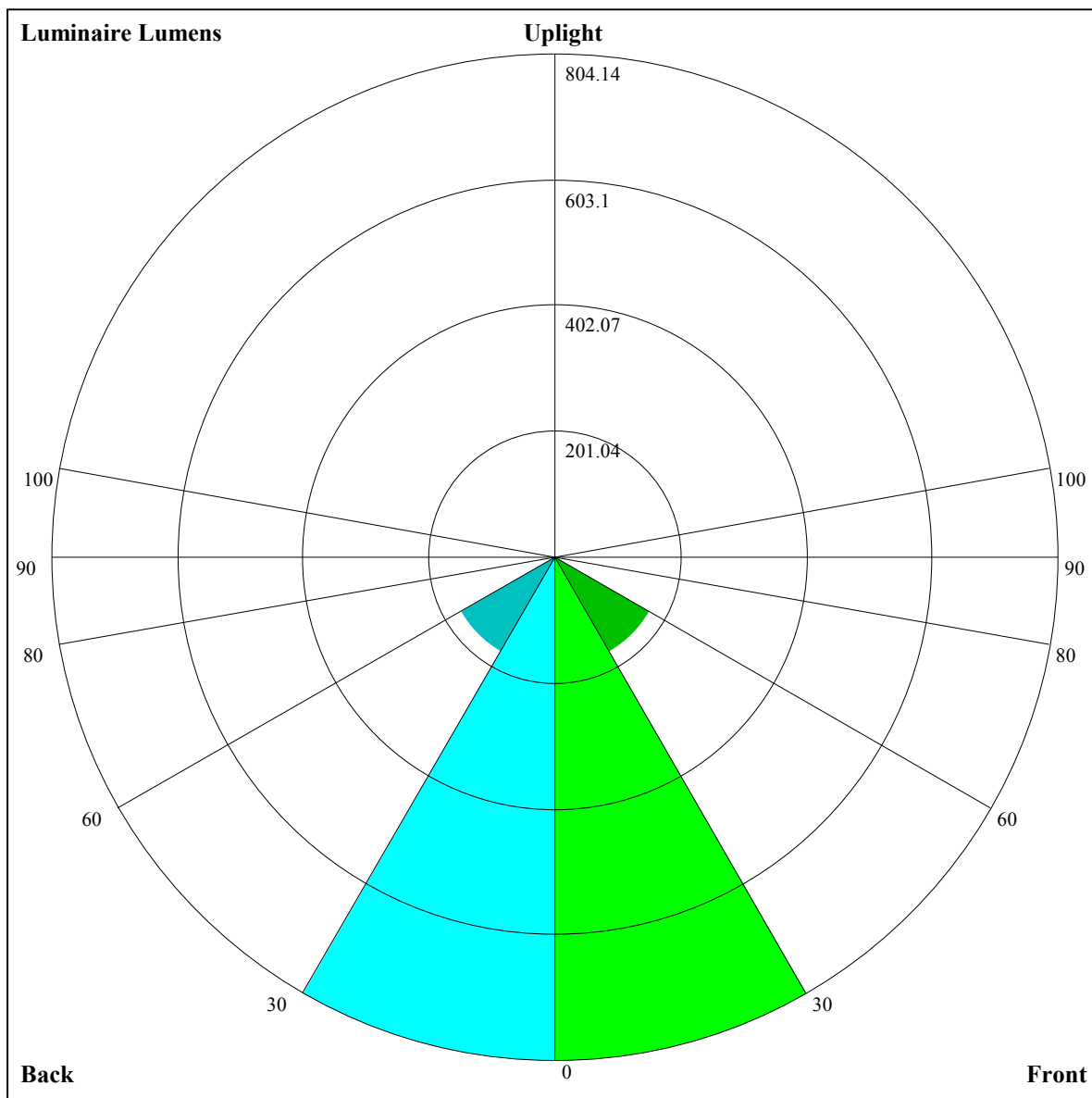
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.07	1.07	1.07	1.02	1.02	1.02	0.98	0.98	0.98	0.94	0.94	0.94	0.92
1	1.03	1.00	0.98	1.01	0.99	0.97	0.97	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.87
2	0.96	0.93	0.90	0.95	0.91	0.89	0.92	0.89	0.87	0.89	0.87	0.85	0.86	0.85	0.83	0.82
3	0.90	0.86	0.83	0.89	0.85	0.82	0.87	0.83	0.81	0.84	0.82	0.79	0.82	0.80	0.78	0.77
4	0.85	0.80	0.77	0.84	0.80	0.76	0.82	0.78	0.75	0.80	0.77	0.74	0.79	0.76	0.74	0.72
5	0.80	0.75	0.72	0.79	0.75	0.71	0.78	0.74	0.71	0.76	0.73	0.70	0.75	0.72	0.69	0.68
6	0.76	0.71	0.67	0.75	0.70	0.67	0.74	0.70	0.66	0.73	0.69	0.66	0.71	0.68	0.66	0.64
7	0.72	0.67	0.63	0.71	0.66	0.63	0.70	0.66	0.63	0.69	0.65	0.62	0.68	0.65	0.62	0.61
8	0.68	0.63	0.60	0.68	0.63	0.60	0.67	0.62	0.59	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	0.56	0.64	0.59	0.56	0.63	0.59	0.56	0.62	0.59	0.56	0.55
10	0.62	0.57	0.54	0.61	0.57	0.54	0.61	0.56	0.53	0.60	0.56	0.53	0.59	0.56	0.53	0.52





Luminaire Lumens:

FL=804.14,FM=173.71,FH=7.3,FVH=0.99

BL=804.14,BM=173.71,BH=7.3,BVH=0.99

UL=0,UH=0

BUG Rating:B2-U0-G0

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	2850.87	2851.08	2849.42	2849.28	2852.55	2847.39	2843.56	2834.86	2818.49
45.0	2850.87	2851.08	2849.42	2849.28	2852.55	2847.39	2843.56	2834.86	2818.49
90.0	2850.87	2851.08	2849.42	2849.28	2852.55	2847.39	2843.56	2834.86	2818.49
135.0	2850.87	2851.08	2849.42	2849.28	2852.55	2847.39	2843.56	2834.86	2818.49
180.0	2850.87	2851.08	2849.42	2849.28	2852.55	2847.39	2843.56	2834.86	2818.49
225.0	2850.87	2851.08	2849.42	2849.28	2852.55	2847.39	2843.56	2834.86	2818.49
270.0	2850.87	2851.08	2849.42	2849.28	2852.55	2847.39	2843.56	2834.86	2818.49
315.0	2850.87	2851.08	2849.42	2849.28	2852.55	2847.39	2843.56	2834.86	2818.49
360.0	2850.87	2851.08	2849.42	2849.28	2852.55	2847.39	2843.56	2834.86	2818.49

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	2793.22	2758.39	2715.41	2665.56	2607.05	2538.66	2469.71	2390.04	2291.90
45.0	2793.22	2758.39	2715.41	2665.56	2607.05	2538.66	2469.71	2390.04	2291.90
90.0	2793.22	2758.39	2715.41	2665.56	2607.05	2538.66	2469.71	2390.04	2291.90
135.0	2793.22	2758.39	2715.41	2665.56	2607.05	2538.66	2469.71	2390.04	2291.90
180.0	2793.22	2758.39	2715.41	2665.56	2607.05	2538.66	2469.71	2390.04	2291.90
225.0	2793.22	2758.39	2715.41	2665.56	2607.05	2538.66	2469.71	2390.04	2291.90
270.0	2793.22	2758.39	2715.41	2665.56	2607.05	2538.66	2469.71	2390.04	2291.90
315.0	2793.22	2758.39	2715.41	2665.56	2607.05	2538.66	2469.71	2390.04	2291.90
360.0	2793.22	2758.39	2715.41	2665.56	2607.05	2538.66	2469.71	2390.04	2291.90

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2203.59	2112.71	2014.02	1910.52	1809.12	1698.25	1590.16	1457.53	1343.68
45.0	2203.59	2112.71	2014.02	1910.52	1809.12	1698.25	1590.16	1457.53	1343.68
90.0	2203.59	2112.71	2014.02	1910.52	1809.12	1698.25	1590.16	1457.53	1343.68
135.0	2203.59	2112.71	2014.02	1910.52	1809.12	1698.25	1590.16	1457.53	1343.68
180.0	2203.59	2112.71	2014.02	1910.52	1809.12	1698.25	1590.16	1457.53	1343.68
225.0	2203.59	2112.71	2014.02	1910.52	1809.12	1698.25	1590.16	1457.53	1343.68
270.0	2203.59	2112.71	2014.02	1910.52	1809.12	1698.25	1590.16	1457.53	1343.68
315.0	2203.59	2112.71	2014.02	1910.52	1809.12	1698.25	1590.16	1457.53	1343.68
360.0	2203.59	2112.71	2014.02	1910.52	1809.12	1698.25	1590.16	1457.53	1343.68

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1247.97	1118.36	1025.74	908.71	789.81	676.34	571.65	482.10	398.15
45.0	1247.97	1118.36	1025.74	908.71	789.81	676.34	571.65	482.10	398.15
90.0	1247.97	1118.36	1025.74	908.71	789.81	676.34	571.65	482.10	398.15
135.0	1247.97	1118.36	1025.74	908.71	789.81	676.34	571.65	482.10	398.15
180.0	1247.97	1118.36	1025.74	908.71	789.81	676.34	571.65	482.10	398.15
225.0	1247.97	1118.36	1025.74	908.71	789.81	676.34	571.65	482.10	398.15
270.0	1247.97	1118.36	1025.74	908.71	789.81	676.34	571.65	482.10	398.15
315.0	1247.97	1118.36	1025.74	908.71	789.81	676.34	571.65	482.10	398.15
360.0	1247.97	1118.36	1025.74	908.71	789.81	676.34	571.65	482.10	398.15

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	336.92	289.74	238.66	200.10	173.50	128.51	104.52	86.41	68.98
45.0	336.92	289.74	238.66	200.10	173.50	128.51	104.52	86.41	68.98
90.0	336.92	289.74	238.66	200.10	173.50	128.51	104.52	86.41	68.98
135.0	336.92	289.74	238.66	200.10	173.50	128.51	104.52	86.41	68.98
180.0	336.92	289.74	238.66	200.10	173.50	128.51	104.52	86.41	68.98
225.0	336.92	289.74	238.66	200.10	173.50	128.51	104.52	86.41	68.98
270.0	336.92	289.74	238.66	200.10	173.50	128.51	104.52	86.41	68.98
315.0	336.92	289.74	238.66	200.10	173.50	128.51	104.52	86.41	68.98
360.0	336.92	289.74	238.66	200.10	173.50	128.51	104.52	86.41	68.98

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	57.71	47.84	39.90	34.50	30.07	26.56	23.74	21.48	19.52
45.0	57.71	47.84	39.90	34.50	30.07	26.56	23.74	21.48	19.52
90.0	57.71	47.84	39.90	34.50	30.07	26.56	23.74	21.48	19.52
135.0	57.71	47.84	39.90	34.50	30.07	26.56	23.74	21.48	19.52
180.0	57.71	47.84	39.90	34.50	30.07	26.56	23.74	21.48	19.52
225.0	57.71	47.84	39.90	34.50	30.07	26.56	23.74	21.48	19.52
270.0	57.71	47.84	39.90	34.50	30.07	26.56	23.74	21.48	19.52
315.0	57.71	47.84	39.90	34.50	30.07	26.56	23.74	21.48	19.52
360.0	57.71	47.84	39.90	34.50	30.07	26.56	23.74	21.48	19.52
C/ γ (°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	18.15	16.55	15.43	14.49	13.53	12.70	11.93	11.27	10.67
45.0	18.15	16.55	15.43	14.49	13.53	12.70	11.93	11.27	10.67
90.0	18.15	16.55	15.43	14.49	13.53	12.70	11.93	11.27	10.67
135.0	18.15	16.55	15.43	14.49	13.53	12.70	11.93	11.27	10.67
180.0	18.15	16.55	15.43	14.49	13.53	12.70	11.93	11.27	10.67
225.0	18.15	16.55	15.43	14.49	13.53	12.70	11.93	11.27	10.67
270.0	18.15	16.55	15.43	14.49	13.53	12.70	11.93	11.27	10.67
315.0	18.15	16.55	15.43	14.49	13.53	12.70	11.93	11.27	10.67
360.0	18.15	16.55	15.43	14.49	13.53	12.70	11.93	11.27	10.67
C/ γ (°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	10.09	9.63	9.09	8.61	8.22	7.77	7.40	7.00	6.61
45.0	10.09	9.63	9.09	8.61	8.22	7.77	7.40	7.00	6.61
90.0	10.09	9.63	9.09	8.61	8.22	7.77	7.40	7.00	6.61
135.0	10.09	9.63	9.09	8.61	8.22	7.77	7.40	7.00	6.61
180.0	10.09	9.63	9.09	8.61	8.22	7.77	7.40	7.00	6.61
225.0	10.09	9.63	9.09	8.61	8.22	7.77	7.40	7.00	6.61
270.0	10.09	9.63	9.09	8.61	8.22	7.77	7.40	7.00	6.61
315.0	10.09	9.63	9.09	8.61	8.22	7.77	7.40	7.00	6.61
360.0	10.09	9.63	9.09	8.61	8.22	7.77	7.40	7.00	6.61
C/ γ (°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	6.24	5.91	5.49	5.19	4.82	4.44	4.09	3.71	3.37
45.0	6.24	5.91	5.49	5.19	4.82	4.44	4.09	3.71	3.37
90.0	6.24	5.91	5.49	5.19	4.82	4.44	4.09	3.71	3.37
135.0	6.24	5.91	5.49	5.19	4.82	4.44	4.09	3.71	3.37
180.0	6.24	5.91	5.49	5.19	4.82	4.44	4.09	3.71	3.37
225.0	6.24	5.91	5.49	5.19	4.82	4.44	4.09	3.71	3.37
270.0	6.24	5.91	5.49	5.19	4.82	4.44	4.09	3.71	3.37
315.0	6.24	5.91	5.49	5.19	4.82	4.44	4.09	3.71	3.37
360.0	6.24	5.91	5.49	5.19	4.82	4.44	4.09	3.71	3.37
C/ γ (°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	3.00	2.66	2.33	1.98	1.70	1.46	1.19	0.95	0.81
45.0	3.00	2.66	2.33	1.98	1.70	1.46	1.19	0.95	0.81
90.0	3.00	2.66	2.33	1.98	1.70	1.46	1.19	0.95	0.81
135.0	3.00	2.66	2.33	1.98	1.70	1.46	1.19	0.95	0.81
180.0	3.00	2.66	2.33	1.98	1.70	1.46	1.19	0.95	0.81
225.0	3.00	2.66	2.33	1.98	1.70	1.46	1.19	0.95	0.81
270.0	3.00	2.66	2.33	1.98	1.70	1.46	1.19	0.95	0.81
315.0	3.00	2.66	2.33	1.98	1.70	1.46	1.19	0.95	0.81
360.0	3.00	2.66	2.33	1.98	1.70	1.46	1.19	0.95	0.81

Intensity data(cd)

Appendix Page: 20 Total:20

C/ $\gamma(^{\circ})$	90.0
0.0	0.72
45.0	0.72
90.0	0.72
135.0	0.72
180.0	0.72
225.0	0.72
270.0	0.72
315.0	0.72
360.0	0.72