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Nata

Client:

LumCAT: 2-2752-L

Luminaire: 92.70.411.00

Report No: 2024830-B001

Ballast type: AC

Test No: 2024830-C001

LampCAT: Fortimo_SLM_C_1208

Lamp flux(lm): 3409.0

Number of Lamps: 1

Length(mm): 0

Phm Type: C

Voltage(V): 35.080

Current(A): 0.603

Power (W): 21.150

PF: 0.000

Width(mm): 0

Height(mm): 0

Photometric Results

Lumens(lm): 3191.84, Efficiency(%): 93.63% , Luminous Efficacy(lm/W): 150.91

Central intensity(cd): 11886.250, Maximum intensity(cd): 11886.250

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=24.4

[C90/270]Total=24.4

Field angle(10%Imax): [C0/180]Total=55.8

[C90/270]Total=55.8

Maximum s/h(1/2): C0_180=0.41 C90_270=0.41

Maximum s/h(1/4): C0_180=0.43 C90_270=0.43

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 93.63%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 99.367%

Equipment: GMS 1800
Temperature(°C): 25.0

Date: 2024/8/30
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	11886.247	0.000	0	0.00%	0.00%
1.0	11706.700	11.289	11.289	0.33%	0.35%
2.0	11627.305	33.491	44.78	0.98%	1.40%
3.0	11279.039	54.784	99.564	1.61%	3.12%
4.0	10848.460	74.068	173.632	2.17%	5.44%
5.0	10477.809	91.744	265.377	2.69%	8.31%
6.0	9951.152	107.360	372.736	3.15%	11.68%
7.0	9343.707	119.763	492.499	3.51%	15.43%
8.0	8726.860	129.328	621.827	3.79%	19.48%
9.0	8029.080	135.798	757.625	3.98%	23.74%
10.0	7384.026	139.483	897.108	4.09%	28.11%
11.0	6774.833	141.476	1038.584	4.15%	32.54%
12.0	6084.372	140.570	1179.153	4.12%	36.94%
13.0	5494.549	137.413	1316.566	4.03%	41.25%
14.0	4894.489	132.979	1449.544	3.90%	45.41%
15.0	4319.567	126.495	1576.039	3.71%	49.38%
16.0	3839.986	119.560	1695.599	3.51%	53.12%
17.0	3399.473	112.738	1808.337	3.31%	56.66%
18.0	3038.362	106.146	1914.483	3.11%	59.98%
19.0	2779.006	101.210	2015.693	2.97%	63.15%
20.0	2474.623	96.156	2111.849	2.82%	66.16%
21.0	2249.005	90.703	2202.553	2.66%	69.01%
22.0	2021.501	85.818	2288.37	2.52%	71.69%
23.0	1784.405	79.858	2368.228	2.34%	74.20%
24.0	1630.699	74.666	2442.895	2.19%	76.54%
25.0	1508.044	71.368	2514.263	2.09%	78.77%
26.0	1367.538	67.878	2582.142	1.99%	80.90%
27.0	1288.281	64.975	2647.117	1.91%	82.93%
28.0	1171.375	62.273	2709.39	1.83%	84.88%
29.0	1060.396	58.389	2767.779	1.71%	86.71%
30.0	977.820	55.031	2822.811	1.61%	88.44%
31.0	857.715	51.080	2873.891	1.50%	90.04%
32.0	747.932	46.000	2919.891	1.35%	91.48%
33.0	635.244	40.749	2960.64	1.20%	92.76%
34.0	531.834	35.319	2995.959	1.04%	93.86%
35.0	429.692	29.861	3025.821	0.88%	94.80%
36.0	347.589	24.749	3050.569	0.73%	95.57%
37.0	264.324	19.957	3070.526	0.59%	96.20%

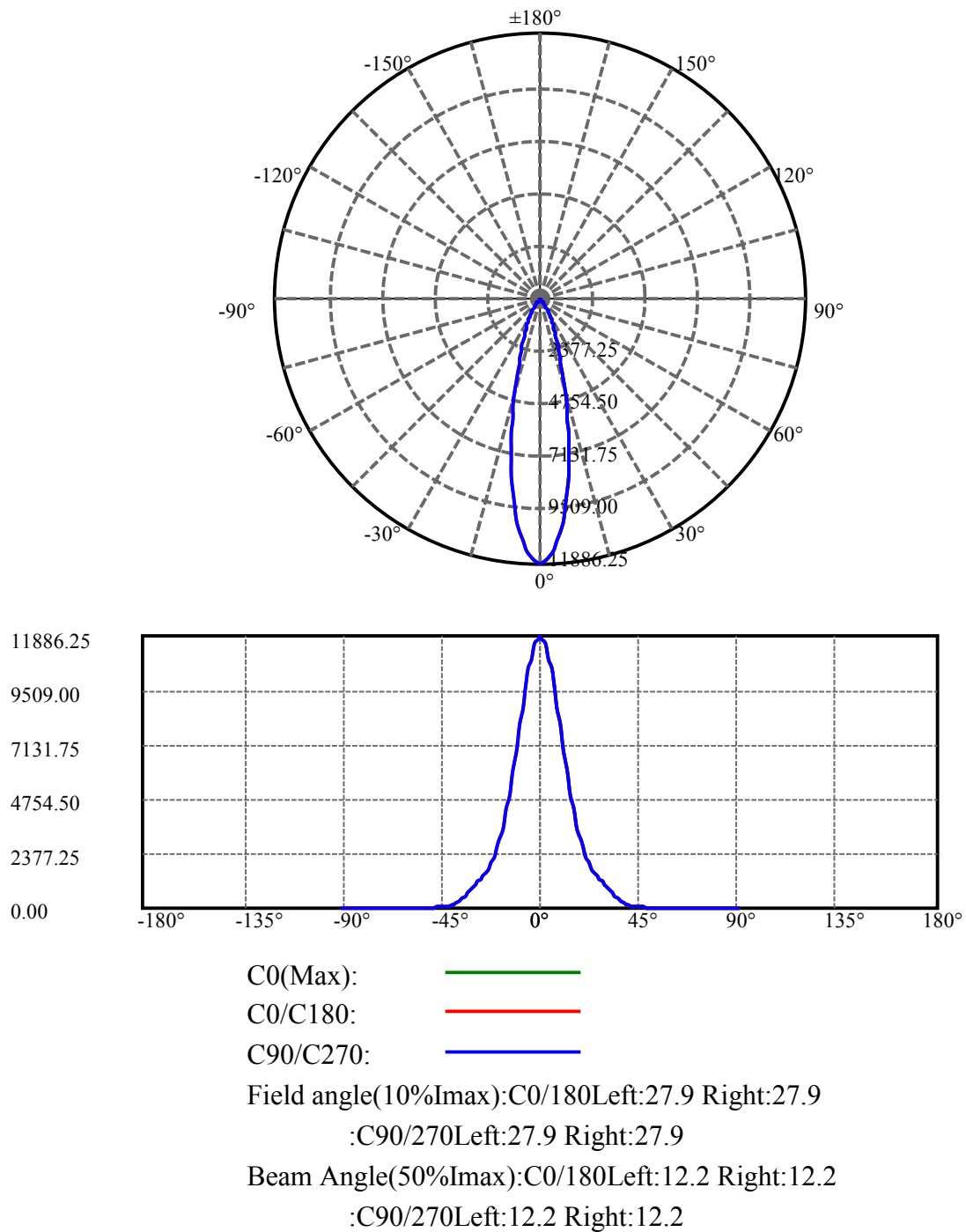
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	204.008	15.632	3086.159	0.46%	96.69%
39.0	156.663	12.311	3098.469	0.36%	97.07%
40.0	125.775	9.850	3108.32	0.29%	97.38%
41.0	78.679	7.281	3115.6	0.21%	97.61%
42.0	66.078	5.259	3120.86	0.15%	97.78%
43.0	57.425	4.575	3125.435	0.13%	97.92%
44.0	51.465	4.110	3129.544	0.12%	98.05%
45.0	46.721	3.773	3133.318	0.11%	98.17%
46.0	42.372	3.484	3136.802	0.10%	98.28%
47.0	38.936	3.234	3140.036	0.09%	98.38%
48.0	35.946	3.027	3143.063	0.09%	98.47%
49.0	33.528	2.853	3145.916	0.08%	98.56%
50.0	31.695	2.719	3148.635	0.08%	98.65%
51.0	29.908	2.606	3151.242	0.08%	98.73%
52.0	28.798	2.519	3153.761	0.07%	98.81%
53.0	27.674	2.457	3156.217	0.07%	98.88%
54.0	26.754	2.399	3158.616	0.07%	98.96%
55.0	25.808	2.346	3160.963	0.07%	99.03%
56.0	24.744	2.284	3163.247	0.07%	99.10%
57.0	23.837	2.221	3165.468	0.07%	99.17%
58.0	22.661	2.150	3167.618	0.06%	99.24%
59.0	21.367	2.058	3169.677	0.06%	99.31%
60.0	19.980	1.953	3171.63	0.06%	99.37%
61.0	18.587	1.841	3173.471	0.05%	99.42%
62.0	17.116	1.720	3175.191	0.05%	99.48%
63.0	15.683	1.595	3176.786	0.05%	99.53%
64.0	14.258	1.469	3178.255	0.04%	99.57%
65.0	12.878	1.343	3179.598	0.04%	99.62%
66.0	11.748	1.229	3180.827	0.04%	99.66%
67.0	10.578	1.123	3181.95	0.03%	99.69%
68.0	9.606	1.022	3182.972	0.03%	99.72%
69.0	8.601	0.929	3183.901	0.03%	99.75%
70.0	7.746	0.840	3184.74	0.02%	99.78%
71.0	6.984	0.761	3185.502	0.02%	99.80%
72.0	6.275	0.689	3186.191	0.02%	99.82%
73.0	5.736	0.628	3186.819	0.02%	99.84%
74.0	5.191	0.574	3187.394	0.02%	99.86%
75.0	4.685	0.522	3187.915	0.02%	99.88%

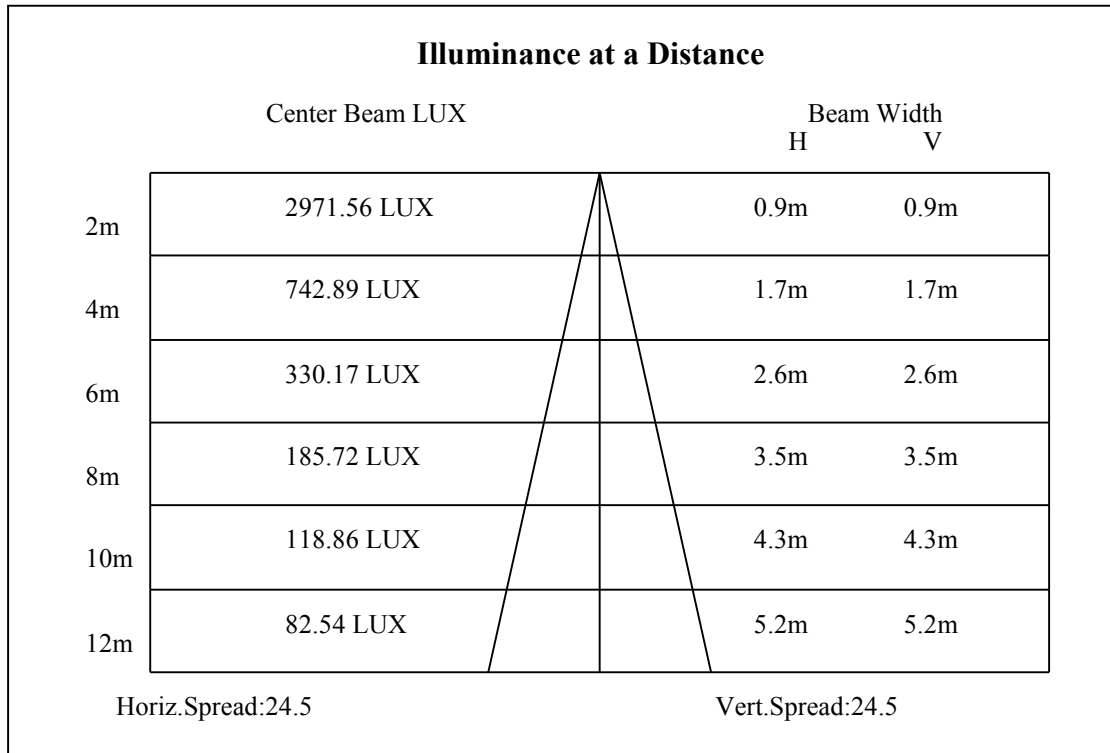
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	4.310	0.477	3188.393	0.01%	99.89%
77.0	3.968	0.441	3188.834	0.01%	99.91%
78.0	3.601	0.405	3189.239	0.01%	99.92%
79.0	3.279	0.370	3189.609	0.01%	99.93%
80.0	2.970	0.337	3189.946	0.01%	99.94%
81.0	2.681	0.306	3190.251	0.01%	99.95%
82.0	2.378	0.274	3190.526	0.01%	99.96%
83.0	2.116	0.244	3190.77	0.01%	99.97%
84.0	1.886	0.218	3190.988	0.01%	99.97%
85.0	1.669	0.194	3191.182	0.01%	99.98%
86.0	1.465	0.171	3191.353	0.01%	99.98%
87.0	1.235	0.148	3191.501	0.00%	99.99%
88.0	1.078	0.127	3191.628	0.00%	99.99%
89.0	0.946	0.111	3191.739	0.00%	100.00%
90.0	0.854	0.099	3191.838	0.00%	100.00%

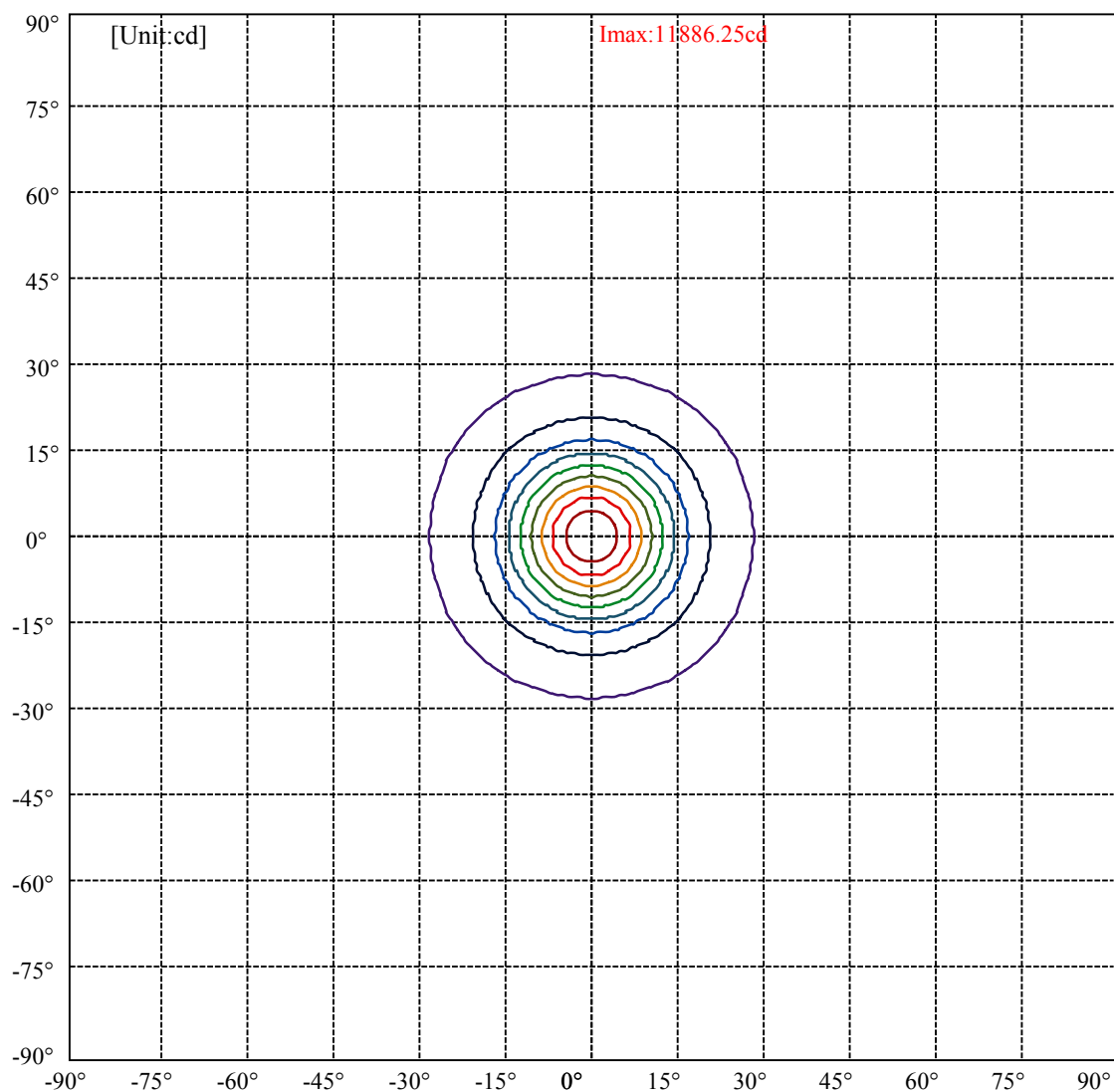
ZONAL LUMEN SUMMARY			
Zone	Lumens	%Lamp	%Fixt
0-30	2822.81	82.80%	88.44%
0-40	3108.32	91.18%	97.38%
0-60	3171.63	93.04%	99.37%
0-90	3191.74	93.63%	100.00%
0-120	3191.74	93.63%	100.00%
0-180	3191.84	93.63%	100.00%
60-90	20.11	0.59%	0.63%
90-120	0.00	0.00%	0.00%
90-130	0.00	0.00%	0.00%
90-150	0.00	0.00%	0.00%
90-180	0.00	0.00%	0.00%
0-25.58	2553.47	74.90%	80.00%

ZONAL LUMEN SUMMARY

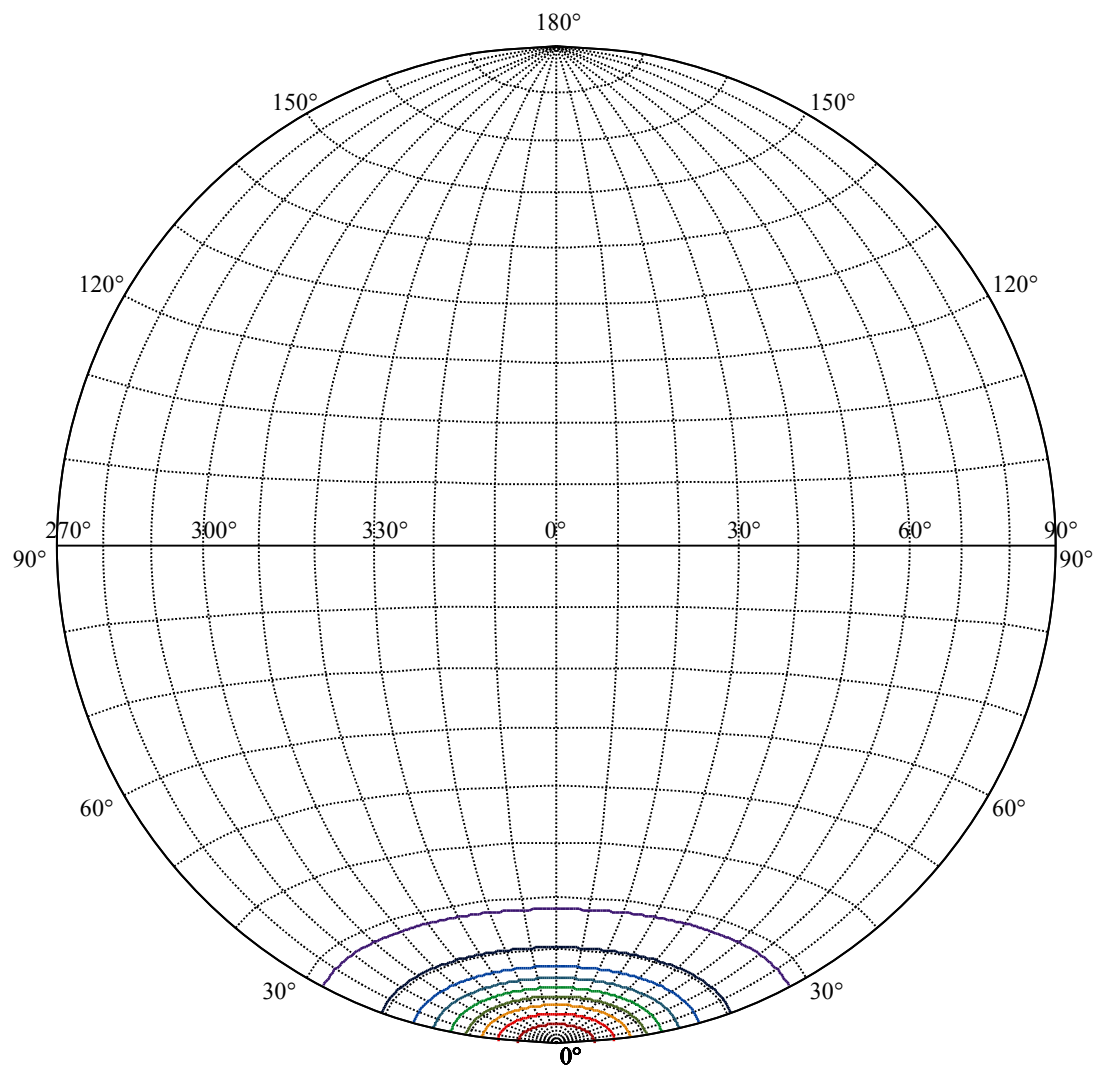
0-10	897.11
10-20	1214.74
20-30	710.96
30-40	285.51
40-50	40.32
50-60	22.99
60-70	13.11
70-80	5.21
80-90	1.79
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00







(10%Imax) 1188.62	—
(20%Imax) 2377.25	—
(30%Imax) 3565.87	—
(40%Imax) 4754.5	—
(50%Imax) 5943.12	—
(60%Imax) 7131.75	—
(70%Imax) 8320.37	—
(80%Imax) 9509	—
(90%Imax) 10697.6	—



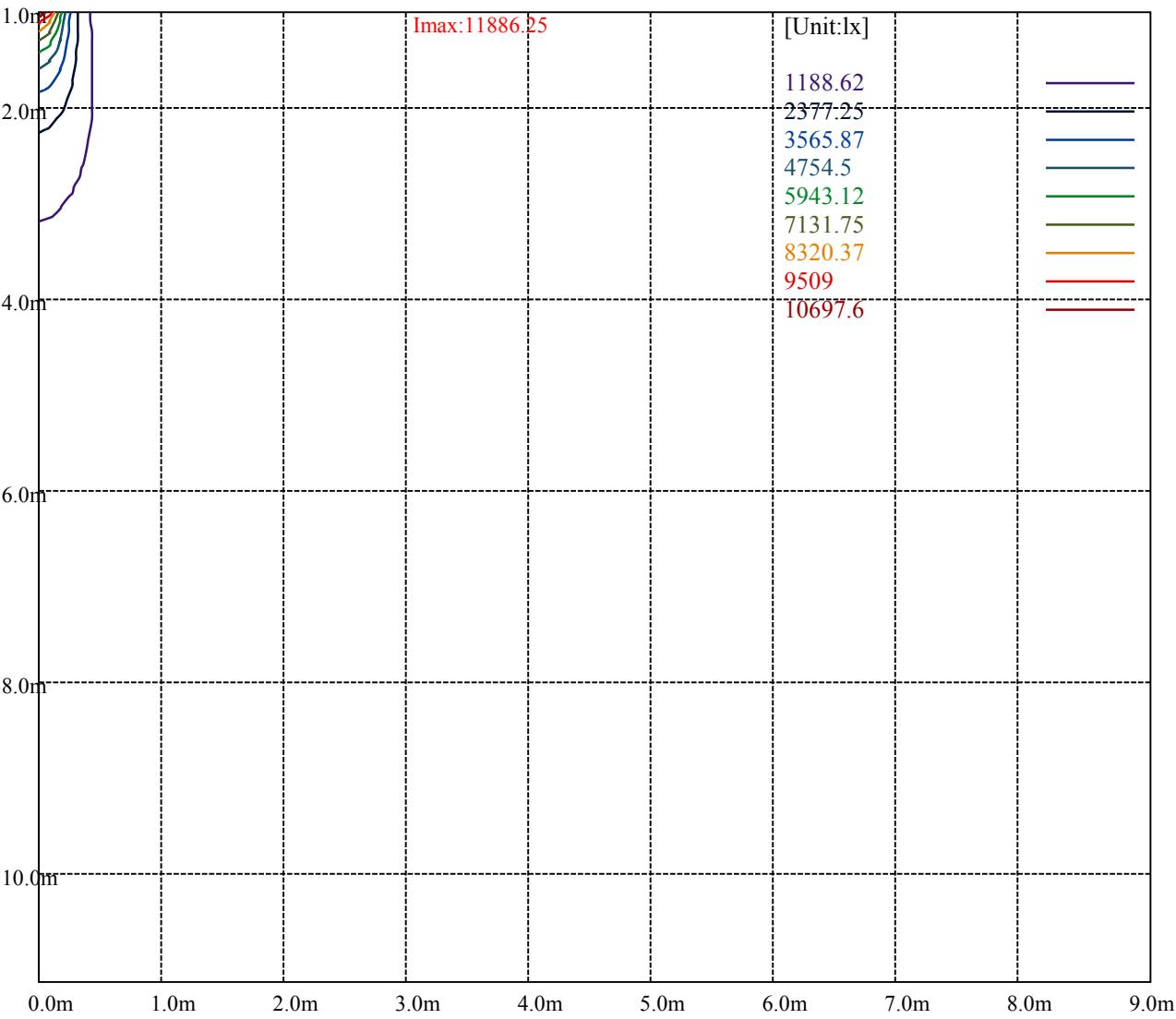
House

[Unit:cd]

Road

Imax:11886.25

(10%Imax)	1188.62	—
(20%Imax)	2377.25	—
(30%Imax)	3565.87	—
(40%Imax)	4754.5	—
(50%Imax)	5943.12	—
(60%Imax)	7131.75	—
(70%Imax)	8320.37	—
(80%Imax)	9509	—
(90%Imax)	10697.6	—



Luminance Table

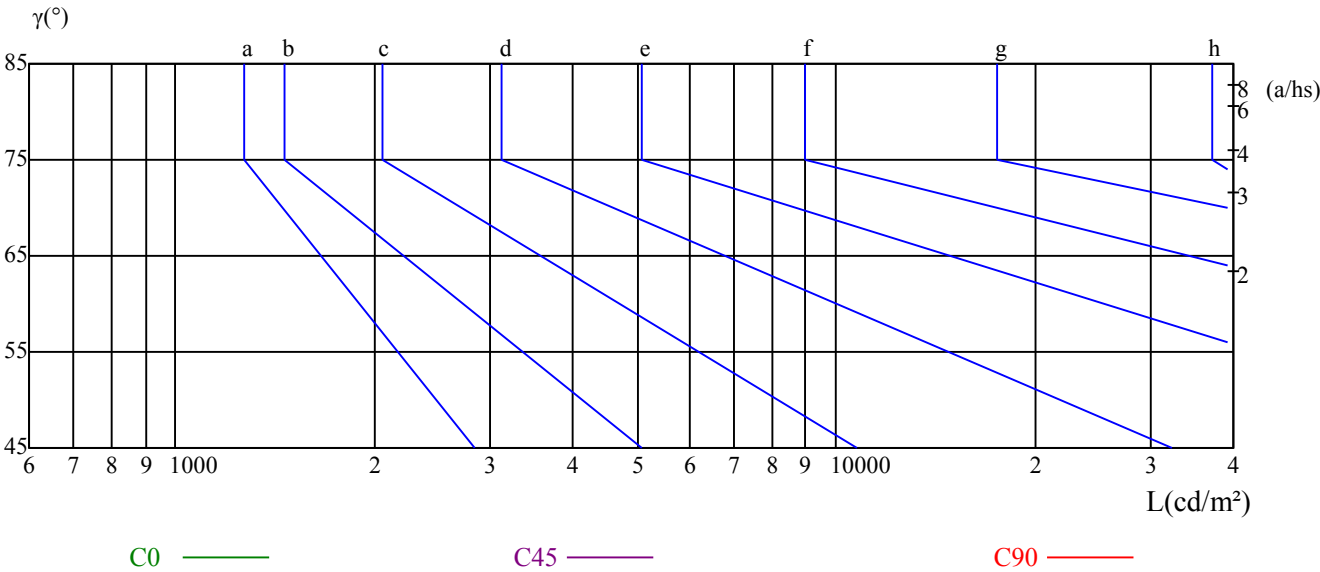
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

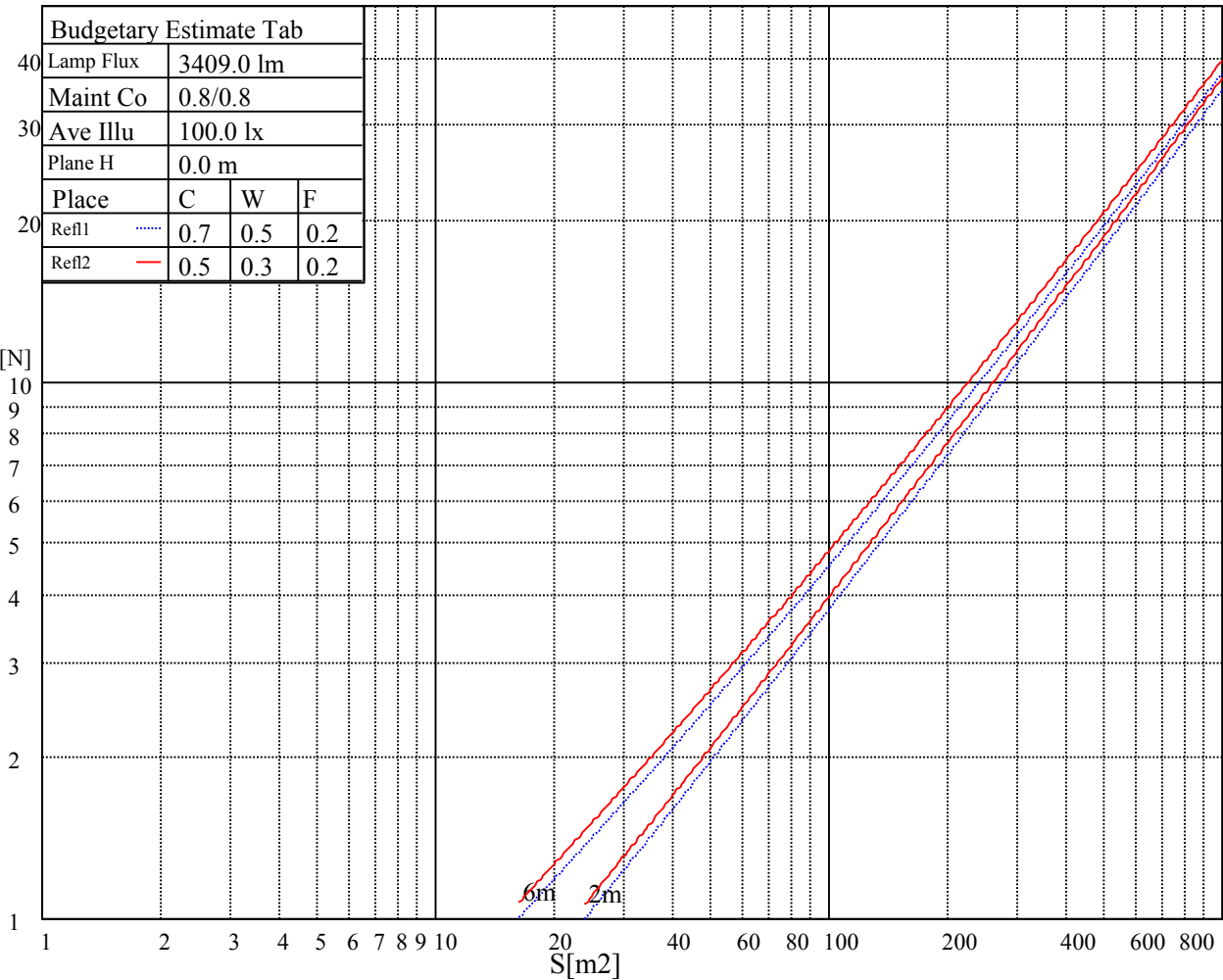
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

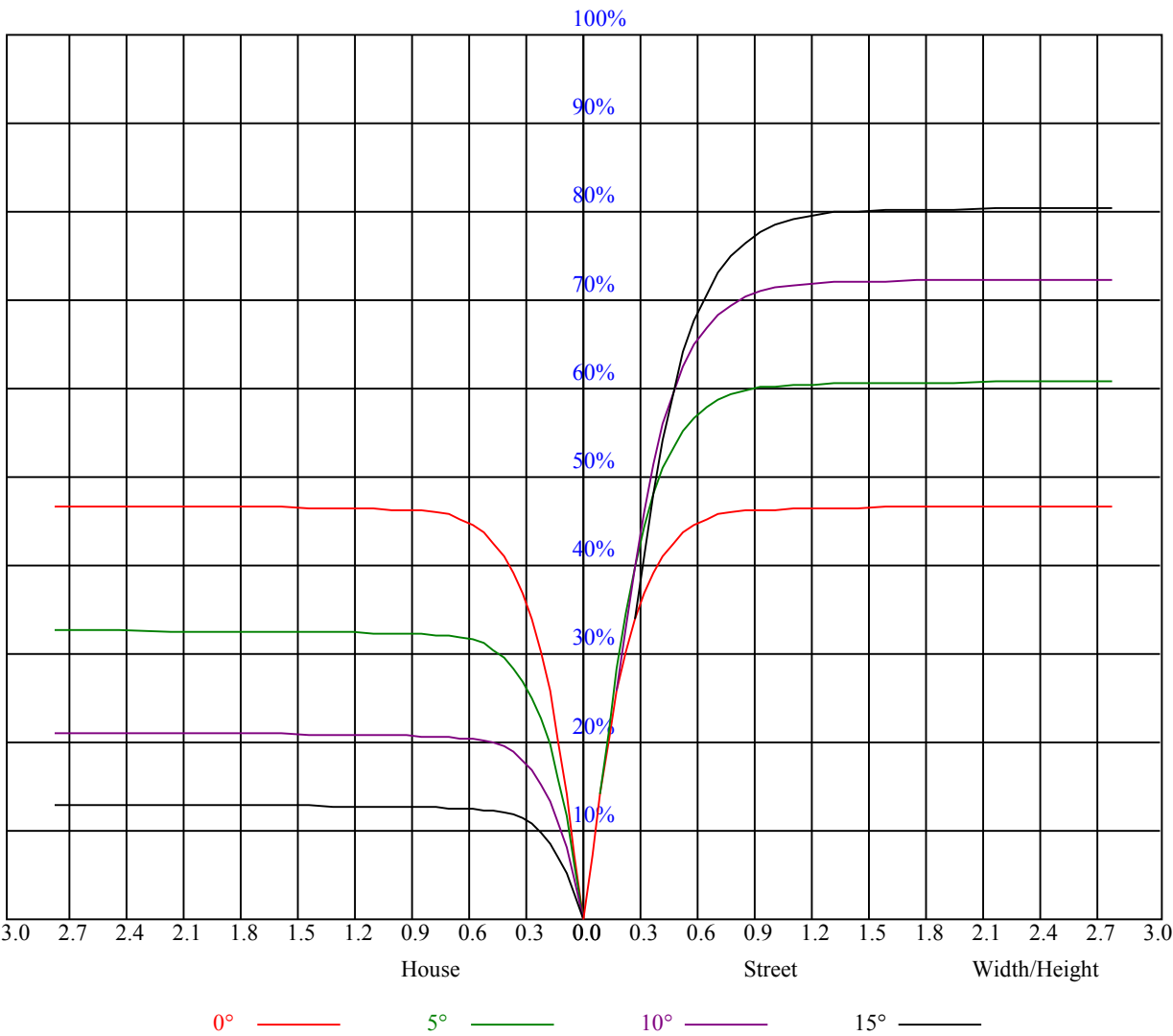


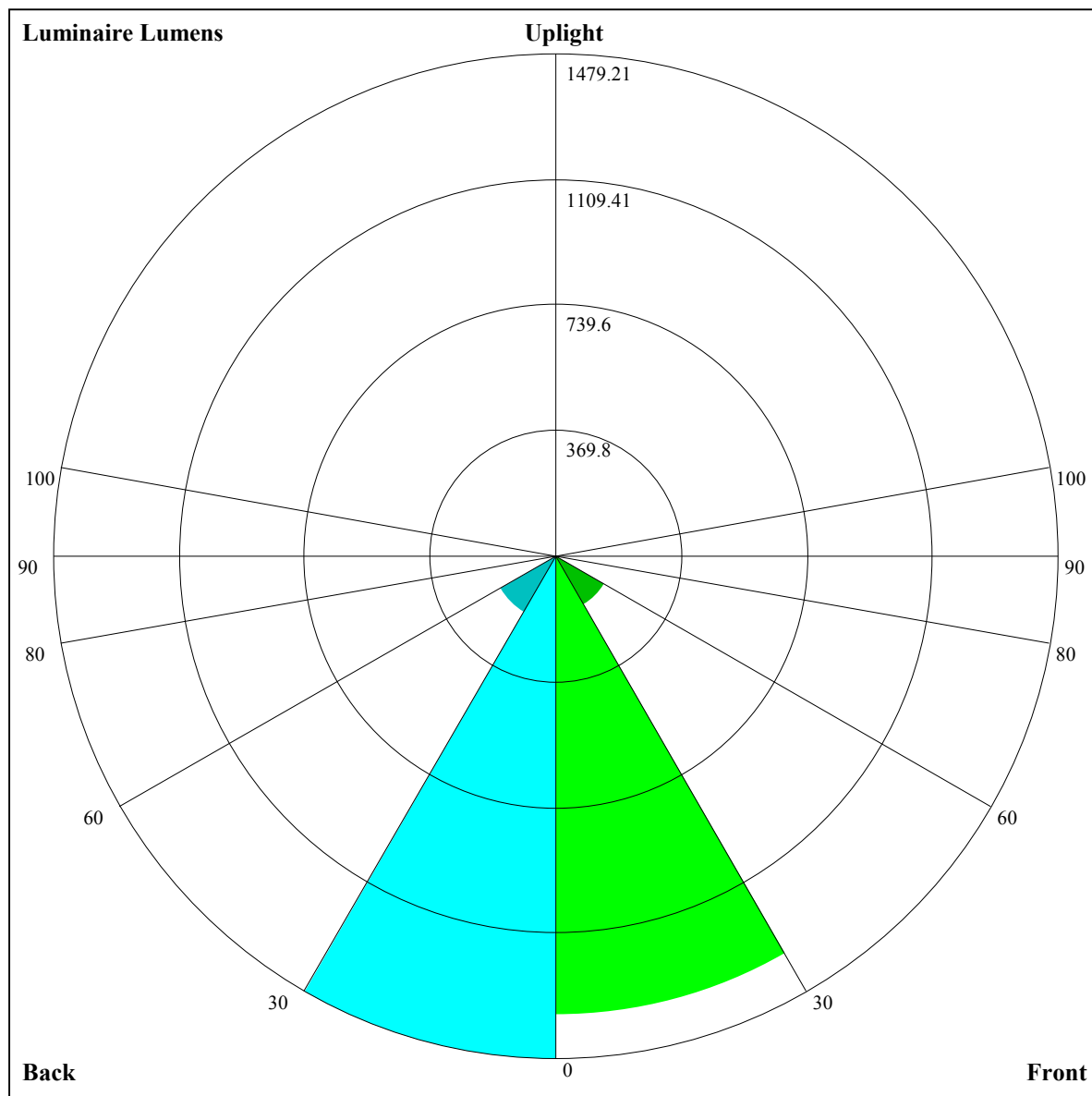
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.09	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	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.89
2	0.99	0.96	0.94	0.98	0.95	0.93	0.95	0.93	0.91	0.92	0.90	0.89	0.90	0.88	0.87	0.85
3	0.94	0.91	0.88	0.93	0.90	0.87	0.91	0.88	0.86	0.89	0.86	0.84	0.87	0.85	0.83	0.82
4	0.90	0.86	0.83	0.89	0.85	0.82	0.87	0.84	0.81	0.85	0.83	0.80	0.84	0.81	0.79	0.78
5	0.86	0.82	0.79	0.85	0.81	0.78	0.84	0.80	0.77	0.82	0.79	0.77	0.81	0.78	0.76	0.75
6	0.82	0.78	0.75	0.82	0.78	0.75	0.80	0.77	0.74	0.79	0.76	0.74	0.78	0.75	0.73	0.72
7	0.79	0.75	0.72	0.79	0.74	0.71	0.78	0.74	0.71	0.77	0.73	0.71	0.76	0.73	0.70	0.69
8	0.76	0.72	0.69	0.76	0.72	0.69	0.75	0.71	0.68	0.74	0.71	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	0.69	0.66	0.72	0.68	0.66	0.71	0.68	0.65	0.65
10	0.71	0.67	0.64	0.71	0.66	0.64	0.70	0.66	0.64	0.69	0.66	0.63	0.69	0.66	0.63	0.62





Luminaire Lumens:

FL=1349.75,FM=163.43,FH=8.8,FVH=0.9

BL=1479.21,BM=192.78,BH=9.58,BVH=1.01

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	11826.35	11103.99	11103.99	10718.97	10165.75	9551.76	8895.94	8216.78	7540.41
45.0	11982.36	11809.64	11525.48	11157.76	10667.45	10099.15	9475.13	8823.25	8137.94
90.0	11770.64	10978.62	10978.62	10448.74	9858.15	9228.56	8557.75	7879.70	7182.67
135.0	11965.64	11904.36	11714.92	11430.77	11029.61	10528.16	9948.71	9330.26	8667.24
180.0	11826.35	11943.36	11915.50	11770.64	11508.77	11146.61	10873.60	10138.15	9781.57
225.0	11982.36	12015.79	11915.50	11698.20	10959.12	10959.12	10650.48	10071.55	9438.07
270.0	11770.64	11965.64	12032.50	11976.79	11770.64	11586.77	11040.75	10745.46	10188.29
315.0	11965.64	11932.21	11831.92	11030.45	10828.19	10722.33	10166.85	9544.51	8878.70
360.0	11826.35	11103.99	11103.99	10718.97	10165.75	9551.76	8895.94	8216.78	7540.41
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	6857.83	6176.46	5779.72	4902.77	4564.58	4031.91	3376.14	3138.24	2781.08
45.0	7447.06	6756.17	6076.44	5441.27	4950.97	4276.80	3786.50	3424.34	2950.75
90.0	6493.47	5815.94	5439.85	4833.70	4286.00	3789.02	3347.18	2963.26	2638.48
135.0	7987.50	7307.76	6622.45	5948.29	5324.27	4711.39	4176.51	3691.78	3268.34
180.0	9146.40	8477.81	7803.64	7123.90	6433.02	5781.14	5140.40	4560.95	4037.22
225.0	8775.62	8104.24	7422.82	6730.26	6049.94	5393.65	4789.13	4237.54	3736.62
270.0	9307.98	8906.82	8221.51	7536.20	6845.32	6171.15	5519.27	4900.82	4343.66
315.0	8216.78	7527.00	6832.23	6158.59	5502.30	5000.85	4421.40	3802.95	3439.64
360.0	6857.83	6176.46	5779.72	4902.77	4564.58	4031.91	3376.14	3138.24	2781.08
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2472.43	2218.35	2000.53	1815.51	1656.72	1521.37	1402.68	1302.92	1110.12
45.0	2817.03	2817.03	2157.64	1954.27	1778.77	1621.66	1488.46	1378.14	1280.63
90.0	2362.11	2123.63	1920.27	1749.81	1604.94	1475.11	1369.25	1277.85	1070.33
135.0	2900.61	2900.61	2772.46	2141.45	1939.77	1767.05	1616.61	1496.30	1396.01
180.0	3569.20	3151.33	2928.47	2928.47	2245.10	2074.06	1847.31	1718.58	1577.09
225.0	3302.03	2928.20	2603.89	2378.82	2138.66	1899.08	1764.84	1616.09	1491.83
270.0	3842.21	3390.91	3000.90	2861.61	2861.61	2147.60	1945.92	1798.27	1641.16
315.0	3041.27	2701.98	2412.83	2162.11	1946.44	1769.31	1610.52	1476.22	1373.14
360.0	2472.43	2218.35	2000.53	1815.51	1656.72	1521.37	1402.68	1302.92	1110.12
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1110.12	1017.40	876.11	780.19	666.44	556.48	453.67	357.79	269.23
45.0	1186.49	1080.05	963.63	893.98	728.52	616.51	551.33	443.26	345.76
90.0	1070.33	976.40	854.93	738.24	622.39	512.33	407.78	310.80	224.86
135.0	1301.29	1204.31	1090.09	968.62	848.83	729.62	615.98	506.76	404.78
180.0	1461.18	1357.01	1270.07	1171.46	1058.92	939.13	818.19	702.34	588.12
225.0	1383.18	1282.31	1074.01	1074.01	955.80	832.43	715.90	600.63	490.36
270.0	1510.75	1399.90	1300.71	1210.46	1111.28	999.84	882.84	764.73	649.94
315.0	1282.89	1053.62	1053.62	985.60	869.54	797.11	636.27	568.36	464.49
360.0	1110.12	1017.40	876.11	780.19	666.44	556.48	453.67	357.79	269.23
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	191.96	133.09	95.82	77.69	68.70	61.55	55.61	50.30	45.41
45.0	308.96	215.09	114.06	83.42	70.75	62.60	56.50	51.09	45.99
90.0	153.85	105.18	80.05	69.91	62.29	56.56	51.09	45.94	42.00
135.0	310.64	274.95	274.95	108.54	79.26	68.12	60.81	54.77	49.46
180.0	482.79	383.08	291.67	291.67	214.82	109.54	79.32	67.12	59.34
225.0	427.39	294.77	246.73	178.13	109.96	93.14	76.74	68.07	60.66
270.0	537.98	432.64	334.61	315.64	315.64	112.59	90.41	69.70	61.50
315.0	367.15	275.80	194.17	128.31	84.78	65.34	58.13	52.40	47.36
360.0	191.96	133.09	95.82	77.69	68.70	61.55	55.61	50.30	45.41

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	41.68	38.37	35.43	33.11	32.06	30.64	28.91	28.28	27.39
45.0	43.36	38.84	35.95	34.38	31.54	30.80	29.59	28.23	27.28
90.0	39.05	35.90	34.11	31.33	30.17	29.12	27.33	26.96	26.33
135.0	44.63	40.89	37.95	35.11	32.64	31.01	29.75	29.07	27.33
180.0	52.77	47.46	42.84	39.16	36.16	33.32	31.22	29.91	28.49
225.0	54.45	49.04	44.42	40.74	37.63	34.85	32.48	31.01	29.75
270.0	54.88	49.41	44.73	40.42	37.16	34.43	31.96	29.96	28.65
315.0	42.94	39.05	36.06	33.32	30.85	29.38	28.02	26.96	26.18
360.0	41.68	38.37	35.43	33.11	32.06	30.64	28.91	28.28	27.39
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	26.49	25.18	23.81	22.86	21.39	19.50	17.82	16.61	15.09
45.0	26.49	25.28	24.02	22.86	21.87	20.39	18.61	17.14	15.93
90.0	25.39	24.02	22.86	21.92	20.13	18.24	16.87	15.51	14.03
135.0	26.81	26.12	24.44	23.76	22.86	21.81	20.03	18.13	16.93
180.0	27.39	26.49	25.97	25.07	23.76	22.55	21.55	20.50	18.92
225.0	28.54	27.70	26.54	25.49	24.18	23.23	22.13	20.39	18.66
270.0	27.60	26.54	25.70	25.18	24.44	23.50	22.39	21.76	20.29
315.0	25.34	25.12	24.60	23.55	22.65	21.71	20.45	18.66	17.08
360.0	26.49	25.18	23.81	22.86	21.39	19.50	17.82	16.61	15.09
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	13.46	12.14	11.25	10.20	8.94	8.04	7.25	6.89	5.83
45.0	14.45	12.72	11.62	11.20	9.72	8.52	7.88	7.15	6.52
90.0	12.30	11.46	10.46	9.46	8.30	7.83	6.94	6.25	5.78
135.0	15.66	13.98	12.35	11.41	10.46	9.41	8.25	7.46	6.83
180.0	17.50	16.29	14.77	13.09	11.77	10.99	9.93	8.73	7.78
225.0	17.35	16.03	14.30	12.67	11.77	10.78	9.57	8.41	7.73
270.0	18.76	16.98	15.61	14.51	12.88	11.51	10.62	9.67	8.57
315.0	15.98	14.45	12.67	11.46	10.78	9.78	8.36	7.41	6.83
360.0	13.46	12.14	11.25	10.20	8.94	8.04	7.25	6.89	5.83
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	5.15	4.94	4.52	4.10	3.78	3.42	3.10	2.79	2.52
45.0	5.83	5.26	4.84	4.36	3.99	3.73	3.42	3.05	2.73
90.0	5.05	4.78	4.36	4.05	3.73	3.36	3.00	2.73	2.42
135.0	6.10	5.68	4.94	4.57	4.36	3.99	3.68	3.31	3.00
180.0	7.15	6.57	5.83	5.15	4.78	4.47	4.05	3.73	3.42
225.0	7.10	6.25	5.57	5.10	4.73	4.31	3.89	3.63	3.26
270.0	7.62	6.99	6.41	5.68	5.05	4.63	4.26	3.89	3.57
315.0	6.20	5.41	5.05	4.47	4.05	3.84	3.42	3.10	2.84
360.0	5.15	4.94	4.52	4.10	3.78	3.42	3.10	2.79	2.52
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	2.26	2.00	1.79	1.58	1.37	1.21	1.05	0.84	0.89
45.0	2.47	2.26	1.94	1.68	1.47	1.26	1.05	0.84	0.79
90.0	2.16	1.89	1.68	1.47	1.31	1.10	0.89	0.84	0.84
135.0	2.68	2.31	2.00	1.84	1.68	1.37	1.21	1.00	0.68
180.0	3.05	2.79	2.47	2.21	1.94	1.79	1.47	1.31	1.10
225.0	3.00	2.68	2.37	2.21	1.94	1.68	1.42	1.26	1.10
270.0	3.21	2.94	2.63	2.31	2.05	1.89	1.52	1.37	1.26
315.0	2.63	2.16	2.05	1.79	1.58	1.42	1.26	1.16	0.89
360.0	2.26	2.00	1.79	1.58	1.37	1.21	1.05	0.84	0.89

Intensity data(cd)

Appendix Page: 20 Total:20

C/ $\gamma(^{\circ})$	90.0
0.0	0.79
45.0	0.79
90.0	0.79
135.0	0.84
180.0	0.89
225.0	0.95
270.0	1.00
315.0	0.79
360.0	0.79