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NT

Client:

LumCAT: 2-2678-L

Luminaire: 92.70.412.00

Report No: 2024326-B005

Ballast type: AC

Test No: 2024326-C005

Voltage(V): 34.410

LampCAT: Fortimo_SLM_C_1210

Current(A): 0.720

Lamp flux(lm): 4230.0

Power (W): 24.775

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 3572.18, Efficiency(%): 84.45% , Luminous Efficacy(lm/W): 144.18

Central intensity(cd): 14733.630, Maximum intensity(cd): 14733.630

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=21.2

[C90/270]Total=21.2

Field angle(10%Imax): [C0/180]Total=54.2

[C90/270]Total=54.2

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(%): 84.45%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.110%

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	14733.625	0.000	0	0.00%	0.00%
1.0	14652.425	14.061	14.061	0.33%	0.39%
2.0	14444.670	41.763	55.824	0.99%	1.56%
3.0	14093.535	68.254	124.078	1.61%	3.47%
4.0	13509.773	92.397	216.475	2.18%	6.06%
5.0	12397.875	111.453	327.928	2.63%	9.18%
6.0	12043.813	128.448	456.376	3.04%	12.78%
7.0	11101.821	143.665	600.04	3.40%	16.80%
8.0	10059.535	151.448	751.488	3.58%	21.04%
9.0	9009.129	154.541	906.029	3.65%	25.36%
10.0	7968.307	153.640	1059.669	3.63%	29.66%
11.0	7027.923	149.843	1209.512	3.54%	33.86%
12.0	6136.552	143.907	1353.418	3.40%	37.89%
13.0	5428.357	137.246	1490.665	3.24%	41.73%
14.0	4774.295	130.593	1621.258	3.09%	45.39%
15.0	4266.978	124.123	1745.38	2.93%	48.86%
16.0	3810.722	118.361	1863.741	2.80%	52.17%
17.0	3425.863	112.693	1976.434	2.66%	55.33%
18.0	3107.940	107.728	2084.163	2.55%	58.34%
19.0	2864.632	103.911	2188.073	2.46%	61.25%
20.0	2736.541	102.517	2290.59	2.42%	64.12%
21.0	2432.246	99.251	2389.841	2.35%	66.90%
22.0	2192.458	92.935	2482.777	2.20%	69.50%
23.0	2041.543	88.841	2571.618	2.10%	71.99%
24.0	1884.483	85.837	2657.455	2.03%	74.39%
25.0	1753.027	82.709	2740.164	1.96%	76.71%
26.0	1626.252	79.768	2819.932	1.89%	78.94%
27.0	1488.578	76.205	2896.137	1.80%	81.07%
28.0	1294.210	70.454	2966.591	1.67%	83.05%
29.0	1226.398	65.946	3032.537	1.56%	84.89%
30.0	1110.640	63.100	3095.637	1.49%	86.66%
31.0	973.317	57.993	3153.631	1.37%	88.28%
32.0	844.480	52.078	3205.708	1.23%	89.74%
33.0	713.214	45.890	3251.599	1.08%	91.03%
34.0	598.568	39.698	3291.297	0.94%	92.14%
35.0	487.624	33.733	3325.03	0.80%	93.08%
36.0	393.066	28.041	3353.071	0.66%	93.87%
37.0	309.752	22.922	3375.993	0.54%	94.51%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	256.036	18.885	3394.879	0.45%	95.04%
39.0	219.489	16.231	3411.11	0.38%	95.49%
40.0	135.699	12.388	3423.497	0.29%	95.84%
41.0	104.580	8.556	3432.053	0.20%	96.08%
42.0	84.280	6.862	3438.915	0.16%	96.27%
43.0	69.078	5.681	3444.596	0.13%	96.43%
44.0	58.947	4.832	3449.428	0.11%	96.56%
45.0	52.473	4.282	3453.71	0.10%	96.68%
46.0	47.784	3.921	3457.631	0.09%	96.79%
47.0	44.199	3.658	3461.289	0.09%	96.90%
48.0	41.785	3.476	3464.765	0.08%	96.99%
49.0	39.993	3.358	3468.123	0.08%	97.09%
50.0	38.603	3.277	3471.4	0.08%	97.18%
51.0	37.637	3.226	3474.626	0.08%	97.27%
52.0	37.089	3.207	3477.832	0.08%	97.36%
53.0	36.825	3.215	3481.048	0.08%	97.45%
54.0	36.759	3.243	3484.291	0.08%	97.54%
55.0	36.898	3.288	3487.579	0.08%	97.63%
56.0	37.052	3.342	3490.921	0.08%	97.73%
57.0	37.235	3.397	3494.317	0.08%	97.82%
58.0	37.176	3.441	3497.758	0.08%	97.92%
59.0	36.840	3.460	3501.218	0.08%	98.01%
60.0	36.072	3.445	3504.663	0.08%	98.11%
61.0	35.062	3.395	3508.058	0.08%	98.20%
62.0	33.672	3.312	3511.37	0.08%	98.30%
63.0	31.931	3.191	3514.56	0.08%	98.39%
64.0	29.817	3.030	3517.59	0.07%	98.47%
65.0	27.842	2.854	3520.444	0.07%	98.55%
66.0	26.006	2.687	3523.131	0.06%	98.63%
67.0	24.499	2.540	3525.67	0.06%	98.70%
68.0	23.489	2.431	3528.101	0.06%	98.77%
69.0	22.904	2.367	3530.468	0.06%	98.83%
70.0	22.692	2.342	3532.81	0.06%	98.90%
71.0	22.356	2.328	3535.138	0.06%	98.96%
72.0	21.990	2.306	3537.444	0.05%	99.03%
73.0	21.580	2.278	3539.722	0.05%	99.09%
74.0	21.192	2.249	3541.971	0.05%	99.15%
75.0	20.812	2.219	3544.19	0.05%	99.22%

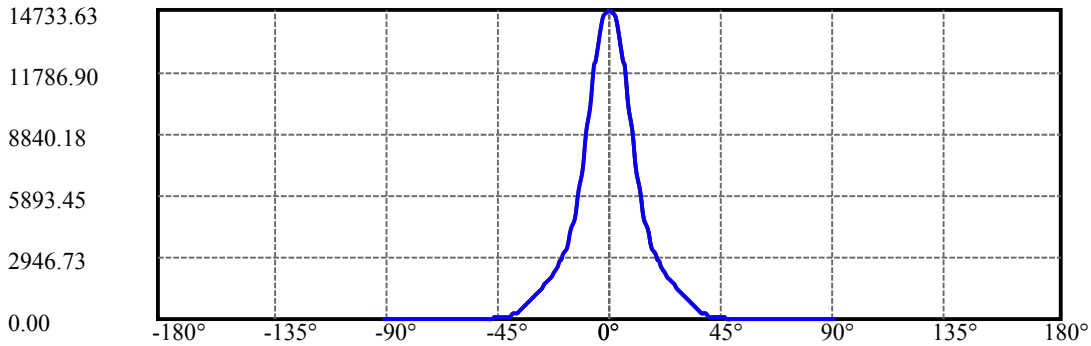
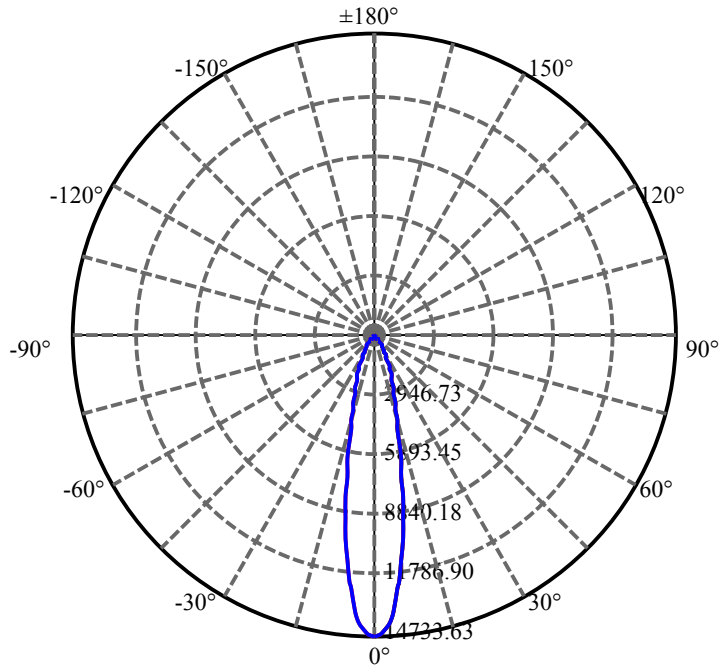
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	20.395	2.187	3546.378	0.05%	99.28%
77.0	19.890	2.148	3548.525	0.05%	99.34%
78.0	19.378	2.102	3550.627	0.05%	99.40%
79.0	18.859	2.054	3552.682	0.05%	99.45%
80.0	18.215	1.999	3554.681	0.05%	99.51%
81.0	17.696	1.942	3556.623	0.05%	99.56%
82.0	17.147	1.889	3558.512	0.04%	99.62%
83.0	16.694	1.840	3560.352	0.04%	99.67%
84.0	16.269	1.796	3562.148	0.04%	99.72%
85.0	15.896	1.756	3563.903	0.04%	99.77%
86.0	15.472	1.715	3565.618	0.04%	99.82%
87.0	15.165	1.677	3567.294	0.04%	99.86%
88.0	14.938	1.649	3568.943	0.04%	99.91%
89.0	14.718	1.626	3570.569	0.04%	99.95%
90.0	14.660	1.611	3572.18	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	3095.64	73.18%	86.66%
0-40	3423.50	80.93%	95.84%
0-60	3504.66	82.85%	98.11%
0-90	3570.57	84.41%	99.95%
0-120	3570.57	84.41%	99.95%
0-180	3572.18	84.45%	100.00%
60-90	65.91	1.56%	1.84%
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%
0-26.50	2857.74	67.56%	80.00%

ZONAL LUMEN SUMMARY

0-10	1059.67
10-20	1230.92
20-30	805.05
30-40	327.86
40-50	47.90
50-60	33.26
60-70	28.15
70-80	21.87
80-90	15.89
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: —————

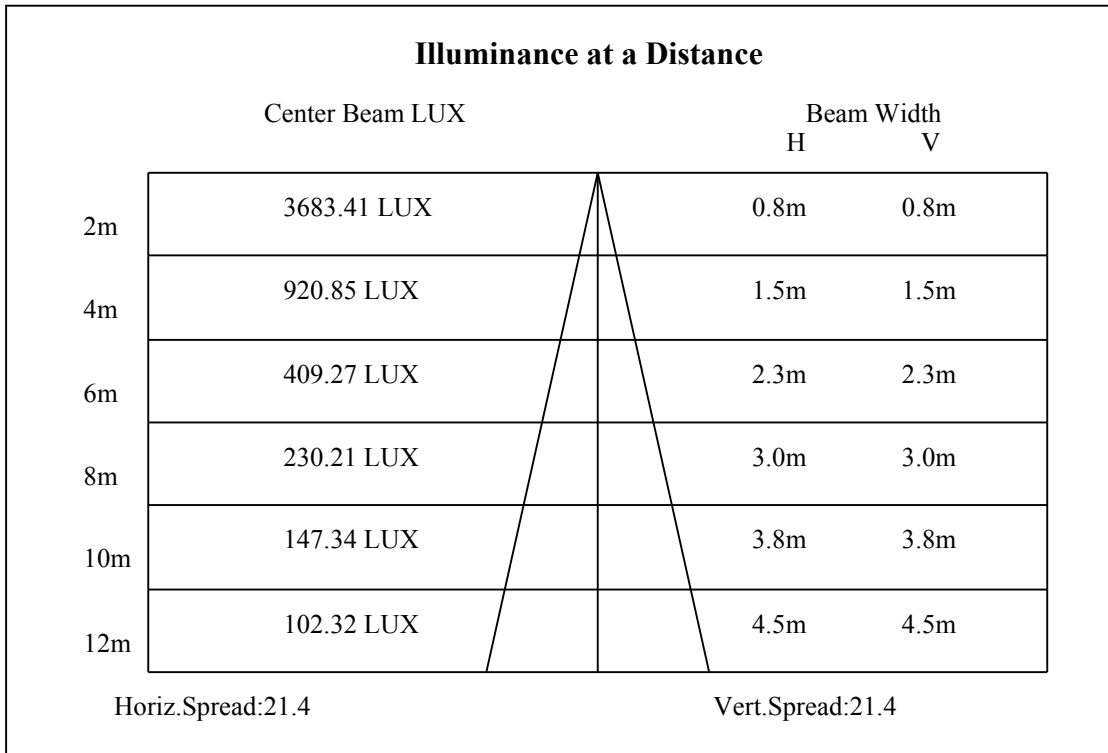
C90/C270: —————

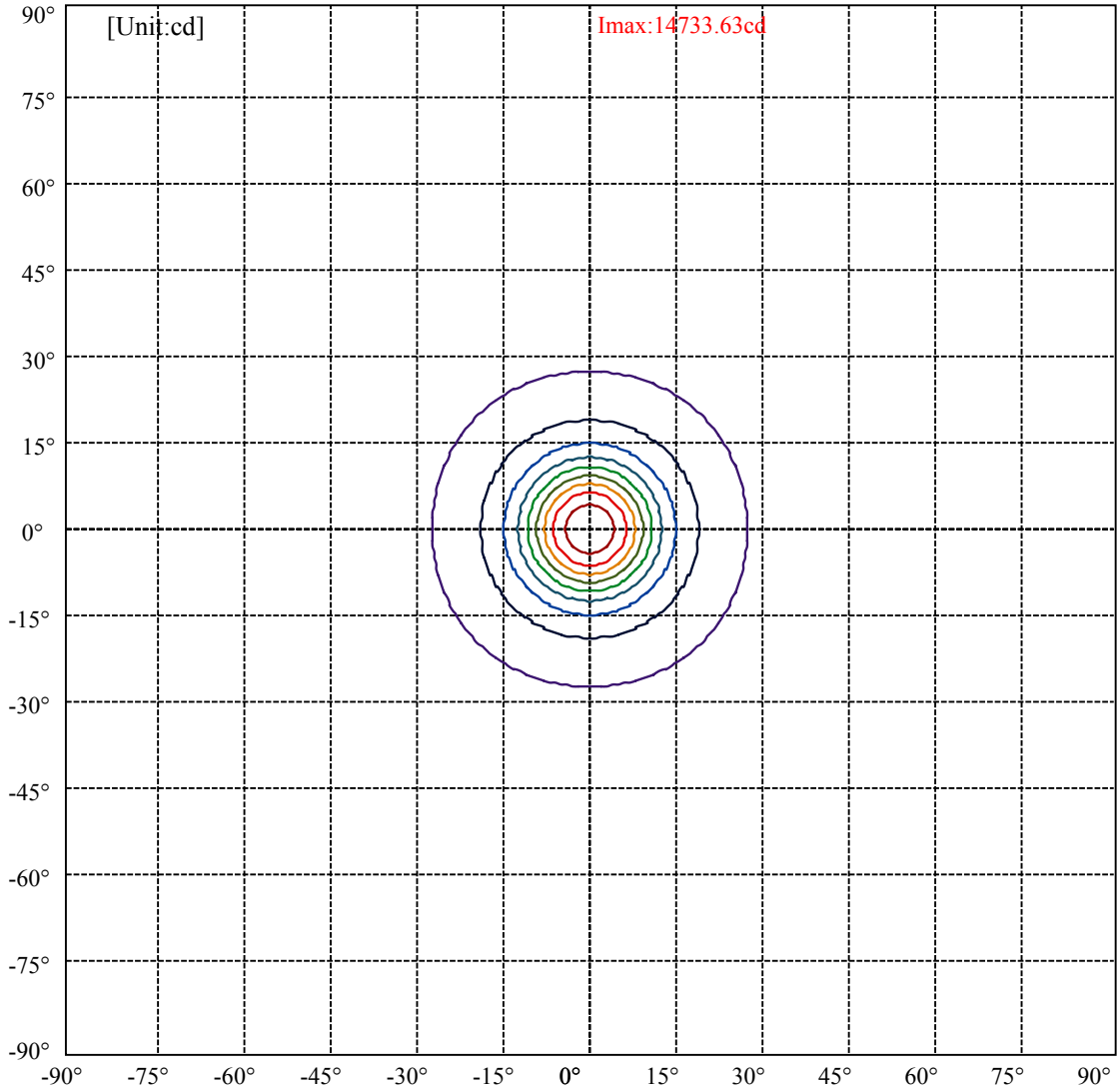
Field angle(10%Imax):C0/180Left:27.1 Right:27.1

:C90/270Left:27.1 Right:27.1

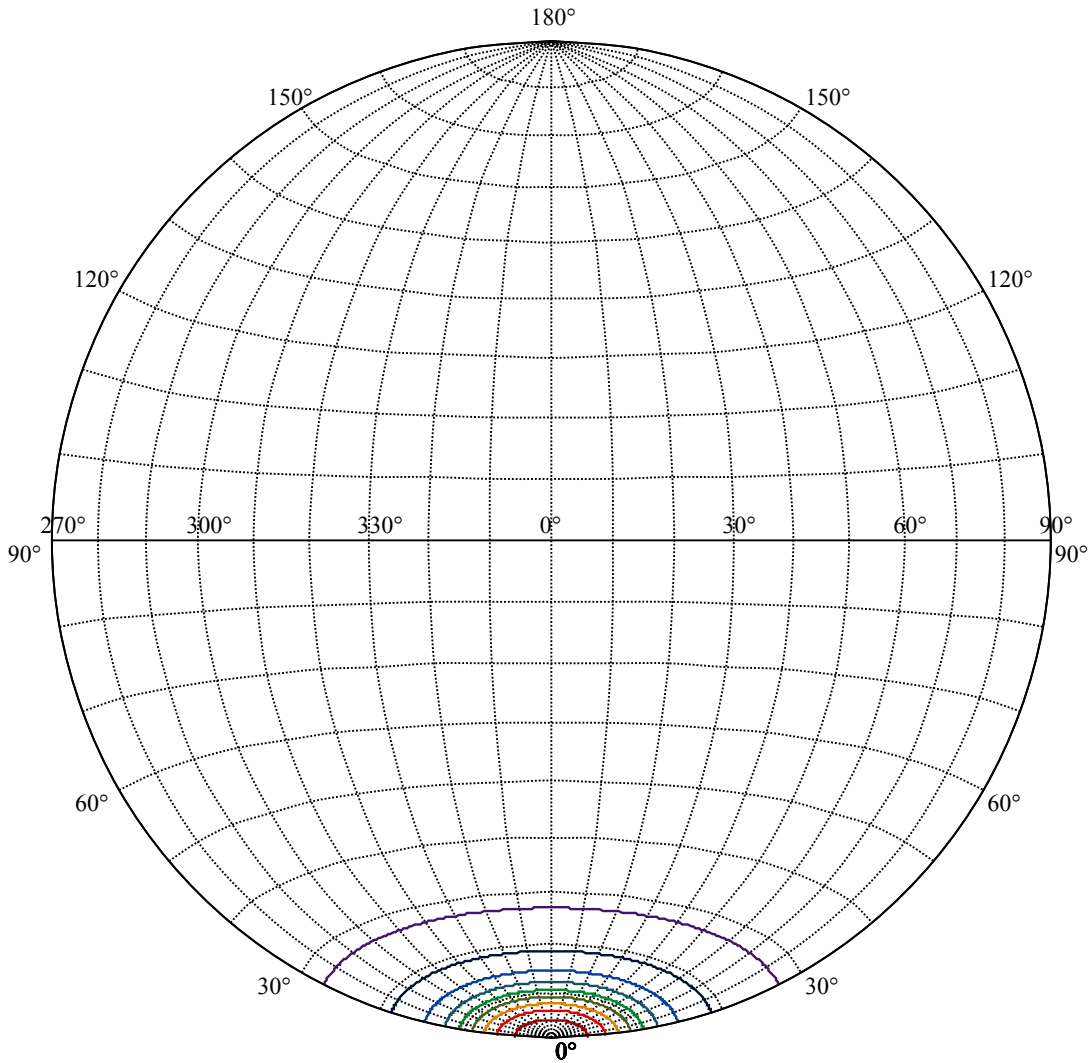
Beam Angle(50%Imax):C0/180Left:10.6 Right:10.6

:C90/270Left:10.6 Right:10.6





(10%Imax) 1473.36	—
(20%Imax) 2946.73	—
(30%Imax) 4420.09	—
(40%Imax) 5893.45	—
(50%Imax) 7366.81	—
(60%Imax) 8840.17	—
(70%Imax) 10313.5	—
(80%Imax) 11786.9	—
(90%Imax) 13260.3	—



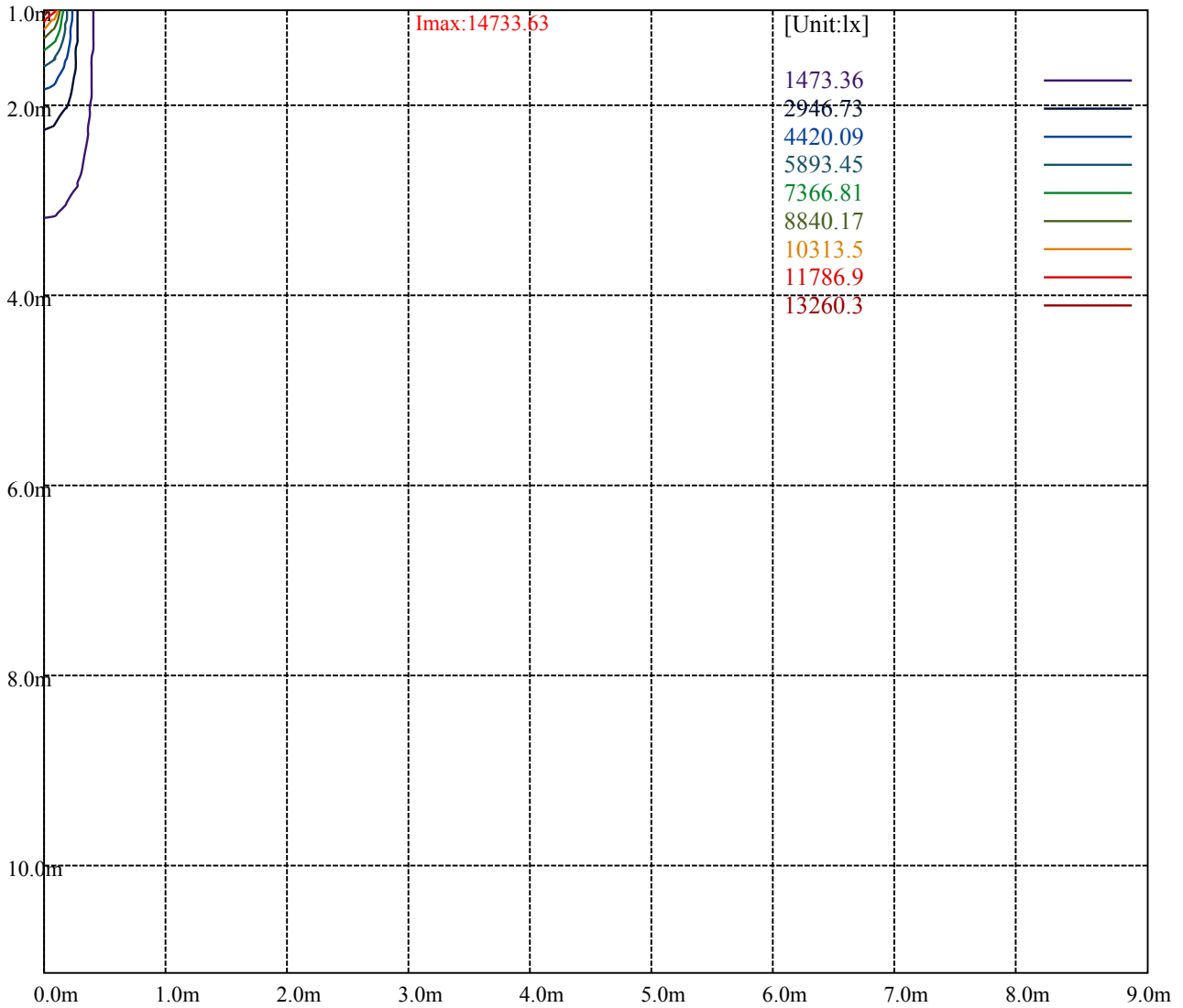
House

[Unit:cd]

Road

Imax:14733.63

(10%Imax) 1473.36	—
(20%Imax) 2946.73	—
(30%Imax) 4420.09	—
(40%Imax) 5893.45	—
(50%Imax) 7366.81	—
(60%Imax) 8840.17	—
(70%Imax) 10313.5	—
(80%Imax) 11786.9	—
(90%Imax) 13260.3	—



Luminance Table

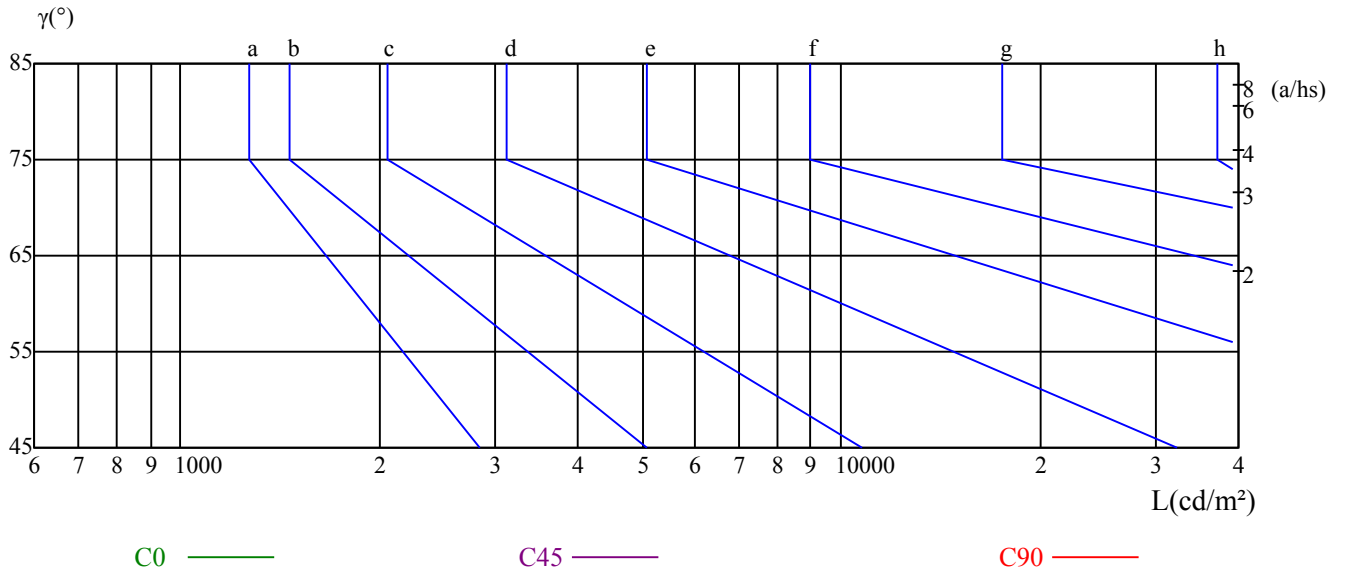
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

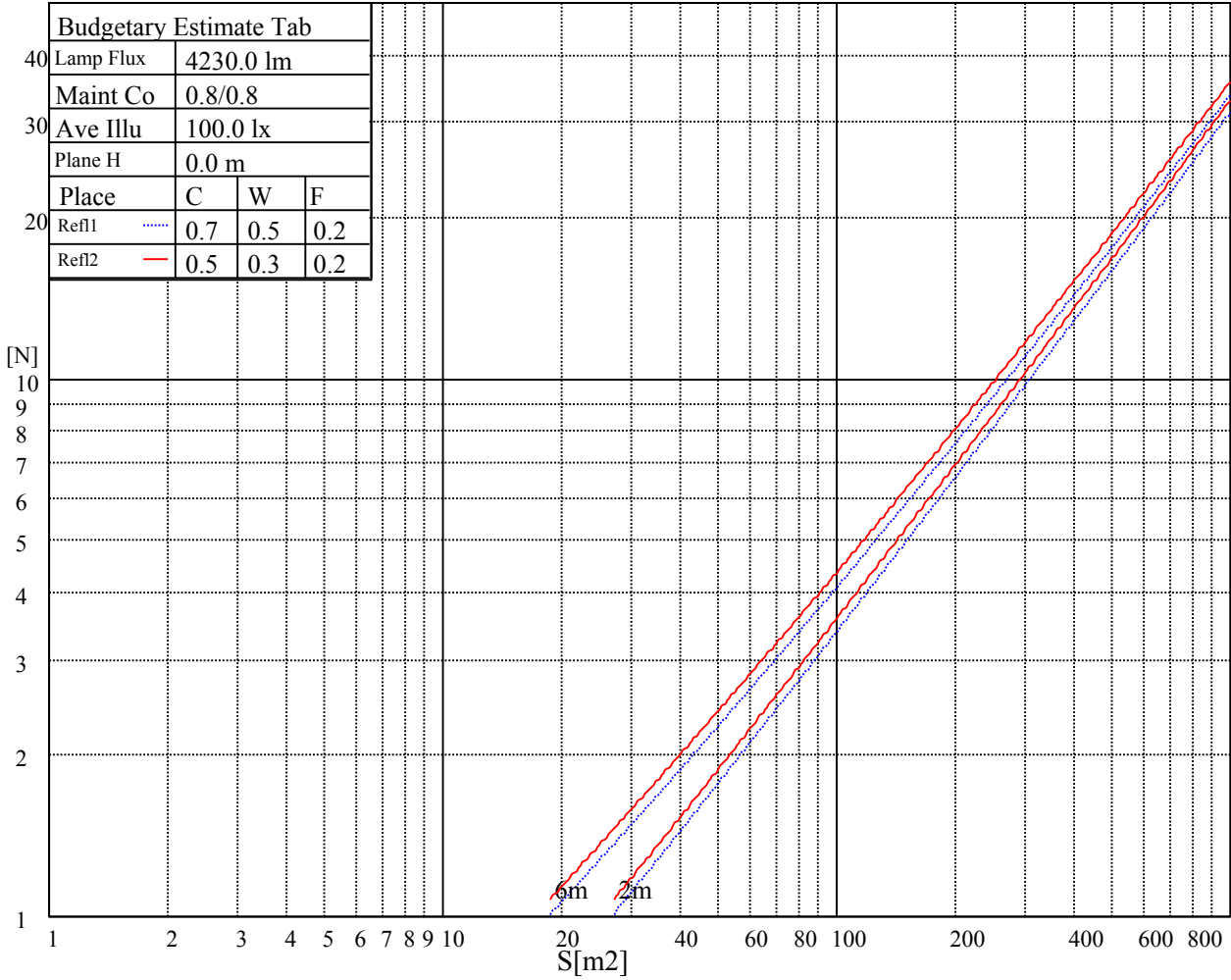
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

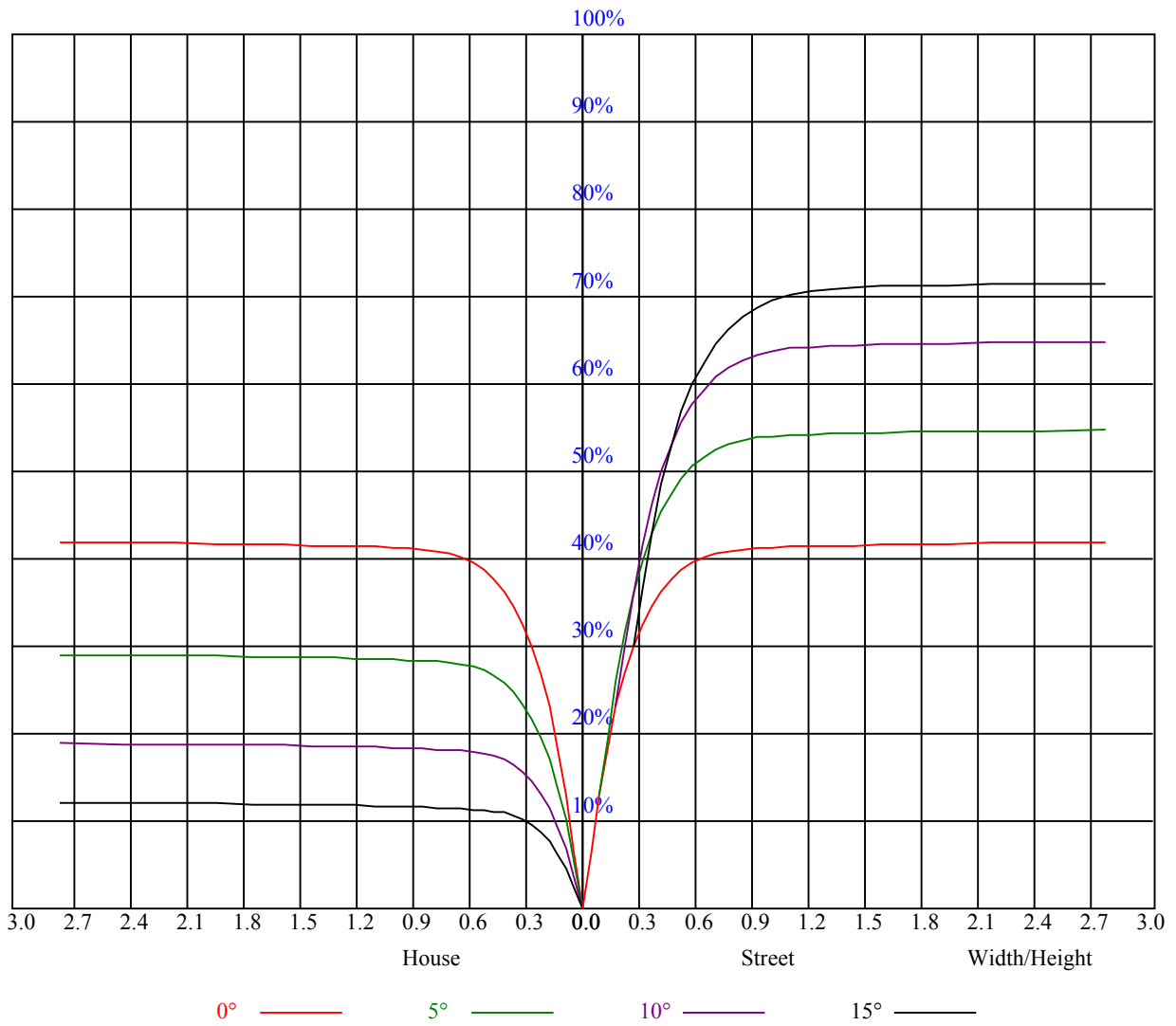


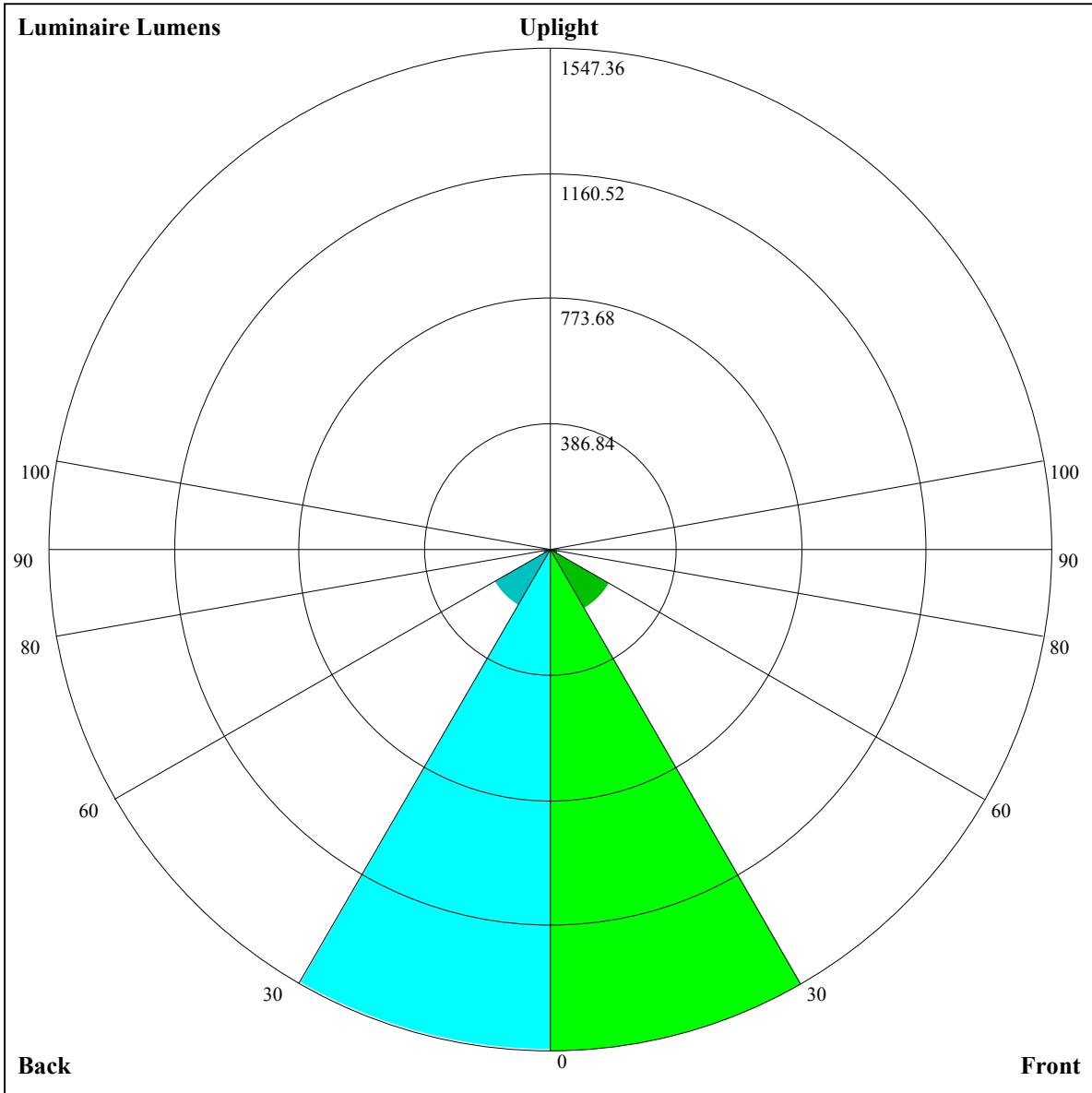
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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	1.01	1.01	1.01	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	0.93	0.91	0.93	0.91	0.89	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.82	0.80
2	0.89	0.86	0.84	0.88	0.85	0.83	0.85	0.83	0.81	0.83	0.81	0.79	0.80	0.79	0.78	0.76
3	0.85	0.81	0.78	0.83	0.80	0.78	0.81	0.79	0.76	0.79	0.77	0.75	0.77	0.76	0.74	0.73
4	0.81	0.77	0.74	0.80	0.76	0.73	0.78	0.75	0.72	0.76	0.74	0.72	0.75	0.73	0.71	0.70
5	0.77	0.73	0.70	0.76	0.72	0.70	0.75	0.72	0.69	0.73	0.71	0.69	0.72	0.70	0.68	0.67
6	0.74	0.70	0.67	0.73	0.69	0.67	0.72	0.69	0.66	0.71	0.68	0.66	0.70	0.67	0.65	0.64
7	0.71	0.67	0.64	0.70	0.66	0.64	0.69	0.66	0.63	0.68	0.65	0.63	0.68	0.65	0.63	0.62
8	0.68	0.64	0.61	0.68	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.61	0.65	0.63	0.61	0.60
9	0.66	0.62	0.59	0.65	0.62	0.59	0.65	0.61	0.59	0.64	0.61	0.59	0.63	0.61	0.58	0.58
10	0.63	0.60	0.57	0.63	0.59	0.57	0.63	0.59	0.57	0.62	0.59	0.57	0.61	0.59	0.57	0.56





Luminaire Lumens:

FL=1547.36,FM=208.36,FH=25.16,FVH=8.8

BL=1546.97,BM=201.29,BH=24.77,BVH=8.75

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	14757.03	14616.58	14376.64	13896.75	13370.05	11478.08	11478.08	10772.30	9775.07
45.0	14727.77	14745.33	14622.43	14318.11	13914.31	13375.90	12714.60	11702.16	10771.65
90.0	14739.48	14569.76	14306.41	13896.75	13346.64	11630.82	11630.82	10672.22	9666.22
135.0	14710.22	14710.22	14569.76	14312.26	13902.61	13171.07	12439.54	11608.52	10666.31
180.0	14757.03	14721.92	14563.91	14283.00	13744.59	13135.96	12392.72	11544.15	10321.03
225.0	14727.77	14552.20	14271.30	13861.64	12667.78	11521.97	11521.97	10303.53	9270.61
270.0	14739.48	14727.77	14599.02	14353.23	13861.64	13305.68	12609.26	11590.97	10654.61
315.0	14710.22	14575.61	14247.89	13826.53	13270.56	11563.52	11563.52	10620.72	9350.78
360.0	14757.03	14616.58	14376.64	13896.75	13370.05	11478.08	11478.08	10772.30	9775.07
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	8810.62	7662.99	6793.35	6020.27	5349.02	4640.31	4176.81	3776.52	3356.32
45.0	9782.62	8828.70	7687.52	6833.09	5896.73	5247.13	4679.46	4094.23	3707.99
90.0	8446.61	7528.39	6468.55	5737.02	5109.66	4445.43	4009.43	3630.79	3304.24
135.0	9408.08	8424.90	7494.39	6458.54	5732.86	5100.82	4433.66	3988.89	3526.57
180.0	9308.59	8302.00	7365.64	6318.09	5598.26	4843.32	4340.03	3912.81	3456.34
225.0	8258.75	7108.79	6301.18	5593.05	4973.89	4331.89	3904.68	3531.89	3210.60
270.0	9683.13	8430.75	7488.54	6435.13	5697.75	5059.86	4521.45	3959.63	3579.24
315.0	8374.63	7459.92	6624.22	5697.22	5068.69	4525.60	4070.30	3591.00	3265.61
360.0	8810.62	7662.99	6793.35	6020.27	5349.02	4640.31	4176.81	3776.52	3356.32
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	3076.59	2830.79	2562.17	2374.32	2164.22	2016.16	1882.14	1758.66	1642.20
45.0	3374.41	3087.65	2958.90	2958.90	2381.34	2212.21	2026.11	1891.51	1767.44
90.0	2960.13	2719.01	2506.58	2317.55	2110.38	1962.90	1828.30	1676.73	1562.02
135.0	3216.40	3011.57	3011.57	2496.63	2259.03	2095.16	1946.52	1813.67	1656.25
180.0	3140.32	2994.01	2994.01	2380.75	2202.26	2048.93	1866.93	1746.96	1618.79
225.0	2865.32	2628.30	2421.13	2199.92	2046.59	1909.06	1753.98	1636.35	1522.23
270.0	3245.66	2958.90	2958.90	2474.39	2275.41	2126.18	1937.15	1811.33	1664.44
315.0	2984.71	2686.83	2479.07	2255.52	2100.43	1961.73	1834.74	1689.02	1576.65
360.0	3076.59	2830.79	2562.17	2374.32	2164.22	2016.16	1882.14	1758.66	1642.20
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1496.48	1159.04	1159.04	1127.49	968.20	843.13	721.58	607.99	483.40
45.0	1648.64	1502.33	1383.53	1231.37	1106.72	979.73	822.88	703.50	592.31
90.0	1415.72	1140.66	1140.66	1015.78	889.95	766.24	648.78	541.27	424.00
135.0	1535.69	1417.47	1299.26	1149.44	1025.37	872.04	753.24	640.88	516.81
180.0	1507.60	1394.65	1239.57	1115.50	956.90	832.83	714.03	579.43	484.04
225.0	1295.75	1137.44	1137.44	1011.50	855.48	733.70	620.40	516.87	401.64
270.0	1542.13	1436.20	1285.80	1162.90	1038.83	908.91	755.00	636.78	532.61
315.0	1466.63	1165.89	1165.89	1071.14	945.08	819.26	669.79	561.82	466.19
360.0	1496.48	1159.04	1159.04	1127.49	968.20	843.13	721.58	607.99	483.40
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	395.03	298.93	234.56	181.77	133.78	106.45	86.67	69.29	59.87
45.0	467.65	376.94	297.94	297.94	165.33	129.69	103.76	84.62	67.77
90.0	341.42	270.61	212.03	154.67	122.02	98.08	77.07	65.43	55.71
135.0	426.10	343.00	305.55	305.55	150.34	118.33	94.81	74.50	63.61
180.0	397.43	302.03	302.03	223.44	139.23	102.00	82.22	68.35	58.99
225.0	320.59	251.30	182.18	140.10	102.36	82.22	68.47	59.11	51.50
270.0	439.56	355.29	297.94	297.94	154.21	111.90	89.13	70.11	60.16
315.0	356.75	279.91	216.07	154.50	118.33	87.96	72.10	61.21	53.96
360.0	395.03	298.93	234.56	181.77	133.78	106.45	86.67	69.29	59.87

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	53.43	48.87	44.83	42.55	40.91	39.39	38.57	37.92	37.69
45.0	58.87	52.79	47.58	44.71	42.60	40.61	39.56	38.80	38.33
90.0	50.45	46.58	43.19	41.32	39.91	38.86	38.04	37.86	37.63
135.0	56.24	49.69	45.88	43.13	40.44	38.80	37.45	36.69	36.46
180.0	51.27	47.05	43.89	40.97	39.27	37.86	36.81	36.17	36.05
225.0	47.23	44.13	41.73	39.50	38.10	37.16	36.46	36.11	35.87
270.0	53.43	48.75	44.54	42.14	40.15	38.86	37.57	36.93	36.58
315.0	48.87	44.42	41.96	39.97	38.57	37.28	36.64	36.23	35.99
360.0	53.43	48.87	44.83	42.55	40.91	39.39	38.57	37.92	37.69
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	37.63	37.69	37.81	37.86	37.75	37.28	36.17	35.23	33.65
45.0	38.10	38.10	38.16	38.33	38.27	38.10	37.69	36.52	35.46
90.0	37.75	37.92	38.10	38.16	37.86	37.28	36.11	34.82	33.18
135.0	36.17	36.34	36.40	36.69	36.81	36.64	36.05	35.17	34.12
180.0	35.87	36.11	36.28	36.69	36.69	36.58	36.05	35.23	33.77
225.0	36.11	36.28	36.58	36.69	36.64	36.11	35.11	33.94	32.48
270.0	36.34	36.58	36.64	36.93	36.99	36.81	36.28	35.46	34.47
315.0	36.11	36.17	36.46	36.52	36.40	35.93	35.11	34.12	32.25
360.0	37.63	37.69	37.81	37.86	37.75	37.28	36.17	35.23	33.65
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	32.07	29.61	27.74	25.98	24.35	23.35	22.41	21.83	21.30
45.0	33.88	31.72	29.85	27.56	25.98	25.34	25.52	26.69	27.74
90.0	31.08	29.03	27.21	25.57	24.40	23.17	22.53	22.12	21.77
135.0	32.30	30.55	28.21	26.34	24.76	23.35	22.53	21.89	21.36
180.0	32.30	30.08	28.09	26.28	24.52	23.53	22.94	23.64	23.47
225.0	30.72	28.27	26.45	24.99	23.88	23.00	22.94	22.30	21.24
270.0	32.54	30.78	28.62	26.80	24.76	23.70	22.77	21.95	21.42
315.0	30.55	28.50	26.57	24.52	23.35	22.47	21.59	21.13	20.54
360.0	32.07	29.61	27.74	25.98	24.35	23.35	22.41	21.83	21.30
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	20.89	20.42	20.19	19.84	19.49	19.02	18.67	18.32	17.85
45.0	27.68	27.10	26.16	25.28	24.46	23.35	22.41	21.59	20.48
90.0	21.59	21.48	21.24	20.95	20.54	19.96	19.49	18.90	18.20
135.0	20.78	20.37	19.96	19.61	19.20	18.90	18.61	18.26	17.91
180.0	23.23	22.94	22.77	22.71	22.36	21.71	20.66	19.55	18.20
225.0	20.60	20.07	19.72	19.37	19.08	18.79	18.43	18.14	17.79
270.0	21.01	20.48	20.07	19.72	19.31	18.96	18.61	18.38	17.91
315.0	20.13	19.78	19.43	19.02	18.73	18.43	18.14	17.73	17.38
360.0	20.89	20.42	20.19	19.84	19.49	19.02	18.67	18.32	17.85
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	17.38	16.91	16.56	16.21	15.92	15.57	15.16	14.92	14.69
45.0	19.49	18.20	17.15	16.62	16.15	15.80	15.39	15.10	14.86
90.0	17.73	17.32	16.91	16.27	15.92	15.39	15.10	14.92	14.69
135.0	17.62	17.15	16.74	16.33	15.98	15.63	15.27	15.10	14.86
180.0	17.44	17.03	16.62	16.33	15.98	15.45	15.16	14.92	14.69
225.0	17.26	16.74	16.44	16.04	15.45	15.16	14.98	14.75	14.57
270.0	17.62	17.21	16.85	16.39	16.09	15.51	15.22	14.98	14.69
315.0	17.03	16.62	16.27	15.98	15.68	15.27	15.04	14.81	14.69
360.0	17.38	16.91	16.56	16.21	15.92	15.57	15.16	14.92	14.69

Intensity data(cd)

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