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NT

Client:

LumCAT: 2-2686-L

Luminaire: 92.70.412.00

Report No: 2024320-B007

Ballast type: AC

Test No: 2024320-C007

Voltage(V): 35.160

LampCAT: Fortimo_SLM_C_1205

Current(A): 0.451

Lamp flux(lm): 2717.0

Power (W): 15.857

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2288.89, Efficiency(%): 84.24% , Luminous Efficacy(lm/W): 144.35

Central intensity(cd): 12215.690, Maximum intensity(cd): 12215.690

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=18.2

[C90/270]Total=18.2

Field angle(10%Imax): [C0/180]Total=45.6

[C90/270]Total=45.6

Maximum s/h(1/2): C0_180=0.31 C90_270=0.31

Maximum s/h(1/4): C0_180=0.33 C90_270=0.33

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 84.24%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 98.047%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/3/20
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	12215.694	0.000	0	0.00%	0.00%
1.0	11914.259	11.546	11.546	0.42%	0.50%
2.0	11829.548	34.079	45.625	1.25%	1.99%
3.0	11453.980	55.687	101.312	2.05%	4.43%
4.0	10882.361	74.767	176.079	2.75%	7.69%
5.0	10155.000	90.502	266.58	3.33%	11.65%
6.0	9241.610	101.934	368.514	3.75%	16.10%
7.0	8253.531	108.592	477.107	4.00%	20.84%
8.0	7217.755	110.725	587.832	4.08%	25.68%
9.0	6209.486	108.820	696.652	4.01%	30.44%
10.0	5285.489	104.025	800.677	3.83%	34.98%
11.0	4536.401	98.141	898.818	3.61%	39.27%
12.0	3857.613	91.759	990.577	3.38%	43.28%
13.0	3353.149	85.574	1076.15	3.15%	47.02%
14.0	2953.660	80.727	1156.877	2.97%	50.54%
15.0	2726.227	77.976	1234.853	2.87%	53.95%
16.0	2516.950	76.827	1311.68	2.83%	57.31%
17.0	2121.719	72.237	1383.917	2.66%	60.46%
18.0	1930.057	66.805	1450.722	2.46%	63.38%
19.0	1762.464	64.242	1514.964	2.36%	66.19%
20.0	1609.939	61.724	1576.688	2.27%	68.88%
21.0	1443.589	58.634	1635.322	2.16%	71.45%
22.0	1279.404	54.720	1690.042	2.01%	73.84%
23.0	1210.604	52.247	1742.289	1.92%	76.12%
24.0	1130.574	51.187	1793.476	1.88%	78.36%
25.0	1043.376	49.431	1842.907	1.82%	80.52%
26.0	950.581	47.068	1889.974	1.73%	82.57%
27.0	853.946	44.148	1934.122	1.62%	84.50%
28.0	756.198	40.765	1974.888	1.50%	86.28%
29.0	655.430	36.932	2011.82	1.36%	87.90%
30.0	556.447	32.720	2044.54	1.20%	89.32%
31.0	465.759	28.446	2072.987	1.05%	90.57%
32.0	376.161	24.120	2097.107	0.89%	91.62%
33.0	293.542	19.730	2116.837	0.73%	92.48%
34.0	243.966	16.267	2133.103	0.60%	93.19%
35.0	192.195	13.546	2146.649	0.50%	93.79%
36.0	129.525	10.244	2156.892	0.38%	94.23%
37.0	110.622	7.832	2164.724	0.29%	94.58%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	99.137	7.001	2171.726	0.26%	94.88%
39.0	88.157	6.393	2178.119	0.24%	95.16%
40.0	79.313	5.841	2183.96	0.21%	95.42%
41.0	71.032	5.354	2189.313	0.20%	95.65%
42.0	63.512	4.888	2194.201	0.18%	95.86%
43.0	57.008	4.464	2198.666	0.16%	96.06%
44.0	51.573	4.098	2202.764	0.15%	96.24%
45.0	46.767	3.779	2206.543	0.14%	96.40%
46.0	42.575	3.494	2210.037	0.13%	96.56%
47.0	39.269	3.255	2213.292	0.12%	96.70%
48.0	36.335	3.056	2216.349	0.11%	96.83%
49.0	33.621	2.873	2219.222	0.11%	96.96%
50.0	31.485	2.715	2221.936	0.10%	97.07%
51.0	29.590	2.584	2224.52	0.10%	97.19%
52.0	27.908	2.467	2226.987	0.09%	97.30%
53.0	26.481	2.366	2229.353	0.09%	97.40%
54.0	25.231	2.279	2231.633	0.08%	97.50%
55.0	24.236	2.208	2233.841	0.08%	97.59%
56.0	23.314	2.149	2235.989	0.08%	97.69%
57.0	22.575	2.098	2238.087	0.08%	97.78%
58.0	21.946	2.059	2240.146	0.08%	97.87%
59.0	21.448	2.029	2242.175	0.07%	97.96%
60.0	21.061	2.008	2244.183	0.07%	98.05%
61.0	20.710	1.993	2246.177	0.07%	98.13%
62.0	20.322	1.977	2248.154	0.07%	98.22%
63.0	19.912	1.957	2250.111	0.07%	98.31%
64.0	19.364	1.927	2252.038	0.07%	98.39%
65.0	18.720	1.885	2253.922	0.07%	98.47%
66.0	17.952	1.830	2255.752	0.07%	98.55%
67.0	17.169	1.766	2257.518	0.06%	98.63%
68.0	16.459	1.704	2259.222	0.06%	98.70%
69.0	15.947	1.653	2260.875	0.06%	98.78%
70.0	15.655	1.623	2262.498	0.06%	98.85%
71.0	15.443	1.607	2264.105	0.06%	98.92%
72.0	15.077	1.587	2265.692	0.06%	98.99%
73.0	14.711	1.558	2267.25	0.06%	99.05%
74.0	14.375	1.529	2268.779	0.06%	99.12%
75.0	14.075	1.503	2270.282	0.06%	99.19%

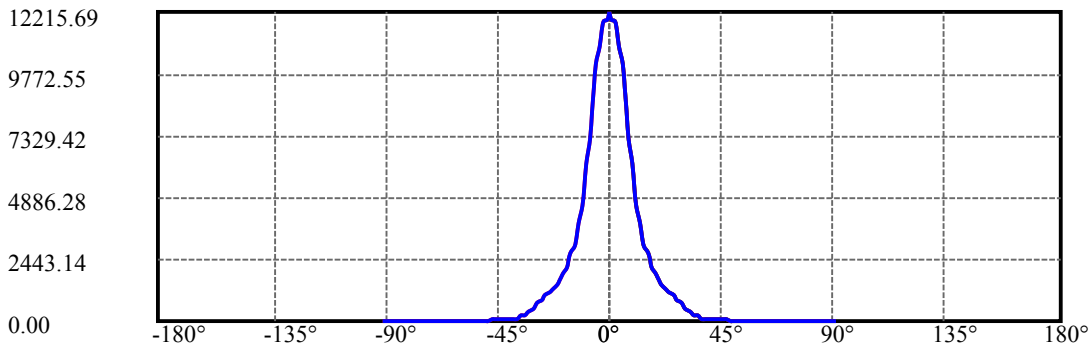
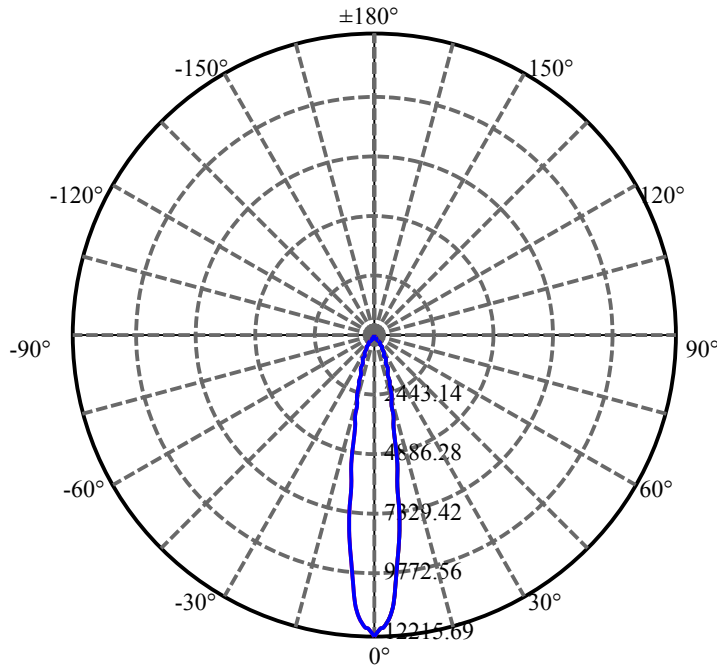
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	13.738	1.476	2271.758	0.05%	99.25%
77.0	13.343	1.444	2273.202	0.05%	99.31%
78.0	13.029	1.412	2274.614	0.05%	99.38%
79.0	12.604	1.377	2275.991	0.05%	99.44%
80.0	12.217	1.338	2277.329	0.05%	99.49%
81.0	11.792	1.298	2278.628	0.05%	99.55%
82.0	11.317	1.253	2279.881	0.05%	99.61%
83.0	10.973	1.212	2281.093	0.04%	99.66%
84.0	10.695	1.180	2282.273	0.04%	99.71%
85.0	10.439	1.153	2283.427	0.04%	99.76%
86.0	10.205	1.128	2284.555	0.04%	99.81%
87.0	9.978	1.105	2285.66	0.04%	99.86%
88.0	9.854	1.086	2286.746	0.04%	99.91%
89.0	9.759	1.075	2287.821	0.04%	99.95%
90.0	9.729	1.068	2288.889	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2044.54	75.25%	89.32%
0-40	2183.96	80.38%	95.42%
0-60	2244.18	82.60%	98.05%
0-90	2287.82	84.20%	99.95%
0-120	2287.82	84.20%	99.95%
0-180	2288.89	84.24%	100.00%
60-90	43.64	1.61%	1.91%
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%
0-24.76	1831.11	67.39%	80.00%

ZONAL LUMEN SUMMARY

0-10	800.68
10-20	776.01
20-30	467.85
30-40	139.42
40-50	37.98
50-60	22.25
60-70	18.31
70-80	14.83
80-90	10.49
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



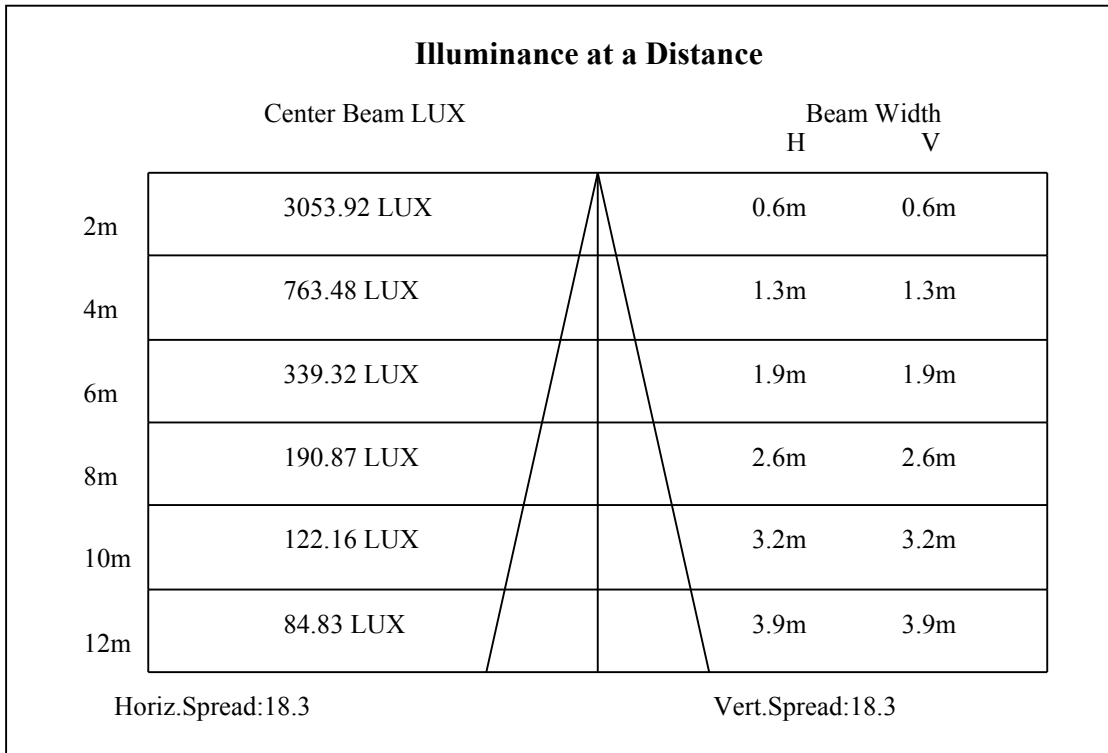
C0(Max): —————

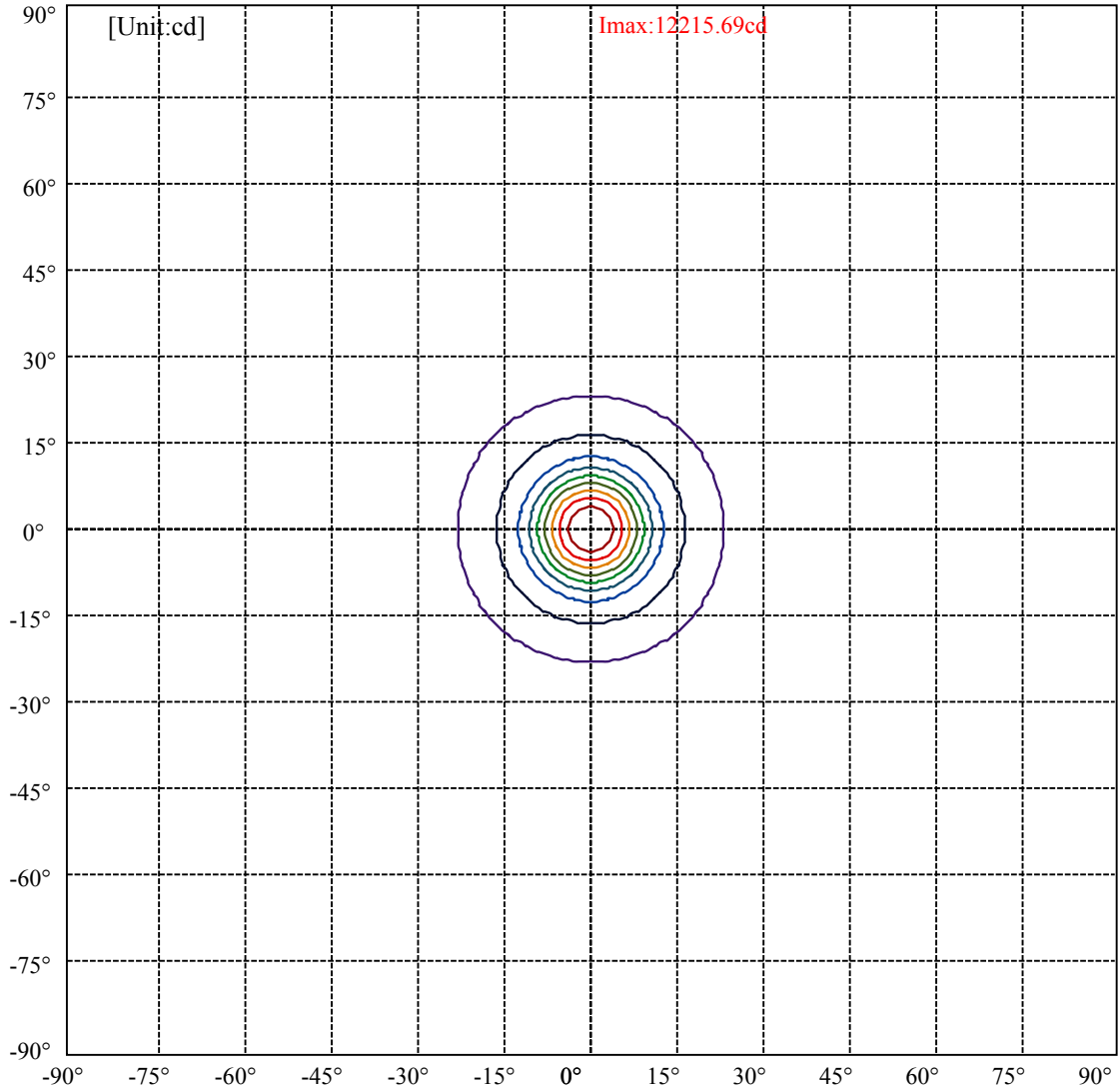
C0/C180: —————

C90/C270: —————

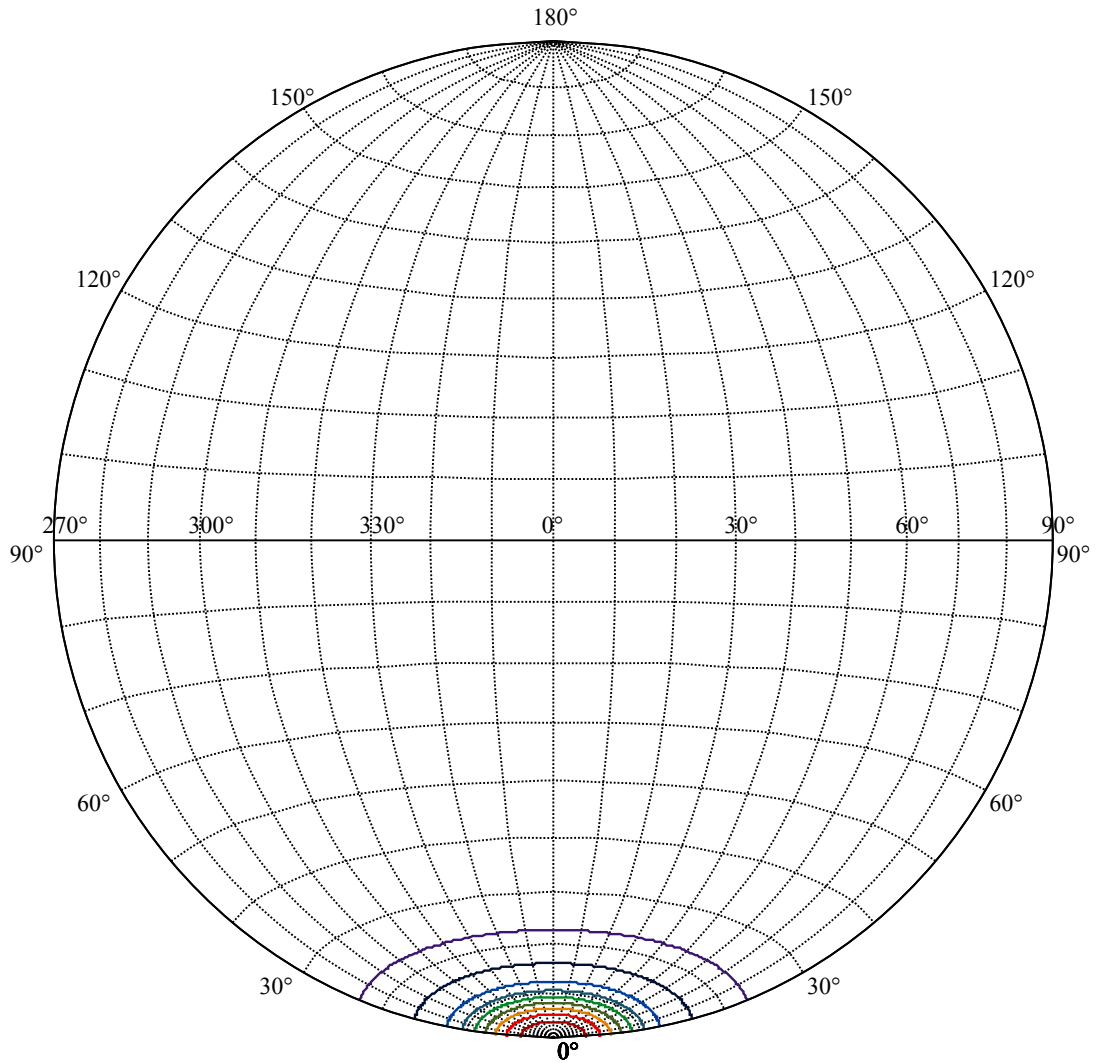
Field angle(10%Imax):C0/180Left:22.8 Right:22.8
:C90/270Left:22.8 Right:22.8

Beam Angle(50%Imax):C0/180Left:9.1 Right:9.1
:C90/270Left:9.1 Right:9.1





(10%Imax) 1221.57	—
(20%Imax) 2443.14	—
(30%Imax) 3664.71	—
(40%Imax) 4886.28	—
(50%Imax) 6107.85	—
(60%Imax) 7329.42	—
(70%Imax) 8550.99	—
(80%Imax) 9772.55	—
(90%Imax) 10994.1	—



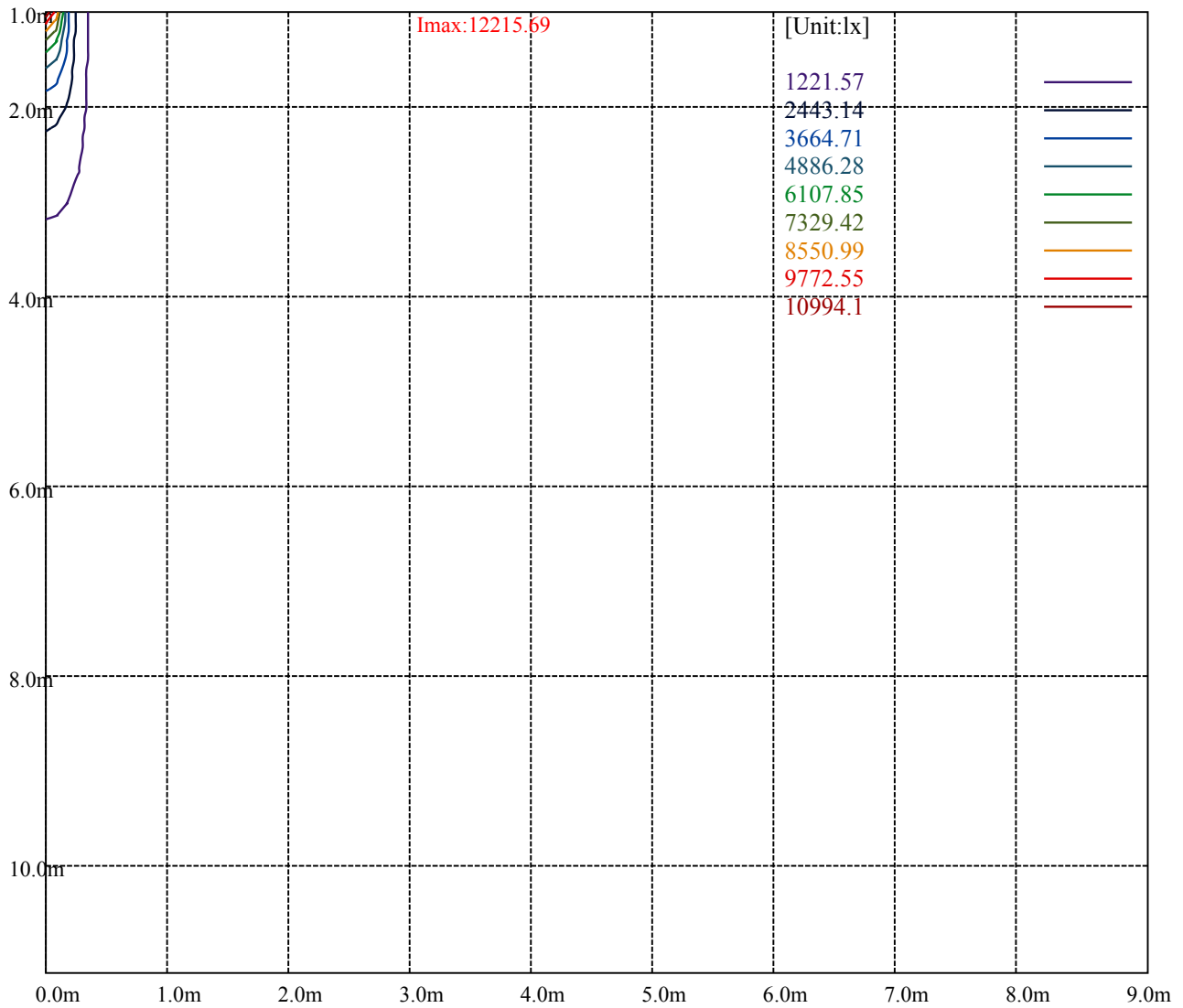
House

[Unit:cd]

Road

Imax:12215.69

(10%Imax)	1221.57	—
(20%Imax)	2443.14	—
(30%Imax)	3664.71	—
(40%Imax)	4886.28	—
(50%Imax)	6107.85	—
(60%Imax)	7329.42	—
(70%Imax)	8550.99	—
(80%Imax)	9772.55	—
(90%Imax)	10994.1	—



Luminance Table

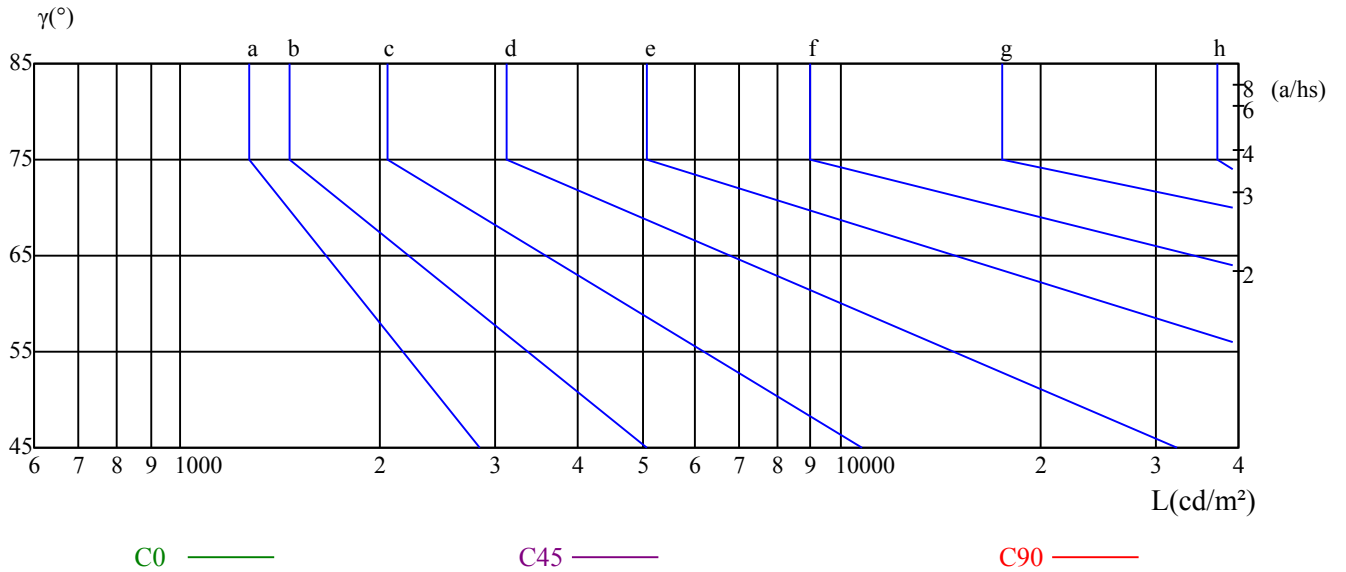
γ	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

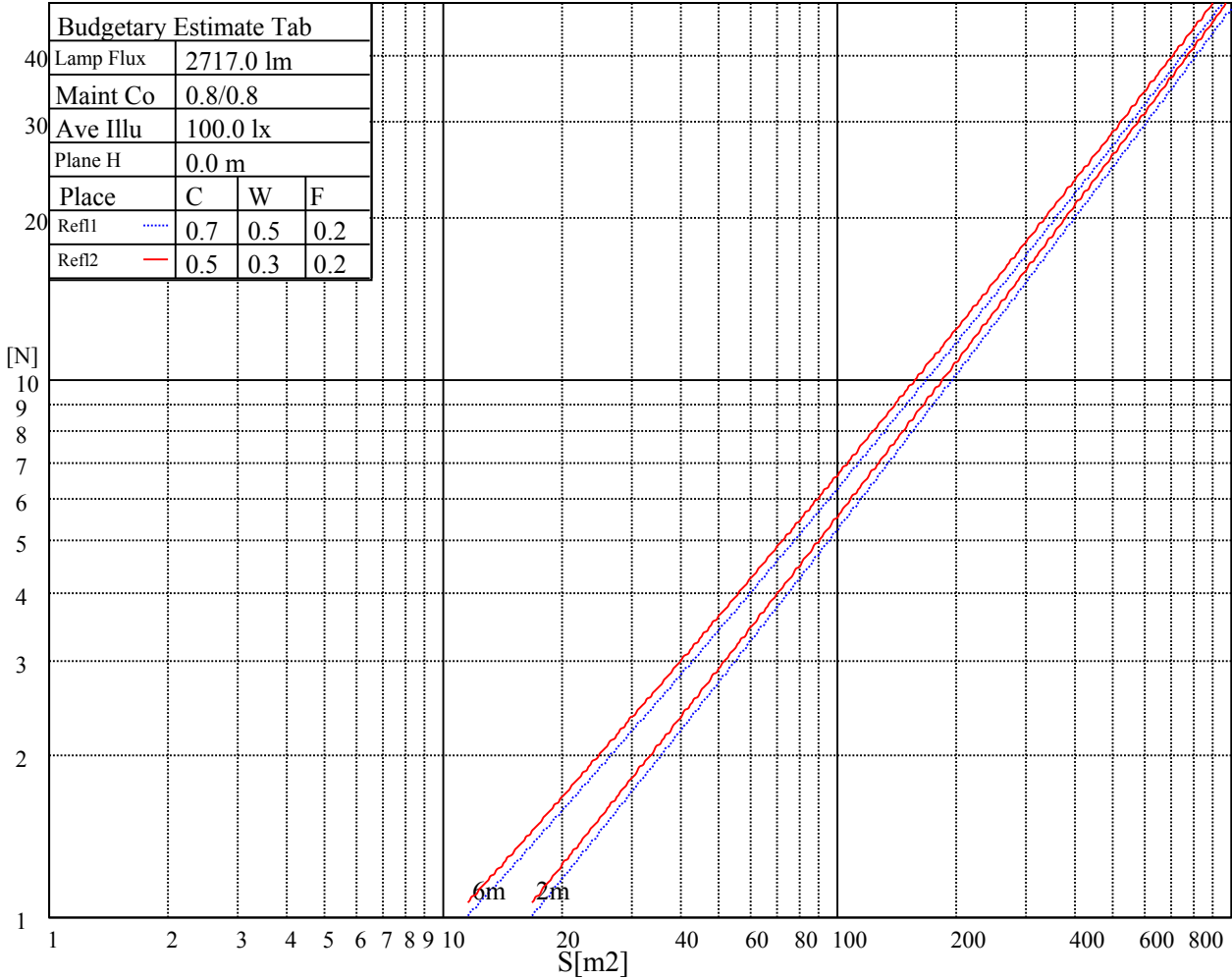
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

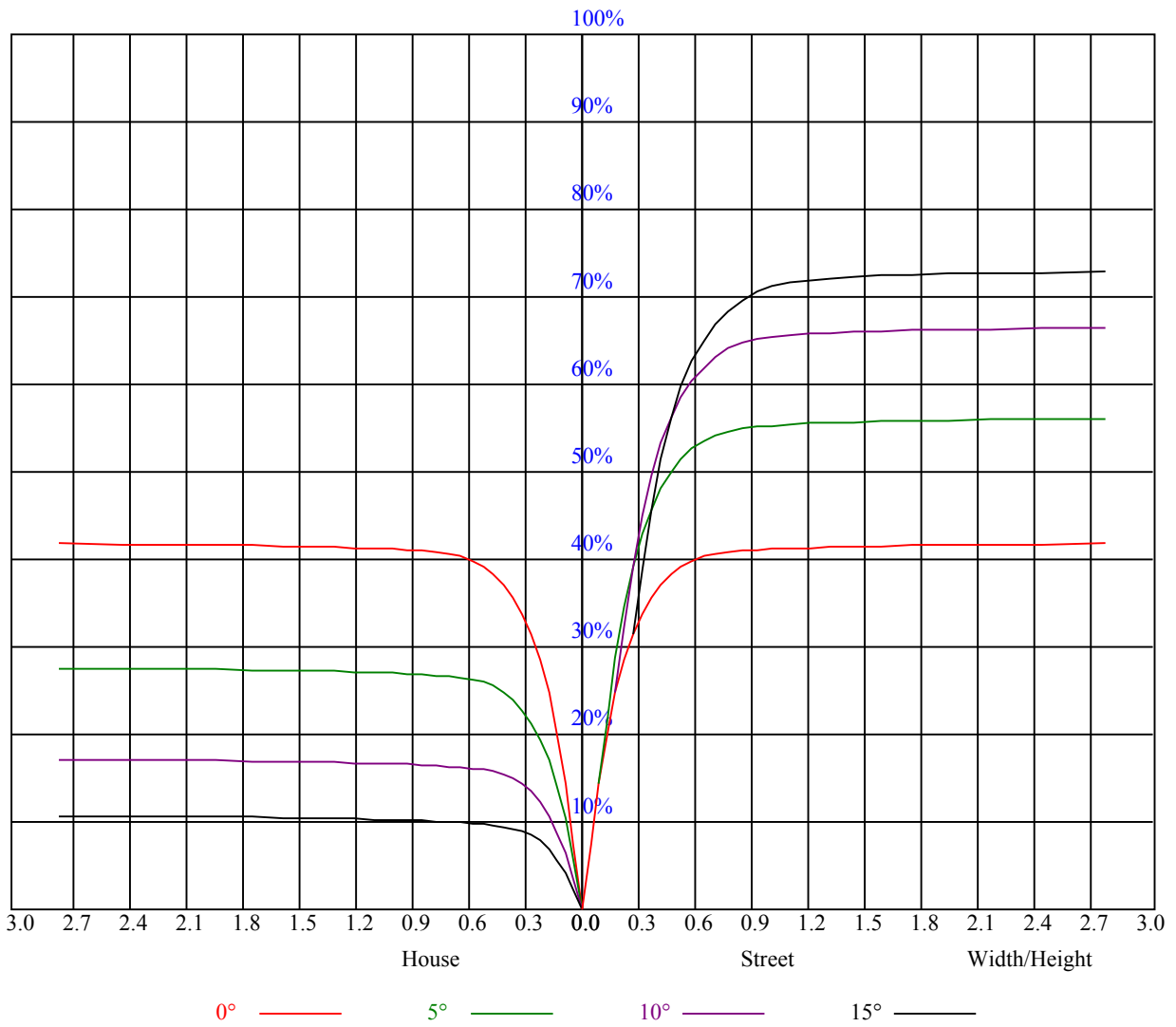


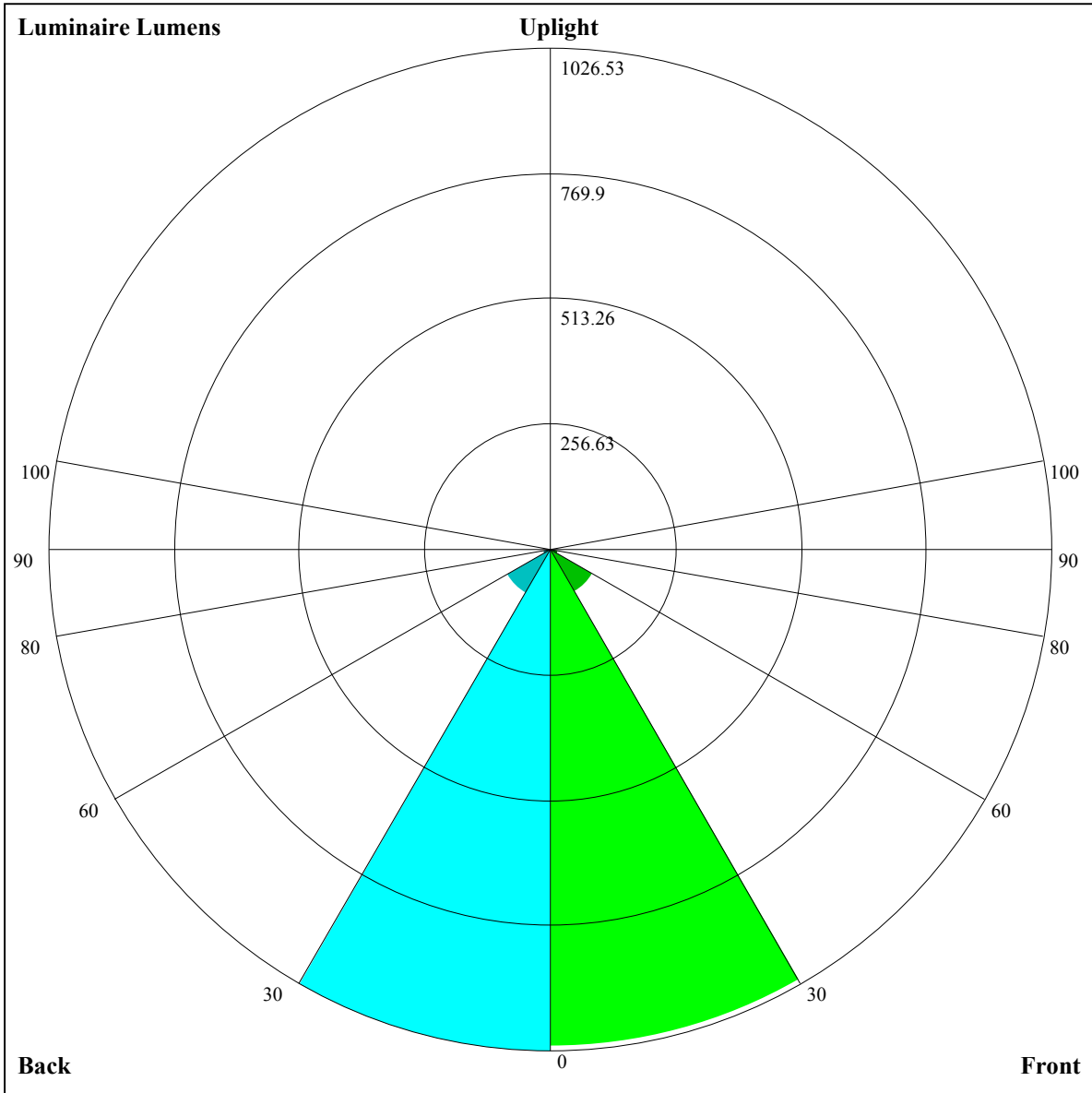
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	3H	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	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	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	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	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	非数字
4H	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	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	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	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	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	非数字
8H	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	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	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	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	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	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	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	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	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	1.00	1.00	1.00	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	0.87	0.84	0.88	0.85	0.83	0.85	0.83	0.81	0.83	0.81	0.80	0.81	0.79	0.78	0.77
3	0.85	0.82	0.79	0.84	0.81	0.78	0.82	0.79	0.77	0.80	0.78	0.76	0.78	0.76	0.75	0.74
4	0.81	0.78	0.75	0.80	0.77	0.74	0.79	0.76	0.74	0.77	0.75	0.73	0.76	0.74	0.72	0.71
5	0.78	0.74	0.71	0.77	0.74	0.71	0.76	0.73	0.70	0.75	0.72	0.70	0.73	0.71	0.69	0.68
6	0.75	0.71	0.68	0.74	0.71	0.68	0.73	0.70	0.68	0.72	0.69	0.67	0.71	0.69	0.67	0.66
7	0.72	0.69	0.66	0.72	0.68	0.66	0.71	0.68	0.65	0.70	0.67	0.65	0.69	0.67	0.65	0.64
8	0.70	0.66	0.64	0.69	0.66	0.63	0.69	0.65	0.63	0.68	0.65	0.63	0.67	0.65	0.63	0.62
9	0.68	0.64	0.61	0.67	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.61	0.65	0.63	0.61	0.60
10	0.66	0.62	0.60	0.65	0.62	0.59	0.65	0.62	0.59	0.64	0.61	0.59	0.64	0.61	0.59	0.58





Luminaire Lumens:

FL=1017.74,FM=99.27,FH=16.63,FVH=5.8

BL=1026.53,BM=102.73,BH=16.24,BVH=5.75

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	12217.16	11597.46	11597.46	11363.37	10632.43	9886.85	9019.55	8072.65	6885.82
45.0	12240.57	12234.71	12152.78	11813.35	11374.43	10795.06	10081.09	9015.98	8085.47
90.0	12228.86	11648.38	11648.38	11304.26	10718.45	9795.55	8922.40	7983.70	7040.32
135.0	12176.19	12199.60	12070.85	11766.53	11310.06	10590.23	9829.44	8711.66	7775.30
180.0	12217.16	12187.90	12000.62	11643.64	11040.85	10402.96	9624.61	8682.40	7506.10
225.0	12240.57	11663.01	11558.84	11055.54	10400.68	9600.09	8429.05	7455.24	6492.54
270.0	12228.86	12205.45	12029.89	11596.82	11122.79	10502.45	9513.42	8565.35	7383.20
315.0	12176.19	11577.56	11577.56	11088.32	10459.20	9666.81	8513.33	7541.27	6573.31
360.0	12217.16	11597.46	11597.46	11363.37	10632.43	9886.85	9019.55	8072.65	6885.82

C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	5974.04	4950.48	4261.08	3707.46	3161.44	2817.92	2532.91	2291.80	2041.32
45.0	6920.87	6019.62	5200.31	4322.47	3760.66	3310.03	3029.12	3029.12	2322.82
90.0	5906.15	5085.08	4378.71	3678.20	3241.03	2885.22	2522.96	2283.61	2079.36
135.0	6838.94	5937.69	5124.23	4258.10	3707.99	3263.21	2982.31	2982.31	2292.38
180.0	6569.74	5457.81	4679.46	4035.71	3403.67	3011.57	3011.57	2654.05	2154.86
225.0	5373.59	4610.46	3846.74	3372.12	2985.88	2599.04	2349.74	2138.47	1954.71
270.0	6435.13	5545.59	4761.39	3959.63	3456.34	3046.68	2953.05	2607.24	2168.90
315.0	5657.43	4677.18	4039.28	3527.21	3108.19	2695.60	2428.16	2149.00	1959.39
360.0	5974.04	4950.48	4261.08	3707.46	3161.44	2817.92	2532.91	2291.80	2041.32

C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1874.53	1724.13	1586.02	1419.81	1151.61	1151.61	1093.90	1016.54	906.34
45.0	2114.48	1938.91	1748.71	1611.77	1480.09	1352.51	1216.16	1133.64	1039.42
90.0	1867.51	1718.28	1580.75	1449.08	1150.55	1150.55	1112.22	1033.86	928.11
135.0	2090.48	1875.70	1725.89	1555.59	1424.50	1302.77	1205.04	1109.06	1031.22
180.0	1967.00	1803.14	1652.73	1486.53	1363.63	1237.81	1151.78	1048.78	973.87
225.0	1754.56	1611.77	1477.75	1270.58	1148.62	1130.13	1057.38	979.37	907.11
270.0	1978.12	1815.43	1629.91	1484.77	1362.46	1224.35	1145.34	1045.27	965.09
315.0	1793.77	1612.35	1477.75	1270.58	1153.77	1135.10	1062.77	980.49	890.48
360.0	1874.53	1724.13	1586.02	1419.81	1151.61	1151.61	1093.90	1016.54	906.34

C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	815.28	721.76	630.52	514.76	426.39	342.94	267.68	187.33	141.27
45.0	952.22	859.75	742.71	647.90	558.36	469.99	362.31	302.03	302.03
90.0	838.04	745.40	634.74	543.38	455.19	348.79	272.01	204.36	143.85
135.0	941.69	822.30	728.66	637.95	553.68	447.17	364.65	304.96	304.96
180.0	860.34	772.56	679.50	567.14	475.85	392.16	313.74	295.60	215.66
225.0	779.75	663.59	571.30	481.17	374.08	295.07	226.31	172.47	131.32
270.0	870.29	781.92	663.12	574.16	481.70	393.91	313.15	313.15	164.68
315.0	773.96	682.31	592.89	485.09	400.82	319.24	228.47	171.82	133.78
360.0	815.28	721.76	630.52	514.76	426.39	342.94	267.68	187.33	141.27

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	115.99	100.42	90.36	81.58	73.68	64.73	58.58	52.03	47.64
45.0	158.48	120.09	106.10	95.10	83.45	75.08	67.53	59.28	53.78
90.0	119.91	107.62	97.32	85.97	77.78	70.23	63.56	56.36	51.38
135.0	148.82	123.07	109.96	96.74	87.73	77.37	70.05	63.50	57.76
180.0	134.66	116.81	103.06	93.58	84.68	76.49	67.42	61.10	54.31
225.0	115.87	104.99	95.10	83.75	75.38	67.83	59.63	54.02	49.10
270.0	131.62	112.54	101.77	90.07	81.29	72.98	63.85	57.64	52.14
315.0	110.84	99.43	89.42	78.48	70.52	63.56	57.47	52.14	46.47
360.0	115.99	100.42	90.36	81.58	73.68	64.73	58.58	52.03	47.64

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	43.83	39.74	36.99	34.59	32.48	30.61	28.62	27.27	26.04
45.0	48.98	44.01	40.56	37.57	34.35	32.25	30.31	28.68	26.86
90.0	47.05	42.31	39.15	35.76	33.36	31.19	28.97	27.51	26.28
135.0	51.56	47.23	43.42	40.20	36.64	34.24	32.19	30.02	28.56
180.0	49.69	45.71	41.49	38.57	36.05	33.24	31.25	29.55	28.03
225.0	44.01	40.61	37.57	34.35	32.07	30.14	28.50	26.63	25.34
270.0	46.35	42.37	39.03	36.11	33.01	30.90	29.03	27.39	25.63
315.0	42.66	38.62	35.93	33.53	31.02	29.32	27.86	26.22	25.11
360.0	43.83	39.74	36.99	34.59	32.48	30.61	28.62	27.27	26.04
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	24.76	23.94	23.06	22.41	22.00	21.59	21.24	20.95	20.60
45.0	25.75	24.76	23.88	23.00	22.41	21.83	21.48	21.19	20.83
90.0	25.16	23.99	23.17	22.53	21.95	21.42	21.01	20.66	20.25
135.0	26.92	25.81	24.81	23.94	23.00	22.36	21.89	21.42	20.95
180.0	26.34	25.22	24.23	23.35	22.47	21.89	21.42	20.95	20.54
225.0	24.29	23.35	22.36	21.71	21.07	20.72	20.42	20.01	19.66
270.0	24.46	23.47	22.47	21.71	21.19	20.60	20.25	20.01	19.61
315.0	24.17	23.35	22.53	21.95	21.48	21.19	20.78	20.48	20.13
360.0	24.76	23.94	23.06	22.41	22.00	21.59	21.24	20.95	20.60
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	20.07	19.61	18.90	18.20	17.32	16.80	16.80	17.21	17.38
45.0	20.54	20.13	19.66	18.84	18.08	17.32	16.62	15.98	15.63
90.0	19.78	19.20	18.43	17.62	16.85	16.04	15.45	14.92	14.51
135.0	20.54	20.07	19.49	18.67	17.91	17.26	16.50	16.50	16.74
180.0	20.19	19.55	18.90	18.26	17.26	16.56	15.98	15.51	15.16
225.0	19.14	18.43	17.79	16.97	16.27	15.51	14.98	14.57	14.22
270.0	19.31	18.90	18.14	17.50	16.85	16.09	15.51	14.81	14.40
315.0	19.72	19.02	18.43	17.56	16.80	16.09	15.74	15.74	15.51
360.0	20.07	19.61	18.90	18.20	17.32	16.80	16.80	17.21	17.38
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	16.97	16.21	15.80	15.63	15.16	14.46	14.10	13.52	12.87
45.0	15.51	15.51	15.27	14.98	14.69	14.22	13.93	13.23	12.87
90.0	14.10	13.75	13.46	13.17	12.82	12.58	12.29	11.94	11.65
135.0	16.39	15.98	15.39	15.04	14.69	14.22	13.87	13.28	12.93
180.0	14.75	14.28	13.93	13.52	13.17	12.82	12.52	12.23	11.94
225.0	13.81	13.52	13.17	12.82	12.52	12.17	11.94	11.70	11.47
270.0	13.93	13.58	13.28	12.99	12.76	12.41	12.17	11.88	11.65
315.0	15.16	14.86	14.69	14.46	14.10	13.87	13.40	13.05	12.35
360.0	16.97	16.21	15.80	15.63	15.16	14.46	14.10	13.52	12.87
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	12.35	11.41	11.06	10.71	10.53	10.36	10.01	9.83	9.71
45.0	12.35	11.82	11.41	10.94	10.65	10.42	10.12	9.95	9.89
90.0	11.41	11.18	10.89	10.65	10.42	10.12	9.95	9.83	9.66
135.0	12.35	11.76	11.18	10.89	10.59	10.30	10.07	9.89	9.95
180.0	11.65	11.29	10.94	10.77	10.42	10.18	10.01	9.89	9.77
225.0	11.18	10.89	10.65	10.48	10.18	10.01	9.83	9.71	9.71
270.0	11.35	11.12	10.89	10.59	10.36	10.18	9.95	9.83	9.66
315.0	11.70	11.06	10.77	10.53	10.36	10.07	9.89	9.89	9.71
360.0	12.35	11.41	11.06	10.71	10.53	10.36	10.01	9.83	9.71

Intensity data(cd)

C/γ(°)	90.0
0.0	9.77
45.0	9.66
90.0	9.66
135.0	9.66
180.0	9.77
225.0	9.77
270.0	9.77
315.0	9.77
360.0	9.77