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NT

Client:

LumCAT: 2-2684-L

Luminaire: 92.70.412.00

Report No: 2024227-B006

Ballast type: AC

Test No: 2024227-C006

Voltage(V): 35.900

LampCAT: P2141-036-1206-P3090-1

Current(A): 0.701

Lamp flux(lm): 3316.0

Power (W): 25.165

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2824.98, Efficiency(%): 85.19% , Luminous Efficacy(lm/W): 112.26

Central intensity(cd): 6168.916, Maximum intensity(cd): 6168.916

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=36.6

[C90/270]Total=36.6

Field angle(10%Imax): [C0/180]Total=66.4

[C90/270]Total=66.4

Maximum s/h(1/2): C0_180=0.59 C90_270=0.59

Maximum s/h(1/4): C0_180=0.61 C90_270=0.61

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 85.19%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.879%

Equipment: GMS1980
Temperature(°C): 25.0

Date: 2024/2/27
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	6168.915	0.000	0	0.00%	0.00%
1.0	6156.406	5.897	5.897	0.18%	0.21%
2.0	6115.294	17.614	23.511	0.53%	0.83%
3.0	6048.359	29.091	52.602	0.88%	1.86%
4.0	5961.526	40.201	92.803	1.21%	3.29%
5.0	5850.992	50.817	143.62	1.53%	5.08%
6.0	5724.949	60.835	204.455	1.83%	7.24%
7.0	5582.593	70.186	274.641	2.12%	9.72%
8.0	5409.732	78.670	353.311	2.37%	12.51%
9.0	5218.802	86.138	439.449	2.60%	15.56%
10.0	5019.314	92.651	532.1	2.79%	18.84%
11.0	4810.389	98.219	630.319	2.96%	22.31%
12.0	4572.056	102.564	732.883	3.09%	25.94%
13.0	4338.185	105.742	838.625	3.19%	29.69%
14.0	4102.559	108.041	946.666	3.26%	33.51%
15.0	3850.766	109.187	1055.852	3.29%	37.38%
16.0	3613.530	109.373	1165.225	3.30%	41.25%
17.0	3381.196	108.927	1274.152	3.28%	45.10%
18.0	3145.350	107.609	1381.76	3.25%	48.91%
19.0	2916.088	105.457	1487.217	3.18%	52.65%
20.0	2684.486	102.506	1589.723	3.09%	56.27%
21.0	2463.124	98.845	1688.568	2.98%	59.77%
22.0	2249.005	94.692	1783.26	2.86%	63.12%
23.0	2057.198	90.356	1873.616	2.72%	66.32%
24.0	1878.192	86.042	1959.657	2.59%	69.37%
25.0	1714.914	81.699	2041.357	2.46%	72.26%
26.0	1536.925	76.760	2118.117	2.31%	74.98%
27.0	1402.404	71.911	2190.028	2.17%	77.52%
28.0	1253.223	67.235	2257.263	2.03%	79.90%
29.0	1148.921	62.847	2320.11	1.90%	82.13%
30.0	1033.420	58.923	2379.033	1.78%	84.21%
31.0	893.631	53.627	2432.66	1.62%	86.11%
32.0	766.206	47.552	2480.212	1.43%	87.80%
33.0	643.484	41.530	2521.742	1.25%	89.27%
34.0	532.577	35.591	2557.333	1.07%	90.53%
35.0	428.216	29.839	2587.172	0.90%	91.58%
36.0	339.591	24.447	2611.619	0.74%	92.45%
37.0	279.057	20.177	2631.796	0.61%	93.16%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	212.510	16.408	2648.204	0.49%	93.74%
39.0	165.077	12.888	2661.092	0.39%	94.20%
40.0	127.762	10.213	2671.305	0.31%	94.56%
41.0	94.199	7.904	2679.209	0.24%	94.84%
42.0	83.760	6.466	2685.674	0.19%	95.07%
43.0	77.681	5.980	2691.655	0.18%	95.28%
44.0	72.985	5.687	2697.341	0.17%	95.48%
45.0	68.771	5.448	2702.789	0.16%	95.67%
46.0	65.150	5.237	2708.027	0.16%	95.86%
47.0	61.990	5.057	2713.083	0.15%	96.04%
48.0	58.932	4.888	2717.972	0.15%	96.21%
49.0	56.087	4.723	2722.695	0.14%	96.38%
50.0	53.555	4.571	2727.266	0.14%	96.54%
51.0	50.966	4.422	2731.688	0.13%	96.70%
52.0	48.515	4.269	2735.957	0.13%	96.85%
53.0	46.306	4.125	2740.082	0.12%	96.99%
54.0	44.067	3.983	2744.065	0.12%	97.14%
55.0	41.895	3.837	2747.902	0.12%	97.27%
56.0	39.832	3.693	2751.595	0.11%	97.40%
57.0	37.937	3.556	2755.151	0.11%	97.53%
58.0	36.189	3.428	2758.579	0.10%	97.65%
59.0	34.404	3.300	2761.879	0.10%	97.77%
60.0	32.838	3.177	2765.056	0.10%	97.88%
61.0	31.207	3.056	2768.112	0.09%	97.99%
62.0	29.803	2.940	2771.052	0.09%	98.09%
63.0	28.471	2.834	2773.886	0.09%	98.19%
64.0	27.271	2.735	2776.622	0.08%	98.29%
65.0	26.057	2.639	2779.261	0.08%	98.38%
66.0	24.923	2.544	2781.804	0.08%	98.47%
67.0	23.936	2.457	2784.261	0.07%	98.56%
68.0	22.985	2.377	2786.638	0.07%	98.64%
69.0	22.063	2.298	2788.936	0.07%	98.72%
70.0	21.273	2.226	2791.162	0.07%	98.80%
71.0	20.498	2.159	2793.321	0.07%	98.88%
72.0	19.766	2.094	2795.414	0.06%	98.95%
73.0	19.115	2.033	2797.447	0.06%	99.03%
74.0	18.464	1.976	2799.423	0.06%	99.10%
75.0	17.871	1.920	2801.343	0.06%	99.16%

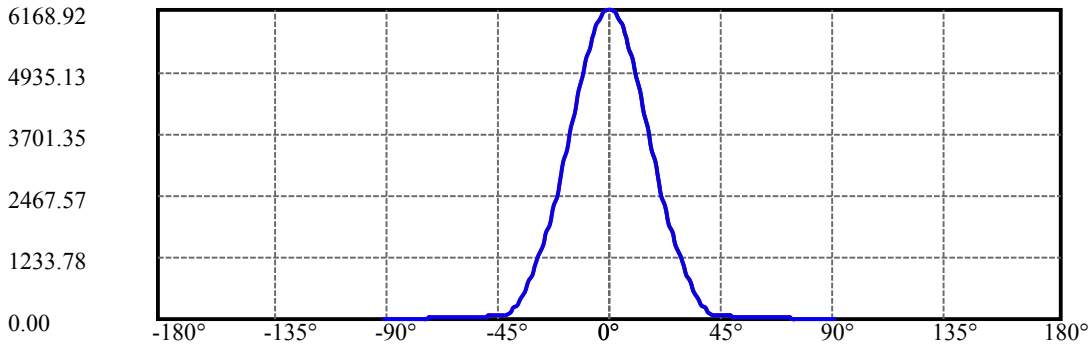
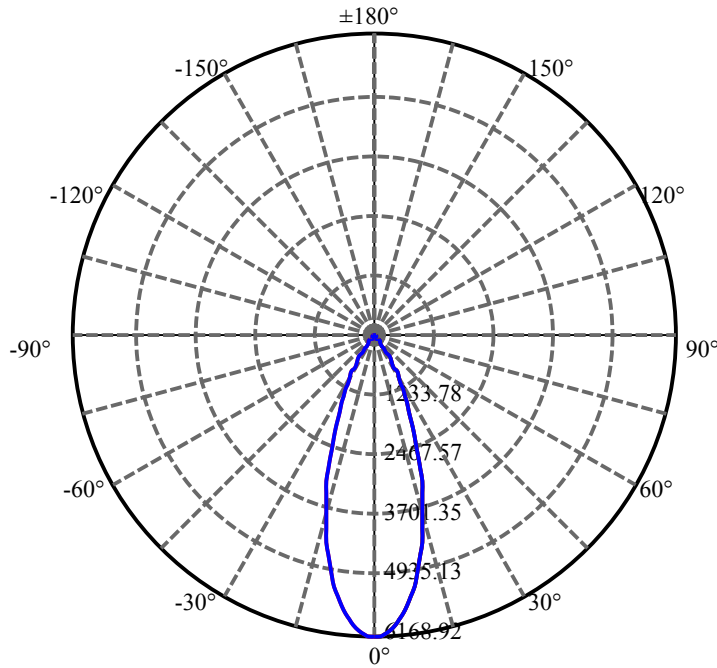
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	17.352	1.870	2803.213	0.06%	99.23%
77.0	16.847	1.823	2805.036	0.05%	99.29%
78.0	16.372	1.778	2806.814	0.05%	99.36%
79.0	15.903	1.734	2808.548	0.05%	99.42%
80.0	15.472	1.692	2810.24	0.05%	99.48%
81.0	15.048	1.650	2811.89	0.05%	99.54%
82.0	14.638	1.610	2813.5	0.05%	99.59%
83.0	14.184	1.567	2815.067	0.05%	99.65%
84.0	13.738	1.521	2816.588	0.05%	99.70%
85.0	13.299	1.476	2818.064	0.04%	99.76%
86.0	12.970	1.436	2819.5	0.04%	99.81%
87.0	12.692	1.404	2820.904	0.04%	99.86%
88.0	12.429	1.376	2822.28	0.04%	99.90%
89.0	12.304	1.356	2823.636	0.04%	99.95%
90.0	12.202	1.344	2824.979	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2379.03	71.74%	84.21%
0-40	2671.30	80.56%	94.56%
0-60	2765.06	83.39%	97.88%
0-90	2823.64	85.15%	99.95%
0-120	2823.64	85.15%	99.95%
0-180	2824.98	85.19%	100.00%
60-90	58.58	1.77%	2.07%
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%
0-28.04	2259.98	68.15%	80.00%

ZONAL LUMEN SUMMARY

0-10	532.10
10-20	1057.62
20-30	789.31
30-40	292.27
40-50	55.96
50-60	37.79
60-70	26.11
70-80	19.08
80-90	13.40
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: —————

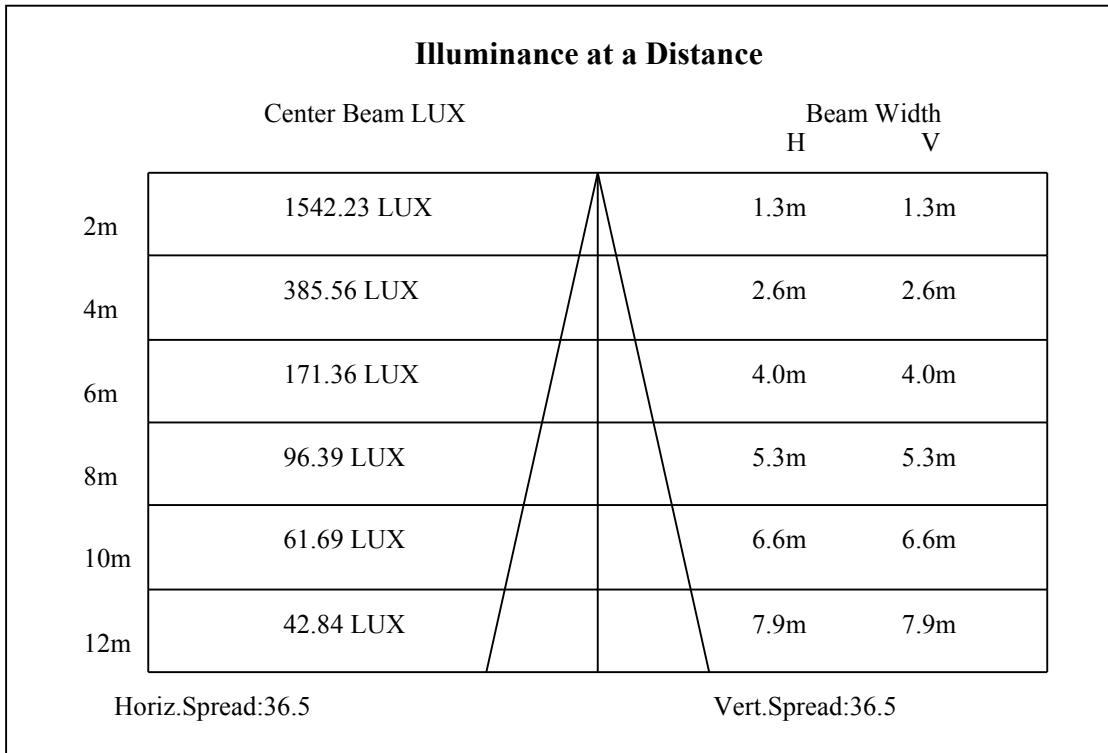
C90/C270: —————

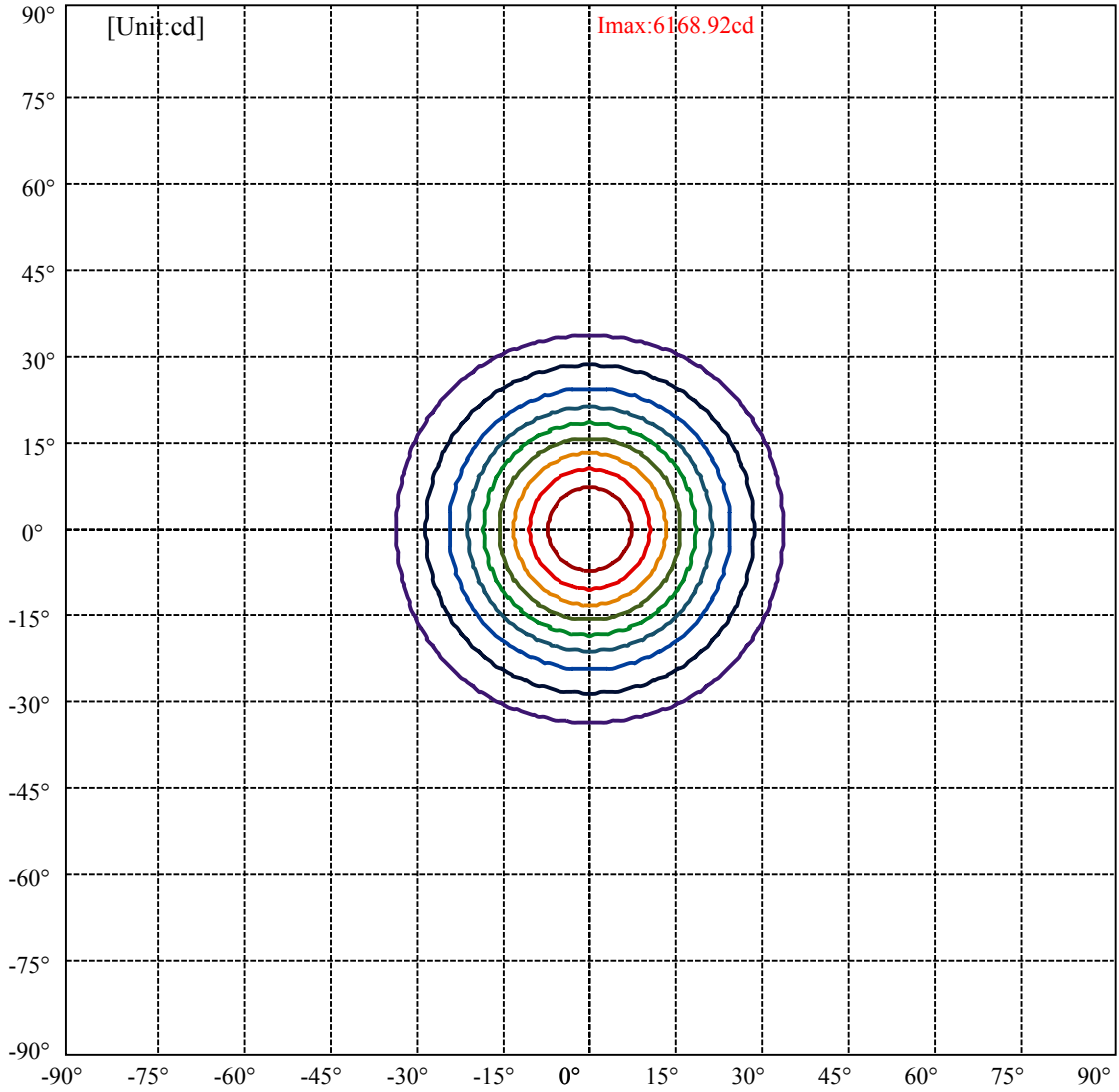
Field angle(10%Imax):C0/180Left:33.2 Right:33.2

:C90/270Left:33.2 Right:33.2

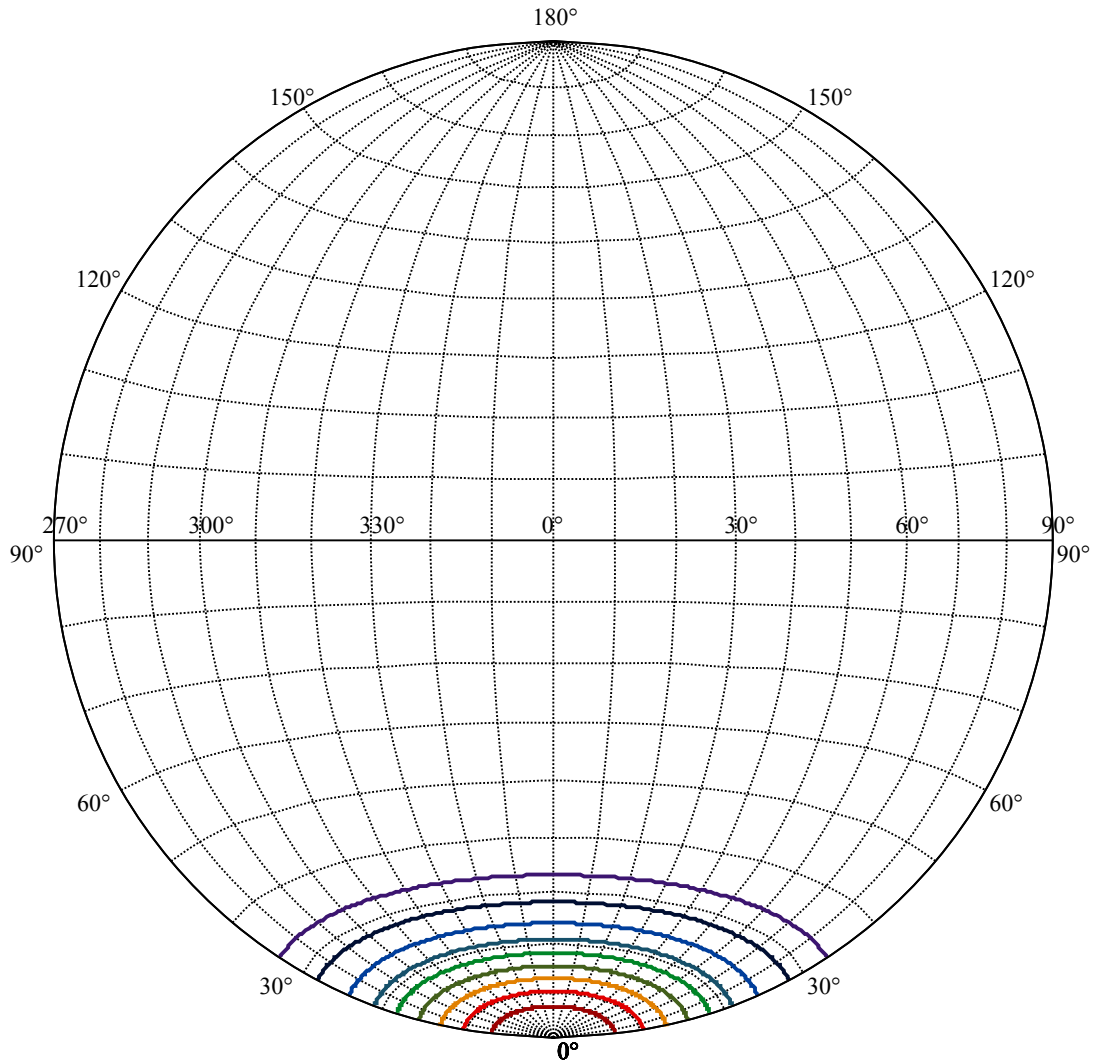
Beam Angle(50%Imax):C0/180Left:18.3 Right:18.3

:C90/270Left:18.3 Right:18.3





(10%I _{max}) 616.892	—
(20%I _{max}) 1233.78	—
(30%I _{max}) 1850.67	—
(40%I _{max}) 2467.57	—
(50%I _{max}) 3084.46	—
(60%I _{max}) 3701.35	—
(70%I _{max}) 4318.24	—
(80%I _{max}) 4935.13	—
(90%I _{max}) 5552.02	—



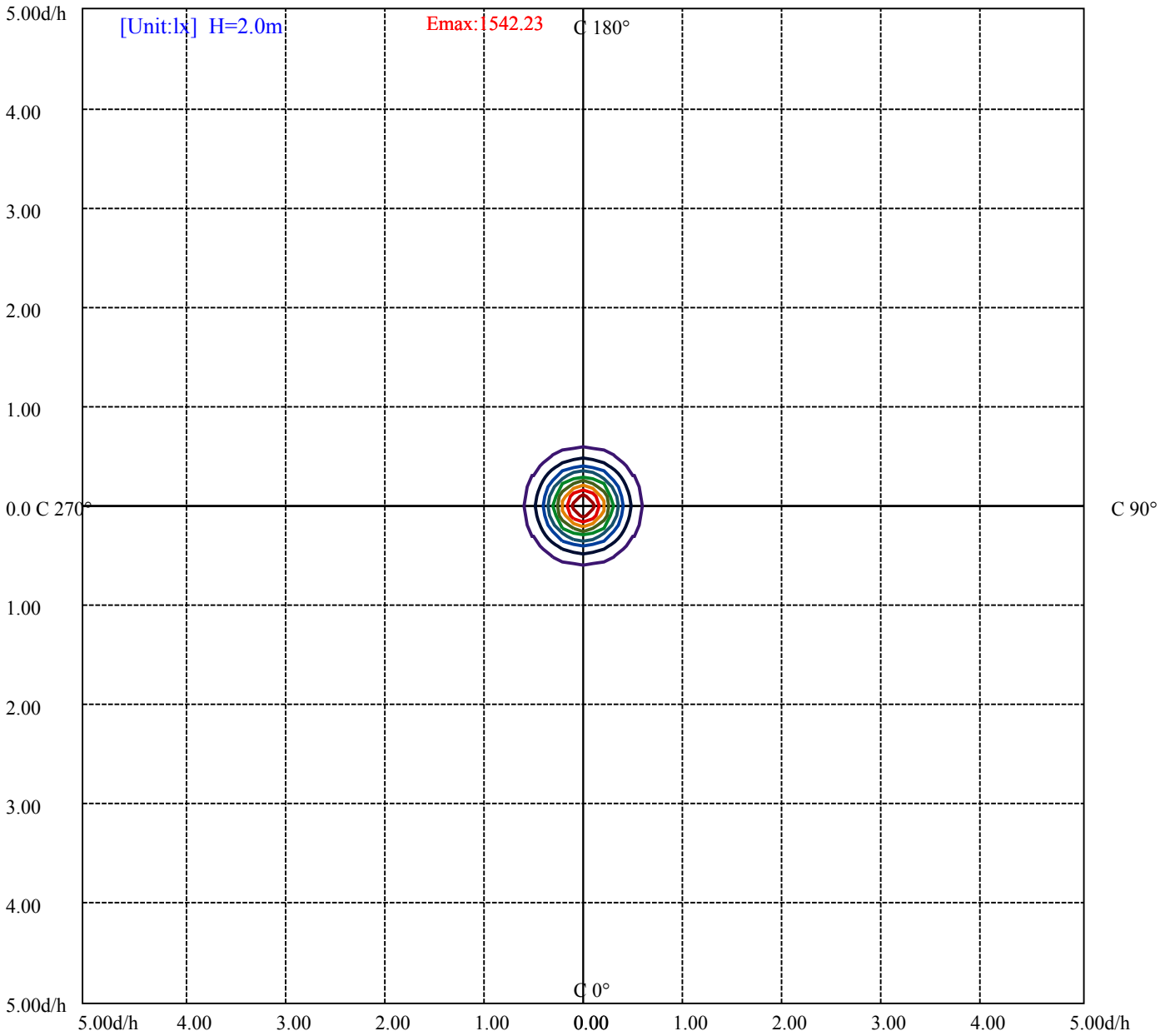
House

[Unit:cd]

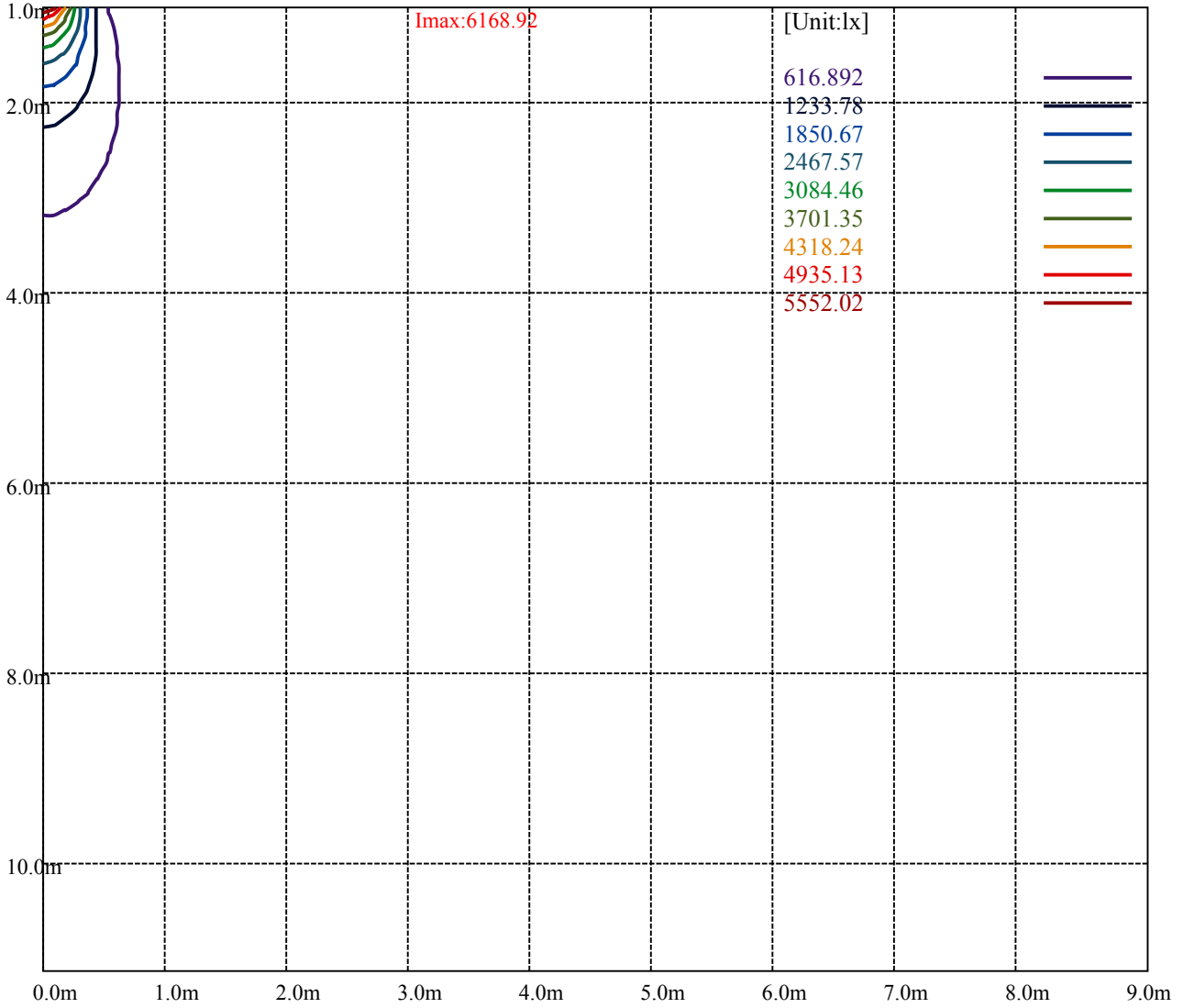
Road

Imax:6168.92

(10%Imax)	616.892	—
(20%Imax)	1233.78	—
(30%Imax)	1850.67	—
(40%Imax)	2467.57	—
(50%Imax)	3084.46	—
(60%Imax)	3701.35	—
(70%Imax)	4318.24	—
(80%Imax)	4935.13	—
(90%Imax)	5552.02	—



(10%Emax) 154.2227	—
(20%Emax) 308.445	—
(30%Emax) 462.6675	—
(40%Emax) 616.8925	—
(50%Emax) 771.115	—
(60%Emax) 925.3375	—
(70%Emax) 1079.56	—
(80%Emax) 1233.782	—
(90%Emax) 1388.005	—



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

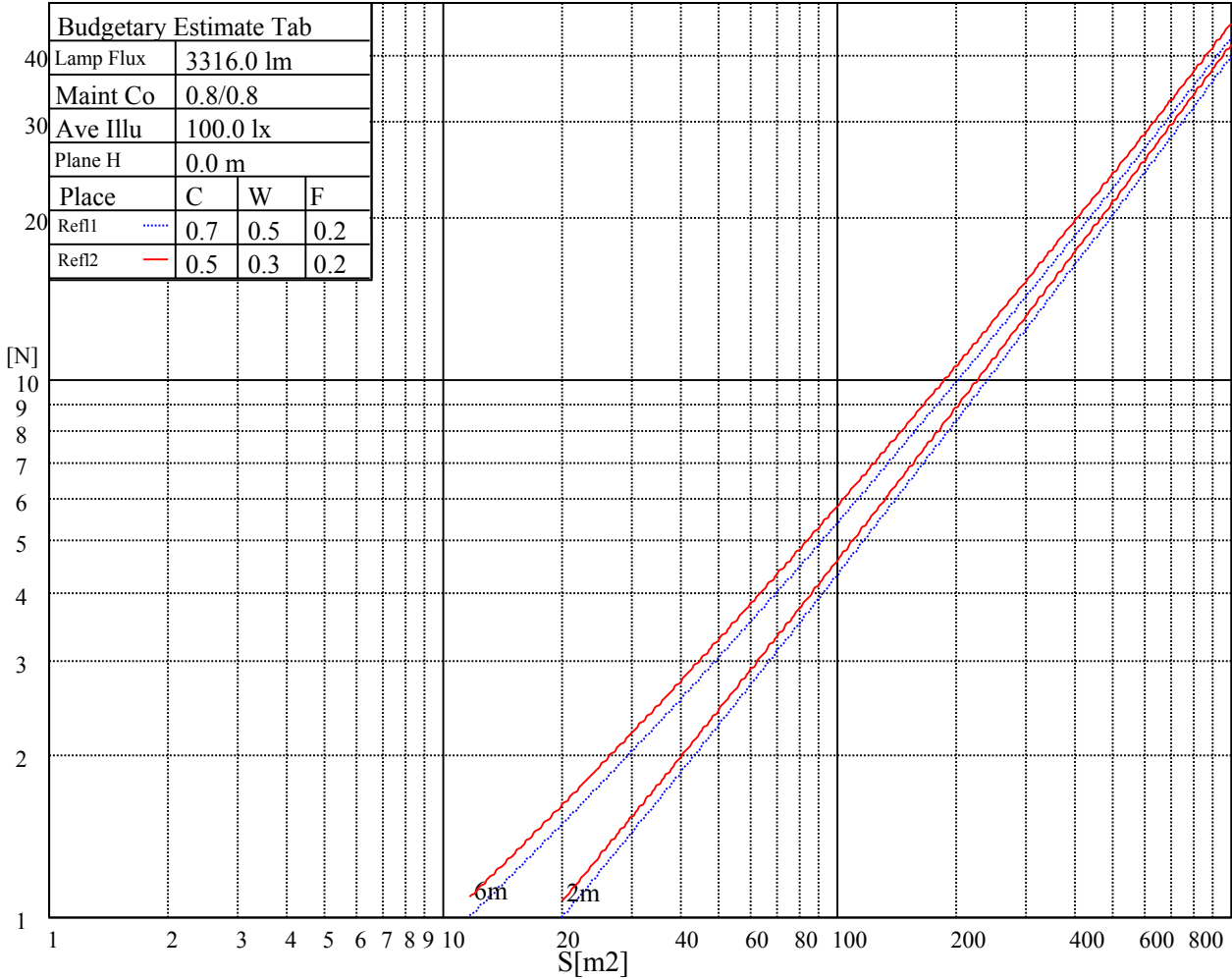
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

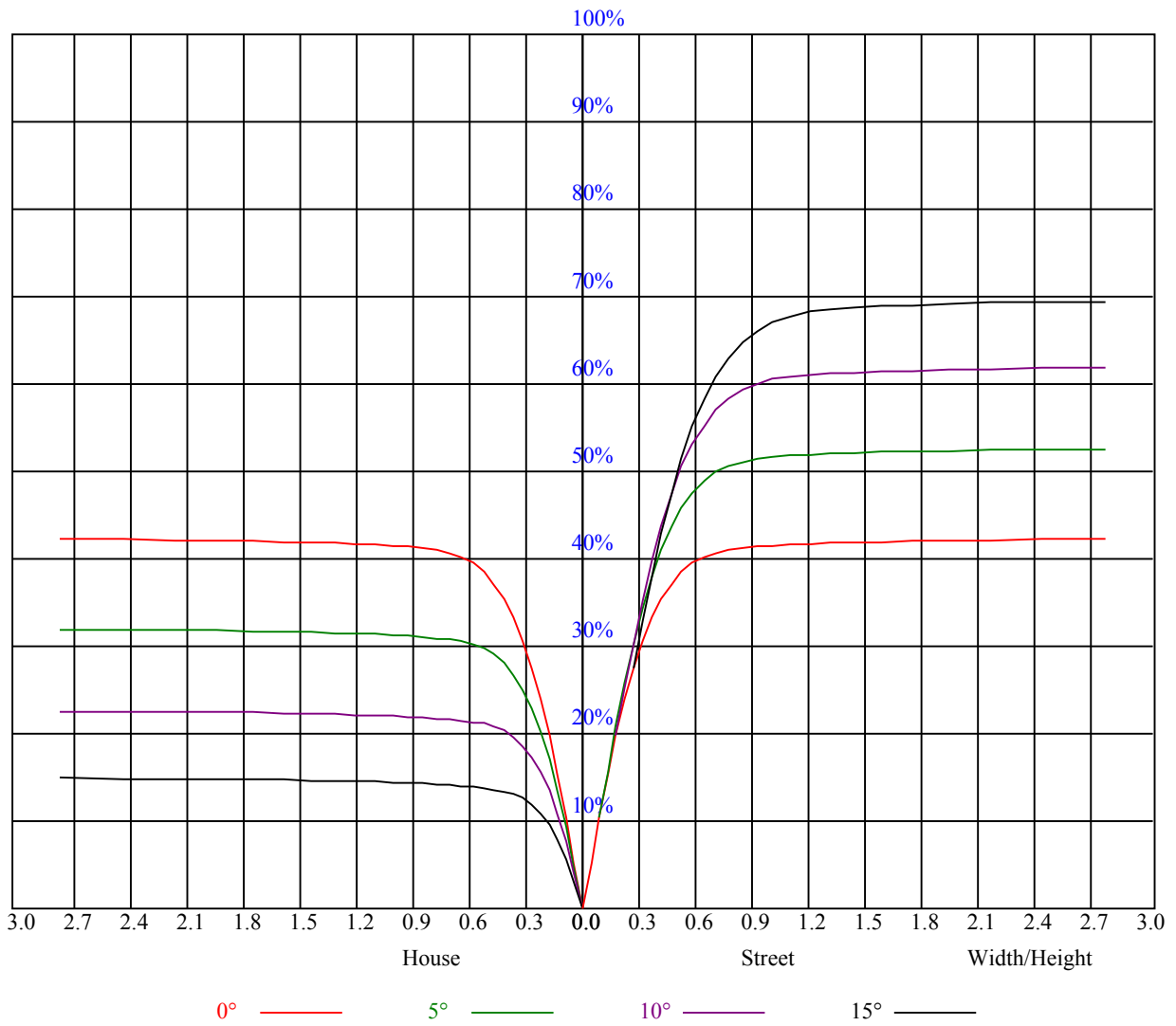


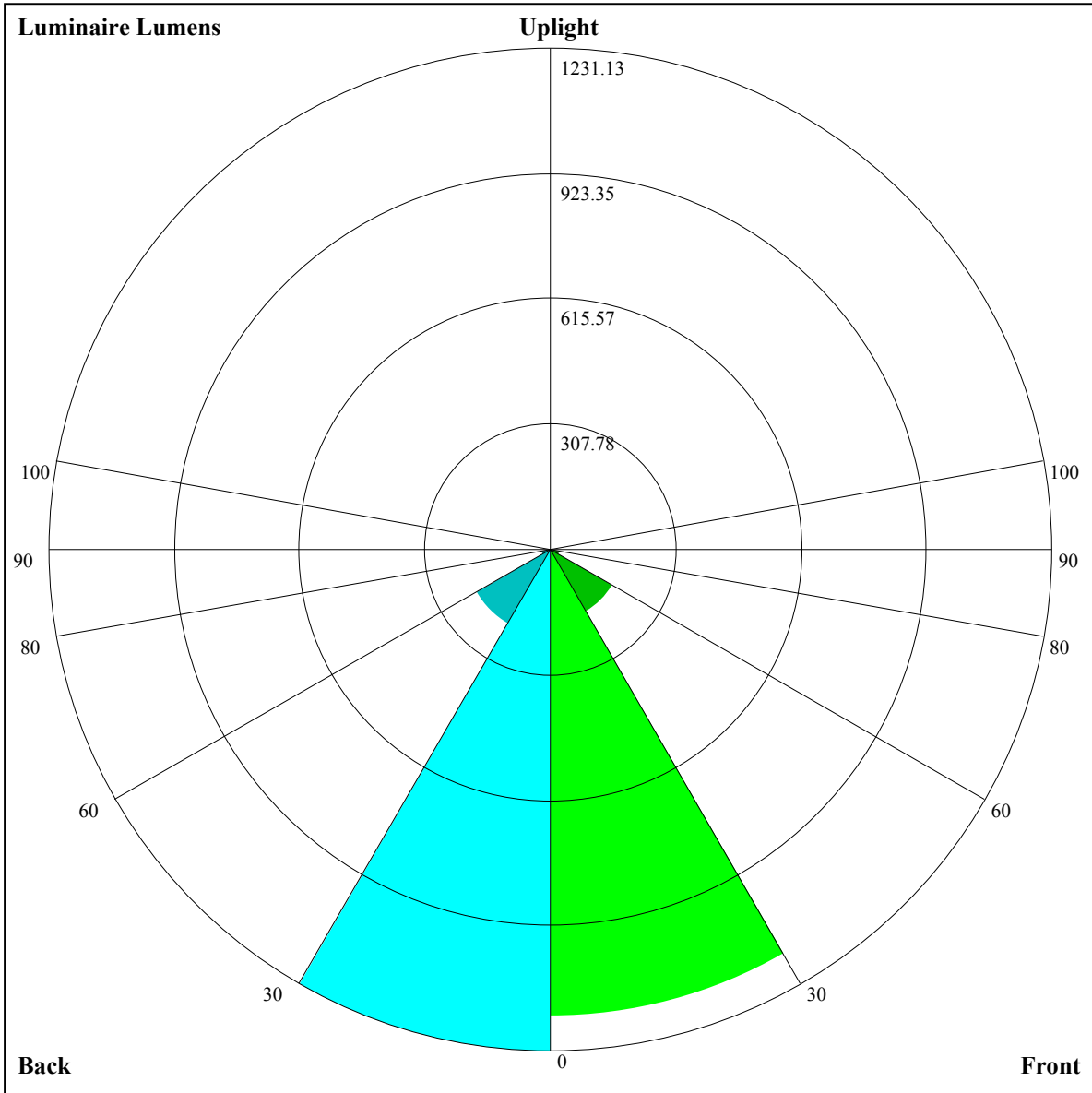
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	3H	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
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	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	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	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	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	1.01	1.01	1.01	0.99	0.99	0.99	0.95	0.95	0.95	0.91	0.91	0.91	0.87	0.87	0.87	0.85
1	0.95	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	0.83	0.87	0.85	0.82	0.85	0.82	0.80	0.82	0.80	0.79	0.80	0.78	0.77	0.76
3	0.84	0.80	0.77	0.83	0.79	0.76	0.80	0.77	0.75	0.78	0.76	0.74	0.77	0.75	0.73	0.72
4	0.79	0.75	0.72	0.78	0.74	0.71	0.77	0.73	0.71	0.75	0.72	0.70	0.73	0.71	0.69	0.68
5	0.75	0.71	0.68	0.74	0.70	0.67	0.73	0.69	0.67	0.72	0.68	0.66	0.70	0.68	0.65	0.64
6	0.72	0.67	0.64	0.71	0.67	0.64	0.70	0.66	0.63	0.68	0.65	0.63	0.67	0.65	0.62	0.61
7	0.68	0.64	0.61	0.68	0.63	0.60	0.67	0.63	0.60	0.66	0.62	0.60	0.65	0.62	0.59	0.58
8	0.65	0.61	0.58	0.65	0.60	0.57	0.64	0.60	0.57	0.63	0.60	0.57	0.62	0.59	0.57	0.56
9	0.62	0.58	0.55	0.62	0.58	0.55	0.61	0.57	0.55	0.60	0.57	0.54	0.60	0.57	0.54	0.53
10	0.60	0.55	0.53	0.59	0.55	0.52	0.59	0.55	0.52	0.58	0.55	0.52	0.58	0.54	0.52	0.51





Luminaire Lumens:

FL=1145.76,FM=177.32,FH=22.2,FVH=7.27

BL=1231.13,BM=212.14,BH=23.02,BVH=7.48

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	6130.29	6065.33	5985.74	5865.77	5739.95	5573.74	5411.05	5233.14	5035.92
45.0	6184.13	6147.85	6089.32	6015.00	5897.96	5789.69	5662.70	5519.90	5312.73
90.0	6164.82	6113.32	6026.71	5939.51	5834.75	5716.54	5539.21	5378.86	5201.54
135.0	6196.42	6188.81	6147.26	6088.15	5991.01	5888.01	5772.72	5641.63	5453.19
180.0	6130.29	6181.20	6198.18	6184.13	6145.51	6063.57	5983.40	5883.91	5762.18
225.0	6184.13	6189.98	6160.14	6106.88	6039.58	5930.73	5831.83	5666.79	5514.63
270.0	6164.82	6192.91	6187.64	6143.17	6086.40	5991.59	5899.13	5787.93	5617.05
315.0	6196.42	6171.84	6127.36	6044.26	5957.06	5854.06	5699.56	5548.58	5380.62
360.0	6130.29	6065.33	5985.74	5865.77	5739.95	5573.74	5411.05	5233.14	5035.92
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4790.13	4575.35	4354.13	4131.75	3846.74	3625.53	3407.24	3129.26	2909.80
45.0	5130.73	4935.85	4677.18	4462.40	4190.85	3967.88	3743.74	3466.93	3245.72
90.0	4961.60	4757.94	4543.75	4269.86	4045.72	3828.02	3548.28	3330.57	3115.80
135.0	5278.20	5088.00	4894.30	4630.36	4410.90	4186.17	3902.34	3675.86	3458.74
180.0	5583.69	5430.95	5249.53	5008.41	4796.56	4585.88	4312.58	4087.27	3811.63
225.0	5347.84	5117.85	4919.46	4710.53	4492.83	4209.00	3985.44	3760.71	3543.01
270.0	5460.21	5295.76	5104.98	4845.14	4626.26	4403.29	4114.19	3885.95	3660.06
315.0	5198.03	4952.82	4739.80	4518.00	4295.61	4014.70	3792.32	3571.69	3304.82
360.0	4790.13	4575.35	4354.13	4131.75	3846.74	3625.53	3407.24	3129.26	2909.80
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2699.70	2436.94	2237.37	2053.61	1836.49	1689.60	1562.61	1450.25	1138.85
45.0	3029.18	2812.06	2548.13	2344.47	2153.69	1976.95	1769.19	1631.67	1505.84
90.0	2840.74	2625.96	2417.62	2218.65	1986.31	1818.94	1672.63	1543.88	1306.28
135.0	3191.29	2974.76	2703.21	2492.53	2290.63	2102.19	1882.73	1723.55	1588.36
180.0	3595.10	3376.22	3159.69	2877.02	2662.83	2463.27	2265.46	2027.28	1852.88
225.0	3274.98	3057.27	2845.42	2582.66	2380.75	2140.81	1959.39	1796.11	1644.54
270.0	3443.52	3226.99	2956.03	2734.81	2473.22	2283.02	2096.33	1873.36	1711.84
315.0	3088.29	2818.50	2608.41	2401.24	2208.11	1982.80	1817.18	1673.22	1546.81
360.0	2699.70	2436.94	2237.37	2053.61	1836.49	1689.60	1562.61	1450.25	1138.85
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1138.85	1041.93	919.45	773.55	659.43	553.10	428.33	339.72	245.09
45.0	1388.21	1226.10	1066.34	939.93	817.03	703.50	568.31	468.24	372.85
90.0	1143.65	1110.00	984.47	862.33	713.86	602.14	499.20	401.76	296.77
135.0	1467.80	1316.81	1186.31	1061.66	935.83	782.50	666.63	534.37	437.22
180.0	1696.63	1562.61	1415.72	1298.67	1140.66	1010.16	888.43	742.12	629.18
225.0	1486.53	1151.25	1151.25	1121.06	957.19	833.77	716.14	605.59	476.20
270.0	1580.75	1464.88	1315.64	1190.99	1061.66	901.31	778.99	666.63	557.78
315.0	1316.81	1152.19	1152.19	1019.17	863.38	743.18	601.85	502.18	410.65
360.0	1138.85	1041.93	919.45	773.55	659.43	553.10	428.33	339.72	245.09
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	181.36	132.96	103.18	95.33	88.25	81.99	75.26	71.40	67.77
45.0	311.98	311.98	146.72	111.37	96.97	90.59	84.74	76.55	71.63
90.0	224.73	165.38	122.02	99.14	88.54	82.52	76.08	71.87	68.30
135.0	347.10	304.96	304.96	127.64	100.01	89.13	82.93	77.95	73.33
180.0	525.59	426.69	319.59	299.11	299.11	123.37	91.88	84.62	78.77
225.0	383.73	304.96	218.05	158.95	114.24	90.30	83.86	76.96	72.45
270.0	434.30	348.85	310.81	310.81	136.12	104.29	90.42	84.39	78.83
315.0	307.95	236.66	174.75	118.27	98.84	91.41	84.92	77.72	72.80
360.0	181.36	132.96	103.18	95.33	88.25	81.99	75.26	71.40	67.77

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	64.49	60.69	57.88	55.13	52.61	49.69	47.46	44.77	42.66
45.0	68.24	64.32	61.33	58.64	55.25	52.73	50.39	48.22	46.06
90.0	64.20	61.21	58.58	55.30	52.73	50.33	48.16	45.53	43.42
135.0	68.82	65.55	62.56	59.11	56.47	53.84	50.80	48.63	46.58
180.0	74.21	69.12	66.07	62.38	59.63	57.29	54.25	51.85	49.63
225.0	68.88	65.72	62.03	59.34	56.94	54.54	51.50	49.28	47.17
270.0	72.04	68.65	65.43	62.38	59.11	56.53	54.13	51.68	48.92
315.0	69.29	65.95	62.03	59.17	55.95	53.49	51.03	48.16	46.00
360.0	64.49	60.69	57.88	55.13	52.61	49.69	47.46	44.77	42.66
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	40.79	38.45	36.58	34.94	33.36	31.49	30.14	28.85	27.68
45.0	43.48	41.49	39.62	37.34	35.70	34.06	32.48	30.67	29.38
90.0	41.43	39.50	37.22	35.58	34.00	32.07	30.67	29.09	27.97
135.0	44.01	41.96	40.15	37.92	36.17	34.53	32.95	31.02	29.79
180.0	47.52	45.00	43.01	41.14	39.39	37.22	35.58	34.00	32.13
225.0	44.65	42.66	40.32	38.57	36.81	35.11	33.65	31.84	30.37
270.0	46.76	44.18	42.19	40.32	38.10	36.34	34.76	33.18	31.37
315.0	43.89	41.90	39.56	37.69	35.99	34.41	32.48	31.02	29.73
360.0	40.79	38.45	36.58	34.94	33.36	31.49	30.14	28.85	27.68
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	26.39	25.34	24.29	23.12	22.36	21.48	20.48	19.90	19.14
45.0	27.92	26.80	25.75	24.46	23.53	22.77	21.95	20.95	20.19
90.0	26.74	25.52	24.52	23.58	22.77	21.71	20.95	20.25	19.61
135.0	28.62	27.39	26.10	25.11	23.88	23.06	22.24	21.24	20.48
180.0	30.78	29.50	27.97	26.80	25.57	24.58	23.58	22.82	21.95
225.0	29.14	27.92	26.45	25.46	24.52	23.29	22.47	21.71	20.78
270.0	30.02	28.79	27.45	26.16	25.22	24.17	23.00	22.18	21.48
315.0	28.15	26.92	25.93	24.70	23.64	22.82	21.83	21.13	20.37
360.0	26.39	25.34	24.29	23.12	22.36	21.48	20.48	19.90	19.14
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	18.43	17.85	17.38	16.80	16.33	15.92	15.45	14.92	14.51
45.0	19.61	18.90	18.14	17.62	16.97	16.50	16.09	15.51	14.98
90.0	18.84	18.26	17.79	17.21	16.68	16.15	15.68	15.22	14.81
135.0	19.90	19.25	18.49	17.91	17.56	17.09	16.50	16.04	15.68
180.0	21.07	20.31	19.72	19.02	18.38	17.85	17.38	16.91	16.50
225.0	20.01	19.31	18.73	18.14	17.62	17.09	16.68	16.27	15.92
270.0	20.54	19.90	19.14	18.49	17.97	17.44	16.91	16.50	16.09
315.0	19.72	19.14	18.32	17.79	17.32	16.74	16.27	15.86	15.27
360.0	18.43	17.85	17.38	16.80	16.33	15.92	15.45	14.92	14.51
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	14.22	13.75	13.34	12.99	12.70	12.47	12.23	12.23	12.23
45.0	14.63	14.28	13.87	13.34	12.99	12.70	12.47	12.29	12.23
90.0	14.46	13.99	13.52	13.11	12.82	12.58	12.41	12.11	12.35
135.0	15.10	14.86	14.28	13.69	13.28	12.99	12.70	12.41	12.23
180.0	15.98	15.57	15.04	14.69	14.10	13.58	13.23	12.87	12.58
225.0	15.45	14.98	14.51	14.16	13.58	13.17	12.82	12.52	12.29
270.0	15.68	15.16	14.81	14.34	13.75	13.34	13.05	12.58	12.41
315.0	14.86	14.51	14.10	13.58	13.17	12.93	12.64	12.41	12.11
360.0	14.22	13.75	13.34	12.99	12.70	12.47	12.23	12.23	12.23

Intensity data(cd)

C/γ(°)	90.0
0.0	12.23
45.0	12.23
90.0	12.17
135.0	12.17
180.0	12.35
225.0	12.17
270.0	12.11
315.0	12.17
360.0	12.23