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NT

Client:

LumCAT: 3-2834-L

Luminaire: 92.70.412.00

Report No: 2024227-B028

Ballast type: AC

Test No: 2024227-C028

Voltage(V): 36.030

LampCAT: P2141-036-1206-P3090-1

Current(A): 0.701

Lamp flux(lm): 3316.0

Power (W): 25.257

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 2802.32, Efficiency(%): 84.51% , Luminous Efficacy(lm/W): 110.95

Central intensity(cd): 6474.988, Maximum intensity(cd): 6474.988

Angle of maximum intensity: C=0.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=35.2

[C90/270]Total=35.2

Field angle(10%Imax): [C0/180]Total=64.8

[C90/270]Total=64.8

Maximum s/h(1/2): C0_180=0.58 C90_270=0.58

Maximum s/h(1/4): C0_180=0.59 C90_270=0.59

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 84.51%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 97.884%

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	6474.988	0.000	0	0.00%	0.00%
1.0	6465.551	6.192	6.192	0.19%	0.22%
2.0	6435.778	18.517	24.709	0.56%	0.88%
3.0	6383.034	30.658	55.367	0.92%	1.98%
4.0	6318.952	42.518	97.885	1.28%	3.49%
5.0	6236.436	54.013	151.898	1.63%	5.42%
6.0	6132.558	65.002	216.9	1.96%	7.74%
7.0	6004.760	75.336	292.236	2.27%	10.43%
8.0	5835.703	84.740	376.976	2.56%	13.45%
9.0	5629.923	92.923	469.899	2.80%	16.77%
10.0	5391.883	99.743	569.642	3.01%	20.33%
11.0	5153.111	105.366	675.008	3.18%	24.09%
12.0	4854.207	109.394	784.402	3.30%	27.99%
13.0	4583.906	112.007	896.409	3.38%	31.99%
14.0	4281.711	113.479	1009.888	3.42%	36.04%
15.0	3969.054	113.270	1123.158	3.42%	40.08%
16.0	3666.566	111.883	1235.042	3.37%	44.07%
17.0	3392.827	109.934	1344.975	3.32%	48.00%
18.0	3119.381	107.372	1452.348	3.24%	51.83%
19.0	2837.229	103.633	1555.98	3.13%	55.52%
20.0	2597.653	99.473	1655.454	3.00%	59.07%
21.0	2365.977	95.312	1750.766	2.87%	62.48%
22.0	2157.417	90.900	1841.665	2.74%	65.72%
23.0	1960.635	86.408	1928.073	2.61%	68.80%
24.0	1778.777	81.757	2009.83	2.47%	71.72%
25.0	1608.111	77.010	2086.84	2.32%	74.47%
26.0	1438.659	71.919	2158.76	2.17%	77.03%
27.0	1301.094	67.029	2225.788	2.02%	79.43%
28.0	1196.800	63.241	2289.03	1.91%	81.68%
29.0	1093.390	59.918	2348.948	1.81%	83.82%
30.0	974.597	55.835	2404.783	1.68%	85.81%
31.0	833.207	50.309	2455.091	1.52%	87.61%
32.0	702.833	44.006	2499.097	1.33%	89.18%
33.0	574.940	37.644	2536.741	1.14%	90.52%
34.0	454.076	31.141	2567.882	0.94%	91.63%
35.0	342.093	24.726	2592.608	0.75%	92.52%
36.0	264.288	19.307	2611.915	0.58%	93.21%
37.0	188.004	14.751	2626.666	0.44%	93.73%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	159.335	11.594	2638.26	0.35%	94.15%
39.0	103.643	8.976	2647.236	0.27%	94.47%
40.0	93.921	6.890	2654.127	0.21%	94.71%
41.0	86.533	6.426	2660.553	0.19%	94.94%
42.0	80.212	6.058	2666.611	0.18%	95.16%
43.0	74.967	5.748	2672.359	0.17%	95.36%
44.0	70.073	5.474	2677.833	0.17%	95.56%
45.0	65.721	5.219	2683.052	0.16%	95.74%
46.0	62.019	4.996	2688.048	0.15%	95.92%
47.0	58.764	4.804	2692.851	0.14%	96.09%
48.0	55.662	4.626	2697.477	0.14%	96.26%
49.0	52.941	4.460	2701.937	0.13%	96.42%
50.0	50.680	4.320	2706.257	0.13%	96.57%
51.0	48.457	4.194	2710.452	0.13%	96.72%
52.0	46.408	4.071	2714.522	0.12%	96.87%
53.0	44.558	3.957	2718.479	0.12%	97.01%
54.0	42.743	3.848	2722.327	0.12%	97.15%
55.0	41.017	3.739	2726.066	0.11%	97.28%
56.0	39.217	3.626	2729.692	0.11%	97.41%
57.0	37.513	3.508	2733.2	0.11%	97.53%
58.0	35.830	3.392	2736.592	0.10%	97.65%
59.0	34.170	3.273	2739.864	0.10%	97.77%
60.0	32.568	3.153	2743.017	0.10%	97.88%
61.0	31.112	3.039	2746.056	0.09%	97.99%
62.0	29.634	2.927	2748.983	0.09%	98.10%
63.0	28.310	2.818	2751.801	0.08%	98.20%
64.0	27.045	2.716	2754.518	0.08%	98.29%
65.0	25.808	2.616	2757.133	0.08%	98.39%
66.0	24.718	2.521	2759.654	0.08%	98.48%
67.0	23.694	2.434	2762.089	0.07%	98.56%
68.0	22.787	2.355	2764.443	0.07%	98.65%
69.0	21.851	2.277	2766.72	0.07%	98.73%
70.0	21.046	2.203	2768.923	0.07%	98.81%
71.0	20.220	2.133	2771.056	0.06%	98.88%
72.0	19.444	2.062	2773.119	0.06%	98.96%
73.0	18.749	1.997	2775.116	0.06%	99.03%
74.0	18.142	1.939	2777.055	0.06%	99.10%
75.0	17.491	1.883	2778.938	0.06%	99.17%

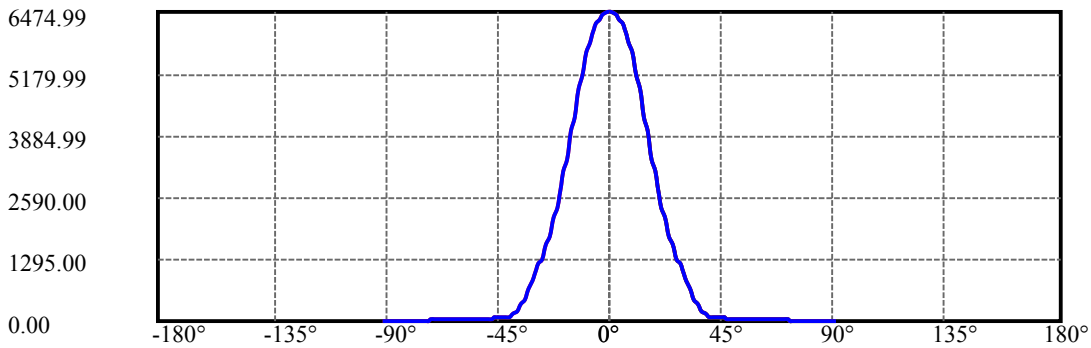
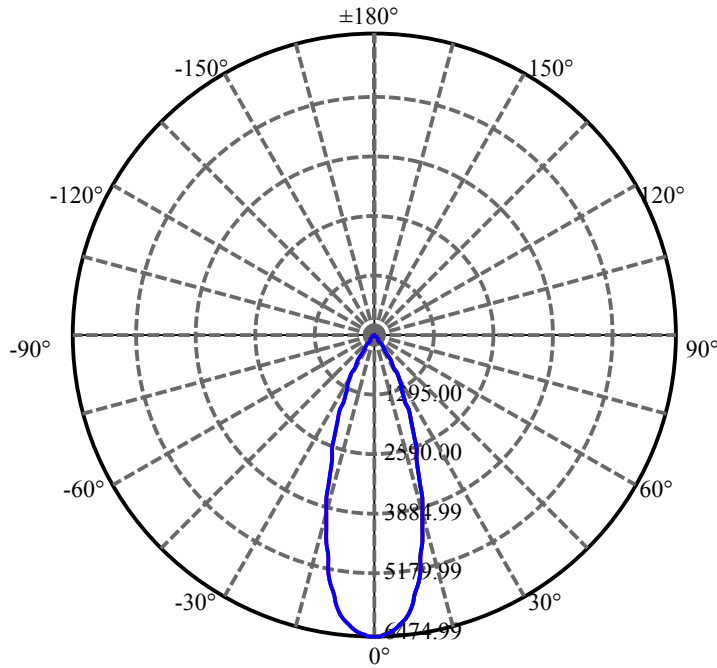
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	16.979	1.830	2780.768	0.06%	99.23%
77.0	16.489	1.784	2782.552	0.05%	99.29%
78.0	16.042	1.741	2784.294	0.05%	99.36%
79.0	15.582	1.699	2785.993	0.05%	99.42%
80.0	15.179	1.658	2787.651	0.05%	99.48%
81.0	14.748	1.618	2789.27	0.05%	99.53%
82.0	14.375	1.579	2790.849	0.05%	99.59%
83.0	14.002	1.543	2792.391	0.05%	99.65%
84.0	13.665	1.507	2793.899	0.05%	99.70%
85.0	13.343	1.474	2795.373	0.04%	99.75%
86.0	13.058	1.443	2796.816	0.04%	99.80%
87.0	12.743	1.412	2798.228	0.04%	99.85%
88.0	12.502	1.383	2799.611	0.04%	99.90%
89.0	12.304	1.360	2800.97	0.04%	99.95%
90.0	12.239	1.346	2802.316	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2404.78	72.52%	85.81%
0-40	2654.13	80.04%	94.71%
0-60	2743.02	82.72%	97.88%
0-90	2800.97	84.47%	99.95%
0-120	2800.97	84.47%	99.95%
0-180	2802.32	84.51%	100.00%
60-90	57.95	1.75%	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%
0-27.25	2241.85	67.61%	80.00%

ZONAL LUMEN SUMMARY

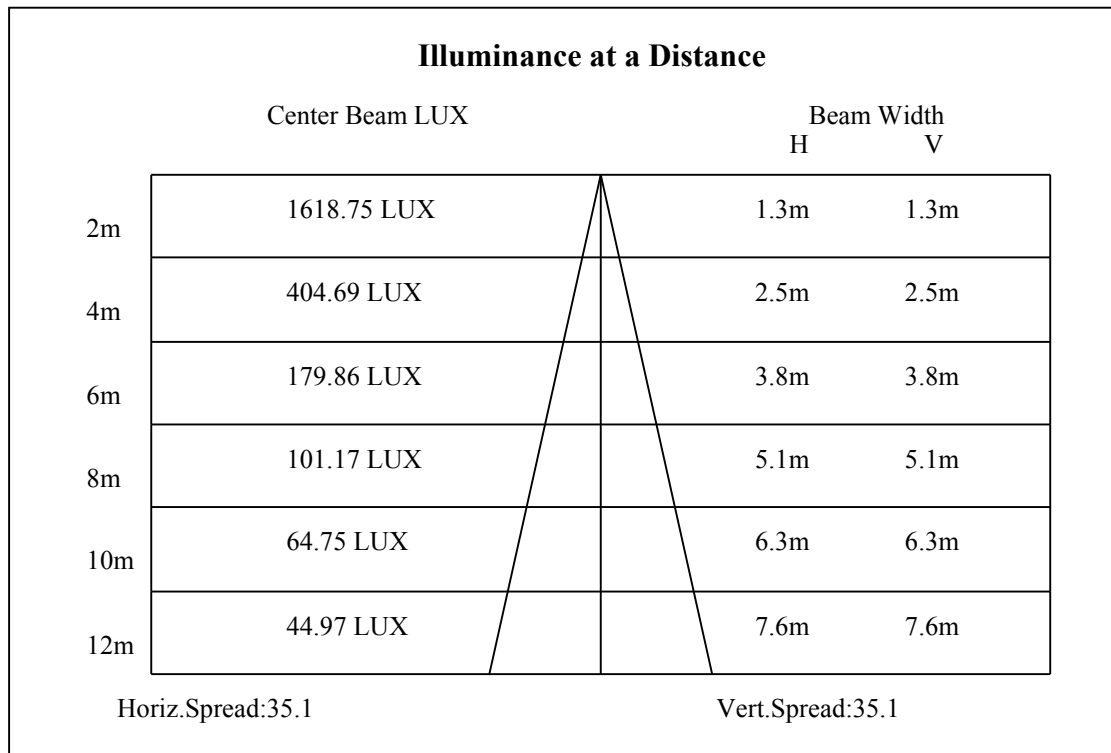
0-10	569.64
10-20	1085.81
20-30	749.33
30-40	249.34
40-50	52.13
50-60	36.76
60-70	25.91
70-80	18.73
80-90	13.32
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

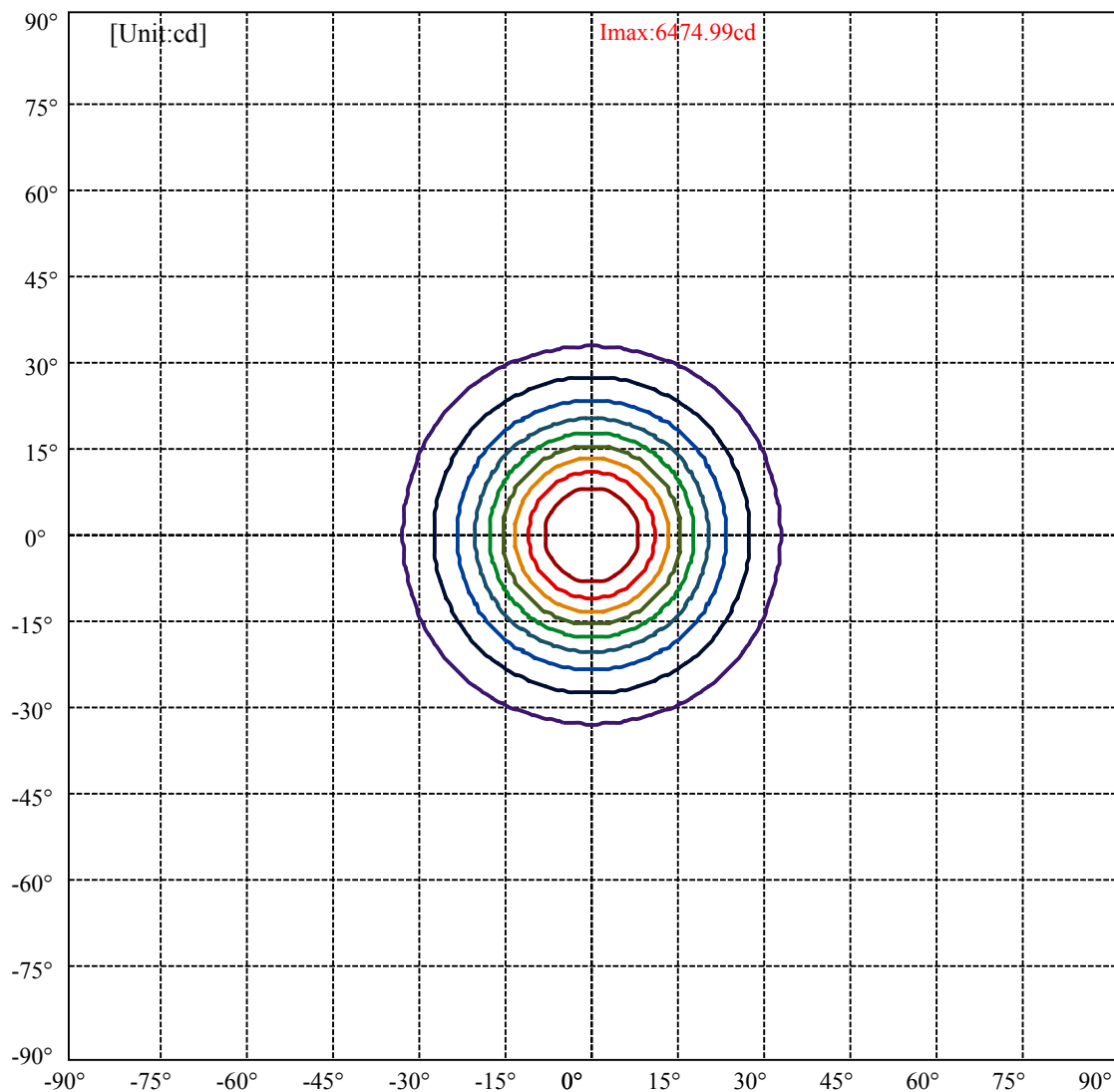


C0(Max): —————
C0/C180: —————
C90/C270: —————

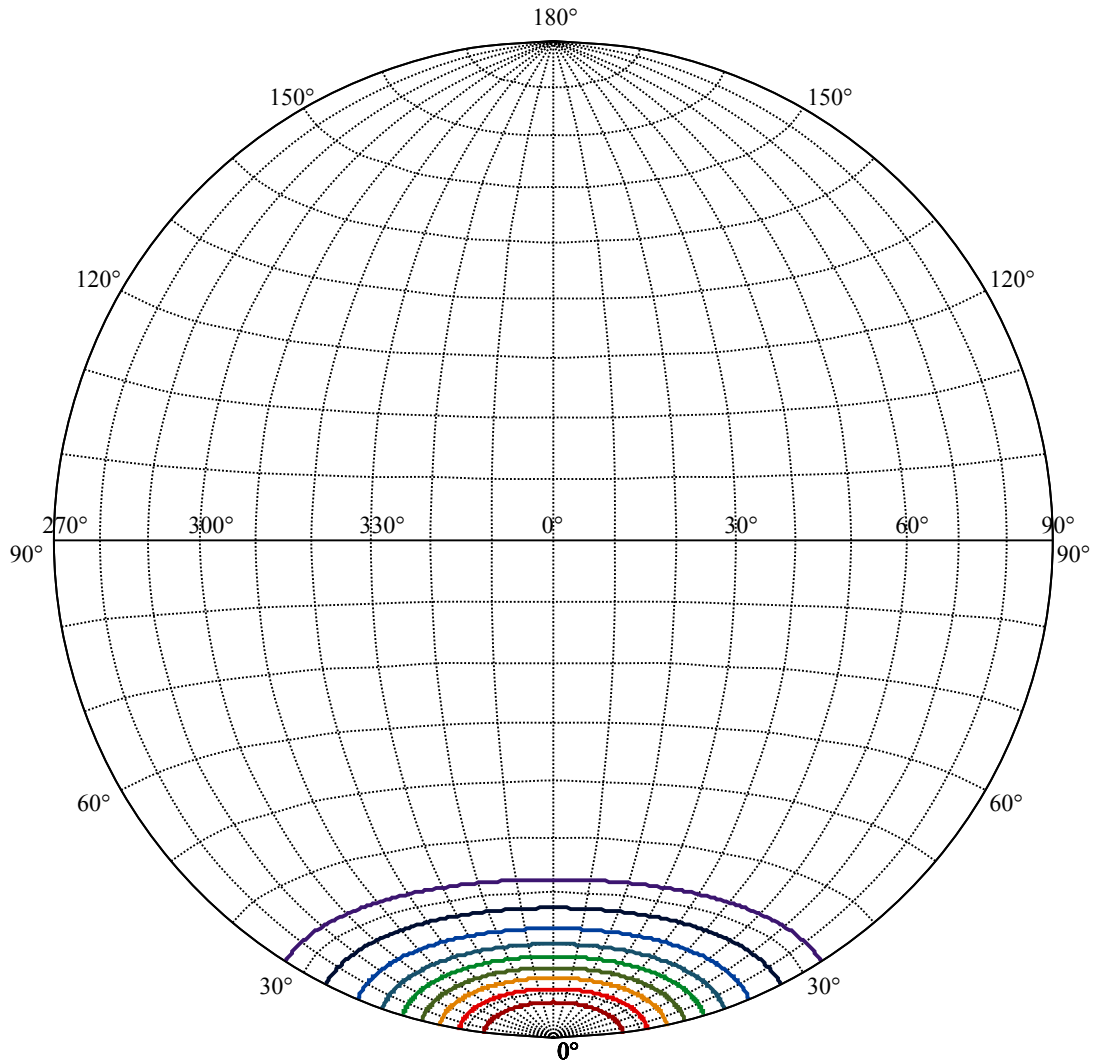
Field angle(10%Imax):C0/180Left:32.4 Right:32.4
:C90/270Left:32.4 Right:32.4

Beam Angle(50%Imax):C0/180Left:17.6 Right:17.6
:C90/270Left:17.6 Right:17.6





(10%Imax) 647.499	—
(20%Imax) 1295	—
(30%Imax) 1942.5	—
(40%Imax) 2590	—
(50%Imax) 3237.49	—
(60%Imax) 3884.99	—
(70%Imax) 4532.49	—
(80%Imax) 5179.99	—
(90%Imax) 5827.49	—



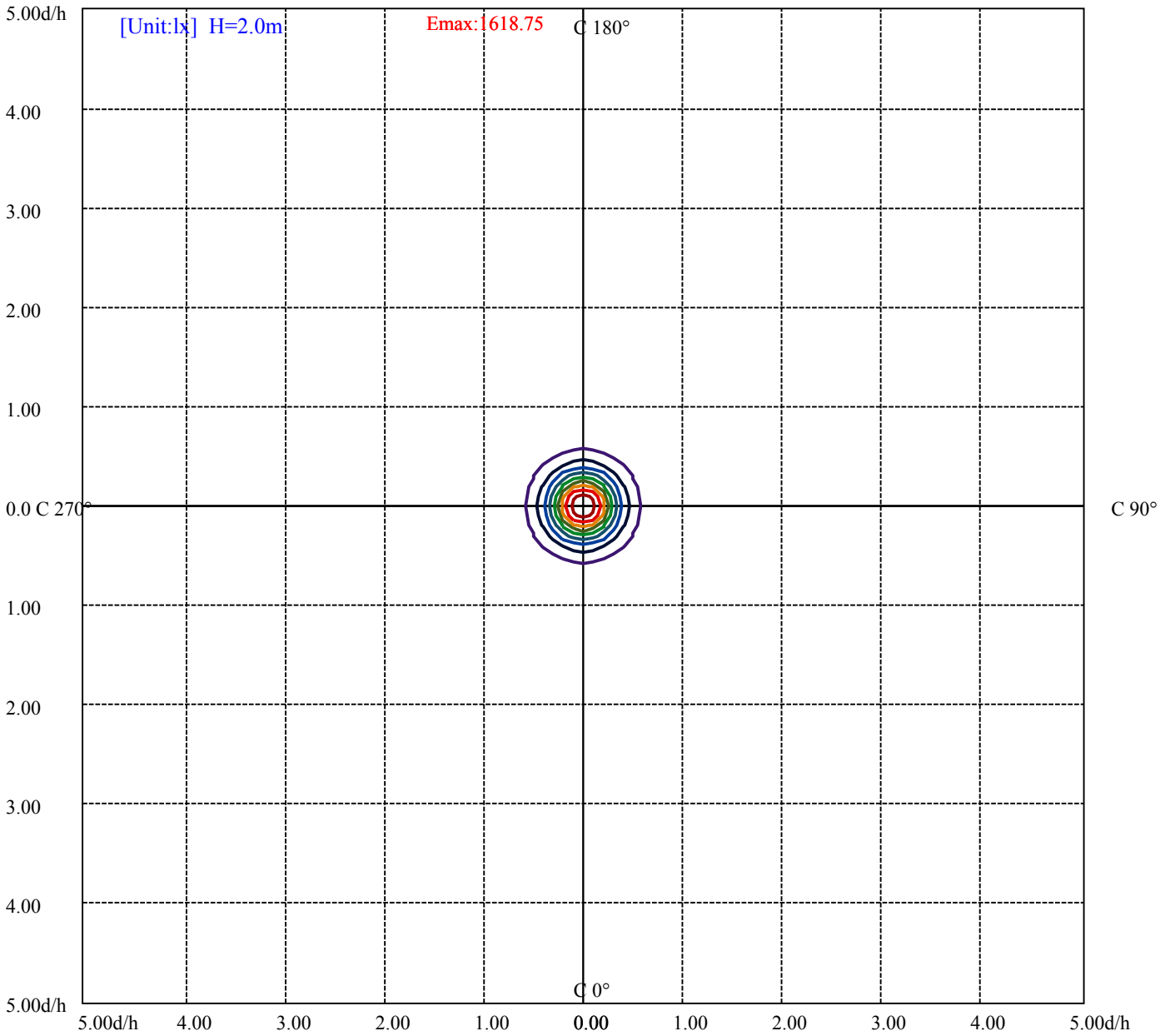
House

[Unit:cd]

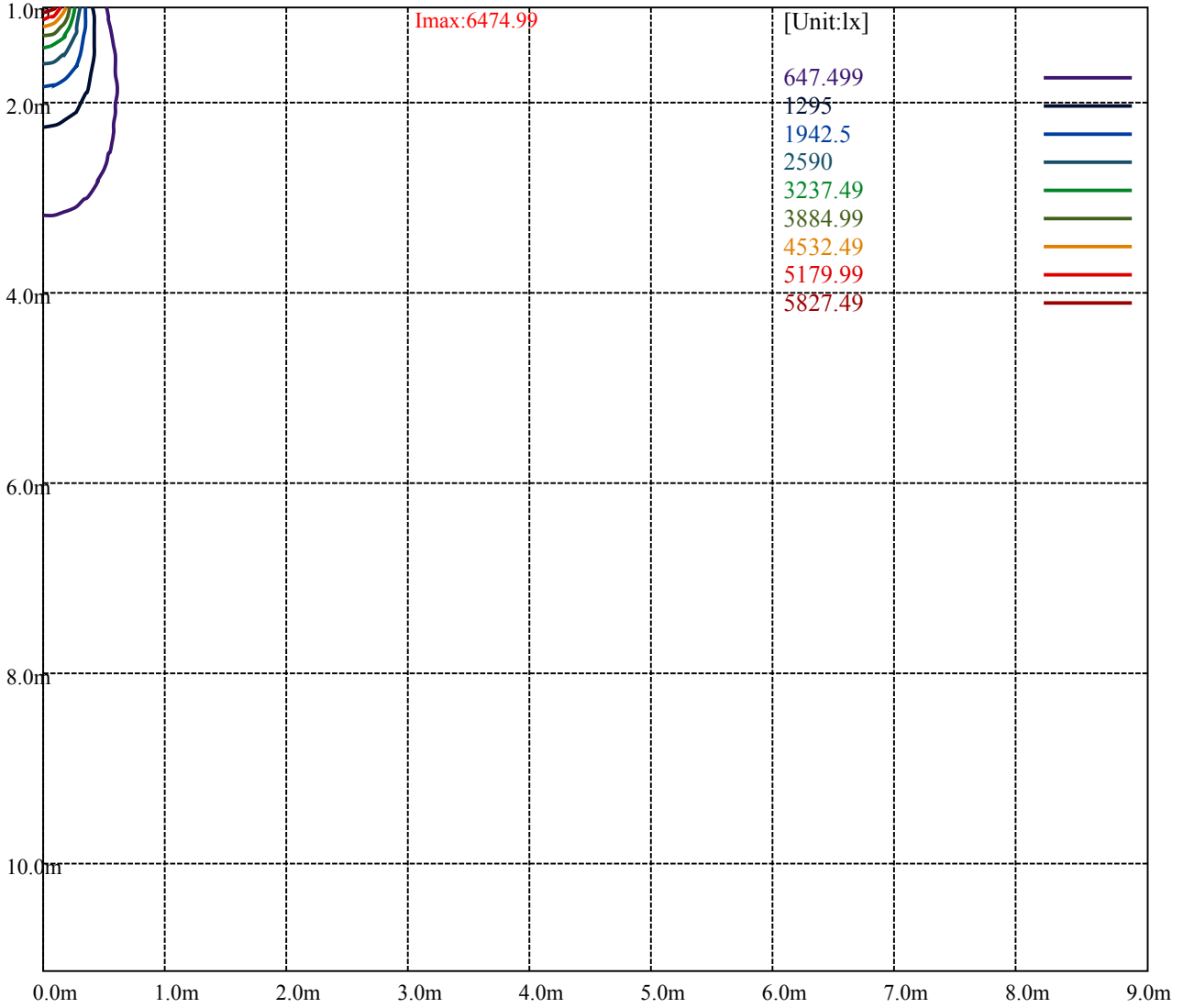
Road

Imax:6474.99

(10%Imax) 647.499	—
(20%Imax) 1295	—
(30%Imax) 1942.5	—
(40%Imax) 2590	—
(50%Imax) 3237.49	—
(60%Imax) 3884.99	—
(70%Imax) 4532.49	—
(80%Imax) 5179.99	—
(90%Imax) 5827.49	—



- (10%E_max) 161.8748
- (20%E_max) 323.75
- (30%E_max) 485.625
- (40%E_max) 647.4975
- (50%E_max) 809.3725
- (60%E_max) 971.2475
- (70%E_max) 1133.123
- (80%E_max) 1294.998
- (90%E_max) 1456.873



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

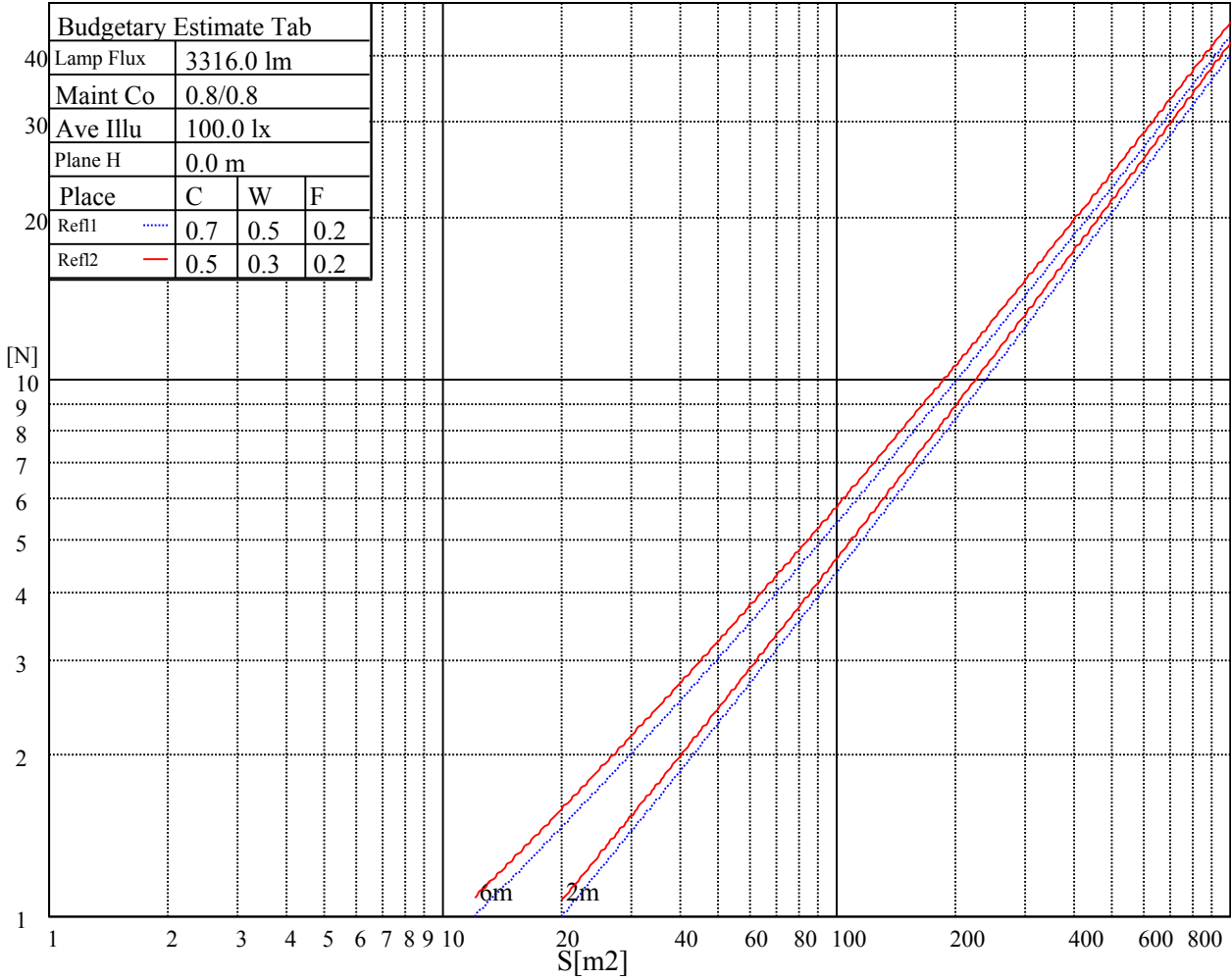
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

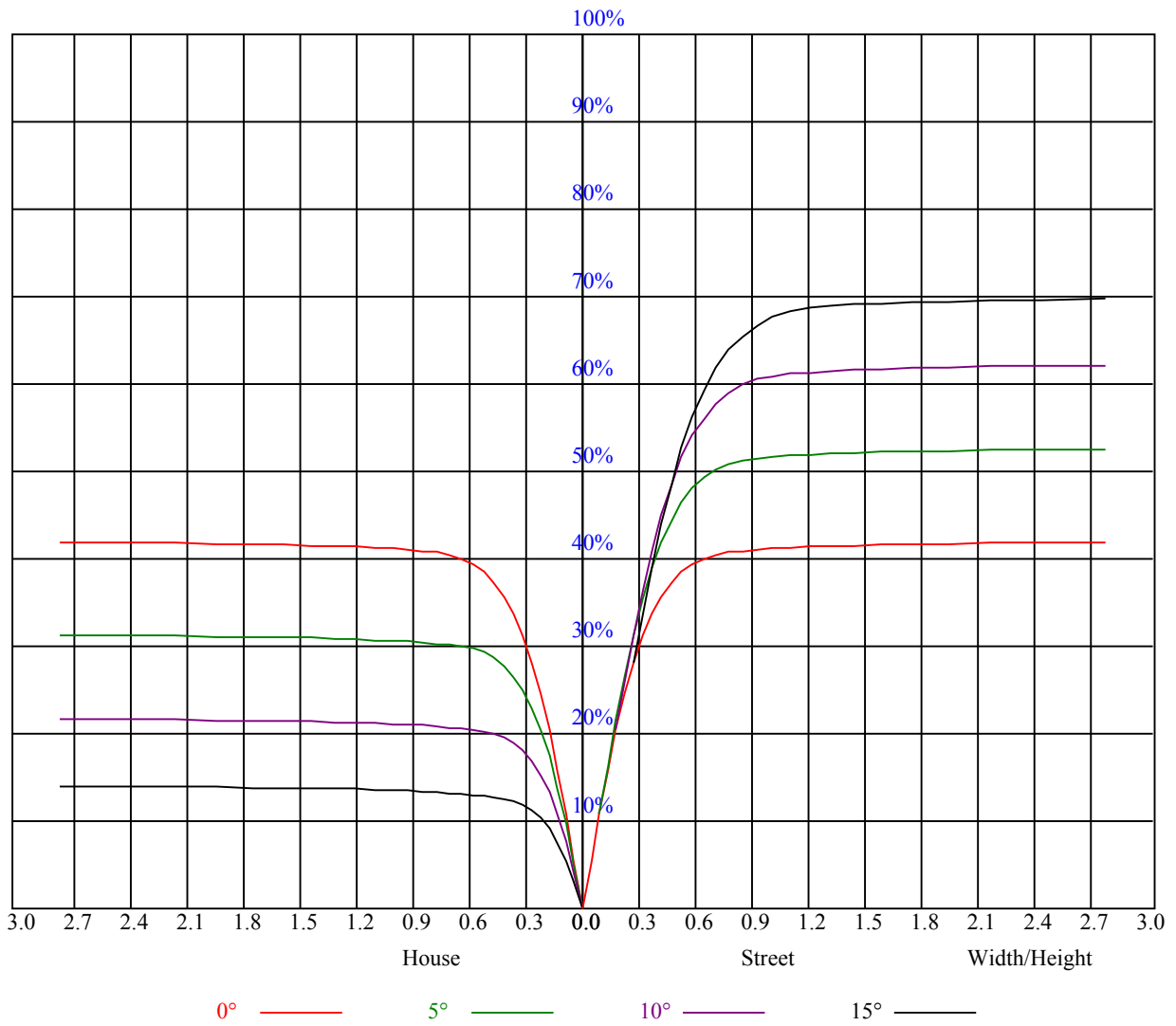


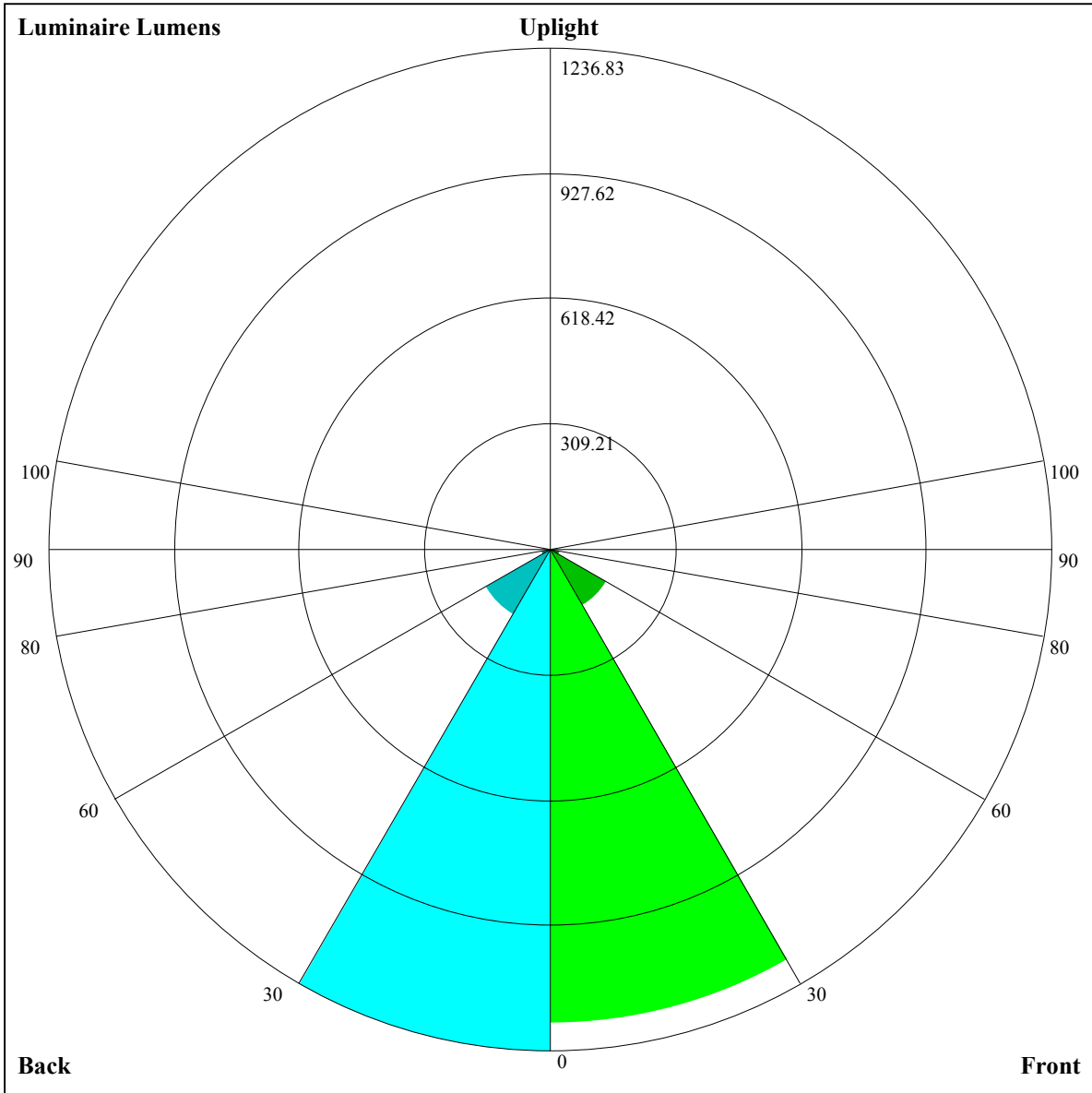
Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	3H	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	0.98	0.98	0.98	0.94	0.94	0.94	0.90	0.90	0.90	0.86	0.86	0.86	0.85
1	0.94	0.92	0.90	0.92	0.90	0.89	0.89	0.87	0.86	0.86	0.85	0.84	0.83	0.82	0.81	0.80
2	0.88	0.85	0.83	0.87	0.84	0.82	0.84	0.82	0.80	0.82	0.80	0.78	0.79	0.78	0.77	0.75
3	0.83	0.80	0.77	0.82	0.79	0.76	0.80	0.77	0.75	0.78	0.76	0.74	0.76	0.74	0.73	0.71
4	0.79	0.75	0.72	0.78	0.74	0.71	0.76	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	0.69	0.66	0.70	0.68	0.66	0.65
6	0.72	0.67	0.64	0.71	0.67	0.64	0.70	0.66	0.64	0.69	0.66	0.63	0.68	0.65	0.63	0.62
7	0.68	0.64	0.61	0.68	0.64	0.61	0.67	0.63	0.61	0.66	0.63	0.60	0.65	0.62	0.60	0.59
8	0.65	0.61	0.58	0.65	0.61	0.58	0.64	0.60	0.58	0.63	0.60	0.58	0.63	0.60	0.57	0.56
9	0.63	0.58	0.56	0.62	0.58	0.56	0.62	0.58	0.55	0.61	0.58	0.55	0.60	0.57	0.55	0.54
10	0.60	0.56	0.53	0.60	0.56	0.53	0.59	0.56	0.53	0.59	0.55	0.53	0.58	0.55	0.53	0.52





Luminaire Lumens:

FL=1167.58,FM=159.41,FH=21.92,FVH=7.28

BL=1236.83,BM=184.45,BH=22.77,BVH=7.4

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	6437.53	6391.89	6345.07	6271.91	6181.20	6046.60	5904.98	5724.14	5521.07
45.0	6487.28	6465.62	6424.66	6363.21	6291.81	6201.69	6103.96	5973.45	5779.74
90.0	6480.84	6438.70	6381.94	6311.71	6225.10	6130.88	5971.69	5814.27	5622.32
135.0	6494.30	6483.18	6457.43	6404.76	6340.97	6254.94	6158.38	6034.31	5841.77
180.0	6437.53	6477.91	6491.96	6471.48	6437.53	6371.99	6308.78	6230.36	6119.17
225.0	6487.28	6491.96	6456.26	6414.12	6353.26	6285.38	6200.52	6050.11	5900.30
270.0	6480.84	6497.23	6491.37	6453.33	6405.35	6349.75	6270.74	6189.98	6036.07
315.0	6494.30	6477.91	6437.53	6373.74	6316.39	6250.26	6141.41	6021.44	5865.18
360.0	6437.53	6391.89	6345.07	6271.91	6181.20	6046.60	5904.98	5724.14	5521.07
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	5231.97	4969.20	4695.32	4342.43	4065.03	3784.12	3442.94	3179.00	2930.28
45.0	5590.13	5311.56	5068.69	4803.00	4521.51	4169.79	3885.37	3540.08	3282.00
90.0	5351.94	5109.07	4843.97	4496.34	4217.78	3946.82	3603.87	3334.09	3081.27
135.0	5649.82	5433.87	5206.22	4894.30	4626.26	4347.70	3986.61	3702.19	3368.03
180.0	5942.43	5771.55	5569.06	5282.30	5033.58	4764.96	4423.77	4145.79	3866.05
225.0	5715.95	5446.16	5209.15	4952.82	4682.44	4339.50	4063.86	3784.71	3512.58
270.0	5884.50	5704.83	5490.64	5178.13	4918.29	4643.23	4366.42	4012.95	3735.55
315.0	5672.64	5388.81	5141.85	4884.35	4606.36	4257.57	3979.59	3633.72	3366.86
360.0	5231.97	4969.20	4695.32	4342.43	4065.03	3784.12	3442.94	3179.00	2930.28
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2637.67	2418.79	2212.21	1981.63	1814.84	1659.17	1512.87	1277.02	1145.93
45.0	3025.67	2729.55	2510.09	2297.65	2109.79	1934.23	1735.25	1581.92	1440.30
90.0	2840.74	2551.05	2336.86	2140.81	1961.73	1753.98	1597.14	1425.08	1149.21
135.0	3111.70	2871.76	2577.39	2360.27	2165.39	1983.97	1779.73	1622.89	1479.51
180.0	3591.00	3269.71	3005.19	2753.54	2538.18	2288.29	2091.65	1907.89	1718.28
225.0	3179.00	2925.01	2685.07	2400.65	2197.58	1973.44	1813.67	1660.34	1515.79
270.0	3465.76	3139.79	2892.83	2649.37	2377.24	2178.27	1947.10	1781.48	1626.40
315.0	3103.51	2792.17	2561.59	2343.88	2094.58	1913.74	1752.81	1608.26	1433.86
360.0	2637.67	2418.79	2212.21	1981.63	1814.84	1659.17	1512.87	1277.02	1145.93
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1145.93	1021.33	869.00	745.64	625.49	481.35	370.80	249.95	170.53
45.0	1289.89	1186.89	1071.61	914.77	791.28	672.48	526.18	414.40	310.23
90.0	1149.21	1064.76	937.30	821.07	667.80	547.01	430.20	324.45	232.51
135.0	1352.51	1244.83	1111.99	995.53	840.44	716.96	595.82	444.83	336.56
180.0	1564.36	1434.44	1292.82	1189.82	1045.86	922.96	790.11	668.97	517.98
225.0	1270.00	1143.30	1143.30	1027.83	869.53	744.64	625.49	508.79	370.04
270.0	1482.43	1324.42	1220.25	1120.76	1001.96	838.69	711.11	588.79	471.75
315.0	1154.41	1154.41	1100.87	981.36	823.29	698.58	549.82	432.42	327.14
360.0	1145.93	1021.33	869.00	745.64	625.49	481.35	370.80	249.95	170.53
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	122.31	107.68	95.92	89.07	82.58	77.13	71.10	66.83	63.09
45.0	310.23	136.18	116.17	105.40	97.62	88.95	83.28	78.07	71.98
90.0	147.48	122.90	111.90	101.36	93.81	87.43	80.76	75.79	71.34
135.0	309.64	197.86	114.70	104.35	96.62	87.96	82.28	77.48	72.98
180.0	402.69	298.52	298.52	123.25	104.40	95.51	88.78	81.35	76.43
225.0	270.20	184.52	116.81	101.48	90.77	84.39	78.42	73.56	68.18
270.0	339.49	312.57	312.57	109.67	98.49	90.12	81.99	76.20	71.40
315.0	212.26	143.79	108.09	94.57	87.08	80.76	75.08	70.46	65.19
360.0	122.31	107.68	95.92	89.07	82.58	77.13	71.10	66.83	63.09

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	59.63	56.01	53.55	50.62	48.63	46.76	44.54	42.90	41.08
45.0	67.94	64.26	59.99	57.06	53.78	51.44	49.22	47.29	45.12
90.0	66.25	62.68	59.52	55.95	53.31	51.21	48.98	46.64	44.77
135.0	67.94	64.37	61.10	57.47	54.84	52.32	49.74	47.81	46.12
180.0	71.92	66.83	63.44	60.22	56.71	54.19	51.97	49.33	47.52
225.0	64.37	61.04	58.11	54.84	52.49	50.39	47.93	46.17	44.48
270.0	66.01	62.38	59.17	56.42	53.14	51.03	48.87	46.99	44.77
315.0	61.68	58.58	55.25	52.73	50.62	48.11	46.41	44.13	42.60
360.0	59.63	56.01	53.55	50.62	48.63	46.76	44.54	42.90	41.08
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	39.62	37.57	35.99	34.41	32.89	31.13	29.73	28.56	27.10
45.0	43.25	41.49	39.80	37.69	36.11	34.41	32.48	31.02	29.61
90.0	43.01	41.20	38.98	37.28	35.05	33.59	32.07	30.31	29.03
135.0	43.77	42.25	40.56	38.74	36.87	35.05	33.53	32.01	30.08
180.0	45.65	44.01	41.90	40.44	38.86	37.28	35.35	33.77	32.30
225.0	42.43	40.79	39.39	37.34	36.05	34.41	32.60	31.31	29.90
270.0	43.19	41.43	39.50	38.16	36.11	34.70	33.30	31.84	30.20
315.0	41.02	39.39	37.63	36.05	34.70	32.77	31.49	30.08	28.85
360.0	39.62	37.57	35.99	34.41	32.89	31.13	29.73	28.56	27.10
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	25.98	25.05	23.82	22.94	21.83	21.01	20.37	19.61	18.73
45.0	28.09	26.92	25.81	24.52	23.58	22.77	21.83	20.89	20.07
90.0	27.74	26.63	25.22	24.29	23.35	22.41	21.42	20.66	19.78
135.0	28.85	27.56	26.22	25.11	23.99	23.12	22.24	21.48	20.54
180.0	30.49	29.14	27.56	26.51	25.40	24.35	23.23	22.41	21.54
225.0	28.73	27.15	26.10	25.11	24.05	23.06	22.18	21.36	20.54
270.0	28.91	27.74	26.51	25.34	24.29	23.35	22.36	21.48	20.72
315.0	27.68	26.16	25.22	23.94	23.06	22.24	21.19	20.48	19.84
360.0	25.98	25.05	23.82	22.94	21.83	21.01	20.37	19.61	18.73
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	18.14	17.56	17.09	16.50	16.09	15.68	15.33	14.86	14.51
45.0	19.37	18.73	17.97	17.44	16.97	16.39	16.04	15.51	15.10
90.0	18.96	18.32	17.79	17.15	16.68	16.27	15.74	15.33	14.92
135.0	19.66	19.02	18.38	17.62	17.15	16.68	16.15	15.74	15.33
180.0	20.83	19.96	19.20	18.55	17.79	17.26	16.80	16.21	15.80
225.0	19.72	18.84	18.32	17.67	17.21	16.62	16.21	15.74	15.33
270.0	19.96	19.20	18.61	17.79	17.32	16.80	16.27	15.80	15.45
315.0	18.90	18.38	17.79	17.21	16.62	16.21	15.80	15.45	14.98
360.0	18.14	17.56	17.09	16.50	16.09	15.68	15.33	14.86	14.51
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	14.16	13.87	13.52	13.23	12.93	12.64	12.41	12.17	12.17
45.0	14.75	14.28	13.93	13.64	13.28	12.99	12.64	12.47	12.17
90.0	14.46	14.10	13.75	13.46	13.11	12.87	12.58	12.23	12.35
135.0	14.86	14.51	14.05	13.69	13.40	13.05	12.70	12.47	12.17
180.0	15.33	14.92	14.57	14.16	13.81	13.52	13.11	12.87	12.64
225.0	14.81	14.40	14.05	13.69	13.40	13.11	12.82	12.64	12.35
270.0	14.98	14.63	14.22	13.87	13.52	13.23	12.93	12.64	12.41
315.0	14.63	14.28	13.93	13.58	13.28	13.05	12.76	12.52	12.17
360.0	14.16	13.87	13.52	13.23	12.93	12.64	12.41	12.17	12.17

Intensity data(cd)

C/ γ (°)	90.0
0.0	12.17
45.0	12.23
90.0	12.23
135.0	12.41
180.0	12.47
225.0	12.17
270.0	12.11
315.0	12.11
360.0	12.17