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NT

Client:

LumCAT: 2-2683-L

Luminaire: 92.70.412.00

Report No: 2024227-B004

Ballast type: AC

Test No: 2024227-C004

Voltage(V): 35.970

LampCAT: P2141-036-1206-P3090-1

Current(A): 0.701

Lamp flux(lm): 3316.0

Power (W): 25.214

Number of Lamps: 1

PF: 0.000

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

### Photometric Results

Lumens(lm): 2849.70, Efficiency(%): 85.94% , Luminous Efficacy(lm/W): 113.02

Central intensity(cd): 9014.427, Maximum intensity(cd): 9014.427

Angle of maximum intensity: C=0.0  $\gamma$ =0.0

Beam Angle(50%Imax): [C0/180]Total=26.0

[C90/270]Total=26.0

Field angle(10%Imax): [C0/180]Total=60.8

[C90/270]Total=60.8

Maximum s/h(1/2): C0\_180=0.43 C90\_270=0.43

Maximum s/h(1/4): C0\_180=0.47 C90\_270=0.47

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 85.94%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in  $\pi$  solid angle : 97.857%

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	9014.426	0.000	0	0.00%	0.00%
1.0	8967.973	8.604	8.604	0.26%	0.30%
2.0	8857.878	25.585	34.19	0.77%	1.20%
3.0	8686.553	41.961	76.15	1.27%	2.67%
4.0	8424.738	57.277	133.427	1.73%	4.68%
5.0	8106.083	71.115	204.542	2.14%	7.18%
6.0	7722.907	83.186	287.727	2.51%	10.10%
7.0	7313.835	93.333	381.06	2.81%	13.37%
8.0	6860.724	101.445	482.505	3.06%	16.93%
9.0	6366.575	107.200	589.705	3.23%	20.69%
10.0	5871.036	110.746	700.451	3.34%	24.58%
11.0	5424.802	112.869	813.319	3.40%	28.54%
12.0	4935.554	113.254	926.573	3.42%	32.51%
13.0	4485.662	111.806	1038.379	3.37%	36.44%
14.0	4095.244	109.835	1148.214	3.31%	40.29%
15.0	3717.115	107.252	1255.465	3.23%	44.06%
16.0	3360.201	103.702	1359.168	3.13%	47.70%
17.0	3048.057	99.794	1458.962	3.01%	51.20%
18.0	2772.928	95.975	1554.937	2.89%	54.56%
19.0	2509.211	91.898	1646.835	2.77%	57.79%
20.0	2287.849	87.800	1734.635	2.65%	60.87%
21.0	2065.830	83.599	1818.234	2.52%	63.80%
22.0	1899.406	79.683	1897.918	2.40%	66.60%
23.0	1730.715	76.170	1974.087	2.30%	69.27%
24.0	1583.992	72.471	2046.559	2.19%	71.82%
25.0	1449.507	68.975	2115.534	2.08%	74.24%
26.0	1335.761	65.747	2181.28	1.98%	76.54%
27.0	1251.306	63.293	2244.574	1.91%	78.77%
28.0	1140.823	60.564	2305.137	1.83%	80.89%
29.0	1046.609	57.229	2362.367	1.73%	82.90%
30.0	942.768	53.713	2416.079	1.62%	84.78%
31.0	828.203	49.284	2465.363	1.49%	86.51%
32.0	717.925	44.295	2509.658	1.34%	88.07%
33.0	606.293	39.012	2548.67	1.18%	89.44%
34.0	504.654	33.621	2582.29	1.01%	90.62%
35.0	407.053	28.314	2610.604	0.85%	91.61%
36.0	326.548	23.358	2633.962	0.70%	92.43%
37.0	250.608	18.824	2652.786	0.57%	93.09%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	203.848	15.169	2667.955	0.46%	93.62%
39.0	157.872	12.347	2680.302	0.37%	94.06%
40.0	122.451	9.777	2690.078	0.29%	94.40%
41.0	87.908	7.491	2697.569	0.23%	94.66%
42.0	77.235	6.000	2703.569	0.18%	94.87%
43.0	72.597	5.550	2709.119	0.17%	95.07%
44.0	68.691	5.333	2714.452	0.16%	95.25%
45.0	65.443	5.155	2719.607	0.16%	95.43%
46.0	63.292	5.035	2724.641	0.15%	95.61%
47.0	61.573	4.966	2729.608	0.15%	95.79%
48.0	59.993	4.914	2734.522	0.15%	95.96%
49.0	58.742	4.876	2739.398	0.15%	96.13%
50.0	57.454	4.845	2744.242	0.15%	96.30%
51.0	56.174	4.807	2749.05	0.14%	96.47%
52.0	55.004	4.771	2753.821	0.14%	96.64%
53.0	53.731	4.730	2758.551	0.14%	96.80%
54.0	52.209	4.669	2763.22	0.14%	96.97%
55.0	50.615	4.590	2767.81	0.14%	97.13%
56.0	48.661	4.486	2772.296	0.14%	97.28%
57.0	46.555	4.354	2776.649	0.13%	97.44%
58.0	44.163	4.195	2780.845	0.13%	97.58%
59.0	41.441	4.002	2784.847	0.12%	97.72%
60.0	38.713	3.787	2788.633	0.11%	97.86%
61.0	36.262	3.578	2792.211	0.11%	97.98%
62.0	33.555	3.364	2795.575	0.10%	98.10%
63.0	31.171	3.148	2798.723	0.09%	98.21%
64.0	29.356	2.970	2801.693	0.09%	98.32%
65.0	27.257	2.802	2804.495	0.08%	98.41%
66.0	25.457	2.630	2807.125	0.08%	98.51%
67.0	23.972	2.485	2809.611	0.07%	98.59%
68.0	22.677	2.363	2811.974	0.07%	98.68%
69.0	21.390	2.248	2814.222	0.07%	98.76%
70.0	20.527	2.153	2816.375	0.06%	98.83%
71.0	19.707	2.080	2818.454	0.06%	98.90%
72.0	19.034	2.014	2820.469	0.06%	98.97%
73.0	18.486	1.962	2822.431	0.06%	99.04%
74.0	18.010	1.919	2824.349	0.06%	99.11%
75.0	17.469	1.875	2826.224	0.06%	99.18%

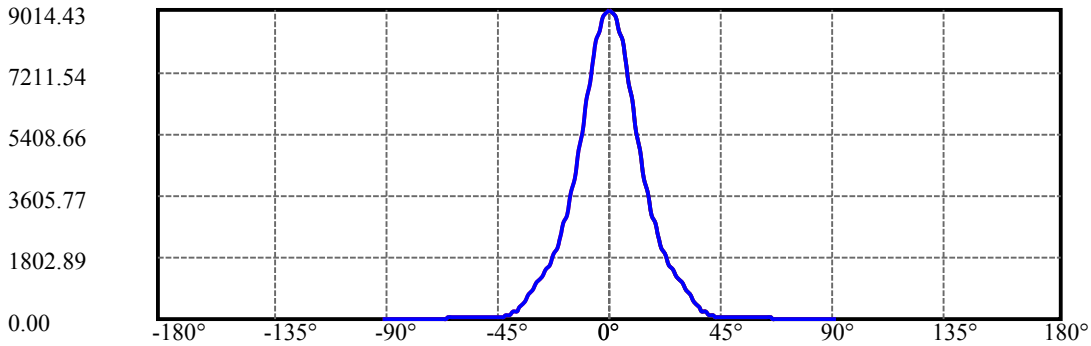
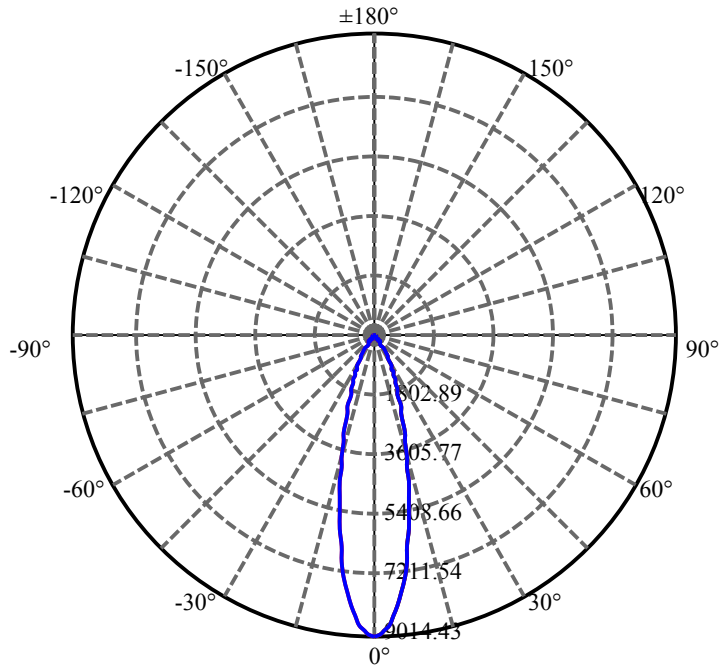
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	17.045	1.832	2828.056	0.06%	99.24%
77.0	16.606	1.794	2829.85	0.05%	99.30%
78.0	16.160	1.754	2831.604	0.05%	99.36%
79.0	15.677	1.711	2833.315	0.05%	99.43%
80.0	15.260	1.668	2834.983	0.05%	99.48%
81.0	14.821	1.627	2836.609	0.05%	99.54%
82.0	14.433	1.586	2838.196	0.05%	99.60%
83.0	14.038	1.548	2839.743	0.05%	99.65%
84.0	13.709	1.512	2841.255	0.05%	99.70%
85.0	13.358	1.477	2842.732	0.04%	99.76%
86.0	13.029	1.442	2844.175	0.04%	99.81%
87.0	12.765	1.412	2845.586	0.04%	99.86%
88.0	12.516	1.385	2846.971	0.04%	99.90%
89.0	12.480	1.370	2848.341	0.04%	99.95%
90.0	12.304	1.359	2849.7	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2416.08	72.86%	84.78%
0-40	2690.08	81.12%	94.40%
0-60	2788.63	84.10%	97.86%
0-90	2848.34	85.90%	99.95%
0-120	2848.34	85.90%	99.95%
0-180	2849.70	85.94%	100.00%
60-90	59.71	1.80%	2.10%
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%
0-27.58	2279.76	68.75%	80.00%

ZONAL LUMEN SUMMARY

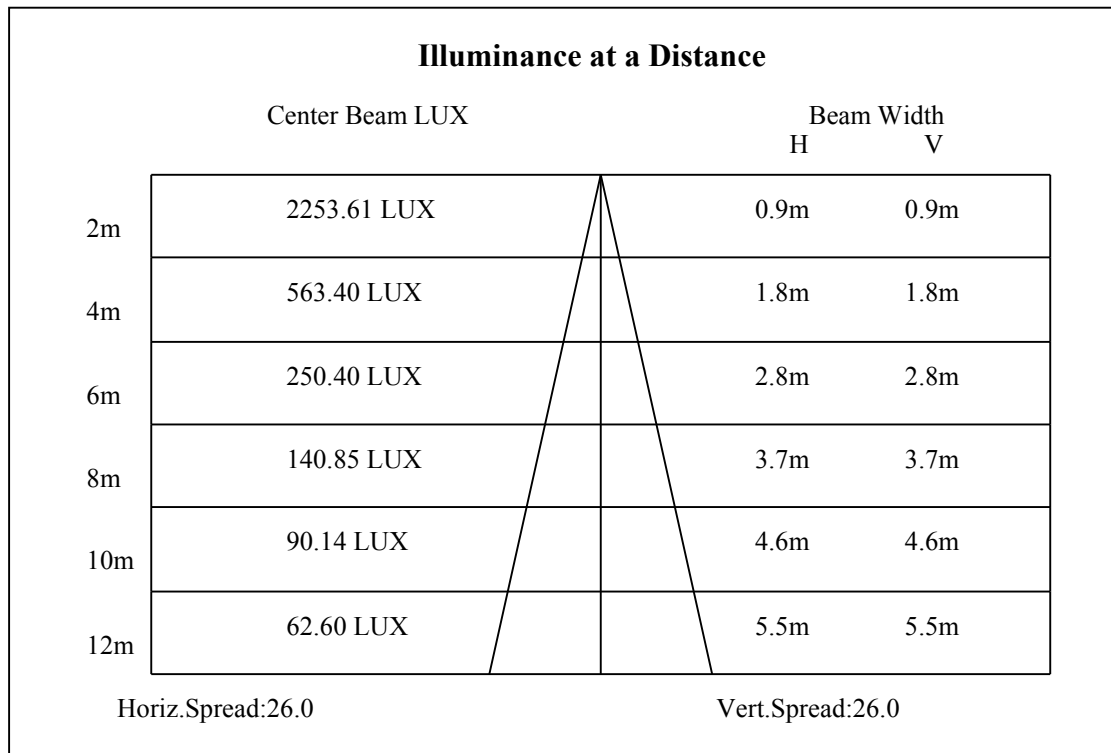
0-10	700.45
10-20	1034.18
20-30	681.44
30-40	274.00
40-50	54.16
50-60	44.39
60-70	27.74
70-80	18.61
80-90	13.36
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

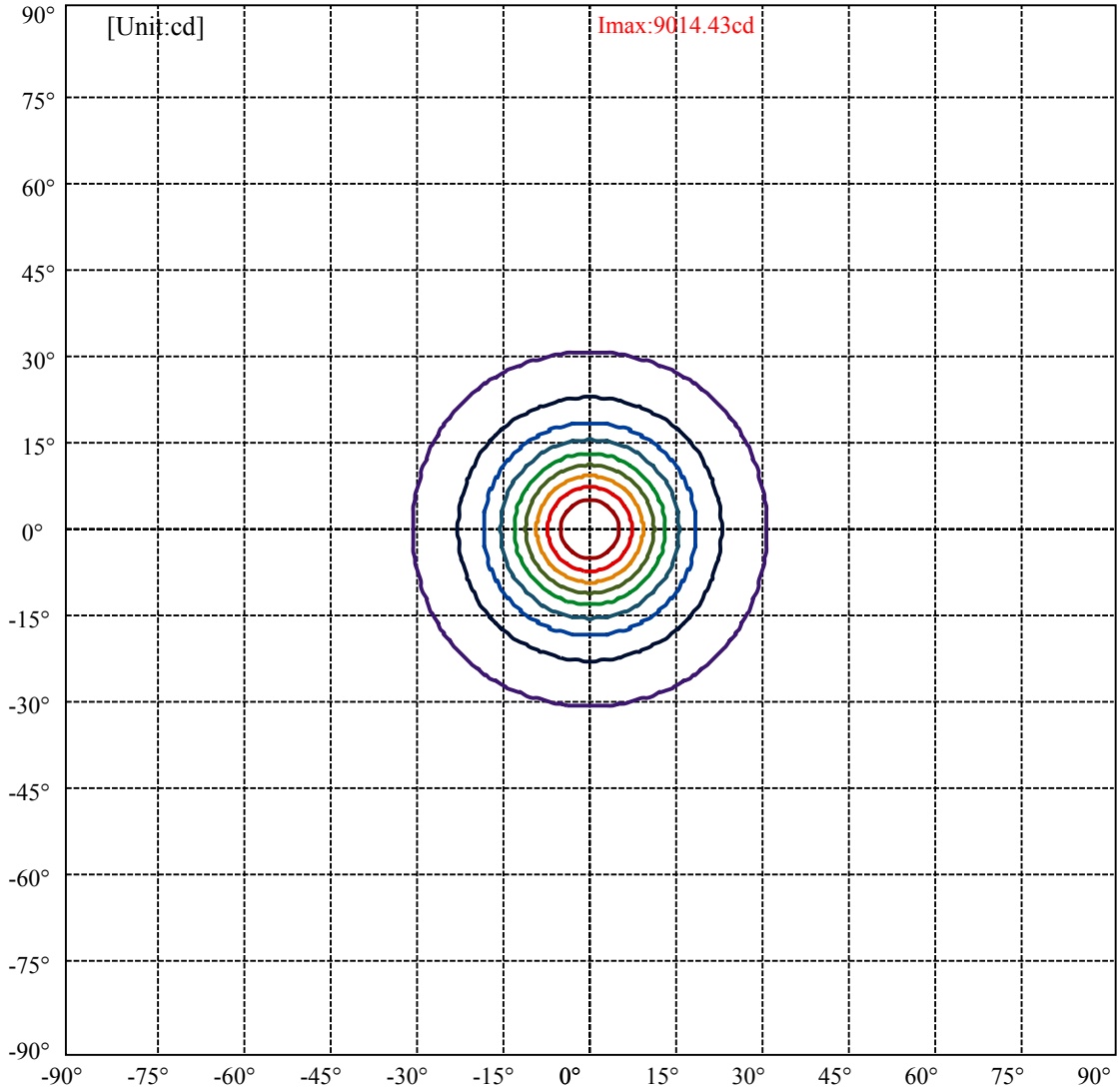


C0(Max): —————  
C0/C180: —————  
C90/C270: —————

Field angle(10%Imax):C0/180Left:30.4 Right:30.4  
:C90/270Left:30.4 Right:30.4

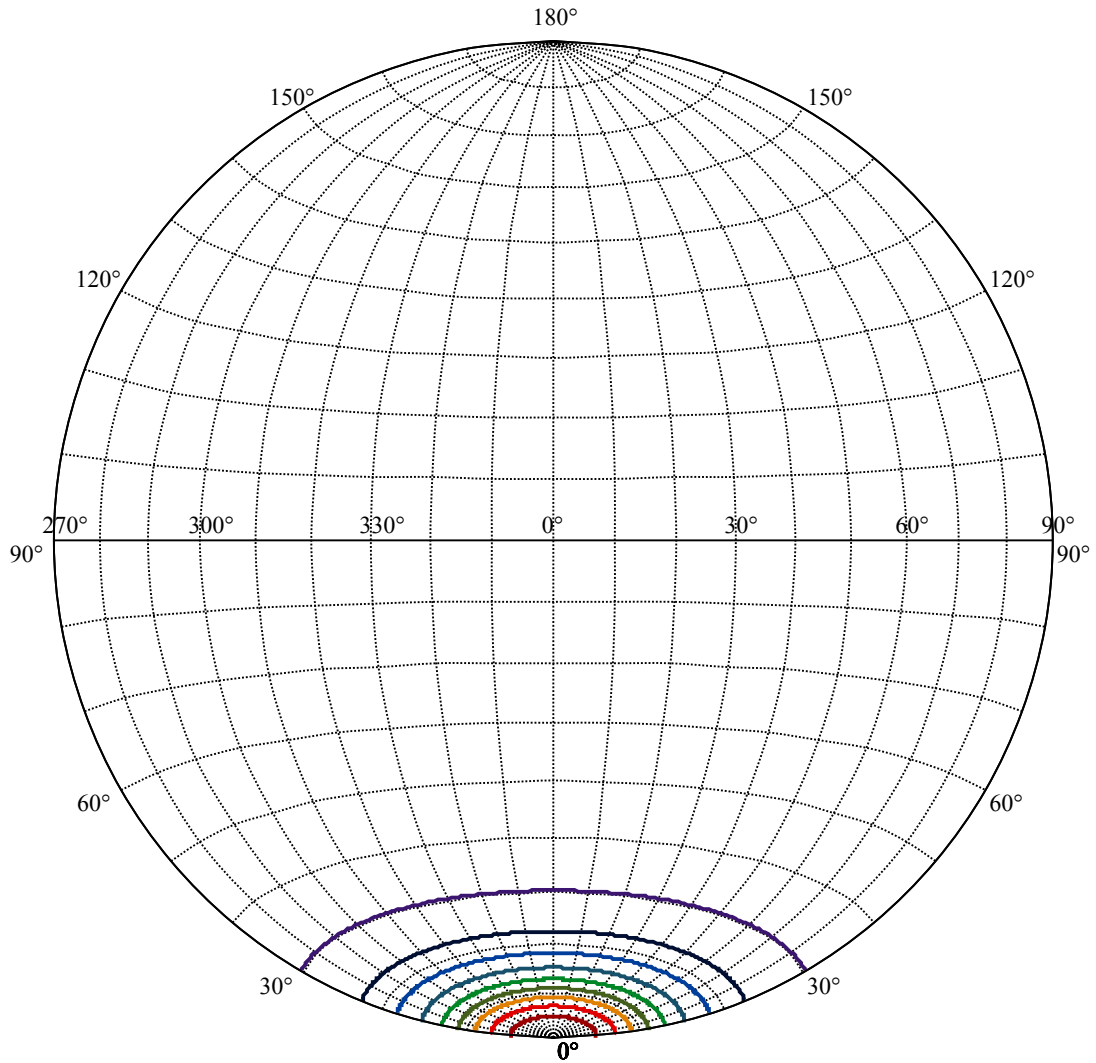
Beam Angle(50%Imax):C0/180Left:13.0 Right:13.0  
:C90/270Left:13.0 Right:13.0





(10%Imax) 901.443	—
(20%Imax) 1802.89	—
(30%Imax) 2704.33	—
(40%Imax) 3605.77	—
(50%Imax) 4507.21	—
(60%Imax) 5408.66	—
(70%Imax) 6310.1	—
(80%Imax) 7211.54	—
(90%Imax) 8112.98	—





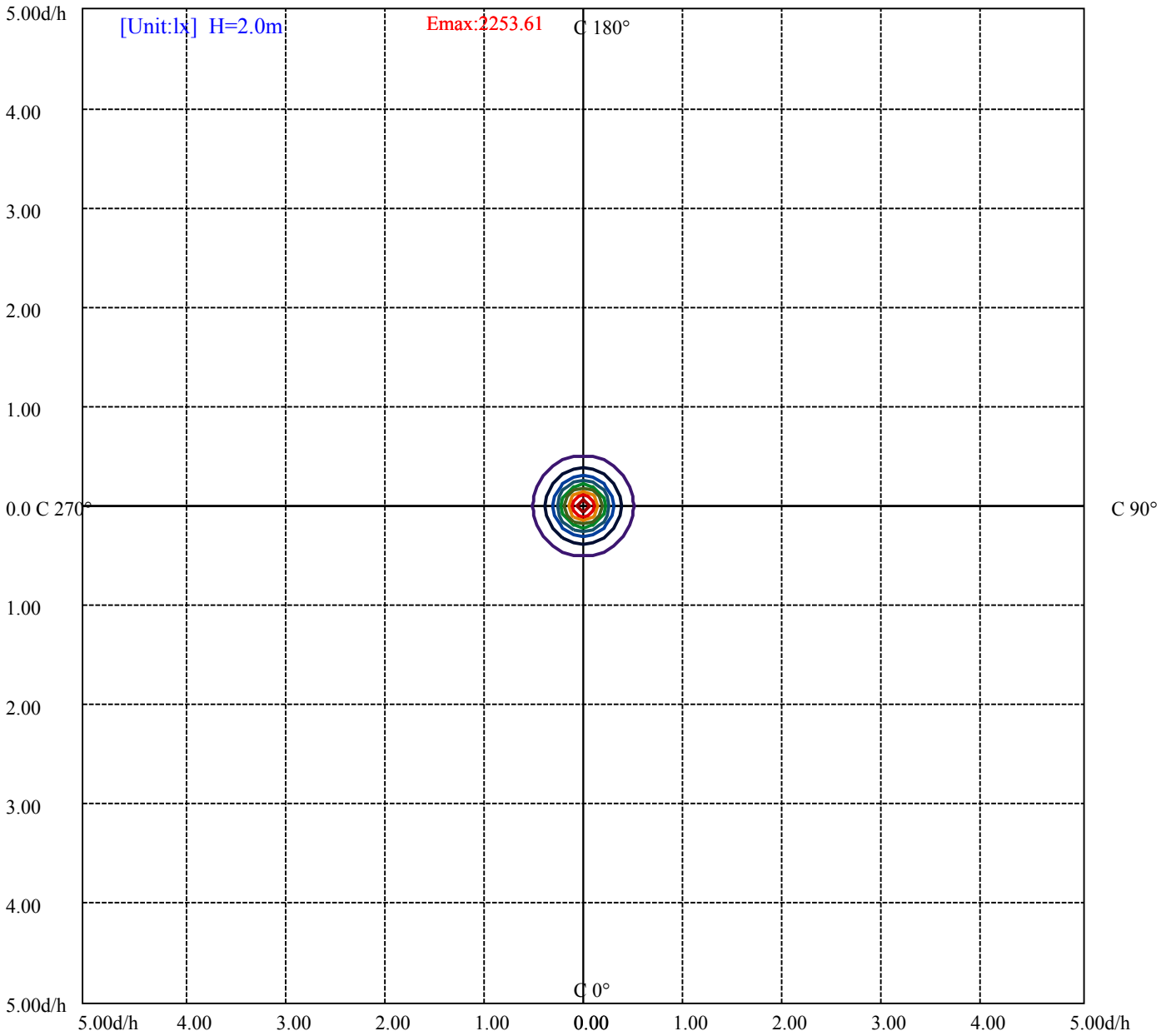
House

[Unit:cd]

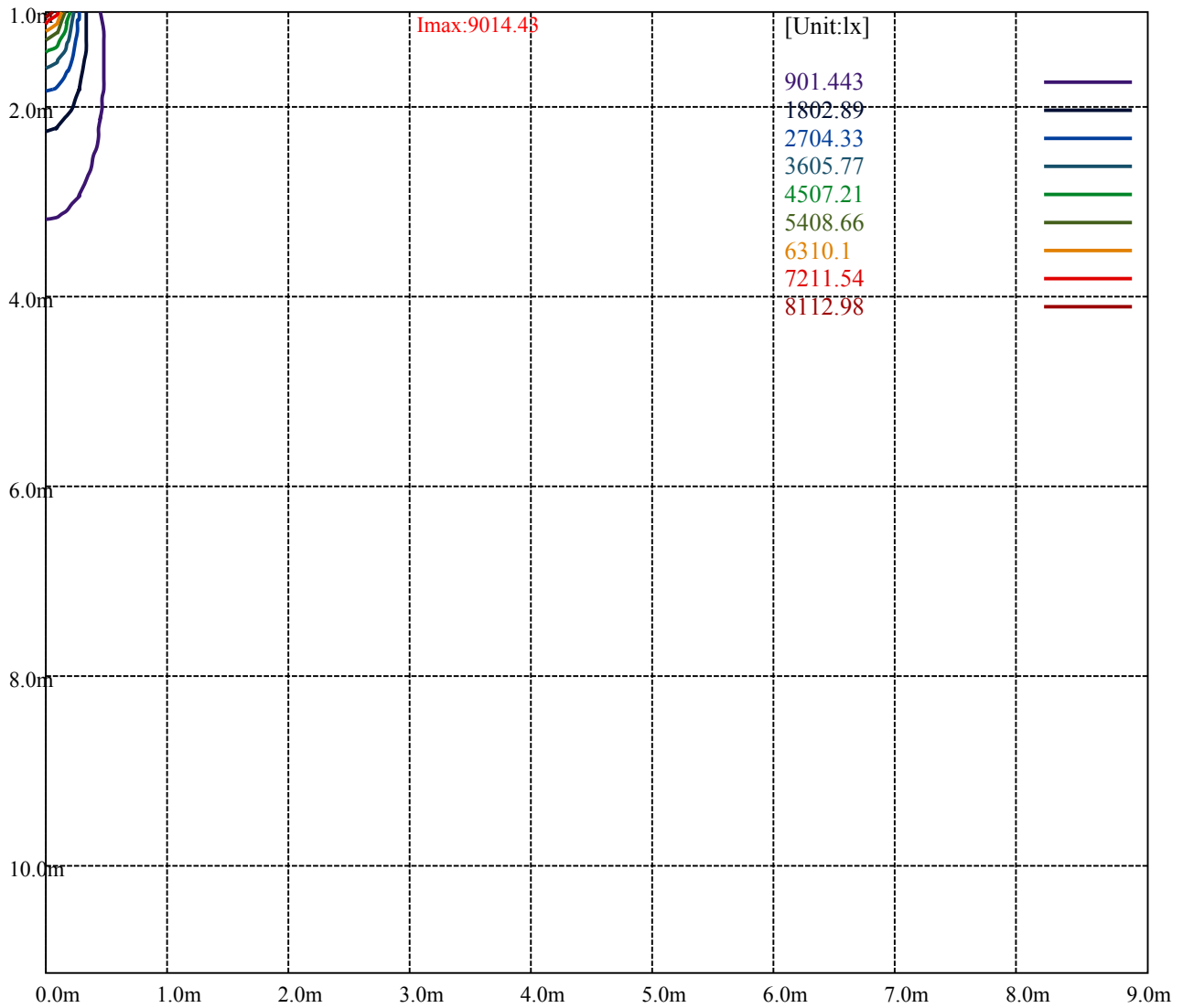
Road

**Imax:9014.43**

(10%Imax)	901.443	—
(20%Imax)	1802.89	—
(30%Imax)	2704.33	—
(40%Imax)	3605.77	—
(50%Imax)	4507.21	—
(60%Imax)	5408.66	—
(70%Imax)	6310.1	—
(80%Imax)	7211.54	—
(90%Imax)	8112.98	—



- (10%Emax) 225.3605
- (20%Emax) 450.72
- (30%Emax) 676.0825
- (40%Emax) 901.4425
- (50%Emax) 1126.802
- (60%Emax) 1352.162
- (70%Emax) 1577.522
- (80%Emax) 1802.885
- (90%Emax) 2028.245



Luminance Table

$\gamma$	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

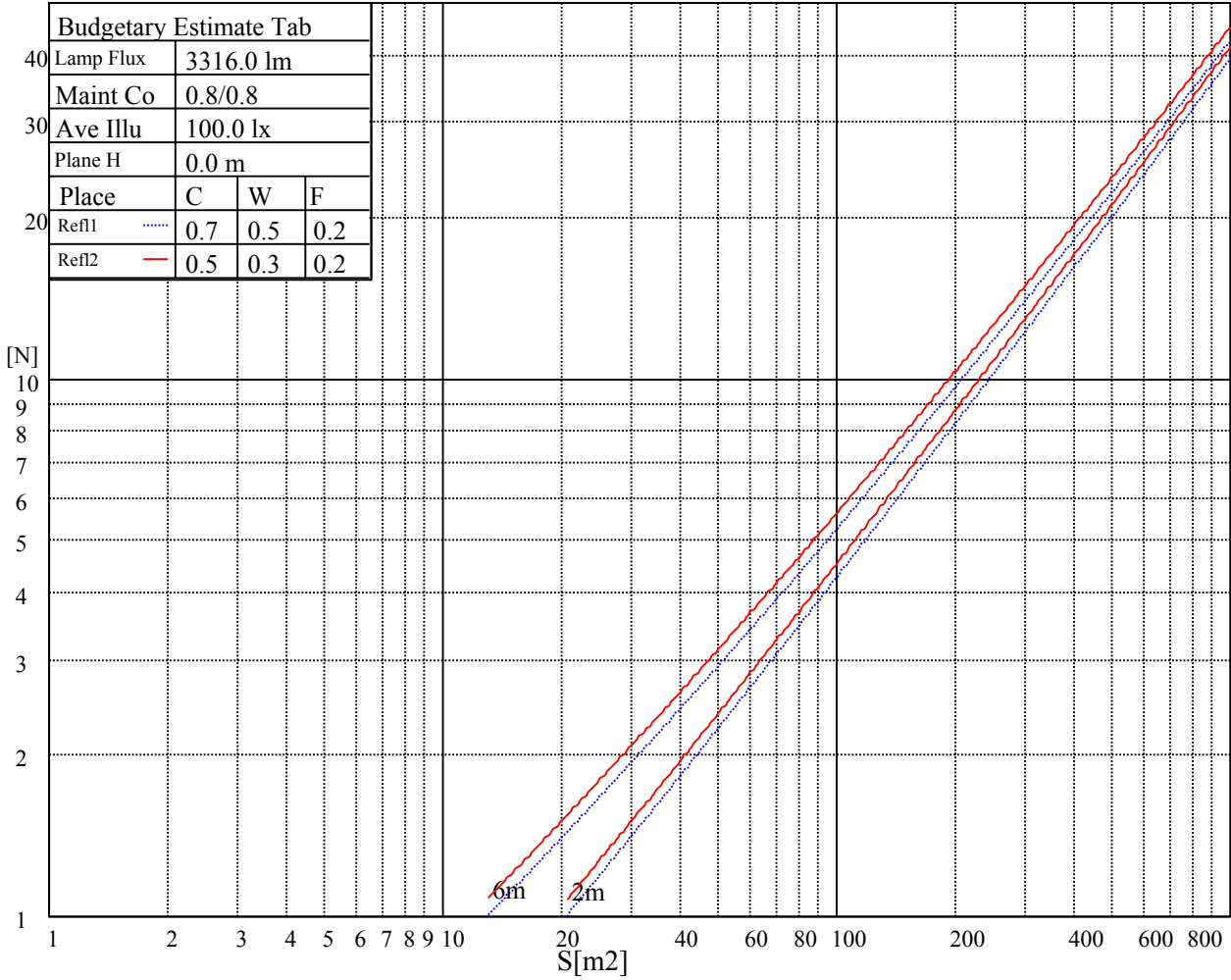
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

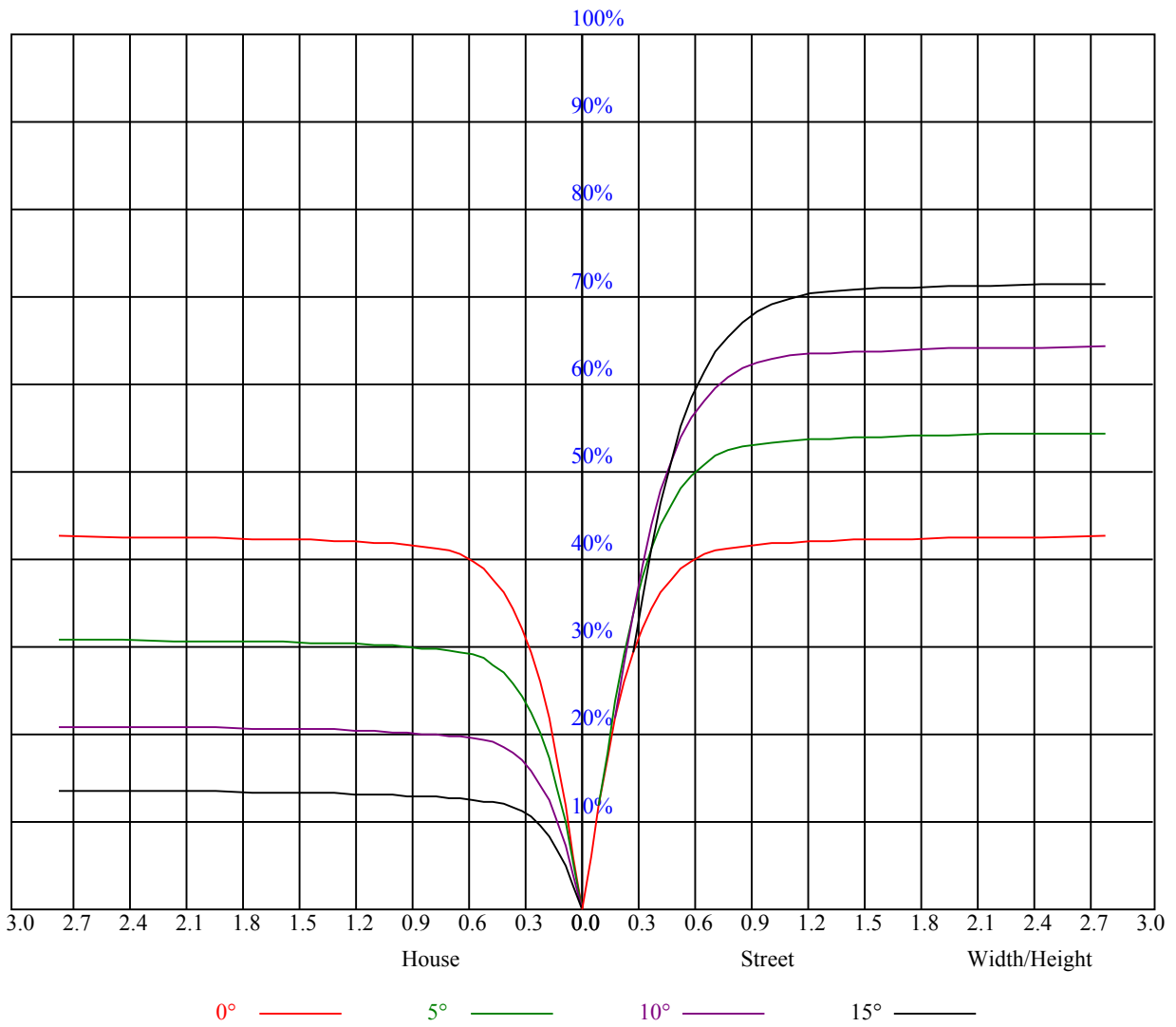


Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	
	3H	非数字	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				

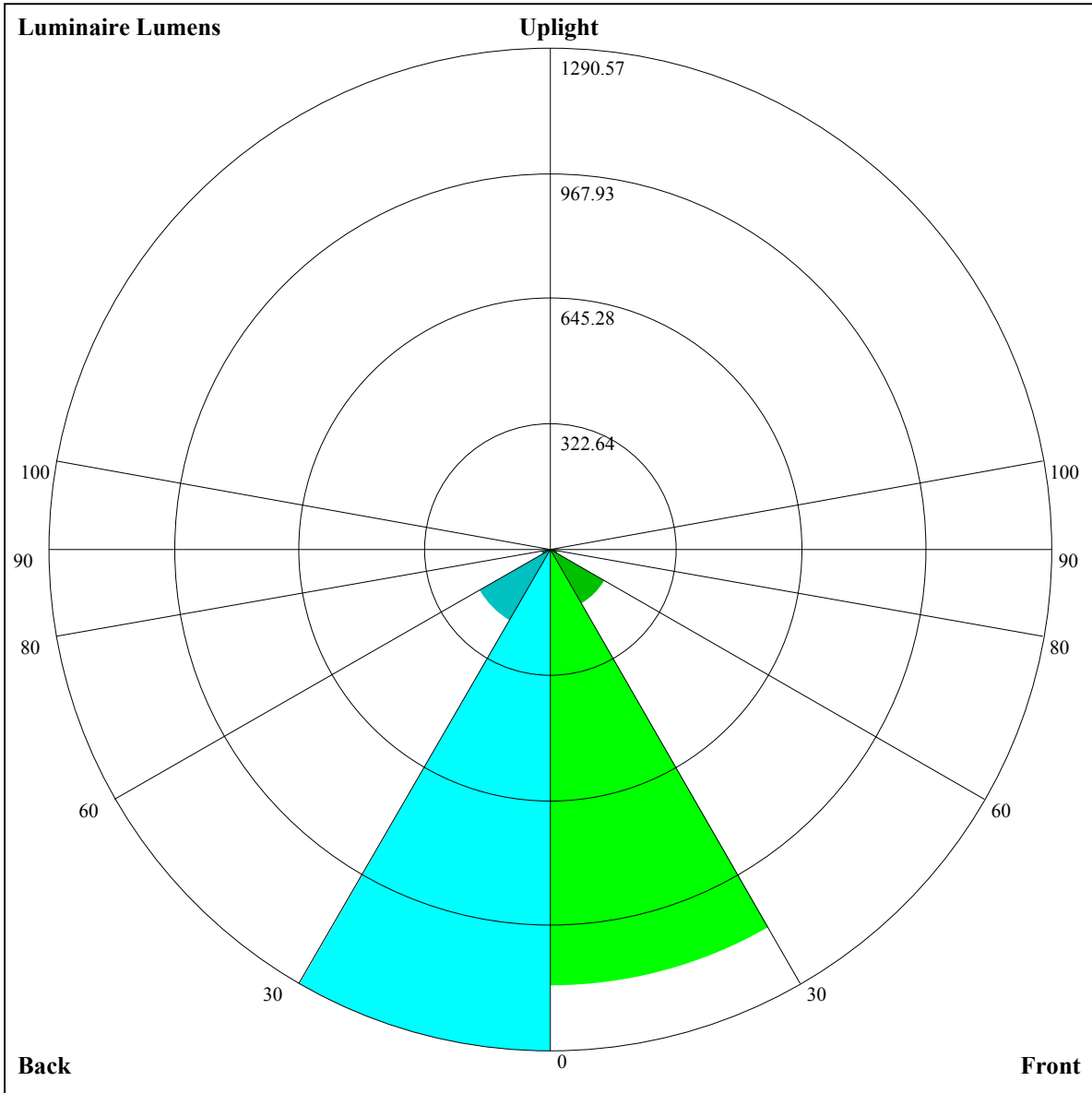
UGR calculation is based on CIE Publ. 117 ,S/H = 0.25



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	1.02	1.02	1.02	1.00	1.00	1.00	0.95	0.95	0.95	0.91	0.91	0.91	0.88	0.88	0.88	0.86
1	0.96	0.94	0.92	0.94	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.81
2	0.90	0.87	0.84	0.89	0.86	0.83	0.86	0.84	0.82	0.83	0.82	0.80	0.81	0.80	0.78	0.77
3	0.85	0.81	0.78	0.84	0.81	0.78	0.82	0.79	0.77	0.80	0.77	0.75	0.78	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	0.69	0.75	0.71	0.69	0.73	0.70	0.68	0.72	0.70	0.67	0.66
6	0.73	0.69	0.66	0.73	0.69	0.66	0.72	0.68	0.65	0.70	0.67	0.65	0.69	0.67	0.65	0.63
7	0.70	0.66	0.63	0.70	0.66	0.63	0.69	0.65	0.62	0.68	0.65	0.62	0.67	0.64	0.62	0.61
8	0.67	0.63	0.60	0.67	0.63	0.60	0.66	0.62	0.60	0.65	0.62	0.60	0.65	0.62	0.59	0.58
9	0.65	0.61	0.58	0.64	0.60	0.58	0.64	0.60	0.57	0.63	0.60	0.57	0.62	0.59	0.57	0.56
10	0.62	0.58	0.55	0.62	0.58	0.55	0.61	0.58	0.55	0.61	0.57	0.55	0.60	0.57	0.55	0.54







Luminaire Lumens:

FL=1121.97,FM=162.31,FH=22.07,FVH=7.23

BL=1290.57,BM=212.5,BH=24.26,BVH=7.49

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	8877.34	8604.04	8306.74	7947.41	7551.80	7011.05	6546.39	6077.62	5616.46
45.0	9058.76	8924.15	8741.56	8499.87	8079.09	7685.82	7261.53	6807.98	6237.97
90.0	9004.92	8833.44	8630.37	8343.61	7997.74	7629.05	7100.59	6635.92	6172.43
135.0	9116.69	9103.82	9041.78	8908.94	8640.91	8350.63	8008.28	7639.00	7122.83
180.0	8877.34	9036.52	9121.96	9158.83	9102.65	8935.27	8746.83	8470.61	8127.66
225.0	9058.76	9110.84	9078.07	8984.43	8800.09	8567.17	8279.24	7825.69	7424.22
270.0	9004.92	9090.36	9090.94	9004.33	8848.08	8635.05	8283.92	7940.39	7559.41
315.0	9116.69	9040.61	8851.59	8645.00	8377.55	8034.61	7556.48	7113.47	6624.81
360.0	8877.34	8604.04	8306.74	7947.41	7551.80	7011.05	6546.39	6077.62	5616.46
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	5058.16	4643.23	4257.57	3794.66	3470.44	3177.83	2830.21	2580.90	2355.59
45.0	5787.93	5231.97	4803.00	4402.12	3936.28	3586.32	3273.22	2988.80	2665.17
90.0	5601.25	5150.62	4722.24	4214.26	3854.35	3523.70	3146.81	2877.02	2623.04
135.0	6651.14	6169.50	5699.56	5135.99	4697.07	4286.25	3829.19	3486.83	3182.51
180.0	7662.41	7251.58	6789.25	6286.55	5670.89	5208.56	4771.40	4256.40	3883.61
225.0	6987.06	6388.96	5920.19	5454.36	4897.22	4496.34	4121.21	3765.98	3363.93
270.0	7032.12	6565.70	6094.59	5510.54	5051.72	4635.04	4250.55	3785.29	3447.03
315.0	6152.53	5566.72	5112.00	4685.96	4307.31	3847.91	3514.33	3140.38	2863.56
360.0	5058.16	4643.23	4257.57	3794.66	3470.44	3177.83	2830.21	2580.90	2355.59
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2107.45	1933.06	1785.58	1622.30	1507.60	1408.11	1166.00	1166.00	1113.74
45.0	2439.86	2230.35	2045.42	1844.69	1702.48	1573.14	1463.71	1350.76	1266.49
90.0	2396.55	2143.15	1968.17	1811.33	1675.56	1518.13	1415.13	1160.91	1160.91
135.0	2850.10	2602.55	2376.07	2116.23	1944.18	1789.68	1649.81	1493.55	1391.14
180.0	3545.35	3167.88	2897.51	2580.32	2401.24	2141.98	1963.49	1808.40	1636.93
225.0	3076.00	2802.12	2553.40	2278.92	2085.22	1878.63	1736.42	1604.75	1465.46
270.0	3157.35	2872.93	2562.17	2331.59	2125.01	1914.33	1768.02	1596.55	1487.70
315.0	2610.75	2321.65	2114.48	1941.25	1753.98	1621.72	1509.35	1415.13	1163.72
360.0	2107.45	1933.06	1785.58	1622.30	1507.60	1408.11	1166.00	1166.00	1113.74
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1007.70	898.38	764.42	661.01	533.08	438.16	351.84	255.39	191.31
45.0	1140.66	1040.00	930.57	797.72	691.79	590.55	467.65	379.87	297.94
90.0	1108.65	975.75	873.10	764.83	632.45	533.55	437.57	349.26	253.11
135.0	1306.87	1217.91	1095.01	990.26	887.84	755.00	653.17	554.27	435.47
180.0	1515.21	1412.79	1308.62	1220.25	1116.67	1006.65	872.04	762.61	658.44
225.0	1371.83	1148.97	1148.97	1097.30	964.22	859.52	748.62	618.29	515.70
270.0	1395.82	1294.58	1215.57	1113.74	1009.57	874.38	762.61	656.68	552.51
315.0	1163.72	1138.20	1036.61	897.03	790.00	685.59	556.84	460.86	351.95
360.0	1007.70	898.38	764.42	661.01	533.08	438.16	351.84	255.39	191.31
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	138.70	100.95	82.05	76.31	71.28	67.30	64.37	62.62	60.98
45.0	297.94	146.36	103.76	87.90	81.76	75.14	70.70	68.06	65.43
90.0	187.39	135.60	100.37	86.96	80.53	75.55	69.99	67.59	64.43
135.0	351.19	310.23	310.23	127.29	98.73	87.61	81.52	76.55	70.93
180.0	530.86	437.81	332.47	312.57	312.57	129.86	91.88	83.39	77.72
225.0	398.77	319.77	245.27	166.96	120.15	93.69	84.51	78.48	72.63
270.0	432.54	347.10	307.89	307.89	132.61	97.73	83.39	77.66	72.86
315.0	275.00	207.05	148.76	97.09	81.99	76.37	71.51	66.42	64.55
360.0	138.70	100.95	82.05	76.31	71.28	67.30	64.37	62.62	60.98

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	59.22	58.35	56.77	56.12	55.07	53.90	52.09	50.91	49.33
45.0	63.67	61.98	60.69	59.34	58.29	57.18	55.89	54.54	53.26
90.0	62.38	61.33	60.45	58.82	57.64	56.71	55.71	54.25	52.85
135.0	67.18	64.84	62.85	60.75	59.63	57.94	57.00	56.36	54.89
180.0	73.39	68.12	65.84	63.97	62.62	60.63	59.75	58.17	57.29
225.0	67.83	65.72	63.32	60.80	59.81	58.64	56.83	55.54	54.54
270.0	67.30	65.25	63.38	61.51	59.75	58.64	57.00	56.36	55.07
315.0	62.56	60.75	59.28	58.64	57.12	56.01	55.13	53.90	52.61
360.0	59.22	58.35	56.77	56.12	55.07	53.90	52.09	50.91	49.33
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	47.52	44.54	42.08	39.44	36.28	33.24	31.49	29.20	27.15
45.0	51.21	49.74	47.46	44.83	41.90	38.92	35.05	33.18	30.72
90.0	50.97	49.28	46.88	43.95	41.38	37.75	34.70	32.42	30.20
135.0	53.43	52.20	50.68	48.87	46.47	43.72	41.26	38.33	34.76
180.0	56.65	55.01	53.78	52.61	50.97	48.92	46.82	44.30	41.73
225.0	53.20	52.26	50.27	48.57	47.05	44.95	42.14	39.15	36.17
270.0	53.61	52.26	50.80	49.04	46.64	44.24	41.79	39.50	35.52
315.0	51.09	49.63	47.34	45.12	42.60	39.80	36.46	34.00	32.19
360.0	47.52	44.54	42.08	39.44	36.28	33.24	31.49	29.20	27.15
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	25.63	23.94	22.41	21.36	20.19	19.49	18.96	18.49	18.02
45.0	28.38	27.04	24.99	23.53	22.30	21.24	20.37	19.72	19.08
90.0	28.27	26.92	24.52	23.17	22.12	21.07	20.01	19.37	18.84
135.0	32.89	30.61	28.32	26.92	24.64	23.29	22.12	21.13	20.01
180.0	38.04	35.41	33.30	30.49	28.73	27.27	24.93	23.53	22.06
225.0	33.53	31.78	29.20	27.33	25.52	23.76	22.18	21.07	20.25
270.0	33.42	31.54	29.03	26.98	25.57	23.64	22.12	21.13	20.13
315.0	29.20	27.62	26.28	23.88	22.71	21.65	20.42	19.78	19.25
360.0	25.63	23.94	22.41	21.36	20.19	19.49	18.96	18.49	18.02
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	17.50	17.09	16.68	16.21	15.86	15.45	15.10	14.57	14.22
45.0	18.49	18.08	17.50	17.03	16.68	16.15	15.68	15.16	14.81
90.0	18.38	17.79	17.38	16.85	16.44	16.04	15.45	15.04	14.69
135.0	19.43	18.90	18.38	17.73	17.32	16.91	16.50	15.92	15.45
180.0	21.01	20.19	19.61	18.84	18.32	17.91	17.44	16.97	16.50
225.0	19.49	18.84	18.38	17.91	17.50	16.97	16.56	16.09	15.68
270.0	19.37	18.84	18.43	17.85	17.44	17.03	16.56	16.15	15.68
315.0	18.61	18.14	17.73	17.32	16.80	16.39	15.98	15.51	15.04
360.0	17.50	17.09	16.68	16.21	15.86	15.45	15.10	14.57	14.22
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	13.87	13.64	13.23	12.93	12.64	12.41	12.17	12.23	12.23
45.0	14.46	14.05	13.69	13.46	13.05	12.64	12.47	12.11	12.41
90.0	14.28	13.93	13.58	13.28	12.99	12.64	12.35	12.11	12.47
135.0	14.98	14.63	14.16	13.81	13.46	13.11	12.87	12.58	12.82
180.0	16.04	15.45	15.04	14.63	14.22	13.87	13.58	13.23	12.93
225.0	15.16	14.75	14.40	14.05	13.69	13.40	13.11	12.82	12.47
270.0	15.16	14.81	14.40	13.99	13.58	13.34	12.99	12.70	12.41
315.0	14.63	14.22	13.81	13.52	13.23	12.82	12.58	12.35	12.11
360.0	13.87	13.64	13.23	12.93	12.64	12.41	12.17	12.23	12.23

Intensity data(cd)

<b>C/γ(°)</b>	<b>90.0</b>
<b>0.0</b>	<b>12.29</b>
<b>45.0</b>	<b>12.23</b>
<b>90.0</b>	<b>12.17</b>
<b>135.0</b>	<b>12.17</b>
<b>180.0</b>	<b>12.64</b>
<b>225.0</b>	<b>12.47</b>
<b>270.0</b>	<b>12.23</b>
<b>315.0</b>	<b>12.23</b>
<b>360.0</b>	<b>12.29</b>