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NT

LumCAT: 2-2685-L  
Luminaire: 92.70.412.00  
LampCAT: P2141-036-1206-P3090-1  
Ballast type:  
Report No: 2024227-B009  
Test No: 2024227-C009  
Number of Lamps: 1  
Lamp flux(lm): 3316.0  
Length(mm): 0  
Phm Type: C  
Voltage(V):  
Current(A):  
Power (W): 25.1860  
PF:  
Width(mm): 0  
Height(mm): 0

### Photometric Results

Lumens(lm): 2817.11, Efficiency(%): 84.96% , Luminous Efficacy(lm/W): 111.85  
Central intensity(cd): 4713.900, Maximum intensity(cd): 4713.900  
Angle of maximum intensity: C=0.0  $\gamma$ =0.0  
Beam Angle(50%Imax): [C0/180]Total=46.0  
[C90/270]Total=46.0  
Field angle(10%Imax): [C0/180]Total=69.6  
[C90/270]Total=69.6  
Maximum s/h(1/2): C0\_180=0.73 C90\_270=0.73  
Maximum s/h(1/4): C0\_180=0.71 C90\_270=0.71  
Up flux rate of lamp(%): 0.00%  
Down flux rate of lamp(%): 84.96%  
Up flux rate of LUM(%): - -  
Down flux rate of LUM(%): 100.00%  
CIE Type : Direct lighting  
Output flux ratio in  $\pi$  solid angle : 97.805%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	4713.900	0.000	0	0.00%	0.00%
1.0	4707.828	4.508	4.508	0.14%	0.16%
2.0	4695.245	13.496	18.004	0.41%	0.64%
3.0	4672.714	22.405	40.409	0.68%	1.43%
4.0	4641.039	31.176	71.585	0.94%	2.54%
5.0	4600.586	39.757	111.342	1.20%	3.95%
6.0	4556.328	48.122	159.465	1.45%	5.66%
7.0	4499.634	56.210	215.675	1.70%	7.66%
8.0	4430.798	63.913	279.588	1.93%	9.92%
9.0	4349.671	71.161	350.749	2.15%	12.45%
10.0	4254.571	77.865	428.614	2.35%	15.21%
11.0	4160.277	84.082	512.696	2.54%	18.20%
12.0	4042.354	89.667	602.362	2.70%	21.38%
13.0	3930.430	94.617	696.979	2.85%	24.74%
14.0	3802.558	98.982	795.961	2.98%	28.25%
15.0	3668.030	102.560	898.52	3.09%	31.90%
16.0	3522.674	105.364	1003.884	3.18%	35.64%
17.0	3365.980	107.275	1111.159	3.24%	39.44%
18.0	3204.385	108.331	1219.49	3.27%	43.29%
19.0	3039.790	108.636	1328.126	3.28%	47.14%
20.0	2881.853	108.383	1436.509	3.27%	50.99%
21.0	2702.189	107.225	1543.733	3.23%	54.80%
22.0	2526.914	105.081	1648.815	3.17%	58.53%
23.0	2364.294	102.631	1751.445	3.10%	62.17%
24.0	2190.702	99.589	1851.034	3.00%	65.71%
25.0	2003.357	95.364	1946.398	2.88%	69.09%
26.0	1805.844	89.917	2036.314	2.71%	72.28%
27.0	1597.811	83.271	2119.585	2.51%	75.24%
28.0	1432.931	76.732	2196.317	2.31%	77.96%
29.0	1246.178	70.093	2266.41	2.11%	80.45%
30.0	1113.427	63.709	2330.119	1.92%	82.71%
31.0	967.260	57.902	2388.022	1.75%	84.77%
32.0	812.300	50.982	2439.004	1.54%	86.58%
33.0	675.050	43.818	2482.822	1.32%	88.13%
34.0	555.196	37.231	2520.053	1.12%	89.46%
35.0	455.700	31.395	2551.447	0.95%	90.57%
36.0	375.524	26.466	2577.914	0.80%	91.51%
37.0	316.073	22.556	2600.47	0.68%	92.31%

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
38.0	273.805	19.689	2620.159	0.59%	93.01%
39.0	219.489	16.837	2636.997	0.51%	93.61%
40.0	193.285	14.396	2651.393	0.43%	94.12%
41.0	144.880	12.042	2663.435	0.36%	94.54%
42.0	123.234	9.741	2673.176	0.29%	94.89%
43.0	103.812	8.410	2681.586	0.25%	95.19%
44.0	89.810	7.308	2688.894	0.22%	95.45%
45.0	78.318	6.461	2695.355	0.19%	95.68%
46.0	69.115	5.766	2701.121	0.17%	95.88%
47.0	62.524	5.236	2706.357	0.16%	96.07%
48.0	57.418	4.849	2711.205	0.15%	96.24%
49.0	53.438	4.552	2715.758	0.14%	96.40%
50.0	49.883	4.308	2720.066	0.13%	96.56%
51.0	47.118	4.104	2724.17	0.12%	96.70%
52.0	44.631	3.937	2728.107	0.12%	96.84%
53.0	42.443	3.788	2731.894	0.11%	96.97%
54.0	40.622	3.661	2735.555	0.11%	97.10%
55.0	38.830	3.547	2739.102	0.11%	97.23%
56.0	37.272	3.439	2742.541	0.10%	97.35%
57.0	35.779	3.340	2745.881	0.10%	97.47%
58.0	34.265	3.239	2749.12	0.10%	97.59%
59.0	32.707	3.131	2752.251	0.09%	97.70%
60.0	31.141	3.016	2755.267	0.09%	97.80%
61.0	29.751	2.906	2758.173	0.09%	97.91%
62.0	28.127	2.789	2760.962	0.08%	98.01%
63.0	26.855	2.674	2763.636	0.08%	98.10%
64.0	25.457	2.567	2766.203	0.08%	98.19%
65.0	24.316	2.463	2768.666	0.07%	98.28%
66.0	23.190	2.370	2771.037	0.07%	98.36%
67.0	22.407	2.293	2773.329	0.07%	98.45%
68.0	21.814	2.240	2775.569	0.07%	98.53%
69.0	21.383	2.204	2777.773	0.07%	98.60%
70.0	21.068	2.180	2779.953	0.07%	98.68%
71.0	20.827	2.165	2782.119	0.07%	98.76%
72.0	20.600	2.154	2784.273	0.06%	98.83%
73.0	20.424	2.145	2786.418	0.06%	98.91%
74.0	20.271	2.139	2788.557	0.06%	98.99%
75.0	20.117	2.134	2790.691	0.06%	99.06%

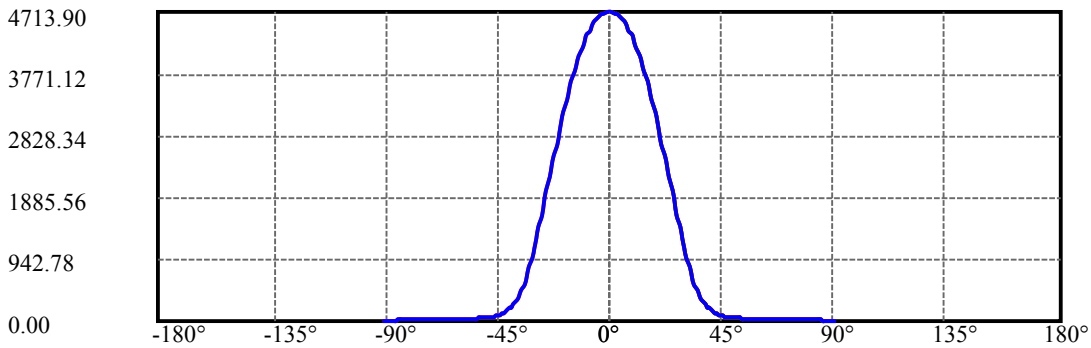
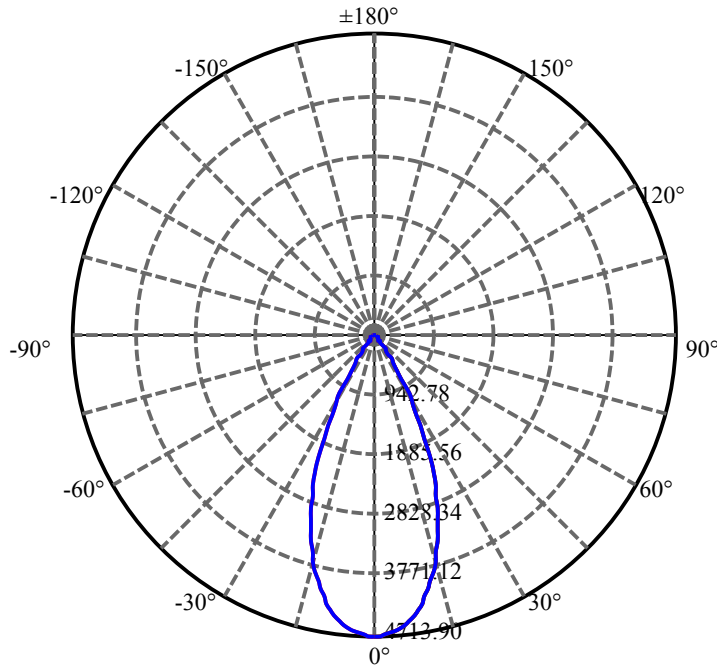
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
76.0	19.956	2.127	2792.819	0.06%	99.14%
77.0	19.817	2.121	2794.939	0.06%	99.21%
78.0	19.547	2.107	2797.046	0.06%	99.29%
79.0	19.225	2.083	2799.13	0.06%	99.36%
80.0	18.756	2.048	2801.177	0.06%	99.43%
81.0	18.025	1.989	2803.166	0.06%	99.50%
82.0	17.169	1.909	2805.075	0.06%	99.57%
83.0	16.101	1.809	2806.883	0.05%	99.64%
84.0	14.996	1.694	2808.578	0.05%	99.70%
85.0	13.972	1.581	2810.159	0.05%	99.75%
86.0	13.226	1.487	2811.645	0.04%	99.81%
87.0	12.721	1.420	2813.065	0.04%	99.86%
88.0	12.348	1.373	2814.438	0.04%	99.91%
89.0	12.180	1.344	2815.783	0.04%	99.95%
90.0	12.078	1.330	2817.113	0.04%	100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2330.12	70.27%	82.71%
0-40	2651.39	79.96%	94.12%
0-60	2755.27	83.09%	97.80%
0-90	2815.78	84.92%	99.95%
0-120	2815.78	84.92%	99.95%
0-180	2817.11	84.96%	100.00%
60-90	60.52	1.82%	2.15%
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%
0-28.82	2253.69	67.96%	80.00%

ZONAL LUMEN SUMMARY

0-10	428.61
10-20	1007.89
20-30	893.61
30-40	321.27
40-50	68.67
50-60	35.20
60-70	24.69
70-80	21.22
80-90	14.61
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: —————

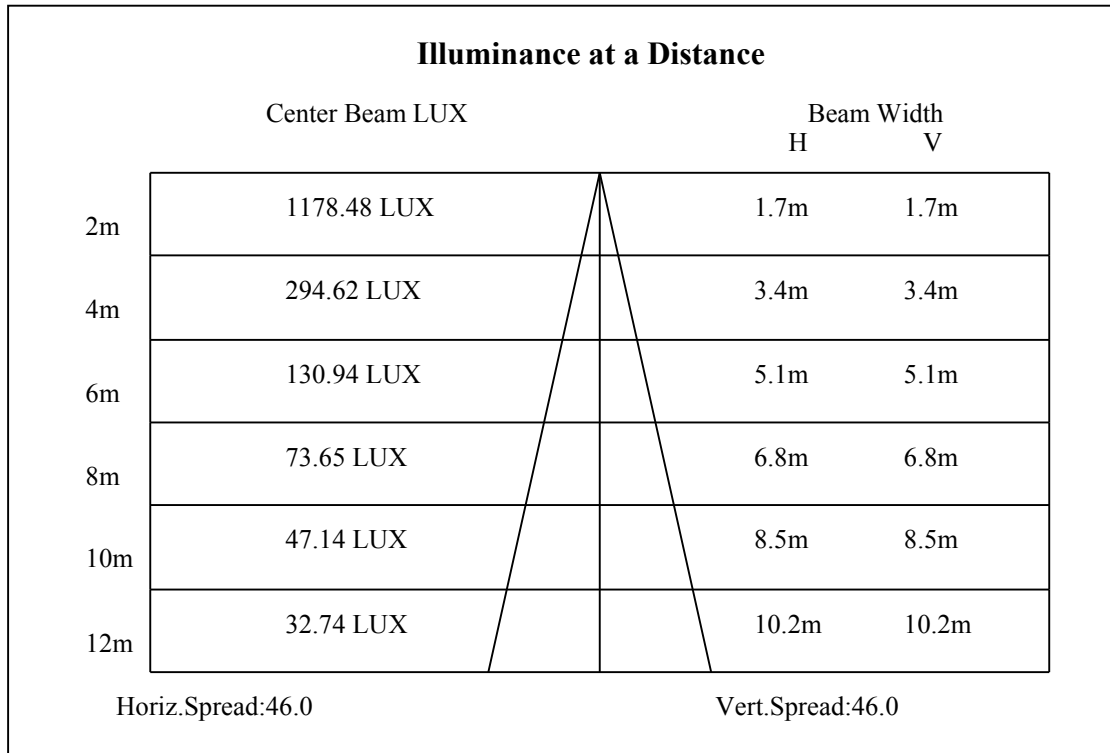
C90/C270: —————

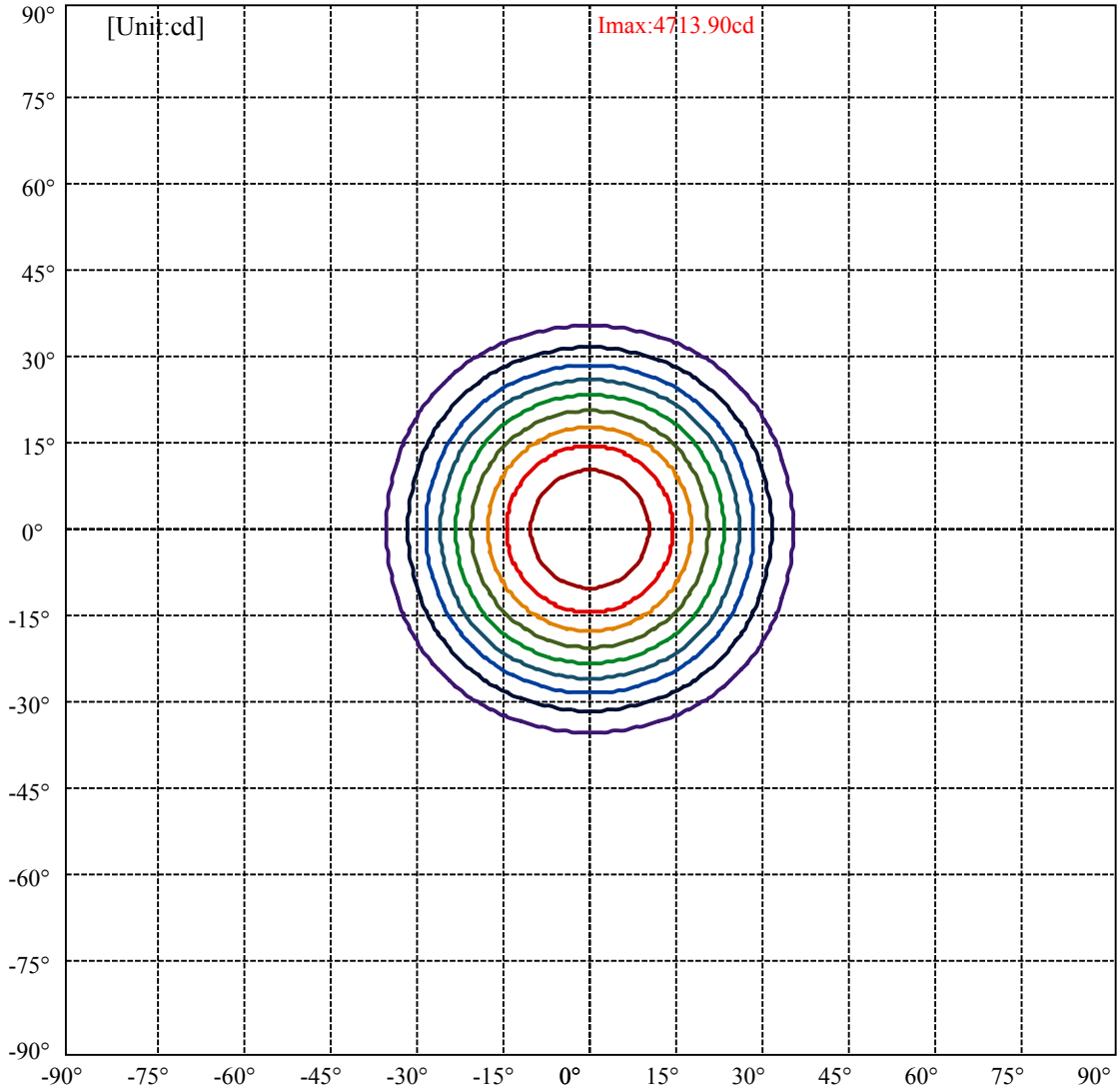
Field angle(10%Imax):C0/180Left:34.8 Right:34.8

:C90/270Left:34.8 Right:34.8

Beam Angle(50%Imax):C0/180Left:23.0 Right:23.0

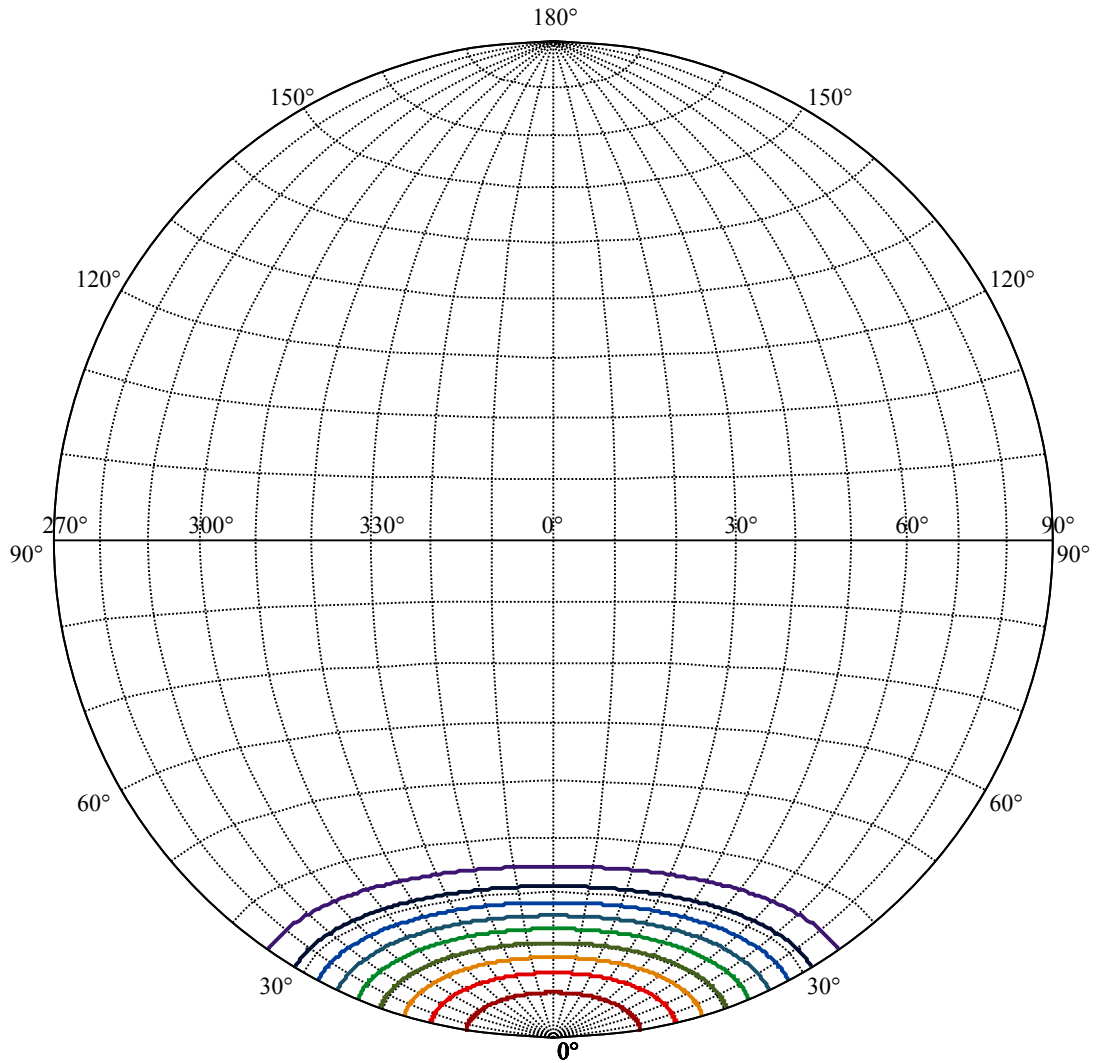
:C90/270Left:23.0 Right:23.0





(10%Imax) 471.39	—
(20%Imax) 942.78	—
(30%Imax) 1414.17	—
(40%Imax) 1885.56	—
(50%Imax) 2356.95	—
(60%Imax) 2828.34	—
(70%Imax) 3299.73	—
(80%Imax) 3771.12	—
(90%Imax) 4242.51	—





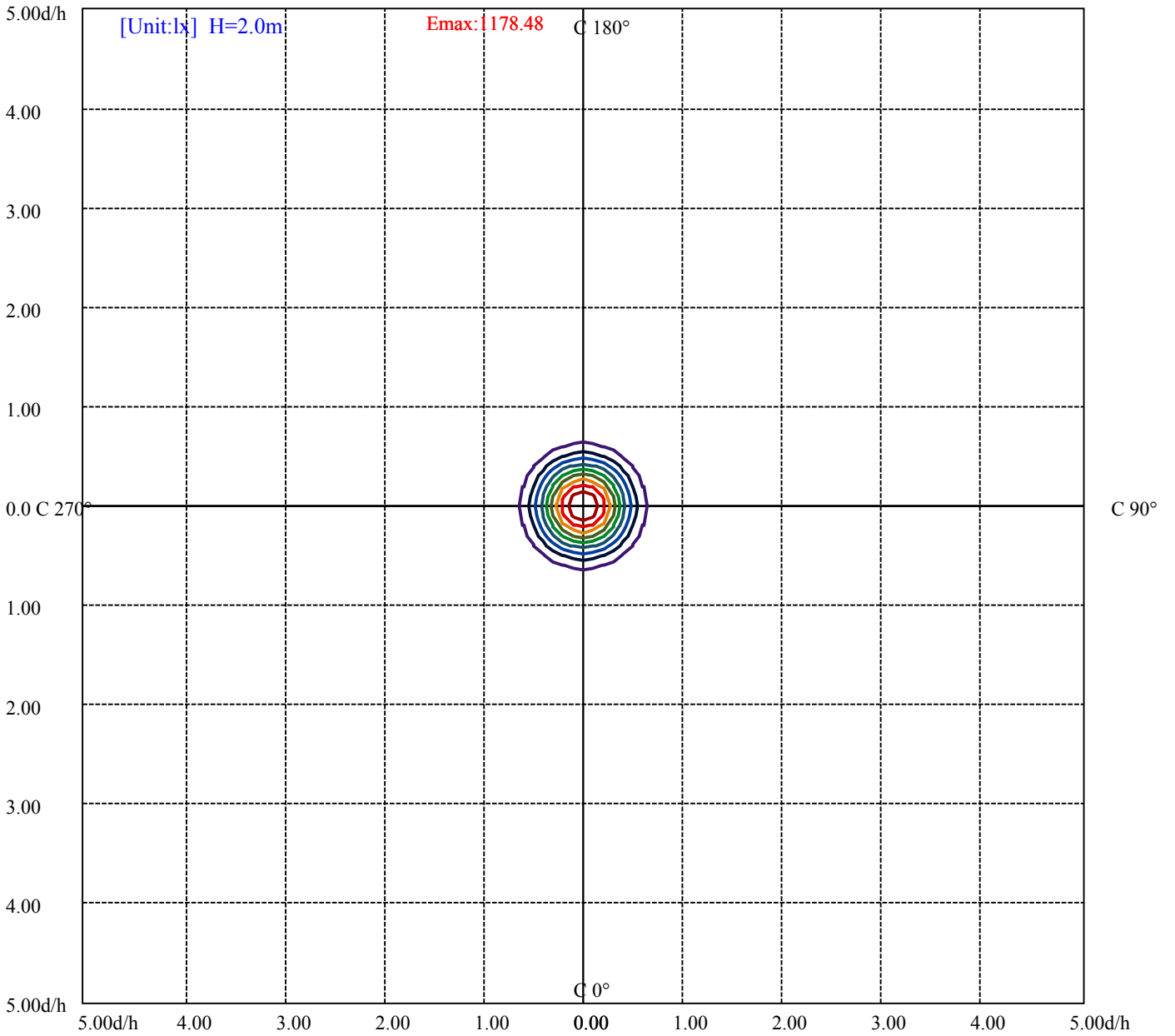
House

[Unit:cd]

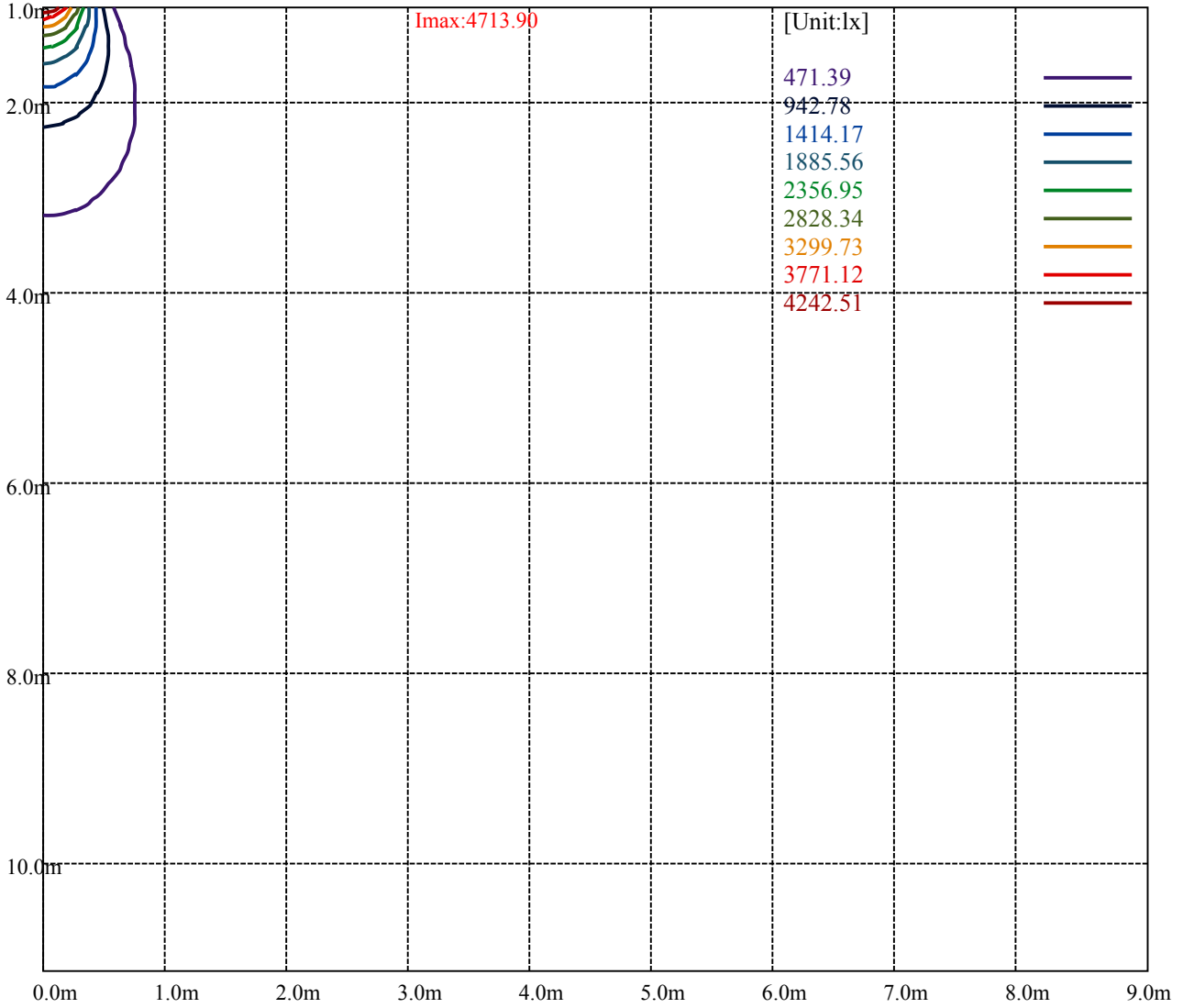
Road

Imax:4713.90

(10%Imax) 471.39	—
(20%Imax) 942.78	—
(30%Imax) 1414.17	—
(40%Imax) 1885.56	—
(50%Imax) 2356.95	—
(60%Imax) 2828.34	—
(70%Imax) 3299.73	—
(80%Imax) 3771.12	—
(90%Imax) 4242.51	—



- (10%Emax) 117.8475
- (20%Emax) 235.695
- (30%Emax) 353.5425
- (40%Emax) 471.39
- (50%Emax) 589.2375
- (60%Emax) 707.085
- (70%Emax) 824.9325
- (80%Emax) 942.78
- (90%Emax) 1060.627



Luminance Table

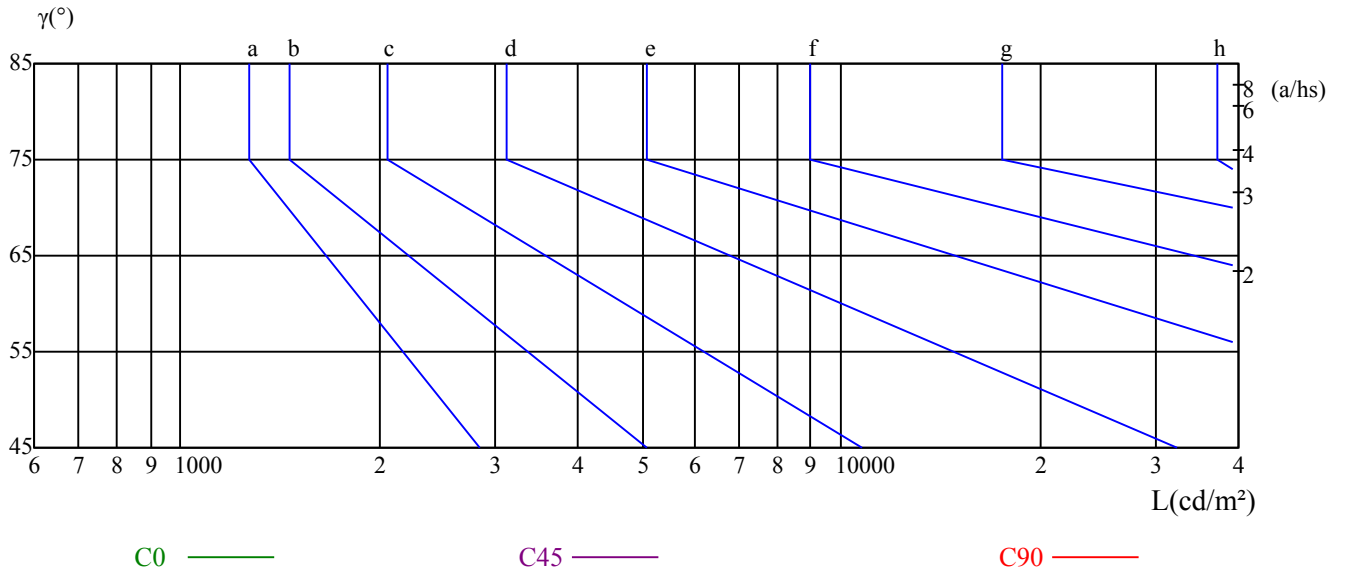
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

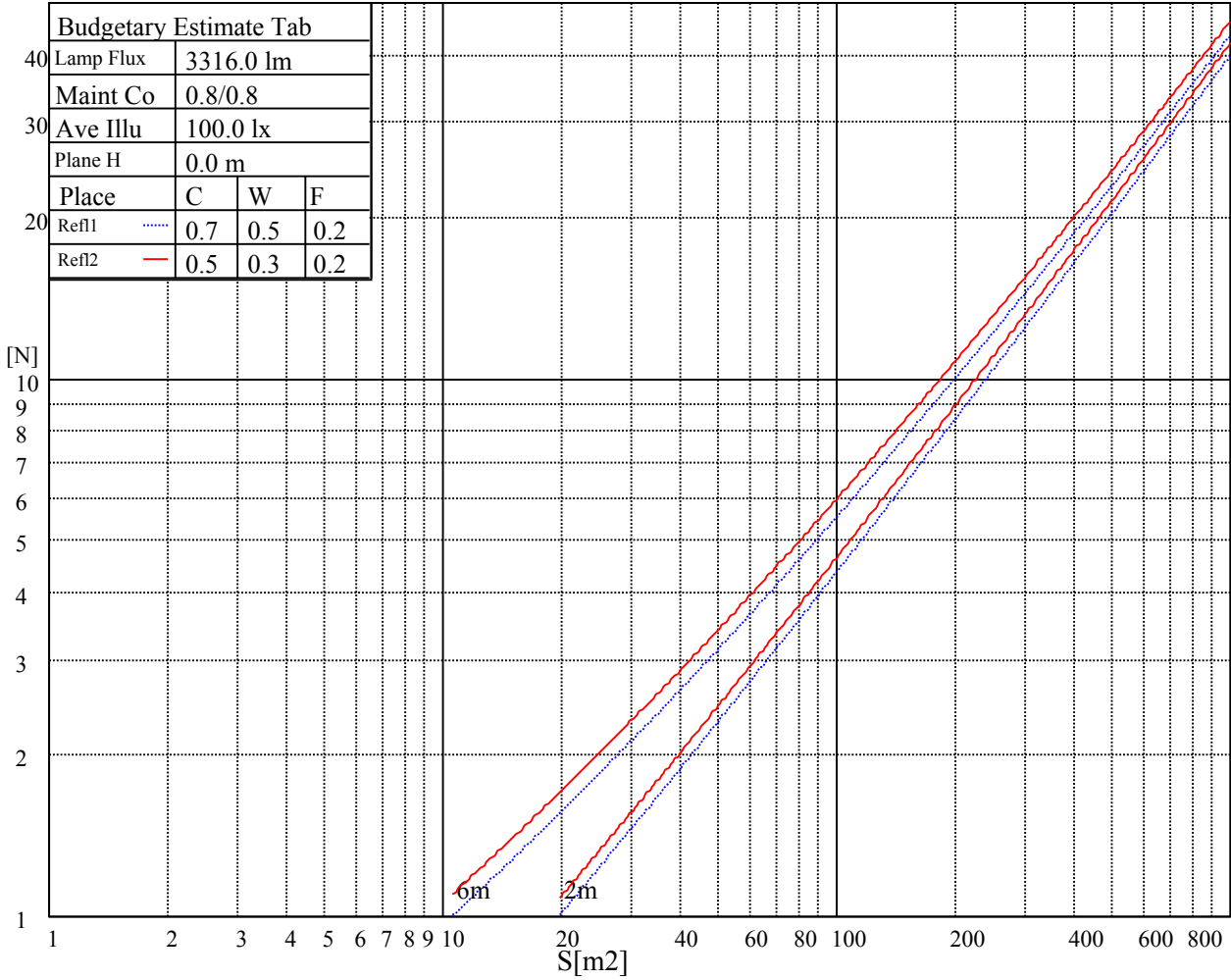
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Limiting Curve

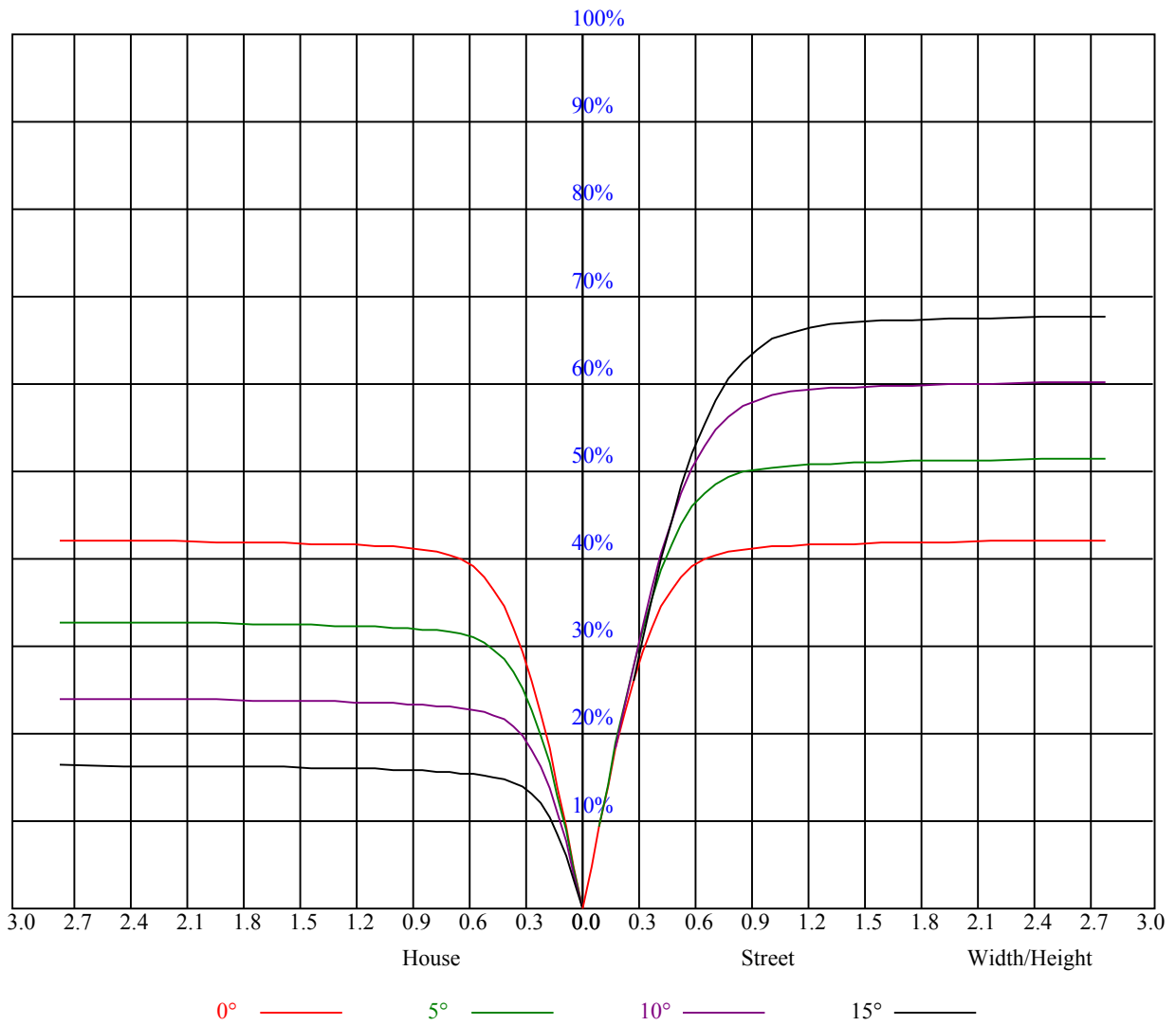


Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字	非数字
	3H	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

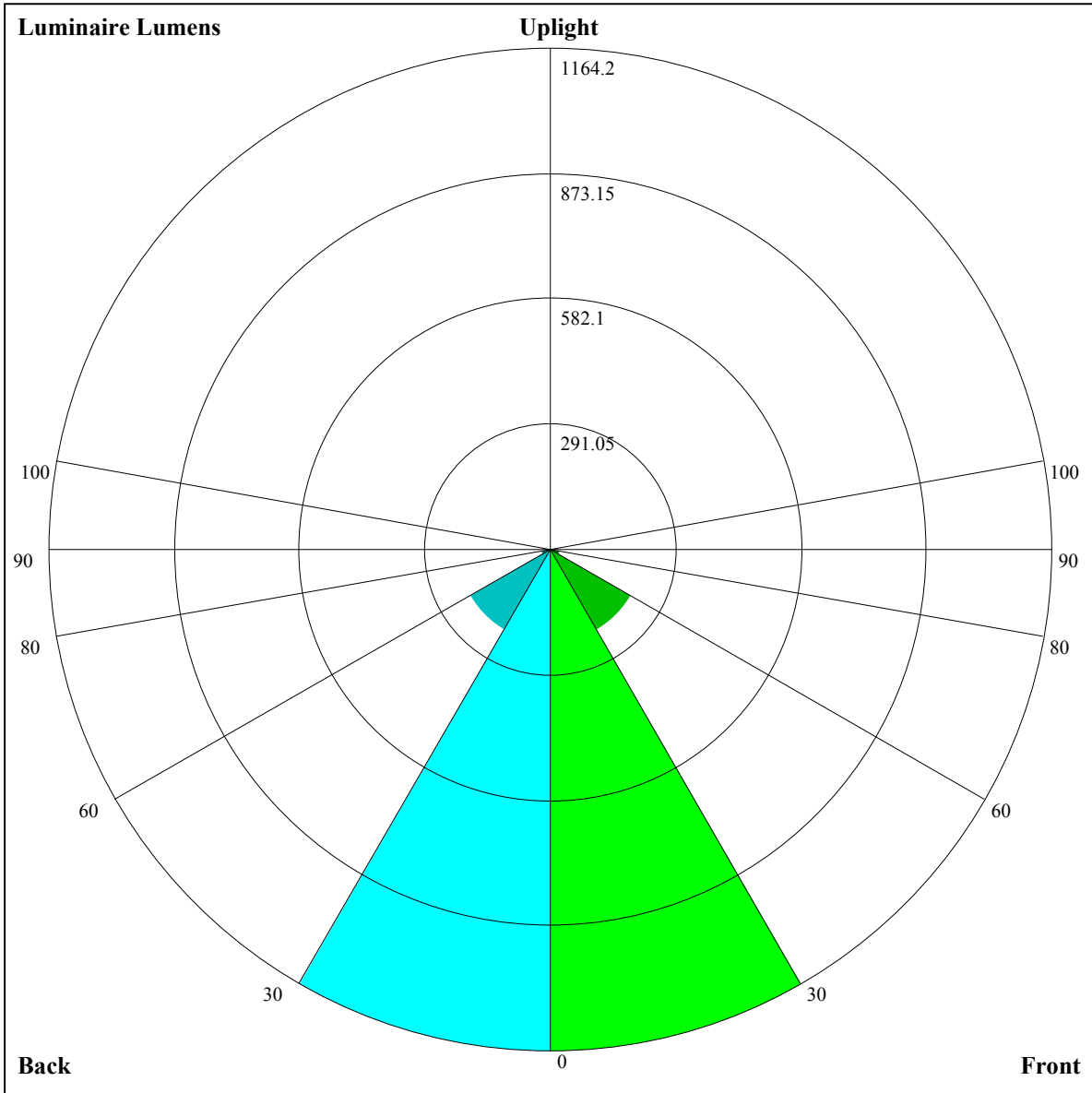
UGR calculation is based on CIE Publ. 117 ,S/H = 0.25



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 RHOFC=20 CU															
0	1.01	1.01	1.01	0.99	0.99	0.99	0.94	0.94	0.94	0.90	0.90	0.90	0.87	0.87	0.87	0.85
1	0.94	0.92	0.90	0.92	0.91	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	0.82	0.87	0.84	0.81	0.84	0.82	0.79	0.81	0.80	0.78	0.79	0.78	0.76	0.75
3	0.83	0.79	0.76	0.82	0.78	0.75	0.79	0.76	0.74	0.77	0.75	0.73	0.76	0.73	0.72	0.70
4	0.78	0.74	0.70	0.77	0.73	0.70	0.75	0.72	0.69	0.74	0.71	0.68	0.72	0.70	0.68	0.66
5	0.74	0.69	0.66	0.73	0.69	0.66	0.72	0.68	0.65	0.70	0.67	0.64	0.69	0.66	0.64	0.63
6	0.70	0.65	0.62	0.69	0.65	0.62	0.68	0.64	0.61	0.67	0.64	0.61	0.66	0.63	0.61	0.59
7	0.66	0.62	0.59	0.66	0.62	0.58	0.65	0.61	0.58	0.64	0.60	0.58	0.63	0.60	0.58	0.56
8	0.63	0.59	0.55	0.63	0.58	0.55	0.62	0.58	0.55	0.61	0.58	0.55	0.60	0.57	0.55	0.54
9	0.60	0.56	0.53	0.60	0.56	0.53	0.59	0.55	0.52	0.58	0.55	0.52	0.58	0.54	0.52	0.51
10	0.58	0.53	0.50	0.57	0.53	0.50	0.57	0.53	0.50	0.56	0.52	0.50	0.55	0.52	0.50	0.49







Luminaire Lumens:

FL=1164.2,FM=215.49,FH=22.98,FVH=7.98

BL=1164.2,BM=215.49,BH=22.98,BVH=7.98

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	4713.90	4707.83	4695.25	4672.71	4641.04	4600.59	4556.33	4499.63	4430.80
45.0	4713.90	4707.83	4695.25	4672.71	4641.04	4600.59	4556.33	4499.63	4430.80
90.0	4713.90	4707.83	4695.25	4672.71	4641.04	4600.59	4556.33	4499.63	4430.80
135.0	4713.90	4707.83	4695.25	4672.71	4641.04	4600.59	4556.33	4499.63	4430.80
180.0	4713.90	4707.83	4695.25	4672.71	4641.04	4600.59	4556.33	4499.63	4430.80
225.0	4713.90	4707.83	4695.25	4672.71	4641.04	4600.59	4556.33	4499.63	4430.80
270.0	4713.90	4707.83	4695.25	4672.71	4641.04	4600.59	4556.33	4499.63	4430.80
315.0	4713.90	4707.83	4695.25	4672.71	4641.04	4600.59	4556.33	4499.63	4430.80
360.0	4713.90	4707.83	4695.25	4672.71	4641.04	4600.59	4556.33	4499.63	4430.80
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4349.67	4254.57	4160.28	4042.35	3930.43	3802.56	3668.03	3522.67	3365.98
45.0	4349.67	4254.57	4160.28	4042.35	3930.43	3802.56	3668.03	3522.67	3365.98
90.0	4349.67	4254.57	4160.28	4042.35	3930.43	3802.56	3668.03	3522.67	3365.98
135.0	4349.67	4254.57	4160.28	4042.35	3930.43	3802.56	3668.03	3522.67	3365.98
180.0	4349.67	4254.57	4160.28	4042.35	3930.43	3802.56	3668.03	3522.67	3365.98
225.0	4349.67	4254.57	4160.28	4042.35	3930.43	3802.56	3668.03	3522.67	3365.98
270.0	4349.67	4254.57	4160.28	4042.35	3930.43	3802.56	3668.03	3522.67	3365.98
315.0	4349.67	4254.57	4160.28	4042.35	3930.43	3802.56	3668.03	3522.67	3365.98
360.0	4349.67	4254.57	4160.28	4042.35	3930.43	3802.56	3668.03	3522.67	3365.98
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	3204.39	3039.79	2881.85	2702.19	2526.91	2364.29	2190.70	2003.36	1805.84
45.0	3204.39	3039.79	2881.85	2702.19	2526.91	2364.29	2190.70	2003.36	1805.84
90.0	3204.39	3039.79	2881.85	2702.19	2526.91	2364.29	2190.70	2003.36	1805.84
135.0	3204.39	3039.79	2881.85	2702.19	2526.91	2364.29	2190.70	2003.36	1805.84
180.0	3204.39	3039.79	2881.85	2702.19	2526.91	2364.29	2190.70	2003.36	1805.84
225.0	3204.39	3039.79	2881.85	2702.19	2526.91	2364.29	2190.70	2003.36	1805.84
270.0	3204.39	3039.79	2881.85	2702.19	2526.91	2364.29	2190.70	2003.36	1805.84
315.0	3204.39	3039.79	2881.85	2702.19	2526.91	2364.29	2190.70	2003.36	1805.84
360.0	3204.39	3039.79	2881.85	2702.19	2526.91	2364.29	2190.70	2003.36	1805.84
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1597.81	1432.93	1246.18	1113.43	967.26	812.30	675.05	555.20	455.70
45.0	1597.81	1432.93	1246.18	1113.43	967.26	812.30	675.05	555.20	455.70
90.0	1597.81	1432.93	1246.18	1113.43	967.26	812.30	675.05	555.20	455.70
135.0	1597.81	1432.93	1246.18	1113.43	967.26	812.30	675.05	555.20	455.70
180.0	1597.81	1432.93	1246.18	1113.43	967.26	812.30	675.05	555.20	455.70
225.0	1597.81	1432.93	1246.18	1113.43	967.26	812.30	675.05	555.20	455.70
270.0	1597.81	1432.93	1246.18	1113.43	967.26	812.30	675.05	555.20	455.70
315.0	1597.81	1432.93	1246.18	1113.43	967.26	812.30	675.05	555.20	455.70
360.0	1597.81	1432.93	1246.18	1113.43	967.26	812.30	675.05	555.20	455.70
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	375.52	316.07	273.81	219.49	193.29	144.88	123.23	103.81	89.81
45.0	375.52	316.07	273.81	219.49	193.29	144.88	123.23	103.81	89.81
90.0	375.52	316.07	273.81	219.49	193.29	144.88	123.23	103.81	89.81
135.0	375.52	316.07	273.81	219.49	193.29	144.88	123.23	103.81	89.81
180.0	375.52	316.07	273.81	219.49	193.29	144.88	123.23	103.81	89.81
225.0	375.52	316.07	273.81	219.49	193.29	144.88	123.23	103.81	89.81
270.0	375.52	316.07	273.81	219.49	193.29	144.88	123.23	103.81	89.81
315.0	375.52	316.07	273.81	219.49	193.29	144.88	123.23	103.81	89.81
360.0	375.52	316.07	273.81	219.49	193.29	144.88	123.23	103.81	89.81

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	78.32	69.12	62.52	57.42	53.44	49.88	47.12	44.63	42.44
45.0	78.32	69.12	62.52	57.42	53.44	49.88	47.12	44.63	42.44
90.0	78.32	69.12	62.52	57.42	53.44	49.88	47.12	44.63	42.44
135.0	78.32	69.12	62.52	57.42	53.44	49.88	47.12	44.63	42.44
180.0	78.32	69.12	62.52	57.42	53.44	49.88	47.12	44.63	42.44
225.0	78.32	69.12	62.52	57.42	53.44	49.88	47.12	44.63	42.44
270.0	78.32	69.12	62.52	57.42	53.44	49.88	47.12	44.63	42.44
315.0	78.32	69.12	62.52	57.42	53.44	49.88	47.12	44.63	42.44
360.0	78.32	69.12	62.52	57.42	53.44	49.88	47.12	44.63	42.44
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	40.62	38.83	37.27	35.78	34.27	32.71	31.14	29.75	28.13
45.0	40.62	38.83	37.27	35.78	34.27	32.71	31.14	29.75	28.13
90.0	40.62	38.83	37.27	35.78	34.27	32.71	31.14	29.75	28.13
135.0	40.62	38.83	37.27	35.78	34.27	32.71	31.14	29.75	28.13
180.0	40.62	38.83	37.27	35.78	34.27	32.71	31.14	29.75	28.13
225.0	40.62	38.83	37.27	35.78	34.27	32.71	31.14	29.75	28.13
270.0	40.62	38.83	37.27	35.78	34.27	32.71	31.14	29.75	28.13
315.0	40.62	38.83	37.27	35.78	34.27	32.71	31.14	29.75	28.13
360.0	40.62	38.83	37.27	35.78	34.27	32.71	31.14	29.75	28.13
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	26.86	25.46	24.32	23.19	22.41	21.81	21.38	21.07	20.83
45.0	26.86	25.46	24.32	23.19	22.41	21.81	21.38	21.07	20.83
90.0	26.86	25.46	24.32	23.19	22.41	21.81	21.38	21.07	20.83
135.0	26.86	25.46	24.32	23.19	22.41	21.81	21.38	21.07	20.83
180.0	26.86	25.46	24.32	23.19	22.41	21.81	21.38	21.07	20.83
225.0	26.86	25.46	24.32	23.19	22.41	21.81	21.38	21.07	20.83
270.0	26.86	25.46	24.32	23.19	22.41	21.81	21.38	21.07	20.83
315.0	26.86	25.46	24.32	23.19	22.41	21.81	21.38	21.07	20.83
360.0	26.86	25.46	24.32	23.19	22.41	21.81	21.38	21.07	20.83
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	20.60	20.42	20.27	20.12	19.96	19.82	19.55	19.23	18.76
45.0	20.60	20.42	20.27	20.12	19.96	19.82	19.55	19.23	18.76
90.0	20.60	20.42	20.27	20.12	19.96	19.82	19.55	19.23	18.76
135.0	20.60	20.42	20.27	20.12	19.96	19.82	19.55	19.23	18.76
180.0	20.60	20.42	20.27	20.12	19.96	19.82	19.55	19.23	18.76
225.0	20.60	20.42	20.27	20.12	19.96	19.82	19.55	19.23	18.76
270.0	20.60	20.42	20.27	20.12	19.96	19.82	19.55	19.23	18.76
315.0	20.60	20.42	20.27	20.12	19.96	19.82	19.55	19.23	18.76
360.0	20.60	20.42	20.27	20.12	19.96	19.82	19.55	19.23	18.76
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	18.03	17.17	16.10	15.00	13.97	13.23	12.72	12.35	12.18
45.0	18.03	17.17	16.10	15.00	13.97	13.23	12.72	12.35	12.18
90.0	18.03	17.17	16.10	15.00	13.97	13.23	12.72	12.35	12.18
135.0	18.03	17.17	16.10	15.00	13.97	13.23	12.72	12.35	12.18
180.0	18.03	17.17	16.10	15.00	13.97	13.23	12.72	12.35	12.18
225.0	18.03	17.17	16.10	15.00	13.97	13.23	12.72	12.35	12.18
270.0	18.03	17.17	16.10	15.00	13.97	13.23	12.72	12.35	12.18
315.0	18.03	17.17	16.10	15.00	13.97	13.23	12.72	12.35	12.18
360.0	18.03	17.17	16.10	15.00	13.97	13.23	12.72	12.35	12.18

Intensity data(cd)

<b>C/γ(°)</b>	<b>90.0</b>
<b>0.0</b>	<b>12.08</b>
<b>45.0</b>	<b>12.08</b>
<b>90.0</b>	<b>12.08</b>
<b>135.0</b>	<b>12.08</b>
<b>180.0</b>	<b>12.08</b>
<b>225.0</b>	<b>12.08</b>
<b>270.0</b>	<b>12.08</b>
<b>315.0</b>	<b>12.08</b>
<b>360.0</b>	<b>12.08</b>