



LG-F400-3 分布光度计测试报告

LumCAT: 高杆灯投光灯LG-F400

Luminaire: HR03F-3°

Report No: LG-F400-GM-03

Test No: 09

LampCAT: CREE-XPL

Lamp flux(lm): 668.9

Number of Lamps: 60

Length(mm): 370

Phm Type: C

Voltage(V): 219.5000

Current(A): 1.7920

Power (W): 381.6000

PF: 0.9710

Ballast type:

Width(mm): 370

Height(mm): 30

Photometric Results

Lumens(lm): 40131.46

Efficiency(%): 100.00%

Lumens(lm)/Power(W): 105.17

Central intensity(cd): 1013782.000

Maximum intensity(cd): 1110877.000

Angle of maximum intensity: C=30.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=6.4

[C90/270]Total=6.8

Field angle(10%Imax): [C0/180]Total=16.9

[C90/270]Total=17.8

Maximum s/h(1/2): C0_180=0.12 C90_270=0.12

Maximum s/h(1/4): C0_180=0.18 C90_270=0.14

Up flux rate of lamp(%): 0.00%

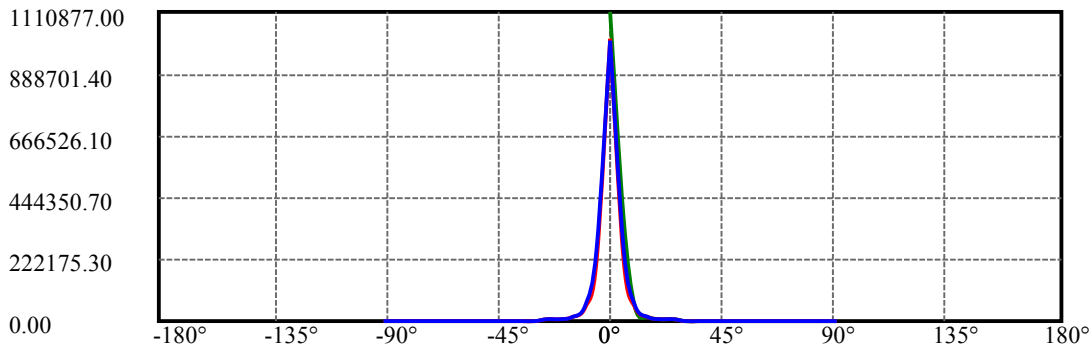
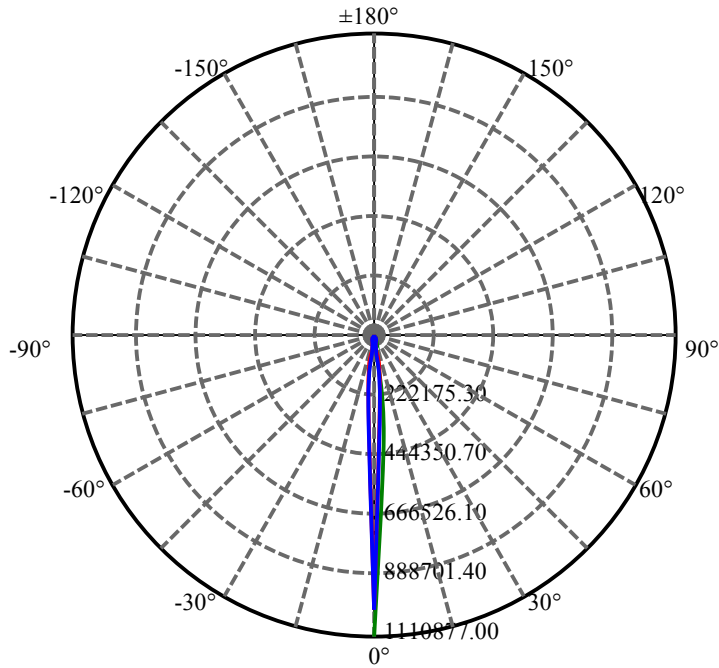
Down flux rate of lamp(%): 100.00%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

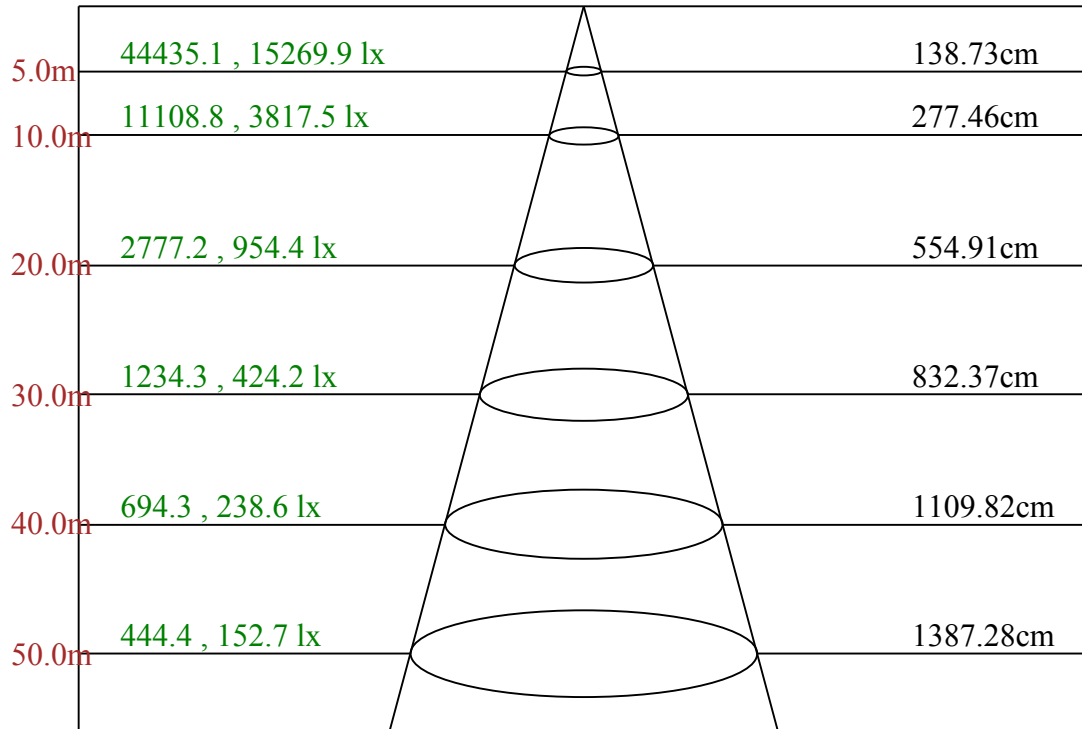
Output flux ratio in π solid angle : 98.739%



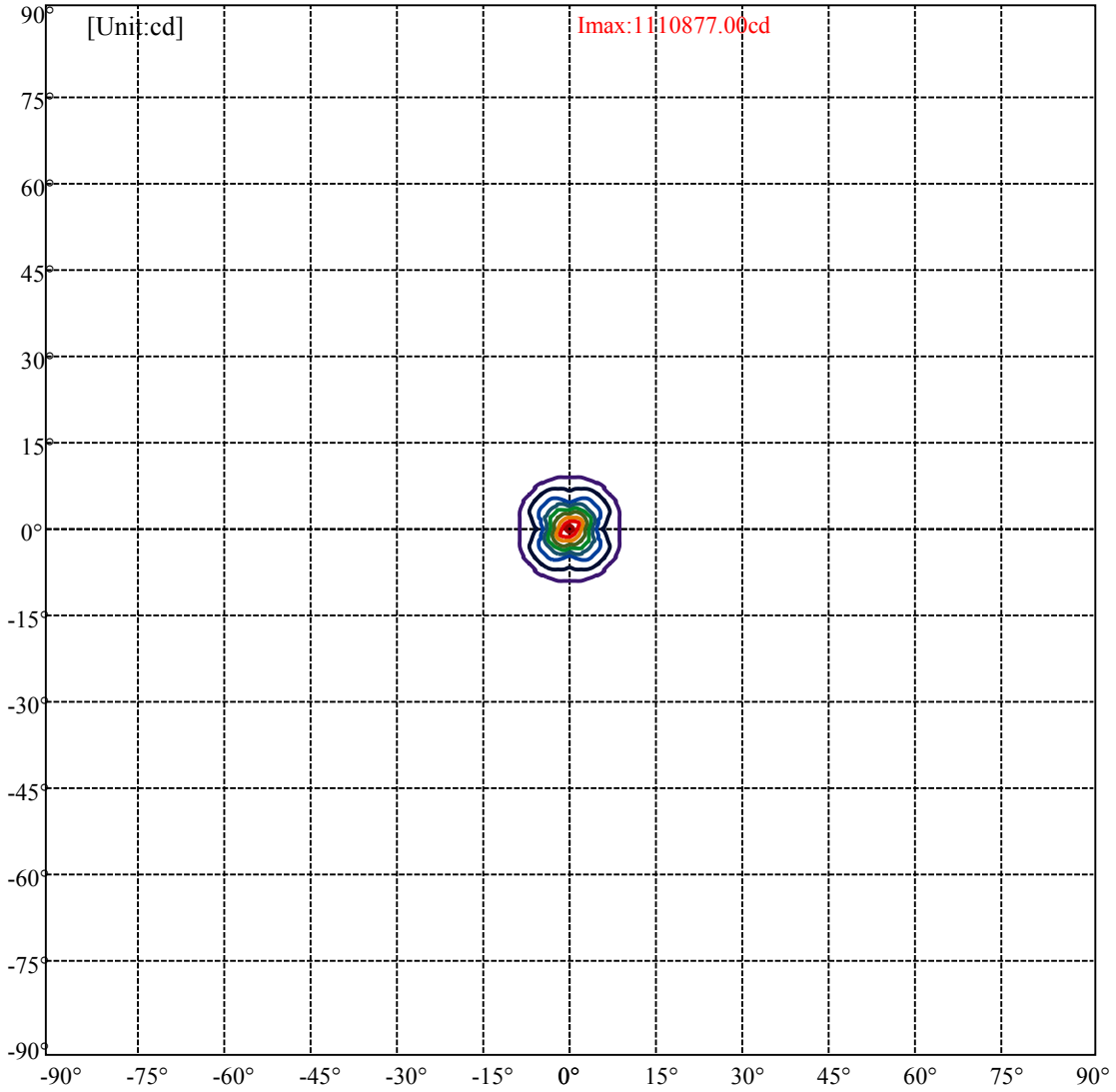
C30(Max): ——
 C0/C180: ——
 C90/C270: ——

Field angle(10%Imax):C0/180Left:8.4 Right:8.4
 :C90/270Left:8.9 Right:8.9

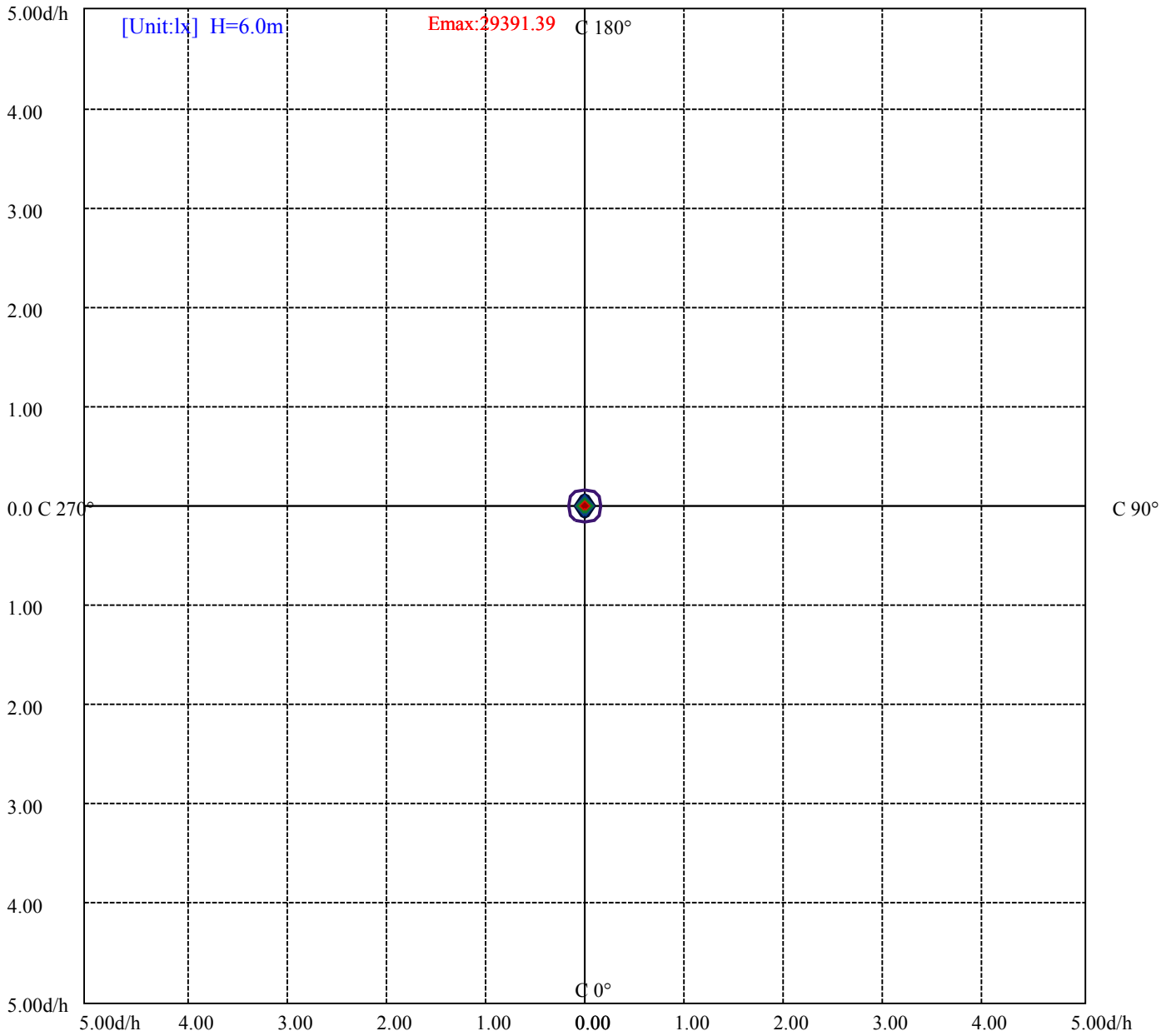
Beam Angle(50%Imax):C0/180Left:3.2 Right:3.2
 :C90/270Left:3.4 Right:3.4



Max , Ave Beam angle of C30plane15.80



(10%Imax) 100846	———
(20%Imax) 201693	———
(30%Imax) 302539	———
(40%Imax) 403385	———
(50%Imax) 504232	———
(60%Imax) 605078	———
(70%Imax) 705924	———
(80%Imax) 806771	———
(90%Imax) 907617	———



- (10%Emax) 2939.139
- (20%Emax) 5878.278
- (30%Emax) 8817.417
- (40%Emax) 11756.56
- (50%Emax) 14695.69
- (60%Emax) 17634.83
- (70%Emax) 20573.97
- (80%Emax) 23513.11
- (90%Emax) 26452.25