



LumCAT: 高杆灯投光灯S150

Luminaire:

Report No: LG-GM-06Voltage(V): 44.2000

Test No: 09

LampCAT: LG-X9-3535

Lamp flux(lm): 142.0

Number of Lamps: 150

Length(mm): 110

Phm Type: C

Current(A): 3.1980

Power (W): 141.3000

PF: 0.0000

Ballast type:

Width(mm): 110

Height(mm): 0

Photometric Results

Lumens(lm): 19601.58

Efficiency(%): 92.03%

Lumens(lm)/Power(W): 138.72

Central intensity(cd): 6529.403

Maximum intensity(cd): 6560.350

Angle of maximum intensity: C=30.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=116.3

[C90/270]Total=116.5

Field angle(10%Imax): [C0/180]Total=162.2

[C90/270]Total=162.5

Maximum s/h(1/2): C0_180=1.30 C90_270=1.30

Maximum s/h(1/4): C0_180=1.85 C90_270=1.41

Up flux rate of lamp(%): 0.00%

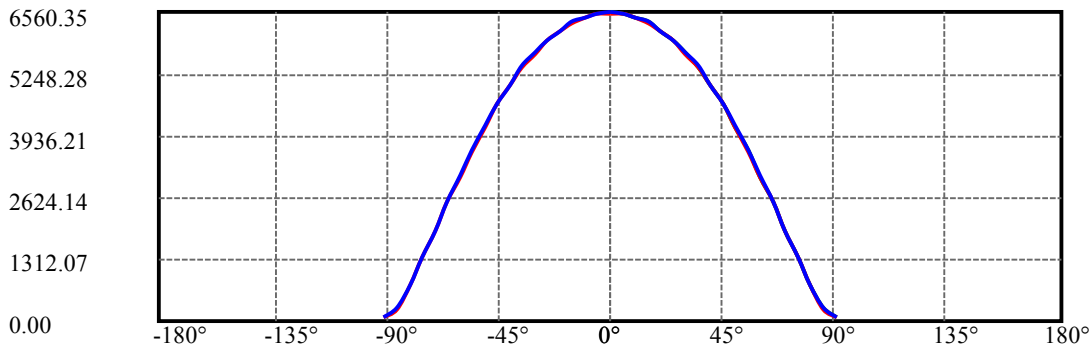
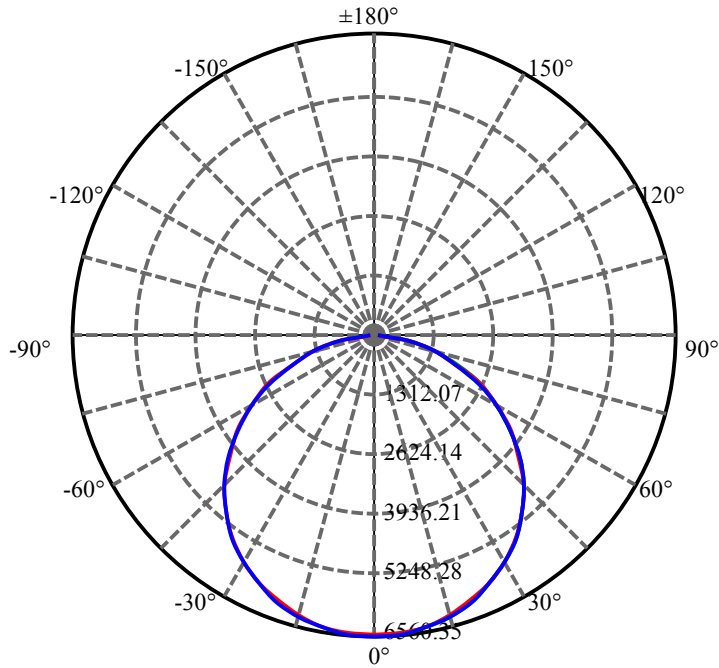
Down flux rate of lamp(%): 92.03%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 78.077%



C30(Max): —————

C0/C180: —————

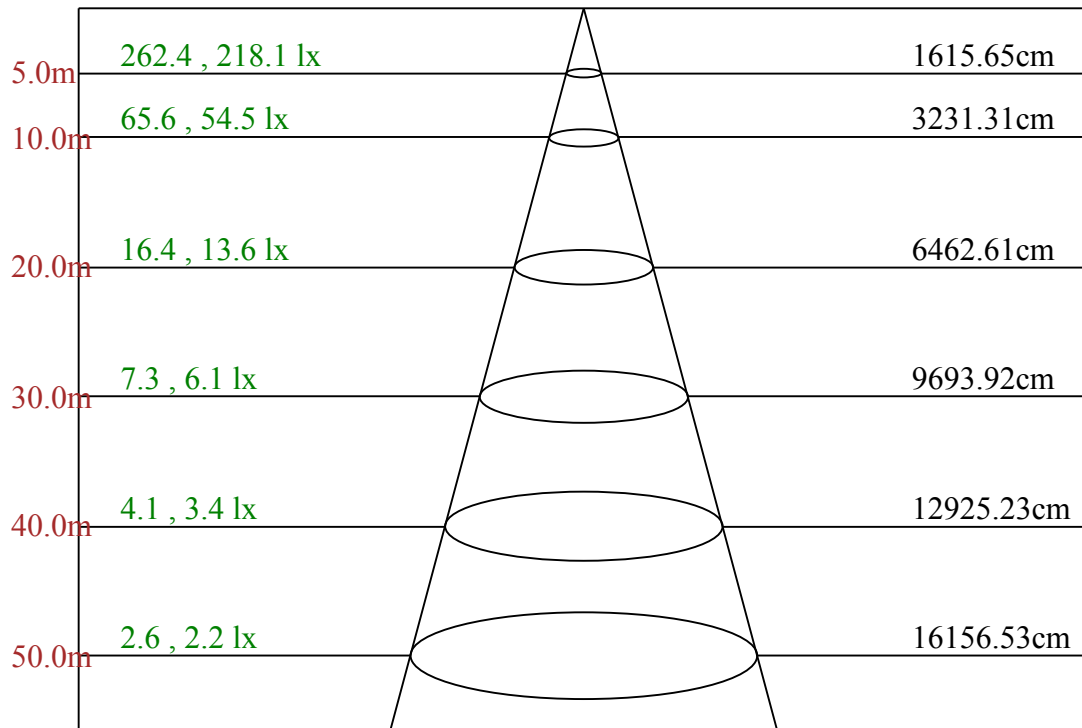
C90/C270: —————

Field angle(10%Imax):C0/180Left:81.1 Right:81.1

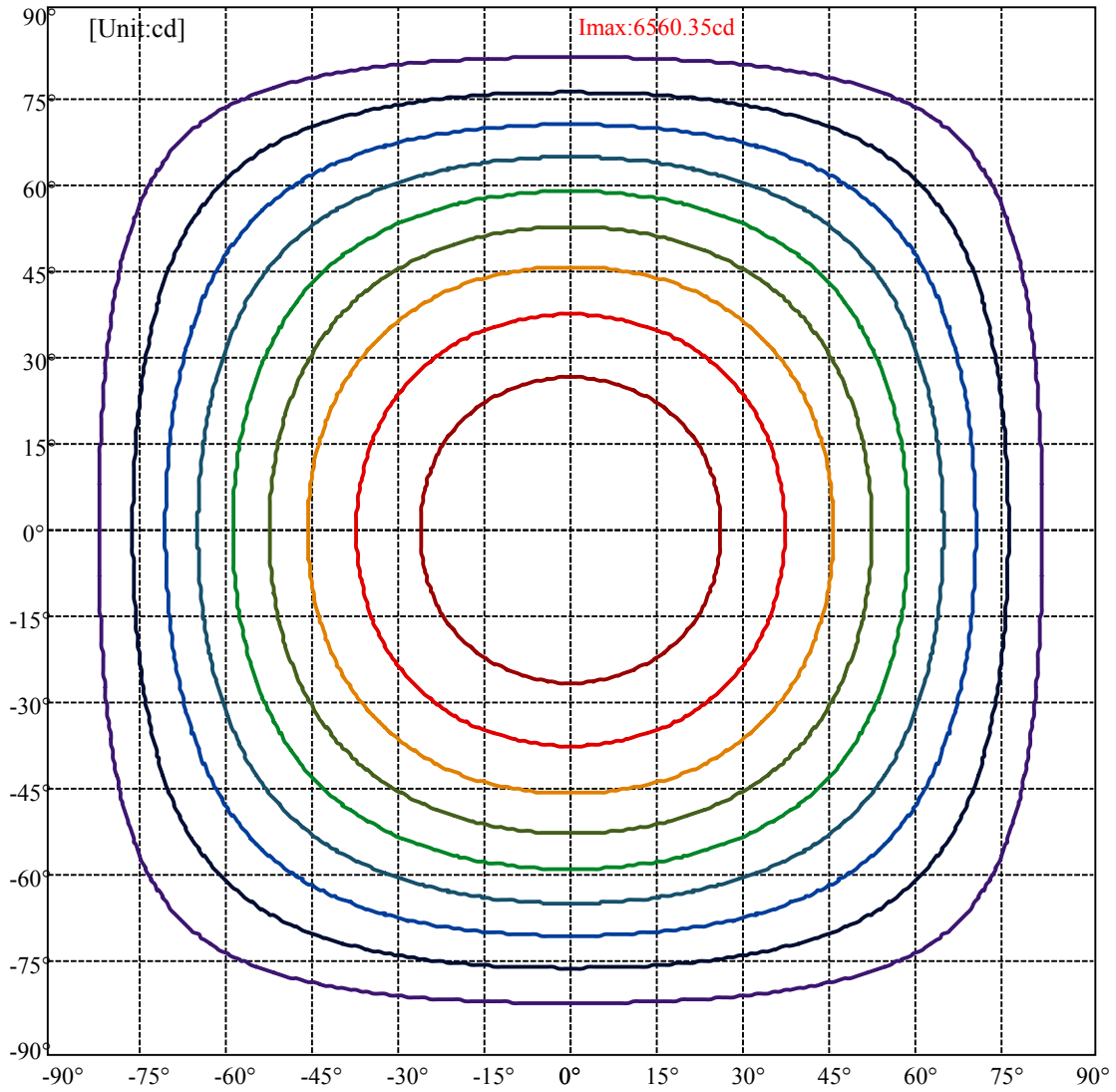
:C90/270Left:81.3 Right:81.3

Beam Angle(50%Imax):C0/180Left:58.2 Right:58.2

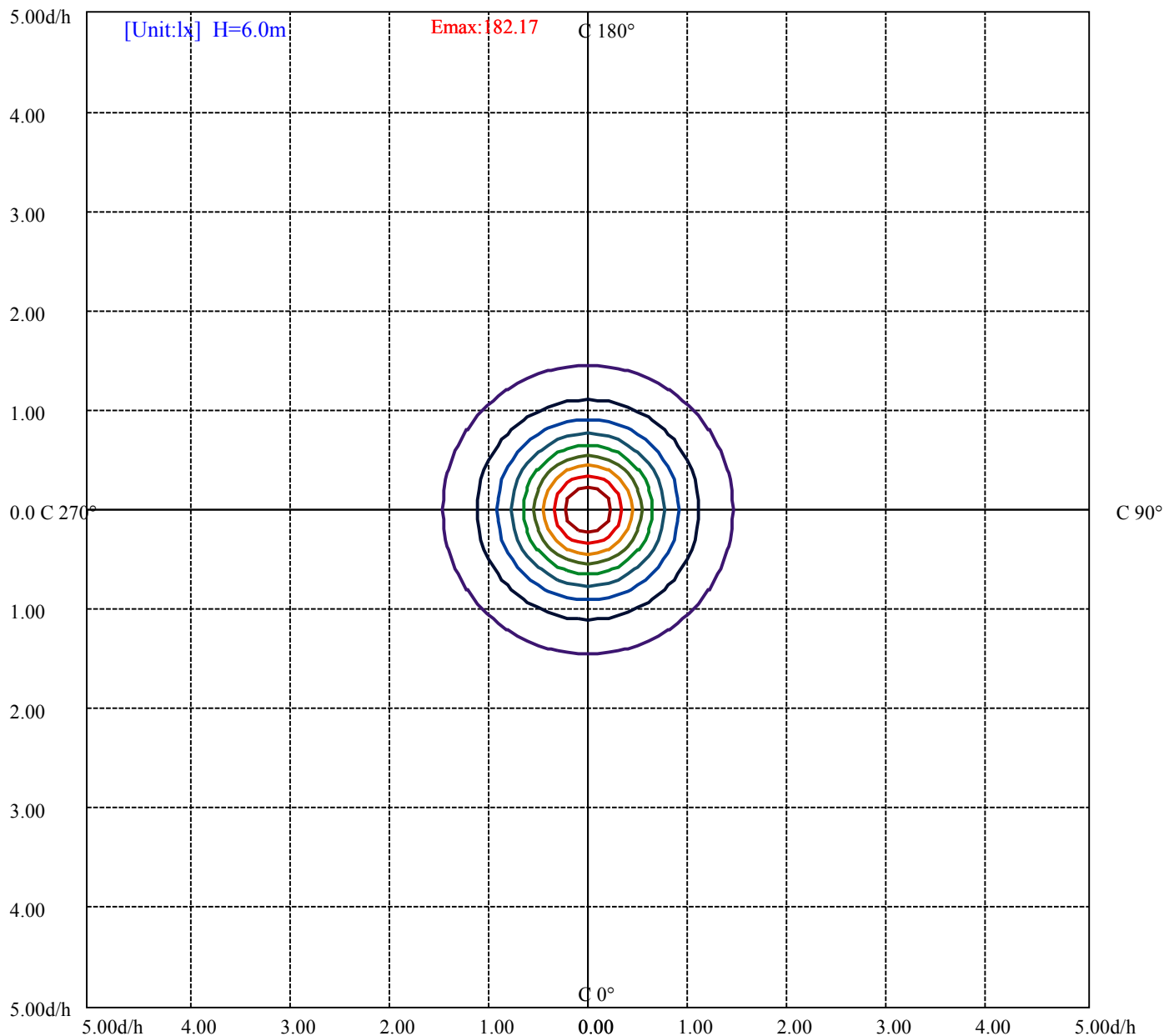
:C90/270Left:58.2 Right:58.2



Max , Ave Beam angle of C30plane1 16.49



(10%Imax) 655.068	
(20%Imax) 1310.14	
(30%Imax) 1965.2	
(40%Imax) 2620.27	
(50%Imax) 3275.34	
(60%Imax) 3930.41	
(70%Imax) 4585.48	
(80%Imax) 5240.54	
(90%Imax) 5895.61	



(10%Emax)	18.21647	
(20%Emax)	36.43306	
(30%Emax)	54.64944	
(40%Emax)	72.86583	
(50%Emax)	91.0825	
(60%Emax)	109.2989	
(70%Emax)	127.5153	
(80%Emax)	145.7317	
(90%Emax)	163.9483	