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## Nata

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LumCAT: 1-0928-M  
Luminaire: 99.02.73.171+92.76.853.00  
Report No: 200908-B018  
Test No: 200908-C018  
LampCAT: CITIZEN CLU028 LES9.8  
Lamp flux(lm): 1800.0  
Number of Lamps: 1  
Length(mm): 0  
Phm Type: C

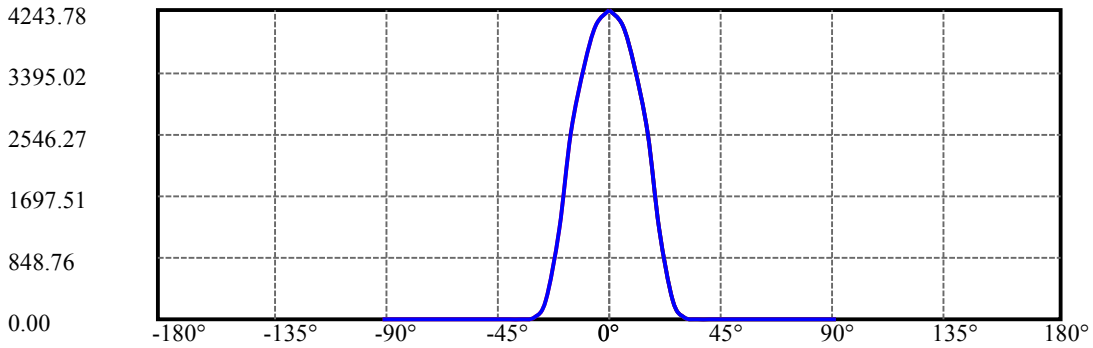
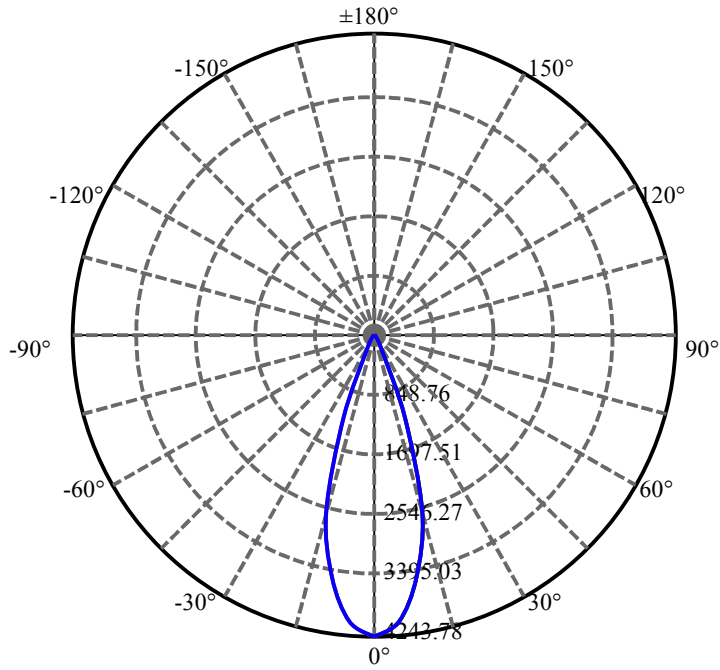
Voltage(V): 35.7200  
Current(A): 0.3830  
Power (W): 13.6800  
PF: 0.0000  
Ballast type: DC  
Width(mm): 0  
Height(mm): 0

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## Photometric Results

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Lumens(lm): 1266.87  
Efficiency(%): 70.38%  
Lumens(lm)/Power(W): 92.61  
Central intensity(cd): 4243.781  
Maximum intensity(cd): 4243.781  
Angle of maximum intensity: C=0.0  $\gamma$ =0.0  
Beam Angle(50%Imax): [C0/180]Total=33.3  
                                  [C90/270]Total=33.3  
Field angle(10%Imax): [C0/180]Total=48.2  
                                  [C90/270]Total=48.2  
Maximum s/h(1/2): C0\_180=0.56 C90\_270=0.56  
Maximum s/h(1/4): C0\_180=0.51 C90\_270=0.51  
Up flux rate of lamp(%): 0.00%  
Down flux rate of lamp(%): 70.38%  
Up flux rate of LUM(%): - -  
Down flux rate of LUM(%): 100.00%  
CIE Type : Direct lighting  
Output flux ratio in  $\pi$  solid angle : 98.541%



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

Field angle(10%Imax):C0/180Left:24.1 Right:24.1  
:C90/270Left:24.1 Right:24.1

Beam Angle(50%Imax):C0/180Left:16.7 Right:16.7  
:C90/270Left:16.7 Right:16.7