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## Nata

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LumCAT: 3-2035-M2  
Luminaire: 92.70.135.00+92.70.153.00  
Report No: 200921-B019  
Test No: 200921-C019  
LampCAT: Vesta DW LES13 Gen2 PD  
Lamp flux(lm): 1312.0  
Number of Lamps: 1  
Length(mm): 0  
Phm Type: C

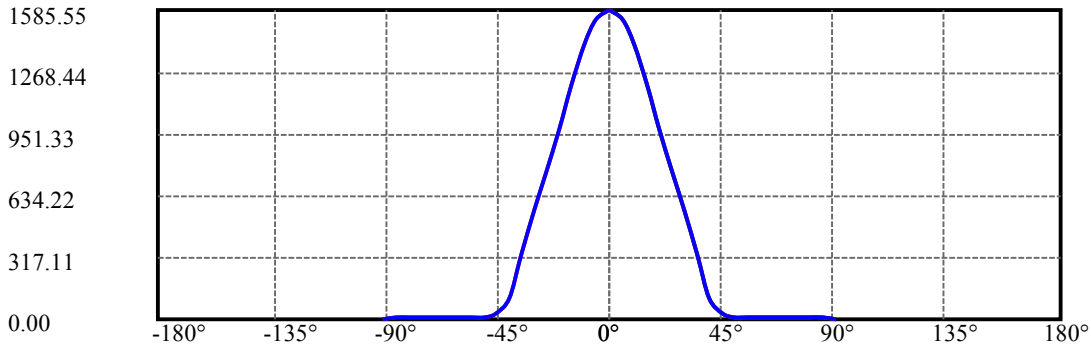
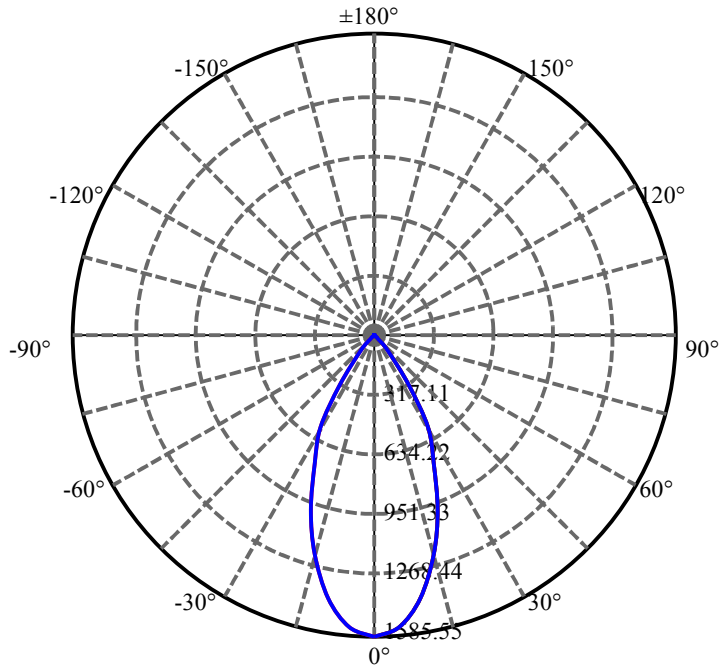
Voltage(V): 33.0800  
Current(A): 0.4100  
Power (W): 13.5620  
PF: 0.0000  
Ballast type: DC  
Width(mm): 0  
Height(mm): 0

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## Photometric Results

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Lumens(lm): 1079.38  
Efficiency(%): 82.27%  
Lumens(lm)/Power(W): 79.59  
Central intensity(cd): 1585.547  
Maximum intensity(cd): 1585.547  
Angle of maximum intensity: C=0.0  $\gamma$ =0.0  
Beam Angle(50%Imax): [C0/180]Total=48.0  
                                  [C90/270]Total=48.0  
Field angle(10%Imax): [C0/180]Total=77.6  
                                  [C90/270]Total=77.6  
Maximum s/h(1/2): C0\_180=0.74 C90\_270=0.74  
Maximum s/h(1/4): C0\_180=0.79 C90\_270=0.79  
Up flux rate of lamp(%): 0.00%  
Down flux rate of lamp(%): 82.27%  
Up flux rate of LUM(%): - -  
Down flux rate of LUM(%): 100.00%  
CIE Type : Direct lighting  
Output flux ratio in  $\pi$  solid angle : 98.517%



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

Field angle(10%Imax):C0/180Left:38.8 Right:38.8  
:C90/270Left:38.8 Right:38.8

Beam Angle(50%Imax):C0/180Left:24.0 Right:24.0  
:C90/270Left:24.0 Right:24.0