



NATA LIGHTING CO.,LTD.  
www.nata.cn  
Email:info@nata.com  
Tel:+86-750-3770000 Fax:+86-750-3771111  
Address:380JinOu Road,GaoXin Zone,Jiang Men City,Guangdong,China

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## Nata

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LumCAT: 3-2044-M4  
Luminaire: 92.70.135.00+92.70.153.00  
Report No: 200921-B017  
Test No: 200921-C017  
LampCAT: Vesta DW LES13 Gen2 PD  
Lamp flux(lm): 1312.0  
Number of Lamps: 1  
Length(mm): 0  
Phm Type: C

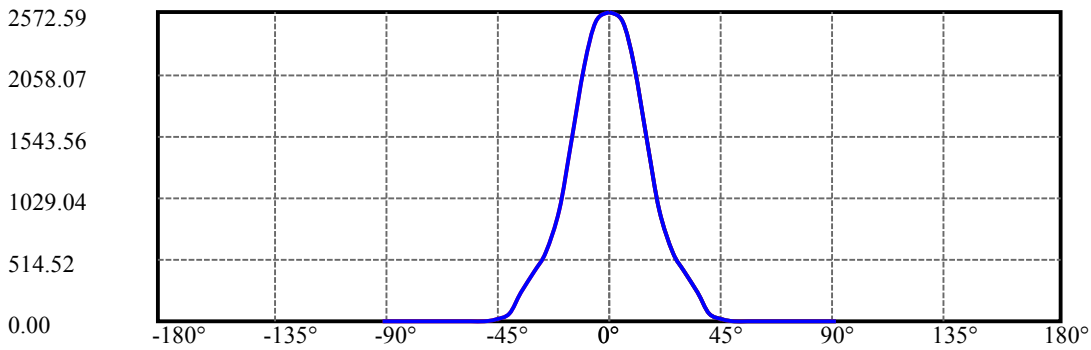
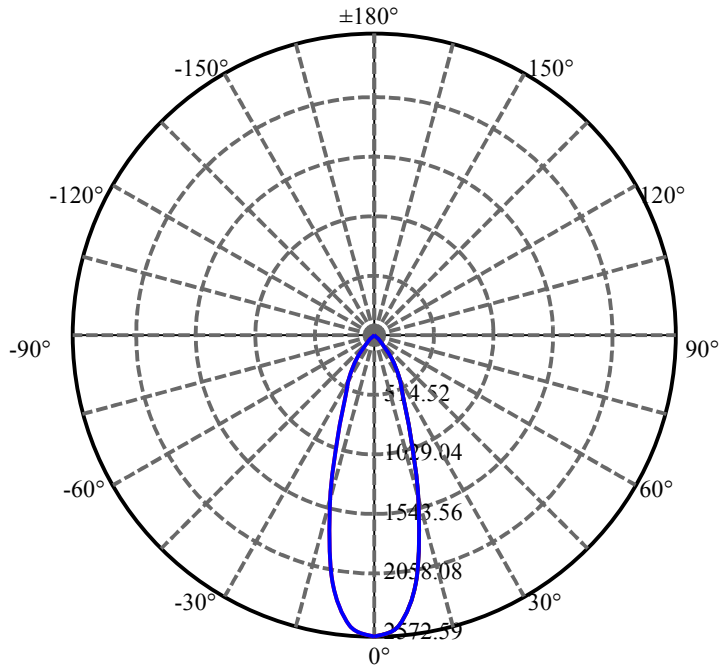
Voltage(V): 33.0700  
Current(A): 0.4100  
Power (W): 13.5580  
PF: 0.0000  
Ballast type: DC  
Width(mm): 0  
Height(mm): 0

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## Photometric Results

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Lumens(lm): 1109.48  
Efficiency(%): 84.56%  
Lumens(lm)/Power(W): 81.83  
Central intensity(cd): 2572.594  
Maximum intensity(cd): 2572.594  
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=69.2  
                                  [C90/270]Total=69.2  
Maximum s/h(1/2): C0\_180=0.55 C90\_270=0.55  
Maximum s/h(1/4): C0\_180=0.57 C90\_270=0.57  
Up flux rate of lamp(%): 0.00%  
Down flux rate of lamp(%): 84.56%  
Up flux rate of LUM(%): - -  
Down flux rate of LUM(%): 100.00%  
CIE Type : Direct lighting  
Output flux ratio in  $\pi$  solid angle : 98.564%



C0(Max): —————

C0/C180: —————

C90/C270: —————

Field angle(10%Imax):C0/180Left:34.6 Right:34.6

:C90/270Left:34.6 Right:34.6

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

:C90/270Left:16.7 Right:16.7