



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

---

## Nata

---

LumCAT: 3-2046-M4  
Luminaire: 92.70.135.00+92.70.153.00  
Report No: 200921-B018  
Test No: 200921-C018  
LampCAT: Vesta DW LES13 Gen2 PD  
Lamp flux(lm): 1312.0  
Number of Lamps: 1  
Length(mm): 0  
Phm Type: C

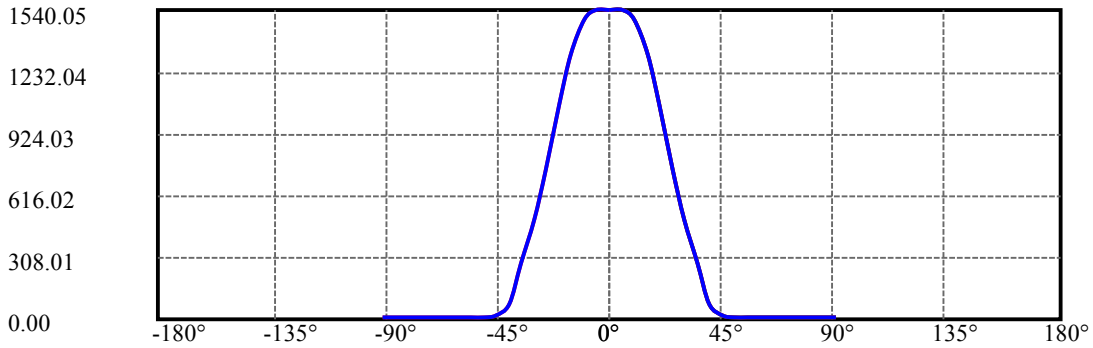
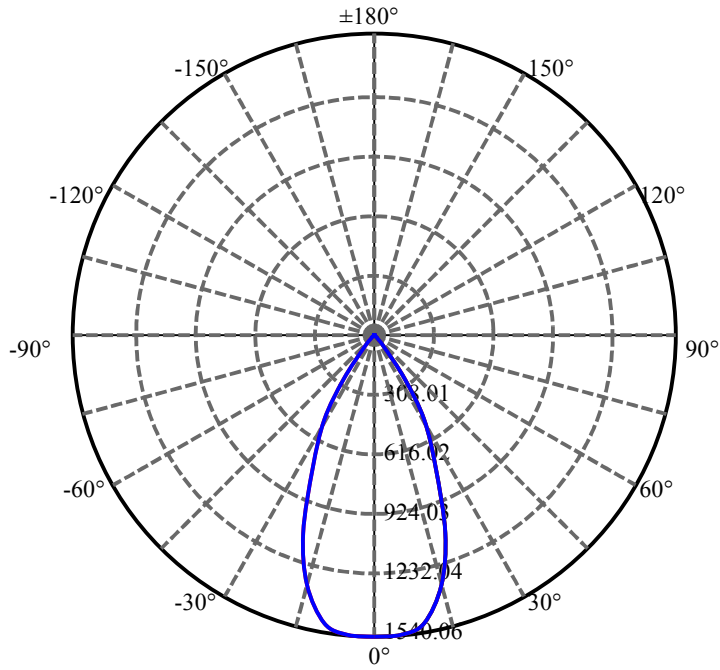
Voltage(V): 33.0500  
Current(A): 0.4100  
Power (W): 13.5500  
PF: 0.0000  
Ballast type: DC  
Width(mm): 0  
Height(mm): 0

---

## Photometric Results

---

Lumens(lm): 1075.33  
Efficiency(%): 81.96%  
Lumens(lm)/Power(W): 79.36  
Central intensity(cd): 1539.844  
Maximum intensity(cd): 1540.055  
Angle of maximum intensity: C=0.0  $\gamma$ =5.0  
Beam Angle(50%Imax): [C0/180]Total=49.3  
                                  [C90/270]Total=49.3  
Field angle(10%Imax): [C0/180]Total=76.2  
                                  [C90/270]Total=76.2  
Maximum s/h(1/2): C0\_180=0.80 C90\_270=0.80  
Maximum s/h(1/4): C0\_180=0.77 C90\_270=0.77  
Up flux rate of lamp(%): 0.00%  
Down flux rate of lamp(%): 81.96%  
Up flux rate of LUM(%): - -  
Down flux rate of LUM(%): 100.00%  
CIE Type : Direct lighting  
Output flux ratio in  $\pi$  solid angle : 98.528%



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

Field angle(10%I<sub>max</sub>):C0/180Left:43.1 Right:33.1  
:C90/270Left:43.1 Right:33.1

Beam Angle(50%I<sub>max</sub>):C0/180Left:29.6 Right:19.6  
:C90/270Left:29.6 Right:19.6