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## Nata

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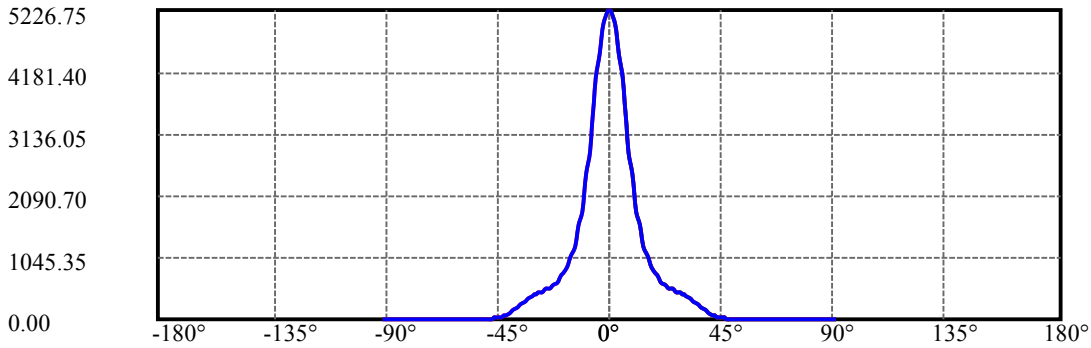
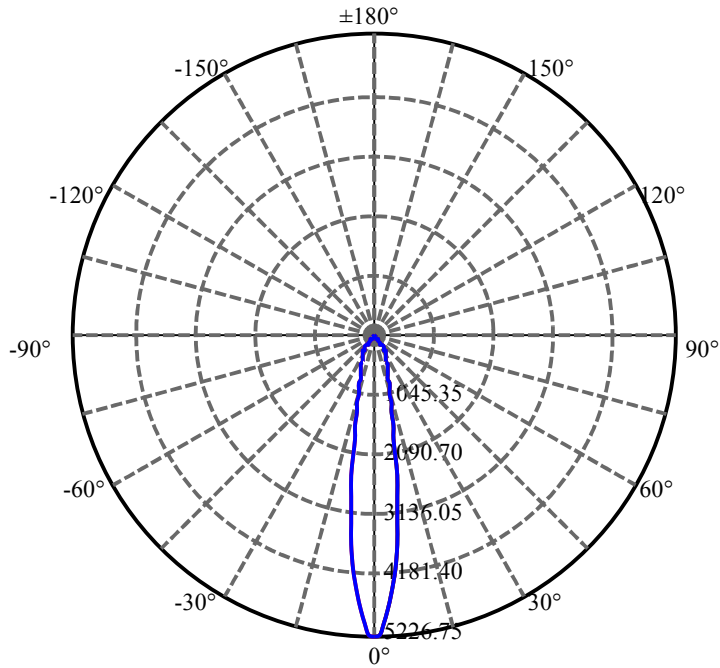
LumCAT: 3-2033-M2	
Luminaire: 92.70.135.00+92.70.153.00	
Report No: 200922-B002	Voltage(V): 33.1200
Test No: 200922-C002	Current(A): 0.4100
LampCAT: Vesta DW LES13 Gen2 PD	Power (W): 13.5790
Lamp flux(lm): 1312.0	PF: 0.0000
Number of Lamps: 1	Ballast type: DC
Length(mm): 0	Width(mm): 0
Phm Type: C	Height(mm): 0

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## Photometric Results

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Lumens(lm): 1075.93  
Efficiency(%): 82.01%  
Lumens(lm)/Power(W): 79.23  
Central intensity(cd): 5226.750  
Maximum intensity(cd): 5226.750  
Angle of maximum intensity: C=0.0  $\gamma$ =0.0  
Beam Angle(50%Imax): [C0/180]Total=17.2  
                                  [C90/270]Total=17.2  
Field angle(10%Imax): [C0/180]Total=48.4  
                                  [C90/270]Total=48.4  
Maximum s/h(1/2): C0\_180=0.29 C90\_270=0.29  
Maximum s/h(1/4): C0\_180=0.32 C90\_270=0.32  
Up flux rate of lamp(%): 0.00%  
Down flux rate of lamp(%): 82.01%  
Up flux rate of LUM(%): - -  
Down flux rate of LUM(%): 100.00%  
CIE Type : Direct lighting  
Output flux ratio in  $\pi$  solid angle : 98.587%



C0(Max): —————

C0/C180: —————

C90/C270: —————

Field angle(10%Imax):C0/180Left:24.2 Right:24.2  
:C90/270Left:24.2 Right:24.2

Beam Angle(50%Imax):C0/180Left:8.6 Right:8.6  
:C90/270Left:8.6 Right:8.6