

LED LowBay Hybrid Lamp 120V

25W

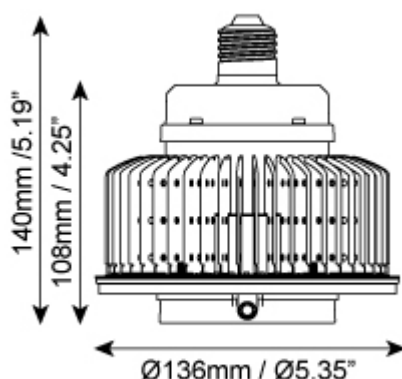
Features

- 25W LED lowbay - Hybrid Lamp
- Universal AC 90-305V, PF>0.9, THD<20%
- 6kV surge protection
- 50° cutoff eliminates glare
- Dual functions:
 - direct retrofit existing magnetic ballast without removing ignitor and capacitor
 - ballast bypass direct AC connection
- Save inventory and installation costs
- Smart electronics provide over temperature protection
- "Batwing" shape creates even light distribution with low glare
- External reflector not required
- Fan-less design eliminates the weakest link and no fan noise
- Occupancy and daylight sensor options only operating under AC line voltage with IR remote control
- Optional upgrade to Bluetooth control (North America only)
- Replace 175W / 400W HID Lamps
- Color Rendering Index: ≥80



Diagrams

Dimensions:



Prosperity Lamps & Components Ltd.

Tel: (852) 2511 0022 Fax: (852) 2511 0082 Web: www.prosperitylamps.com Email: info@prosperitylamps.com

Standards



Applications



Technical Data	
Electrical	
Rated Wattage [W]	25W
Rated Voltage [V/Hz]	90-305Vac, 50/60Hz
Power Factor @120V	0.9
Input Current [mA] @120V	231
LED	SMD
Model	
NB111-25W/8XX	105W
Luminous Flux [lm]	
25W	3500lm @3500K
	3800lm @4000K
	3800lm @5000K
Performance	
SDCM	<6
Estimated Yearly Energy Cost [\$USD]	3.01
Luminous Efficacy [lm/W]	140-152
Color Rendering Index [Ra]	≥80
Color Maintenance [hr]	>6000
Luminous Intensity Distribution [°]	90
Life [Yrs] (based on 3hrs/day)	46
Lumen Maintenance at 6000hrs	>0.8
Rapid Cycle Stress	>15,000 cycles
Start Time [sec]	<0.5
LED Failure	<5%
Mechanical	
Diameter D [in]	Φ5.35
Height H [in]	5.19
Base	E26

Material	Body: Anodized aluminium
	Optics: PC
Standard Compliance	
ANSI	UL8750, UL1993, C82.77-2002, C78.377-2008
Mercury Content [mg]	0.0
Other	
Dimmable [Y/N]	Optional
Operation Temperature	-20°C ~ 50°C
Storage Temperature	-10°C ~ 30°C