

LED LowBay Hybrid Lamp

25W

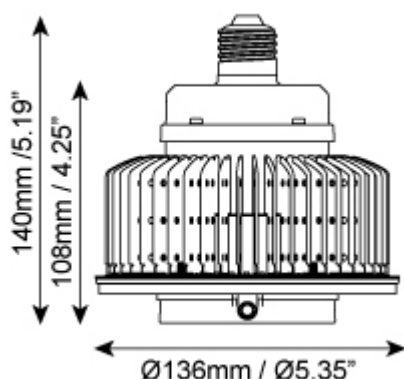
Features

- 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:



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Standards



Applications



Technical Data	
Electrical	
Rated Wattage [W]	25W
Rated Voltage [V/Hz]	90-305Vac, 50/60Hz
Power Factor @230V	0.9
Input Current [mA] @230V	121
LED	SMD
Model	
NB111-25W/8XX	25W
Luminous Flux [lm]	
25W	3500lm @3500K
	3800lm @4000K
	3800lm @5000K
Performance	
SDCM	<6
Efficacy [lm/W]	140-152
Color Rendering Index [Ra]	≥80
Beam Angle [°]	90
Rated Life, Ta@25°C [hrs]	50,000
Lamp Survival Factor at 6000hrs	>0.9
Lumen Maintenance at 6000hrs	>0.8
Number of Switching Cycles Before Failure	>15,000
Starting Time [S]	<0.5
Warm Up Time [S]	<2
Premature Failure At 1000hrs	<5%
Mechanical	
Diameter D [mm]	Φ136
Height H [mm]	140
Base	E27

Material	Body: Anodized Aluminium
	Optics: PC
Standard Compliance	
CE-LVD	EN60598-1, EN60598-2-2
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
Environment	RoHS
Mercury Content [mg]	0.0
Other	
Dimmable [Y/N]	Optional
Operation Temperature	-20°C ~ 50°C
Storage Temperature	-10°C ~ 30°C