

LED HighBay Hybrid Lamp

105W/150W

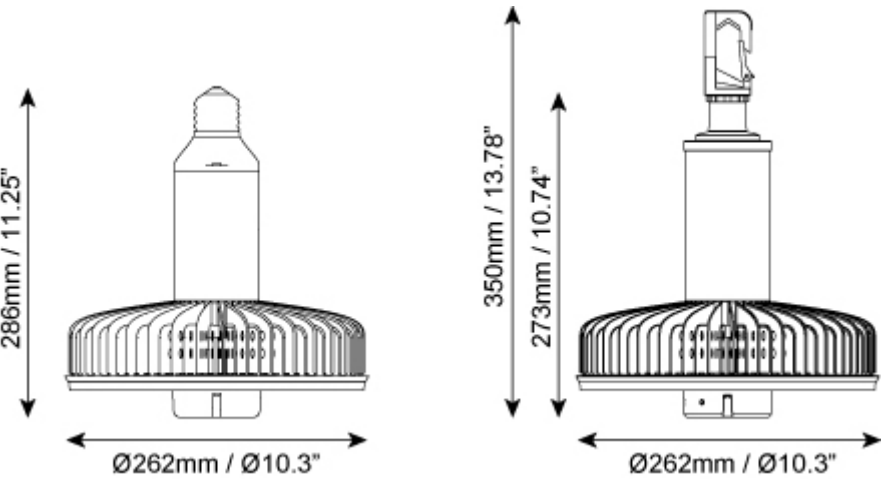
Features

- 105W / 150W LED Highbay - Hybrid Lamp
- 150W version is NOT recommended for enclosed reflector*
- 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
- 0-10V dimming only operating under direct AC line voltage
- Occupancy and daylight sensor options only operating under AC line voltage with IR remote control
- Optional upgrade to Bluetooth control (North America only)
- Replace 400W / 600W HID Lamps
- Color Rendering Index: ≥80



Diagrams

Dimensions:



Standards



Applications



Warehouse

Technical Data	
Electrical	
Rated Wattage [W]	105W / 150W*
Rated Voltage [V/Hz]	90-305Vac, 50/60Hz
Power Factor @230V	0.9
Input Current [mA] @230V	507 / 725
LED	SMD
Model	
NH101-105W/840	105W
NH101-105W/850	105W
NH102-150W/840*	150W
NH102-150W/850*	150W
Luminous Flux [lm]	
105W	15000lm @4000K

	15000lm @5000K
150W	20000lm @4000K
	20000lm @5000K
Performance	
SDCM	<6
Efficacy [lm/W]	133-143
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]	Φ262
Height H [mm]	286, 350 (Hook mount)
Base	E40 / Hook mount
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]	Y
Operation Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 60°C