LED HighBay Hybrid Lamp 120V 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

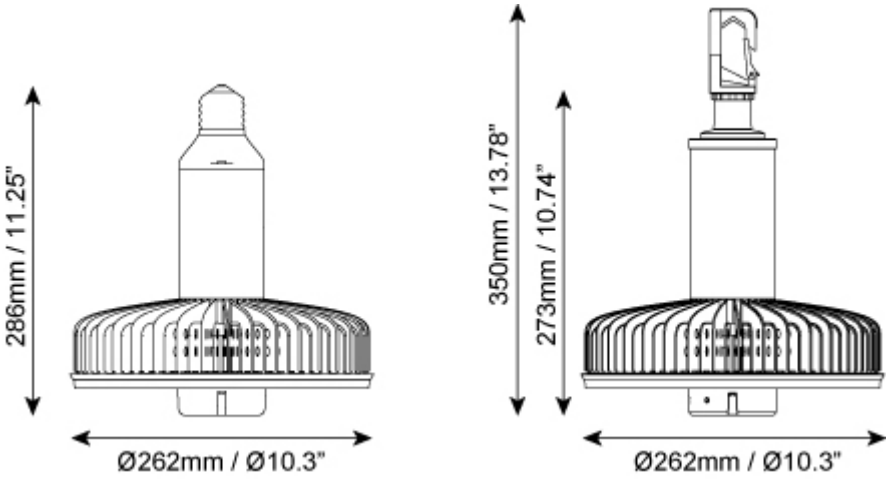


Diagrams

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Dimensions:



Standards

Applications

Warehouse

Technical Data	
Electrical	
Rated Wattage [W]	105W / 150W*
Rated Voltage [V/Hz]	90-305Vac, 50/60Hz
Power Factor @120V	0.9
Input Current [mA] @120V	972 / 1390
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

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	15000lm @5000K
150W	20000lm @4000K
	20000lm @5000K
Performance	
SDCM	<6
Estimated Yearly Energy Cost [$USD]	12.65 / 18.07
Luminous Efficacy [lm/W]	133-143
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]	Φ10.3
Height H [in]	11.25, 13.78 (Hook mount)
Base	EX39 / Hook mount
Material	Body: Anodized aluminium
	Optics: PC
Standard Compliance	
ANSI	UL8750, UL1993, C82.77-2002, C78.377-2008
FCC	FCC CFR Part 15
Mercury Content [mg]	0.0
Other	
Dimmable [Y/N]	Y
Operation Temperature	-20°C ~ 50°C
Storage Temperature	-10°C ~ 30°C

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