

LED HighBay NH131E-133E

100W/150W/200W

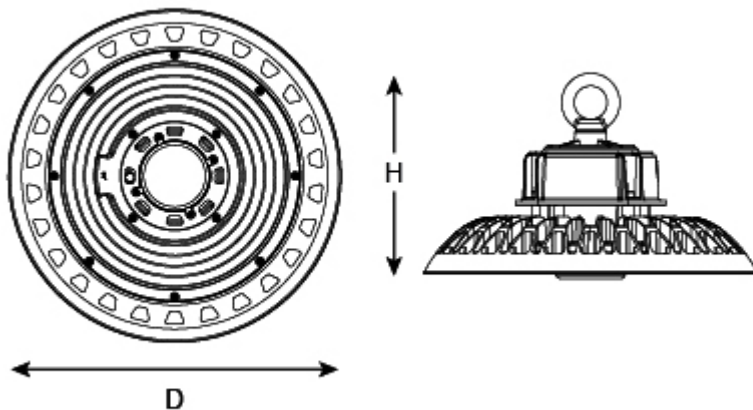
Features

- 100W / 150W / 200W LED Highbay
- 60° / 90° / 120° beam angles for large open area coverage
- Uniformity distribution in high ceiling application
- Color Rendering Index: ≥80



Diagrams

Dimensions:



(Unit : mm)	(D)		(H)
NH131E	Ø290	x	174
NH132E	Ø340	x	181
NH133E	Ø380	x	183

Prosperity Lamps & Components Ltd.

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Back View:



Microwave remote control:



Standards



Applications



Warehouse

Technical Data	
Electrical	
Rated Wattage [W]	100W / 150W / 200W
Rated Voltage [V/Hz]	100-277Vac, 50/60Hz

Power Factor @230V	0.9
Input Current [mA] @230V	483 / 725 / 966
LED	SMD
Model	
NH131E-100W/830	100W 3000K
NH131E-100W/840	100W 4000K
NH131E-100W/865	100W 6500K
NH132E-150W/830	150W 3000K
NH132E-150W/840	150W 4000K
NH132E-150W/865	150W 6500K
NH133E-200W/830	200W 3000K
NH133E-200W/840	200W 4000K
NH133E-200W/865	200W 6500K
Luminous Flux [lm]	
100W	14500lm @3000K
	15000lm @4000K
	15500lm @6500K
150W	21750lm @3000K
	22500lm @4000K
	23250lm @6500K
200W	29000lm @3000K
	30000lm @4000K
	31000lm @6500K
Performance	
SDCM	<6
Efficacy [lm/W]	145-155
Color Rendering Index [Ra]	≥80
Beam Angle [°]	60 / 90 / 120
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]	Φ200 / Φ340 / Φ380
Height H [mm]	174 / 181 / 183
Material	Body: Die-cast Aluminium
	Lens: PC
	Chips: Philips Lumileds 3030
	Driver: Meanwell / Sosen
Standard Compliance	
CE-LVD	EN60598-1, EN60598-2-2

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CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
Mercury Content [mg]	0.0
Electrical Class	I
Other	
Dimmable [Y/N]	N
Operation Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 60°C