

LED LowBay NB101A-103A

36W/45W/55W

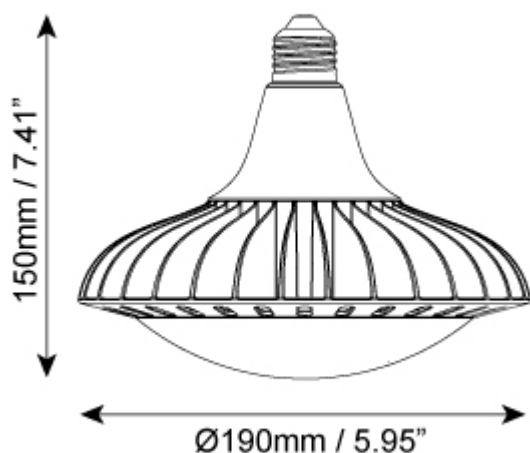
Features

- 36W / 45W / 55W LED Lowbay
- Ideal replacement of MH100W / 150W / 175W
- Compatible with most canopy and lowbay fixtures for easy installation
- Suitable for enclosed fixture with base up burning position
- Ambient 50°C free air and fanless design for high reliability
- Integrated with uplight to avoid dark ceiling
- 120° beam angle for large area coverage
- Uniformity distribution in high ceiling application
- Color Rendering Index: ≥ 80



Diagrams

Dimensions:



Prosperity Lamps & Components Ltd.

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Common Fixtures:



Standards



Applications



Technical Data	
Electrical	
Rated Wattage [W]	36W / 45W / 55W
Rated Voltage [V/Hz]	100-277Vac, 50/60Hz
Power Factor @230V	0.9
Input Current [mA] @230V	174 / 217 / 266
LED	SMD
Model	
NB101A-36W/8XX	36W
NB102A-45W/8XX	45W
NB103A-55W/8XX	55W
Luminous Flux [lm]	

36W	4140lm @3000K
	4320lm @4000K
	4320lm @6500K
45W	5175lm @3000K
	5400lm @4000K
	5400lm @6500K
55W	6325lm @3000K
	6600lm @4000K
	6600lm @6500K
Performance	
SDCM	<6
Efficacy [lm/W]	115-120
Color Rendering Index [Ra]	≥80
Beam Angle [°]	120, with uplight
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]	Φ190
Height H [mm]	150
Base	E27
Material	Body: Anodized Aluminium
	Diffuser: 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]	N
Operation Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 60°C