

LED LowBay NB101A-103A 120V

36W/45W/55W

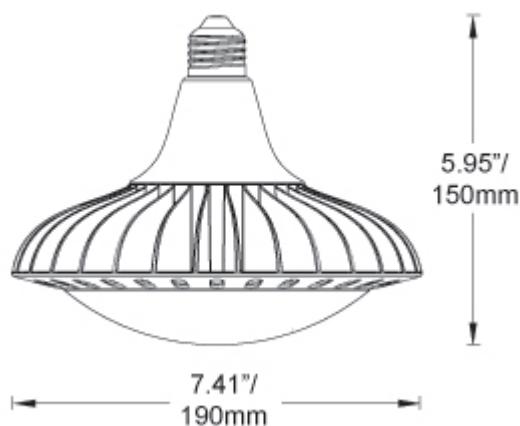
Features

- 36W / 45W / 55W LED lowbay
- Ideal replacement of MH100W / 150W / 175W in E26 medium base
- Compatible with most canopy and low bay fixtures for easy installation
- UL Type B (ballast bypass) lamp wiring
- 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
- 1.1Kg / 2.42lb meet UL standards
- 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 @120V	0.9
Input Current [mA] @120V	333 / 417 / 509
LED	SMD
Model	
NB101A-36W/8XX	36W
NB102A-45W/8XX	45W
NB103A-55W/8XX	55W
Luminous Flux [lm]	

36W	4320lm @5000K
45W	5400lm @5000K
55W	6600lm @5000K
Performance	
SDCM	<6
Estimated Yearly Energy Cost [\$USD]	4.34 / 5.42 / 6.62
Luminous Efficacy [lm/W]	120
Color Rendering Index [Ra]	≥80
Color Maintenance [hr]	>6000
Luminous Intensity Distribution [°]	120, with uplight
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]	Φ7.41
Height H [in]	5.95
Base	E26
Material	Body: Anodized Aluminium
	Diffuser: 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]	N
Operation Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 60°C