

LED Bulkhead NB101E

7W/14W

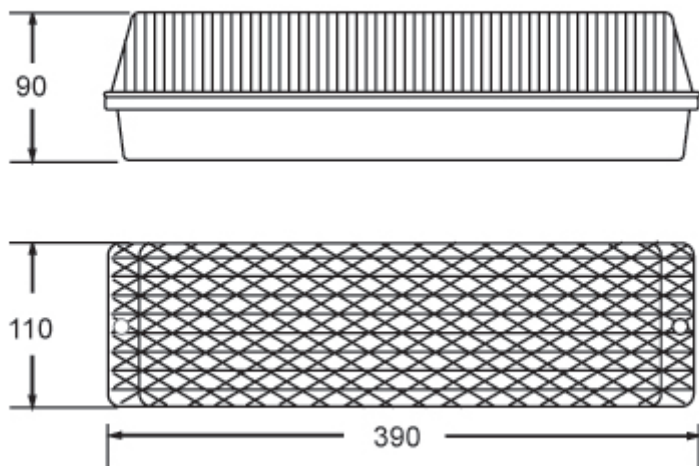
Features

- LED bulkhead light fitting
- Symmetric direct light distribution
- Auto cut off mains with gear tray opens as an option
- Operate reliably from -20°C to +40°C ambient temperature
- Guarantees functionality in dusty and humid environment
- Good color rendition, Ra ≥80



Diagrams

Dimensions:



Prosperity Lamps & Components Ltd.

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Standards



IP65

Applications



Parking



Garden



Warehouse



Station

Technical Data

Electrical

Rated Wattage [W]	7W / 14W
Rated Voltage [V/Hz]	100-240V, 50/60Hz
Power Factor @230V	0.9
Input Current [mA] @230V	34 / 68
LED	SMD

Model

NB101E-7W/8XX	7W
NB101E-7W/8XX-S	7W (2 Step Dimming Sensing)
NB101E-7W/8XX-EM	7W (3 Hours Emergency)
NB101E-7W/8XX-S-EM	7W (Sensing & Emergency)
NB101E-14W/8XX	14W
NB101E-14W/8XX-S	14W (2 Step Dimming Sensing)
NB101E-14W/8XX-EM	14W (3 Hours Emergency)
NB101E-14W/8XX-S-EM	14W (Sensing & Emergency)

Luminous Flux [lm]

7W / 7W-S	780lm @3000K
	810lm @4000K
	840lm @6500K
7W-EM / 7W-S-EM	710lm @3000K
	740lm @4000K
	770lm @6500K
14W / 14W-S	1560lm @3000K
	1620lm @4000K
	1680lm @6500K
14W-EM / 14W-S-EM	1420lm @3000K
	1480lm @4000K

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	1540lm @6500K
Performance	
SDCM	<6
Efficacy [lm/W]	101-120
Color Rendering Index [Ra]	≥80
Beam Angle [°]	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%
Emergency Output	30%
Emergency Duration [hrs]	3
Charge Time [hrs]	12
Mechanical	
Length L [mm]	390
Width W [mm]	110
Height H [mm]	90
Material	Body : Die cast aluminum with matt white finish Diffuser: Clear prismatic polycarbonate
Sensor type	Microwave 5.8 GHz
Sensor distance [m]	1-8
Standby time [s]	10-300
Standby power [W]	0.9
Sensor detection angle [°]	120
Standard Compliance	
CE-LVD	EN60598-1, EN60598-2-2, EN60598-2-22
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
CE-EMF	EN62493
Mercury Content [mg]	0.0
Electrical Class	I
Other	
Dimmable [Y/N]	Y
Operation Temperature	-20°C ~ 40°C
Storage Temperature	-30°C ~ 60°C