

LED Downlight ND321S-322S 5CCT

8.7W/12.5W

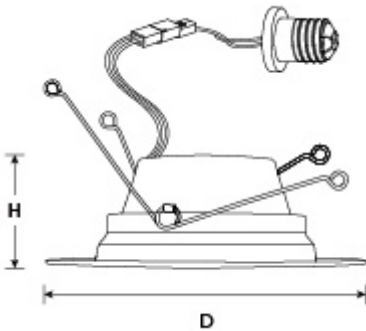
Features

- 8.7W / 12.5W LED Dimmable Downlight
- Recessed round, uniform distribution
- Selectable CCT via dip-switch
- Inventory cost saving
- Comfort glare-free diffuser
- California Energy Commission (CEC) Title 24 compliant
- Suitable for 4in / 5in / 6in recessed can
- TRIAC dimmable
- High color rendition, Ra ≥90



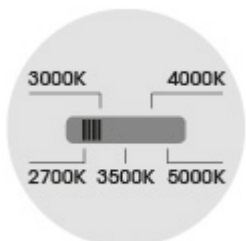
Diagrams

Dimensions:



(Unit : inch)	(D)	(H)
8.7W	Ø5.12/7.36	x 1.89/1.97
12.5W	Ø7.36	x 1.97

Dip-switch:



Prosperity Lamps & Components Ltd.

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Standards



Applications



Home



Office



Shopping mall



Hotel



Supermarket



Restaurant



School



Hospital



Gallery



Museum

Technical Data	
Electrical	
Rated Wattage [W]	8.7W / 12.5W
Rated Voltage [V/Hz]	110-130Vac, 50/60Hz
Power Factor @120V	0.9
Input Current [mA] @120V	81 / 116
Model	
ND321S-8.7W/9XX	8.7W
ND322S-8.7W/9XX	8.7W
ND322S-12.5W/9XX	12.5W
Luminous Flux [lm]	
8.7W	700lm @2700K-3000K-3500K-4000K-5000K
12.5W	1000lm @2700K-3000K-3500K-4000K-5000K
Performance	
SDCM	<6
Estimated Yearly Energy Cost [\$USD]	1.05 / 1.51
Luminous Efficacy [lm/W]	80
Color Rendering Index [Ra]	≥90
Color Maintenance [hr]	>6000
Luminous Intensity Distribution [°]	100
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%

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Mechanical	
Diameter D [in]	8.7W: Ø5.12 / Ø7.36 12.5W: Ø7.36
Height H [in]	8.7W: 1.89 / 1.97 12.5W: 1.97
Material	Body: Sheet steel with white finish Trim: Sheet steel with white finish Diffuser: Opal PC, UV protected
Standard Compliance	
ANSI	UL8750, UL1993, C82.77-2002, C78.377-2008
Mercury Content [mg]	0.0
Other	
Dimmable [Yes/Only with specific dimmers/No]	Yes
Operation Temperature	-20°C ~ 50°C
Storage Temperature	-10°C ~ 30°C