

LED Downlight ND211E-217E

3W/6W/9W/12W/15W/18W/24W

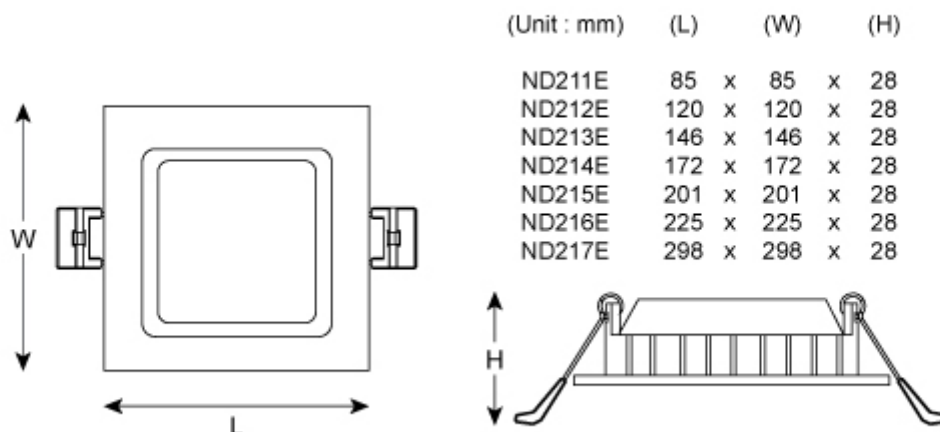
Features

- 3W / 6W / 9W / 12W / 15W / 18W / 24W LED Downlight
- Recessed square, uniform distribution
- Comfort glare-free diffuser
- Integral gear unit allows quick and easy installation
- Ideal replacement up to 2x26W compact fluo. downlight
- Cut out dimensions 75x75mm / 110x110mm / 135x135mm / 160x160mm / 190x190mm / 215x215mm / 285x285mm
- Color Rendering Index: ≥80



Diagrams

Dimensions:



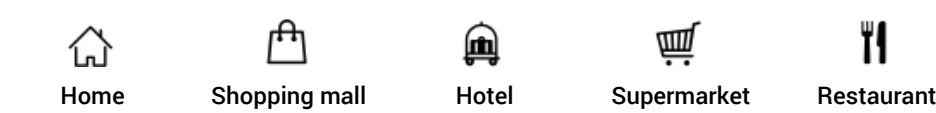
Prosperity Lamps & Components Ltd.

Tel: (852) 2511 0022 Fax: (852) 2511 0082 Web: www.prosperitylamps.com Email: info@prosperitylamps.com

Standards



Applications



Technical Data	
Electrical	
Rated Wattage [W]	3W / 6W / 9W / 12W / 15W / 18W / 24W
Rated Voltage [V/Hz]	220-240V, 50/60Hz
Power Factor @230V	0.5
Input Current [mA] @230V	26 / 52 / 78 / 104 / 130 / 157 / 209
LED	SMD
Model	
ND211E-3W/8XX	3W
ND212E-6W/8XX	6W
ND213E-9W/8XX	9W
ND214E-12W/8XX	12W
ND215E-15W/8XX	15W
ND216E-18W/8XX	18W
ND217E-24W/8XX	24W
Luminous Flux [lm]	
3W	160lm @3000K
	170lm @4000K
	170lm @6500K
6W	395lm @3000K
	420lm @4000K
	420lm @6500K
9W	625lm @3000K
	660lm @4000K
	660lm @6500K
12W	820lm @3000K
	860lm @4000K
	860lm @6500K

15W	1110lm @3000K
	1165lm @4000K
	1165lm @6500K
18W	1330lm @3000K
	1390lm @4000K
	1390lm @6500K
24W	1970lm @3000K
	2070lm @4000K
	2070lm @6500K

Performance	
SDCM	<6
Efficacy [lm/W]	53-86
Color Rendering Index [Ra]	≥80
Beam Angle [°]	110
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	
Length L [mm]	85 / 120 / 146 / 172 / 201 / 225 / 298
Width W [mm]	85 / 120 / 146 / 172 / 201 / 225 / 298
Height H [mm]	28
Cut out dimensions [mm*mm]	75x75 / 110x110 / 135x135 / 160x160 / 190x190 / 215x215 / 285x285
Material	Body: Die-cast aluminium with white finish
	Trim: Die-cast aluminium, UV protected
	Diffuser: Frosted PS, UV protected

Standard Compliance	
CE-LVD	EN60598-1, EN60598-2-2
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
Mercury Content [mg]	0.0
Electrical Class	II
Other	
Dimmable [Y/N]	N
Operation Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 60°C