LED Downlight ND221E-227E
3W/6W/9W/12W/15W/18W/24W

Features

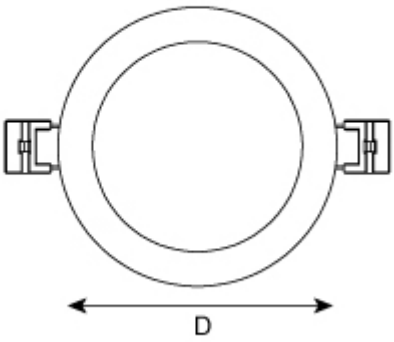




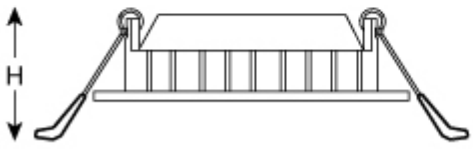
· 3W / 6W / 9W / 12W / 15W / 18W / 24W LED Downlight
· Recessed round, uniform distribution
· Comfort glare-free diffuser
· Integral gear unit allows quick and easy installation
· Ideal replacement up to 2x26W compact fluo. downlight
· Cut out diameters Ø75mm / Ø110mm / Ø135mm / Ø160mm / Ø180mm / Ø210mm / Ø285mm
· Color Rendering Index: ≥80

Diagrams

Dimensions:



(Unit : mm)	(D)		(H)
ND221E	Ø85	x	30
ND222E	Ø120	x	30
ND223E	Ø146	x	30
ND224E	Ø172	x	30
ND225E	Ø192	x	30
ND226E	Ø225	x	30
ND227E	Ø295	x	30



Prosperity Lamps & Components Ltd.
Tel: (852) 2511 0022 Fax: (852) 2511 0082 Web: www.prosperitylamps.com Email: info@prosperitylamps.com

©2024 Prosperity Lamps & Components Ltd. All rights reserved

Standards

IP20

Applications

Home | Shopping mall | Hotel | Supermarket | Restaurant

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	
ND221E-3W/8XX	3W
ND222E-6W/8XX	6W
ND223E-9W/8XX	9W
ND224E-12W/8XX	12W
ND225E-15W/8XX	15W
ND226E-18W/8XX	18W
ND227E-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

Prosperity Lamps & Components Ltd.
Tel: (852) 2511 0022 Fax: (852) 2511 0082 Web: www.prosperitylamps.com Email: info@prosperitylamps.com

©2024 Prosperity Lamps & Components Ltd. All rights reserved

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	
Diamter D [mm]	Ø85 / Ø120 / Ø146 / Ø172 / Ø192 / Ø225 / Ø295
Height H [mm]	30
Cut out diameters [mm]	Ø75 / Ø110 / Ø135 / Ø160 / Ø180 / Ø210 / Ø285
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

Prosperity Lamps & Components Ltd.
Tel: (852) 2511 0022 Fax: (852) 2511 0082 Web: www.prosperitylamps.com Email: info@prosperitylamps.com

©2024 Prosperity Lamps & Components Ltd. All rights reserved