LED Downlight ND241E-243E
12W/18W/24W

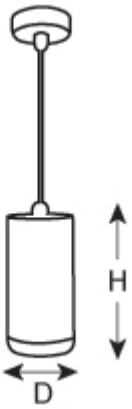


Features

· 12W / 18W / 24W LED Downlight
· Suspended mounting
· Comfort glare-free diffuser
· Color Rendering Index: ≥80

Diagrams

Dimensions:



(Unit : mm)	(D)	(H)
12W	Ø70 x	126
18W	Ø70 x	140
24W	Ø70 x	161

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Standards

CE IP20

Applications

Home | Shopping mall | Hotel | Supermarket | Restaurant

Technical Data	
Electrical	
Rated Wattage [W]	12W / 18W / 24W
Rated Voltage [V/Hz]	220-240V, 50/60Hz
Power Factor @230V	0.5
Input Current [mA] @230V	104 / 157 / 209
LED	COB
Model	
ND241E-12W/8XX	12W
ND242E-18W/8XX	18W
ND243E-24W/8XX	24W
Luminous Flux [lm]	
12W	960lm @3000K
	980lm @4000K
	1000lm @6500K
18W	1300lm @3000K
	1380lm @4000K
	1450lm @6500K
24W	1750lm @3000K
	1800lm @4000K
	1850lm @6500K
Performance	
SDCM	<6
Efficacy [lm/W]	72-83
Color Rendering Index [Ra]	≥80
Beam Angle [°]	15 / 24 / 38
Rated Life, Ta@25°C [hrs]	25,000
Lamp Survival Factor at 6000hrs	>0.9
Lumen Maintenance at 6000hrs	>0.8

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Number of Switching Cycles Before Failure	>15,000
Starting Time [S]	<0.5
Warm Up Time [S]	<2
Premature Failure At 1000hrs	<5%
Mechanical	
Diameter D [mm]	Ø70
Height H [mm]	126 / 140 / 161
Material	Body: Die-cast aluminium with Black finish
	Diffuser: Frosted PMMA, 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	I
Other	
Dimmable [Y/N]	N
Operation Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 60°C

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