

LED Downlight ND111E-114E

2.5W/3.5W/4.5W/6W

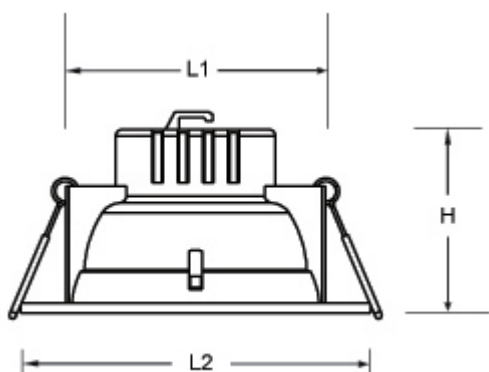
Features

- 2.5W / 3.5W / 4.5W / 6W LED Downlight
- Recessed round, uniform distribution
- Comfort glare-free diffuser
- Ideal replacement up to 13W compact fluo. Downlight
- Color Rendering Index: ≥ 70



Diagrams

Dimensions:



	(L1)		(L2)		(H)
ND111E :	80	x	95	x	60
ND112E :	90	x	105	x	60
ND113E :	105	x	120	x	60
ND114E :	120	x	140	x	60

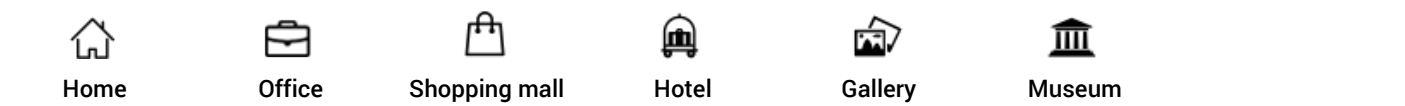
Standards

**IP20**

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Applications



Technical Data	
Electrical	
Rated Wattage [W]	2.5W / 3.5W / 4.5W / 6W
Rated Voltage [V/Hz]	220-240Vac, 50/60Hz
Power Factor @230V	0.12 / 0.15 / 0.18 / 0.24
Input Current [mA] @230V	91 / 101 / 109 / 109
LED	SMD
Model	
ND111E-2.5W/WW	2.5W
ND111E-2.5W/D	2.5W
ND112E-3.5W/WW	3.5W
ND112E-3.5W/D	3.5W
ND113E-4.5W/WW	4.5W
ND113E-4.5W/D	4.5W
ND114E-6W/WW	6W
ND114E-6W/D	6W
Luminous Flux [lm]	
2.5W	150lm @3000K
	160lm @6500K
3.5W	210lm @3000K
	220lm @6500K
4.5W	320lm @3000K
	340lm @6500K
6W	390lm @3000K
	410lm @6500K
Performance	
SDCM	<6
Efficacy [lm/W]	60-76
Color Rendering Index [Ra]	≥70
Beam Angle [°]	60
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 L1 [mm]	80 / 90 / 105 / 120
Length L2 [mm]	95 / 105 / 120 / 140
Height H [mm]	60
Material	Body: PC with white finish
	Trim: PC, 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