

LED Ceiling Light NC101E-103E

14W/18W/24W

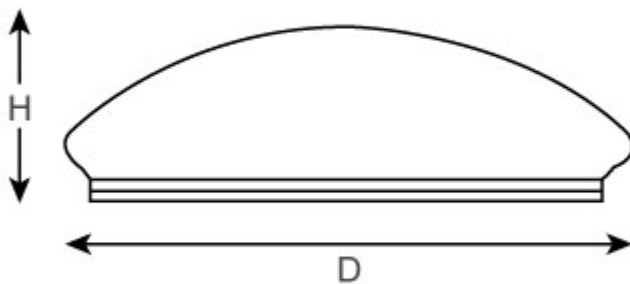
Features

- 14W / 18W / 24W LED Ceiling light
- Uniform distribution with opal diffuser
- Comfort glare-free light
- Color Rendering Index: ≥ 80



Diagrams

Dimensions:



(Unit : mm)	(D)	(H)
NC101E	Ø260 x	100
NC102E	Ø340 x	105
NC103E	Ø380 x	110

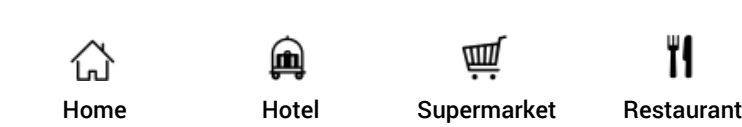
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Standards



Applications



Technical Data	
Type of Light Source	
Lighting Technology Used	LED
Non-directional or Directional [NDLS/DLS]	NDLS
Mains or Non-mains [MLS/NMLS]	MLS
Connected Light Source	No
Color tunable light source	No
Envelop [No/Second/Non-Clear]	No
High Luminance Light Source	No
Anti-glare Shield	No
Electrical	
Rated Wattage [W]	14W / 18W / 24W
On-mode Power [W]	14W / 18W / 24W
Standby Power [W]	N/A
Networked Standby Power [W]	N/A
Rated Voltage [V/Hz]	220-240V, 50/60Hz
Power Factor	0.5
Input Current [mA] @230V	122 / 157 / 209
LED	SMD
Model	
NC101E-14W/8XX	14W
NC102E-18W/8XX	18W
NC103E-24W/8XX	24W
Luminous Flux (Useful Luminous Flux) [lm]	
14W	900lm(1300lm) @3000K
	950lm(1380lm) @4000K
	1000lm(1450lm) @6500K
18W	1150lm(1830lm) @3000K
	1200lm(1880lm) @4000K

	1250lm(1930lm) @6500K
24W	1650lm(2500lm) @3000K
	1790lm(2550lm) @4000K
	1930lm(2600lm) @6500K
Performance	
SCDM	<5
Chromaticity coordinates [x, y]	0.44, 0.403@3000K / 0.38, 0.38@4000K / 0.312, 0.335@6500K
Efficacy [lm/W]	93-108
Color Rendering Index [Ra]	≥80
R9 colour rendering index value	2
Beam Angle [°]	170
Rated Life, Ta@25°C [hrs]	25,000
Lamp Survival Factor	>0.9
Lumen Maintenance	>0.96
Number of Switching Cycles Before Failure	15,000
Starting Time [S]	<0.5
Warm Up Time [S]	<2
Premature Failure At 1000hrs	<5%
Displacement Factor [cosØ]	0.7
Flicker Metric [Pst LM]	1
Stroboscopic Effect Metric [SVM]	0.4
Mechanical	
Diameter D1 [mm]	Ø260 / Ø340 / Ø380
Height H [mm]	100 / 105 / 110
Material	Body : Sheet steel with white finish Diffuser: Opaque acrylic
Standard Compliance	
CE-LVD	EN62560
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
CE-EMF	EN62493
Environment	RoHS
Mercury Content [mg]	0.0
Energy Class	F
	*Energy efficiency class based on light source lumen
Other	
Dimmable [Yes/Only with specific dimmers/No]	No
Operation Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Energy Consumption in on-mode [kWh/1000h]	14kWh / 18kWh / 24kWh