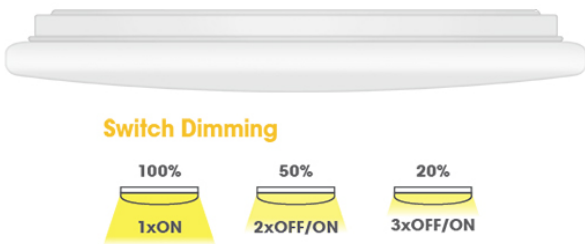


LED Ceiling Light NC221E-224E

14W/20W/24W/32W

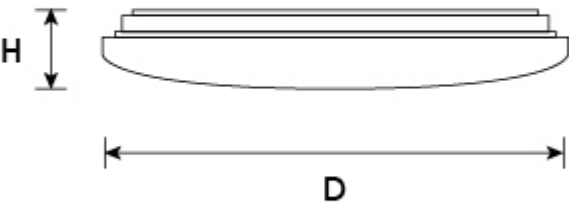
Features

- 14W / 20W / 24W / 32W LED Ceiling light
- Uniform distribution with opal diffuser
- Switch dimming with 100%, 50% and 20% adjustable lumen output
- Comfort glare-free light
- Good color rendition, Ra ≥80



Diagrams

Dimensions:



(Unit : mm)	(D)	(H)
NC221E	Ø260 x	52
NC222E	Ø300 x	52
NC223E	Ø334 x	52
NC224E	Ø376 x	52

Standards



Applications



Technical Data		
Type of Light Source		
Lighting Technology Used	LED	
Non-directional or Directional [NDLS/DLS]	DLS	
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 / 20W / 24W / 32W	
On-mode Power [W]	14W / 20W / 24W / 32W	
Standby Power [W]	N/A	
Networked Standby Power [W]	N/A	
Rated Voltage [V/Hz]	220-240V, 50/60Hz	
Power Factor	0.9	
Input Current [mA] @230V	68 / 97 / 116 / 155	
Model		
NC221E-14W/8XX	14W	
NC222E-20W/8XX	20W	
NC223E-24W/8XX	24W	
NC224E-32W/8XX	32W	
Luminous Flux (Useful Luminous Flux) [lm]		
14W	1165lm (1105lm) @3000K	
	1190lm (1130lm) @4000K	
	1230lm (1170lm) @6500K	
20W	1660lm (1580lm) @3000K	
	1700lm (1615lm) @4000K	

	1760lm (1670lm) @6500K
24W	1990lm (1890lm) @3000K
	2040lm (1940lm) @4000K
	2110lm (2000lm) @6500K
32W	2655lm (2520lm) @3000K
	2720lm (2585lm) @4000K
	2815lm (2675lm) @6500K
Performance	
SCDM	<6
Chromaticity coordinates [x, y]	0.44, 0.403@3000K / 0.38, 0.38@4000K / 0.312, 0.335@6500K
Efficacy [lm/W]	79-84
Color Rendering Index [Ra]	≥80
R9 colour rendering index value	2
Beam Angle [°]	120
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 / 0.7 / 0.7 / 0.9
Flicker Metric [Pst LM]	1
Stroboscopic Effect Metric [SVM]	0.4
Mechanical	
Diameter D [mm]	260 / 300 / 334 / 376
Height H [mm]	52
Material	Body : Sheet steel with white finish
	Diffuser: Opaque acrylic
Standard Compliance	
CE-LVD	EN60598-1, EN60598-2-2
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
CE-EMF	EN62493
Environment	RoHS
Mercury Content [mg]	0.0
Energy Class	F
Other	
Dimmable [Yes/Only with specific dimmers/No]	Y
Operation Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Energy Consumption in on-mode [kWh/1000h]	14kWh / 20kWh / 24kWh / 32kWh