

LED Ceiling Light NC211E-214E

14W/20W/24W/32W

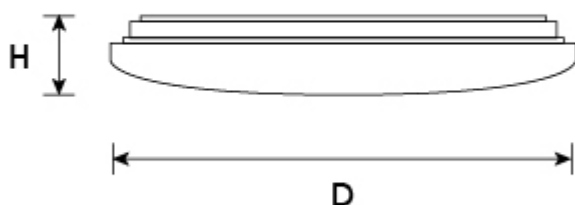
Features

- 14W / 20W / 24W / 32W LED Ceiling light
- Uniform distribution with opal diffuser
- Comfort glare-free light
- Good color rendition, Ra ≥80



Diagrams

Dimensions:



(Unit : mm)	(D)	(H)
NC211E	Ø260 x	52
NC212E	Ø300 x	52
NC213E	Ø334 x	52
NC214E	Ø376 x	52

Standards



IP20

IP44

Applications



Home



Hotel



Restaurant



Gallery



Station

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

NC211E-14W/8XX 14W

NC212E-20W/8XX 20W

NC213E-24W/8XX 24W

NC214E-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

Prosperity Lamps & Components Ltd.

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	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]	N
Operation Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Energy Consumption in on-mode [kWh/1000h]	14kWh / 20kWh / 24kWh / 32kWh