

LED Ceiling Light NC211E-214E 3CCT

14W/20W/24W/32W

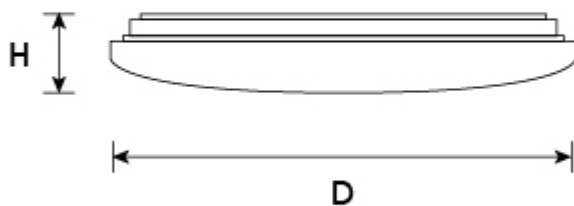
Features

- 14W / 20W / 24W / 32W LED Ceiling light
- Selectable CCT via dip-switch
- Inventory cost saving
- 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

Applications



Home



Shopping mall



Hotel



Restaurant



Gallery



Station

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 / 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	0.7 / 0.7 / 0.7 / 0.9
Input Current [mA] @230V	87 / 124 / 149 / 155

Model

NC211E-14W/8XX 3CCT	14W
NC212E-20W/8XX 3CCT	20W
NC213E-24W/8XX 3CCT	24W
NC214E-32W/8XX 3CCT	32W

Luminous Flux (Useful Luminous Flux) [lm]

14W	1375lm @3000K-4000K-6500K
20W	2045lm @3000K-4000K-6500K
24W	2490lm @3000K-4000K-6500K
32W	3375lm @3000K-4000K-6500K

Performance

Prosperity Lamps & Components Ltd.

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SCDM	<6
Chromaticity coordinates [x, y]	0.44, 0.403@3000K / 0.38, 0.38@4000K / 0.312, 0.335@6500K
Efficacy [lm/W]	98-105
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