

LED Smart Ceiling Light NC201E-203E

18W/24W/36W

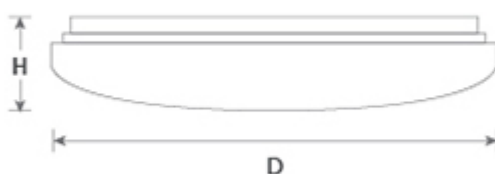
Features

- 18W / 24W / 36W LED Smart Ceiling Light
- Extremely energy saving with low power consumption
- Work with both mobile and most common smart home devices via Amazon Alexa, Google Home Assistant and Apple HomeKit
- Control in a group or individually and customize your own lighting preferences
- Customize timer schedule to optimize energy efficiency
- Remote control the lamps from anywhere and anytime
- Tunable White from 2700K to 6500K
- Smooth dimming range from 1% to 100%
- Support Matter protocol
- Good color rendition, Ra≥80



Diagrams

Dimensions:



(Unit: mm)	(D)	(H)
NC201E	Ø340 x	65
NC202E	Ø390 x	65
NC203E	Ø480 x	70

Smart Control:



Standards



IP20



Applications



Home



Hotel



Supermarket



Restaurant



Museum

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	Yes
Color tunable light source	Yes
Envelop [No/Second/Non-Clear]	No
High Luminance Light Source	No
Anti-glare Shield	No

Electrical

Rated Wattage [W]	18W / 24W / 36W
On-mode Power [W]	18W / 24W / 36W
Standby Power [W]	0.5W
Networked Standby Power [W]	0.5W
Rated Voltage [V/Hz]	220-240V, 50/60Hz
Power Factor @230V	0.5 / 0.7 / 0.9
Input Current [mA] @230V	157 / 149 / 174

Model

NC201E-18W/TW	18W
NC202E-24W/TW	24W
NC203E-36W/TW	36W

Luminous Flux (Useful Luminous Flux) [lm]

18W	1800lm
24W	2450lm
36W	3780lm

Performance

SDCM	<6
Chromaticity coordinates [x, y]	0.463, 0.42@2700K / 0.312, 0.335@6500K

Prosperity Lamps & Components Ltd.

Tel: (852) 2511 0022 Fax: (852) 2511 0082 Web: www.prosperitylamps.com Email: info@prosperitylamps.com

Efficacy [lm/W]	100-105
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	>12,500
Starting Time [S]	<0.5
Warm Up Time [S]	<2
Premature Failure At 1000hrs	<5%
Displacement Factor [cosØ]	0.7 / 0.7 / 0.9
Flicker Metric [Pst LM]	1
Stroboscopic Effect Metric [SVM]	0.4
Mechanical	
Diameter D [mm]	340 / 360 / 480
Height H [mm]	65 / 65 / 70
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 [Y/N]	Y
Operation Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Energy Consumption in on-mode [kWh/1000h]	18Wh / 24kWh / 36kWh