

LED Ceiling Light NC181E-183E

20W/32W/42W

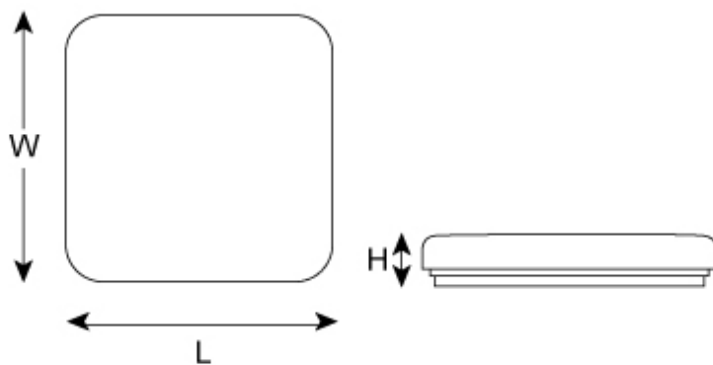
Features

- 20W / 32W / 42W LED Ceiling light
- Uniform distribution with opal diffuser
- Comfort glare-free light
- Good color rendition, Ra ≥80



Diagrams

Dimensions:



(Unit : mm)	(L)	(W)	(H)
NC181E	280	x 280	x 65
NC182E	330	x 330	x 65
NC183E	430	x 430	x 65

Prosperity Lamps & Components Ltd.

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Standards



IP20

Applications



Home



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]	20W / 32W / 42W
On-mode Power [W]	20W / 32W / 42W
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	97 / 155 / 203

Model

NC181E-20W/8XX	20W
NC182E-32W/8XX	32W
NC183E-42W/8XX	42W

Luminous Flux (Useful Luminous Flux) [lm]

20W	2050lm @3000K
	2100lm @4000K
	2150lm @6500K
32W	3380lm @3000K
	3450lm @4000K
	3500lm @6500K

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42W	4490lm @3000K
	4550lm @4000K
	4600lm @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]	103-110
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 / 0.9 / 0.9
Flicker Metric [Pst LM]	1
Stroboscopic Effect Metric [SVM]	0.4
Mechanical	
Length L [mm]	280 / 330 / 430
Width W [mm]	280 / 330 / 430
Height H [mm]	65
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]	No
Operation Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Energy Consumption in on-mode [kWh/1000h]	20kWh / 32kWh / 42kWh