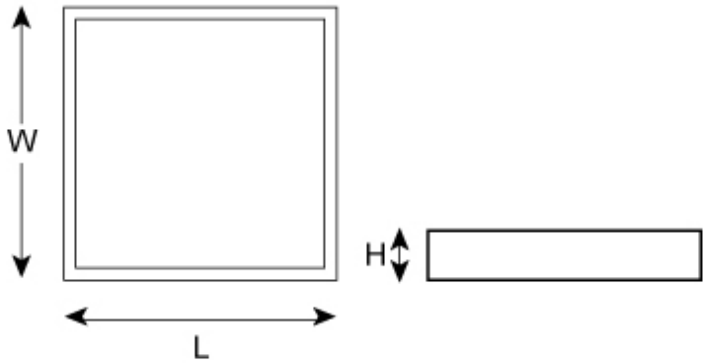
LED Ceiling Light NC161E-164E
6W/12W/18W/24W

Features

· 6W / 12W / 18W / 24W LED Ceiling light
· Uniform distribution with opal diffuser
· Comfort glare-free light
· Color Rendering Index: ≥80

Diagrams

Dimensions:



(Unit : mm)	(L)		(W)		(H)
NC161E	120	x	120	x	32
NC162E	170	x	170	x	32
NC163E	220	x	220	x	32
NC164E	300	x	300	x	32

Prosperity Lamps & Components Ltd.
Tel: (852) 2511 0022 Fax: (852) 2511 0082 Web: www.prosperitylamps.com Email: info@prosperitylamps.com

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Standards

IP20

Applications

Home
Hotel
Supermarket
Restaurant

Technical Data	
Type of Light Source	
Lighting Technology Used	LED
Non-directional or Directional [NDLS/DLS]	NDLS
Mains or Non-mains [MLS/NMLS]	NMLS
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]	6W / 12W / 18W / 24W
On-mode Power [W]	6W / 12W / 18W / 24W
Standby Power [W]	N/A
Networked Standby Power [W]	N/A
Rated Voltage [V/Hz]	220-240V, 50/60Hz
Power Factor	0.5
Input Current [mA] @230V	52 / 104 / 157 / 209
LED	SMD
Model	
NC161E-6W/8XX	6W
NC162E-12W/8XX	12W
NC163E-18W/8XX	18W
NC164E-24W/8XX	24W
Luminous Flux (Useful Luminous Flux) [lm]	
6W	410lm (470lm) @3000K
	450lm (480lm) @6500K
12W	900lm (1120lm) @3000K
	1000lm (1200lm) @6500K

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18W	1450lm (1765lm) @3000K
	1650lm (1800lm) @6500K
24W	2100lm (2415lm) @3000K
	2300lm (2520lm) @6500K
Performance	
SCDM	<5
Chromaticity coordinates [x, y]	0.44, 0.403@3000K / 0.312, 0.335@6500K
Efficacy [lm/W]	78-105
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	>0.8
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]	0.5(6W) / 0.7(12W,18W,24W)
Flicker Metric [Pst LM]	1
Stroboscopic Effect Metric [SVM]	0.4
Mechanical	
Length L [mm]	120 / 170 / 220 / 300
Width W [mm]	120 / 170 / 220 / 300
Height H [mm]	32
Material	Body : Sheet steel with white finish
	LGP: PMMA
	Diffuser: PP
Standard Compliance	
CE-LVD	EN62560
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
CE-EMF	EN62493
Environment	RoHS
Mercury Content [mg]	0.0
Energy Class	G(6W) / F(12W,18W,24W)
	*Energy efficency class based on light source lumen
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]	6kWh / 12kWh / 18kWh / 24kWh

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