LED Ceiling Light NC151E-154E
6W/12W/18W/24W

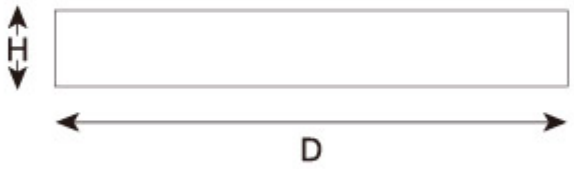
Features



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

Diagrams

Dimensions:



(Unit : mm)	(D)		(H)
NC151E	Ø120	x	32
NC152E	Ø170	x	32
NC153E	Ø220	x	32
NC154E	Ø300	x	32

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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	
NC151E-6W/8XX	6W
NC152E-12W/8XX	12W
NC153E-18W/8XX	18W
NC154E-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]	68-96
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]	N/A
Flicker Metric [Pst LM]	N/A
Stroboscopic Effect Metric [SVM]	N/A
Mechanical	
Diameter D1 [mm]	Φ120 / Φ170 / Φ220 / Φ300
Height H [mm]	32
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	G(6W) / F(12W, 18W, 24W)
	*Energy efficiency 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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