

LED Microwave Sensor Ceiling Light NC121E-123E

14W/18W/24W

Features

- 14W / 18W / 24W LED Ceiling light
- Uniform distribution with opal diffuser
- Comfort glare-free light
- Standby time and standby power can be adjusted according to customer requirements
- Color Rendering Index: ≥ 80

Microwave Sensor



Diagrams

Dimensions:



(Unit : mm) (D) (H)

NC121E Ø260 x 65

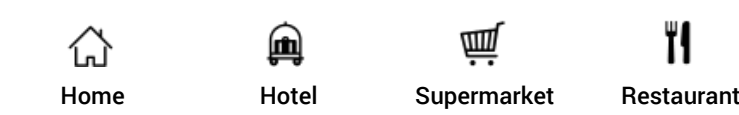
NC122E Ø340 x 65

NC123E Ø390 x 68

Standards



Applications



Technical Data	
Electrical	
Rated Wattage [W]	14W / 18W / 24W
Rated Voltage [V/Hz]	220-240V, 50/60Hz
Power Factor @230V	0.5
Input Current [mA] @230V	122 / 157 / 209
LED	SMD
Model	
NC121E-14W/8XX	14W
NC122E-18W/8XX	18W
NC123E-24W/8XX	24W
Luminous Flux [lm]	
14W	980lm @3000K
	1030lm @4000K
	1080lm @6500K
18W	1350lm @3000K
	1400lm @4000K
	1450lm @6500K
24W	1800lm @3000K
	1850lm @4000K
	1900lm @6500K
Performance	
SDCM	<6
Efficacy [lm/W]	70-81
Color Rendering Index [Ra]	≥80
Beam Angle [°]	120
Rated Life, Ta@25°C [hrs]	25,000
Lamp Survival Factor at 6000hrs	>0.9
Lumen Maintenance at 6000hrs	>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%
Mechanical	
Diameter D [mm]	Φ260 / Φ340 / Φ390
Height H [mm]	65 / 65 / 68
Material	Body : Sheet steel with white finish
	Diffuser: Opaque acrylic
Sensor type	Microwave radar 5.8 GHz
Sensor distance [m]	8
Standby time [s]	30 (2-60s available upon request)
Standby power [W]	0.6
Sensor detection angle [°]	120
Standard Compliance	
CE-LVD	EN60598-1, EN60598-2-2
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
CE-EMF	EN62493
Mercury Content [mg]	0.0
Electrical Class	I
Other	
Dimmable [Y/N]	N
Operation Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 60°C