LED Smart Ceiling Light NC241S 20W

Features

· 20W LED Smart Ceiling Light

· Extremely energy saving with low power consumption

· Vivid and multiple color changing with over 16 million colors at backward light

· 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

· Support Matter protocol

· Smooth dimming range from 1% to 100%

· Good color rendition, Ra ≥ 80

Diagrams

Smart Control:

Standards

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]	20W
On-mode Power [W]	20W
Standby Power [W]	0.5W
Networked Standby Power [W]	0.5W
Rated Voltage [V/Hz]	220-240V, 50/60Hz
Power Factor @230V	0.9
Input Current [mA] @230V	97
Model	
NC241S-20W/RGBTW	20W
	5W backward RGB
Luminous Flux (Useful Luminous Flux) [lm]	
20W	1980lm
Performance	
SDCM	<6
Chromaticity coordinates [x, y]	0.463, 0.42@2700K / 0.312, 0.335@6500K
Efficacy [lm/W]	99
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

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Warm Up Time [S]	<2
Premature Failure At 1000hrs	<5%
Displacement Factor [cosØ]	0.7
Flicker Metric [Pst LM]	1
Stroboscopic Effect Metric [SVM]	0.4
Mechanical	
Diameter D [mm]	300
Height H [mm]	40
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]	20kWh