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:

Work with amazon alexa   Work with Google Assistant   Work with Apple HomeKit

Standards

CE   RoHS Compliance   matter

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