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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







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Product Series Datasheet

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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	
Lighting Technology Used Non-directional or Directional [NDLS/DLS] Mains or Non-mains [MLS/NMLS] MLS	
Non-directional or Directional [NDLS/DLS] NDLS Mains or Non-mains [MLS/NMLS] MLS	
Mains or Non-mains [MLS/NMLS] MLS	
John Joseph Light Jourse	
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 backy	vard RGB
Luminous Flux (Useful Luminous Flux) [lm]	
20W 1980lm	
Performance	
SDCM <6	
Chromaticity coordinates [x, y] 0.463, 0.4	2@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]	Υ
Dimmable [Y/N] Operation Temperature	-10°C ~ 40°C
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