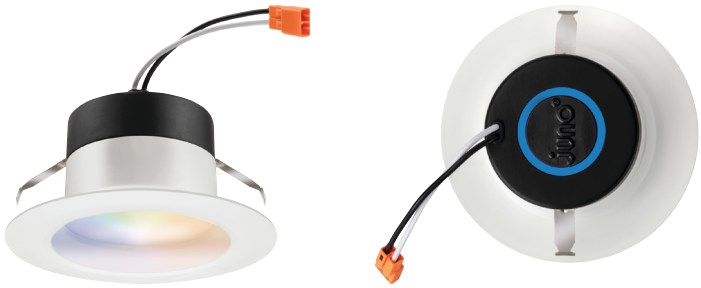
JUNO

RetroBasics™ RB4SC RGBW

4" Smart LED Trim Kit

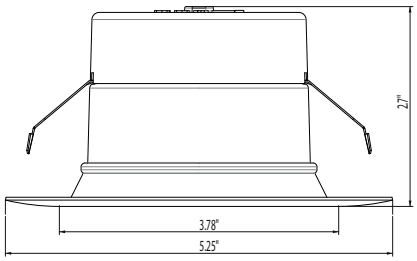
Project:
Fixture Type:
Location:
Contact/Phone:

RB4SC RGBW Series



Works with SmartThings | works with alexa | works with Hey Google | ZigBee | ENERGY STAR | TITLE 24 PART 6 | WET LOCATION™ | AIR-LOC | 2700K to 5000K + RGBW | DIMMABLE LED

Dimensions



Specifications

Aperture: 3.78"
Ceiling opening: 4.25"
Overlap trim: 5.25"
Height: 2.7"

Performance

Delivered Lumens	Up to 730 lumens nominal
LED Color Temperature	Tunable White (2700K to 5000K) + RGB Colors
CRI	90+
Voltage	Dedicated 120 VAC
Dimming	Dimmable to 1% Not for use with Wall Dimmers

Product Features

The RetroBasics™ Smart LED trim kits with RGBW color changing functionality is the perfect way to get connected with a Smart Home Lighting solution. Once connected to the smart home platform via Bluetooth or Zigbee, the Smart RetroBasics LED trims can be controlled either via voice command, time schedules, or with the app. Commission through the SmartThings app or Alexa and Google voice assistant apps. Once installed, controlling the lighting from your mobile device is simple and easy to customize lighting from on/off, fine-tuning the color temperatures (2700K to 5000K) or tunable RGBW for full color spectrum options, dimming to set the mood, and grouping to control an entire lighting application at once.

The Smart RGBW trim kit is used to replace legacy incandescent technology in an already installed housing or pair with the quick connect LED housings for a low-cost LED downlight solution.

The LED module maintains at least 70% light output for 50,000 hours.

- Direct set-up with or without a hub[1,2]
- Pairs with smart devices to enable voice control (see Quick Start Guide)
- Customize lighting to fine-tune the color temperatures (2700K to 5000K) or RGB for full color changing functionality,

Practical, functional design

- Spun aluminum housing in smooth trim flange design
- Low profile construction optimized for wider fixture spacings

Easy installation and serviceability

- All-in-one design where electronics are integrated into trim replaces the existing lamp and trim
- Trim features quick connect plug for easy electrical connection in seconds
- Retention springs are pre-installed and designed to fit into most 4" compatible recessed housings

Notes

1 For integration with Alexa: an Echo (4th Gen.), Echo Plus, or Echo Show 10 is required. Integration with older Alexa devices will require an Amazon eero 6 Mesh Wifi system or a SmartThings hub.
2 For integration with Google speakers: a SmartThings hub is required when installing 6 or more light fixtures.

Applications

- Retrofit into existing recessed housings or use with quick connect housings for new construction or remodel applications
- Wet rated and air-loc: perfect for showers, bathrooms, and eaves
- For use with housings installed in IC rated applications (direct contact with insulation)

Other RetroBasics Models Available:

RetroBasics Smart Downlight

5/6" Downlight

RetroBasics Switchable Downlight

4" Downlight

5/6" Downlight

RetroBasics Adjustable Switchable and Smart Downlight

4" Adjustable

5/6" Adjustable

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RetroBasics™ RB4SC RGBW
4" Smart LED Trim Kit

ORDERING INFORMATION

4" Downlight

Example: RB4SC RGBW MW M6

Series		Color Temperature		Finish		Options		Packaging	
RB4SC	RetroBasics 4" Smart LED RGBW Smooth Trim Kit	**RGBW**	Tunable White (2700K to 5000K) + RGB Colors	**MW**	Matte White	**L/SKTWHIP**[1]	No E26 Adapter (CA only)	**M6**	Master Pack - Individually Packaged

Notes
1 L/SKTWHIP must be selected for product shipping to California.

Pairs perfectly with Juno housings for a complete downlight solution: Order housings as separate catalog number.

QC4 Series - New Construction Quick Connect LED Housing

QC4R Series - New Construction Quick Connect LED Housing

IC1FW LEDT24 - Firewall Fire Rated Quick Connect LED Housing

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RetroBasics™ RB4SC RGBW
4" Smart LED Trim Kit

Specifications/Electrical Data

LED Downlight Retrofit Trim
Spun aluminum housing in smooth trim flange design in matte white finish • Pressed-in diffusing lens optimized for concealing the LEDs from direct view in the on and off state • All-in-one design where LED light engine mounts directly to the trim for ease of installation into existing 4" recessed housings with medium base sockets or quick connect LED housings • Provided with push-in friction springs

LED LIGHT ENGINE
LEDs are integrated to one piece high purity aluminum, thermally conductive housing to provide uninterrupted heat transfer to ensure long life of the LED.

•Tunable white color temperatures (2700K to 5000K) or RGB for full color changing functionality

• 90 CRI minimum

• Accommodates 120 volts AC at 60Hz

Optical System
Regressed, diffused lens at end of mixing chamber to provide even light distribution for general illumination • Optimized for wide fixture spacings • Up to nominal 730 lumens is equivalent to 65W BR30 lamp.

Electrical Connections
Trim features quick connect plug installed as standard for installation into Juno quick connect housings with mating connector • Trim ships with a medium base socket adapter whip for installation into 4" incandescent housings with medium base sockets.

Life
Rated for 50,000 hours at 70% lumen maintenance.

Labels
CSA certified to US and Canadian safety standards • ENERGY STAR® certified product • Suitable for wet location • Air-Loc certified in accordance with ASTM E283-2004 • NOM Certified • Can be used to comply with California Title 24 Part 6 High Efficacy LED light Source Requirements

Testing: All reports are based on published industry procedures; field performance may differ from laboratory performance.

Warranty
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

PERFORMANCE DATA

	RB4SC
Input Voltage	120V
Input Power Typical	9.5W (+/-5%)
Power Factor	.9
Frequency	60 Hz
EMI/RFI	FCC Title 47, Part 15 Class B (consumer)
Minimum Starting Temp	-20°C (-4°F) minimum

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25° C

LIGHTING PERFORMANCE DATA
DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE

Light Appearance (CCT) Aspect de la lumière (CCT)	
2700K soft white | blanc doux	
745 lumens | **78** lumens per watt	
3000K warm white | blanc chaud	
730 lumens | **77** lumens per watt	
3500K neutral white | blanc neutre	
738 lumens | **77** lumens per watt	
4000K cool white | blanc froid	
737 lumens | **78** lumens per watt	
5000K daylight | blanc neutre	
759 lumens | **80** lumens per watt	
Watts	**9.5**
Color Accuracy (CRI) Précision des couleurs (CRI)	**90**

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