



<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	N/A	Watts	9W
120V	N/A	Color Temp	Tunable White 2200K - 6500K
208V	N/A	Color Accuracy	90 CRI
240V	N/A	L70 Lifespan	25,000 Hours
277V	N/A	Lumens	800 lm
Input Watts	9W	Efficacy	100

## Technical Specifications

### Performance

#### Product Type:

RGBW Starter Kit

#### Description :

Starter Kit is the ideal introduction to Lightcloud Blue. Quick to install and easy to setup in minutes. No Gateway or Hub required.

The Kit includes:

- (2) RGBW A19 lamps (LCBA19-9-E26-9RGB-SS)
- (1) Remote (LCBLUEREMOTE/W)
- (1) Nano (NANO/LCB)

#### Wattage Equivalency:

60W Incandescent

#### Input Wattage:

8W (per lamp)

#### Lumens (Nominal):

800lm (per lamp)

#### Efficacy:

100lm/W (per lamp)

#### L70 Lifespan:

25,000-Hour LED lifespan based on IES LM-70 results (lamps only)

### Lightcloud

#### Lightcloud Blue:

Lightcloud Blue is a Bluetooth mesh wireless lighting control system that allows you to control RAB's various compatible devices. With RAB's patent-pending Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and large commercial applications using the Lightcloud Blue mobile app. Each device in a system can communicate with any other device, eliminating the need for a Gateway or Hub and maximizing the control system's reach.

DLC system - N1XMLOEATBA

[Learn more at www.lightcloud.com](http://www.lightcloud.com)

#### Gateway Required:

No

#### Communication Protocol:

Bluetooth Mesh

#### SmartShift:

SmartShift is the most advanced - yet easiest to use - circadian lighting system, which syncs white color tuning with the local sunrise and sunset.

#### Range:

Up to 60 feet between standard building materials.  
Up to 200 feet clear line of sight.

### Wi-Fi Connection (GHz):

The Nano must be connected to a 2.4 GHz Wi-Fi network. The Nano and the mobile device that it is pairing with must be on the same Wi-Fi network.

### Max # of Devices to Control:

LCBLUEREMOTE/W

Wireless Remote can control up to 3 Areas (up to 600 devices)

NANO/LCB

Nano can manage up to 16 Areas or 600 devices

## Technical Specifications (continued)

### Factory Reset:

Method 1: Delete from App (all devices)  
Open the app and access the device settings for the paired device. Be sure that the device is online and select 'Delete'. The device will flash on/off 5 times and return to full brightness.

### Method 2a: Manual (lamps only)

Power the device off and on 5x consecutively. Do not allow less than 4s to elapse from switching off to on. Do not allow more than 2s to elapse from switching on to off. The device will flash 3x, then reset to 100% brightness at default CCT.

### Method 2b Manual: (Remote)

Press and hold "On/Off" button and "Function 1" (..) buttons at the same time for 5 seconds until you see a slow flashing red light at the top left corner on the face of the Remote.

### Method 2c Manual: (Nano)

Press and hold the center button on the Nano for 10 seconds. A flashing red light will appear to indicate the Nano has been reset and then revert to a flashing blue light indicating the Nano is ready to pair to the App.

### Method 3: Rapid Reset Tool (lamps only)

The Rapid Reset process must be done by a professional electrician qualified by RAB. Reach out to your RAB sales manager to request a Rapid Reset Tool. The tool simply needs to be placed directly on the small Lightcloud Blue logo on the device for 2s or until the lamp/luminaire flashes 3x, then resets to 100% brightness at the default CCT.

## Electrical

### Power Factor:

≥0.9

### Dimmable:

Yes, via the Lightcloud Blue mobile app and devices. This lamp will not operate properly when connected to a standard (incandescent) dimmer or dimming control.

### Input Voltage:

RGBW A19 Lamp: 120V  
Nano: 3V  
Remote: 3V

### Operating Frequency:

RGBW A19 Lamp: 60Hz  
Nano: DC  
Remote: DC

### Input Current @ 120V (mA):

75mA (lamps only)

### Flicker:

<30%

### Battery Type:

Remote: CR2032 (included)

### Battery Lifespan:

2-years

## LED Characteristics

### Color Temperature:

Tunable White 2700K - 6500K 16+ million colors (lamps only)

### Color Accuracy (CRI):

>90 CRI

### R9 Value:

>0

### Color Consistency:

<4-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

## Construction

### Mounting:

Nano: Plugs into any compatible USB Type A port  
Remote: Includes backplate, faceplate and mounting screws to replace a single gang wall box or to be installed on any flat surface.

### Base Type:

RGBW A19 Lamp: E26  
Nano: USB Type A

### Finish:

White

### Shape:

RGBW lamps: A19  
Nano: Rectangular Cube  
Remote: Rectangle

### Enclosure Material:

RGBW A19 Lamps: Plastic  
Nano: Plastic  
Remote: Plastic

### Lens Finish:

Frosted

## Compliance

### Listings:

UL Listed

### Environment:

Suitable for use in dry and damp environments

### T20 Compliant:

Can be used to conform with the requirements of California Title 20

### California Title 24 JA8 Compliant:

No

### FCC:

Complies with Part 15B of the FCC Rules

## Other

### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of three (3) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

### Note:

All values are typical (tolerance +/- 10%)

### Buy American Act Compliance:

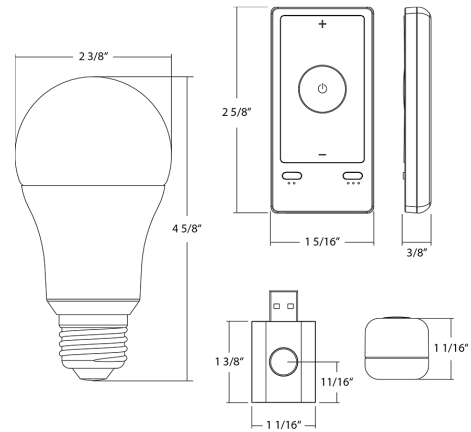
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

**Operating Temperature:**  
-4°F to 113°F (-20°C to 45°C)

## Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	6	20	8.74	7.95
PALLET	270	48	40	43.31

## Dimension



## Features

- Replacement for legacy incandescent and halogen lamps
- Perfect introduction to Lightcloud Blue
- Direct Connect to the Lightcloud Blue mobile app via Bluetooth, no Gateway or Hub required
- Use mobile device to configure features for On/Off Control, Dim Level, Color Temperature, Schedules, Scenes, SmartShift and more
- Choose between 16+ million colors to fit any mood
- Tunable White 2200 - 6500K with smooth transition between color temperatures
- Enable SmartShift circadian lighting to get back your body back in sync

## Ordering Matrix

Family	Wattage	Base Type	CRI/Color Temp	SmartShift	Kit
A19	9	E26	9RGB	SS	2P-2/LCB
	9 = 9W	E26 = Edison Base	9RGB = 90 CRI, Color Tuning 16+ million colors Tunable White 2200K-6500K	SS = SmartShift	2P-2/LCB = A19, Nano, Remote