

**RAB** | Lightcloud Blue

# Lighting Control Made Easy...

Lightcloud Blue is a powerful, flexible, simple lighting control system designed to manage lighting wirelessly, without the need of a Gateway or Hub. It's as easy as downloading the Lightcloud Blue app, connecting your enabled products, and quickly configuring them.

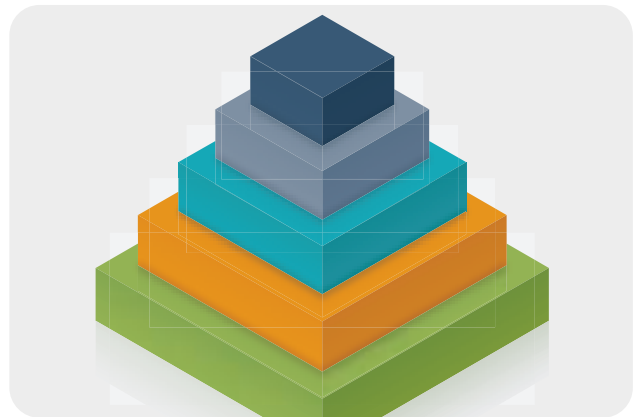
## Rapid Provisioning

Rapid Provisioning is a patent-pending technology that allows users to easily commission devices in large groups (up to 100) rather than one at a time, so you can get hundreds of devices connected in minutes instead of hours—that's up to 10x faster than any other competing control system on the market!



## Scalable and Flexible

Lightcloud Blue makes it simple to start small and scale up, letting you add up to 3,000 devices to your system! Because it's so easy to grow, Lightcloud Blue is equally capable of managing residential, commercial, or industrial applications.



## Bluetooth® Mesh Connectivity

Lightcloud Blue devices are controlled via an independent, self-automated Bluetooth mesh system. Each device in that system can communicate directly with any other device in it, eliminating the need for a Lightcloud Gateway.

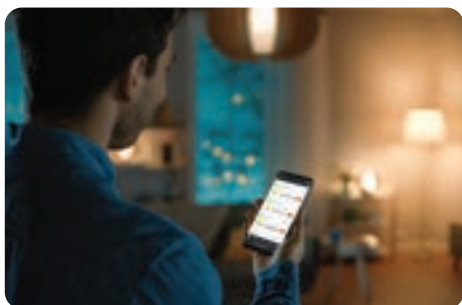


# Easy Set Up & Use

Building your Lightcloud Blue system is as simple as installing the lighting, turning it on, and opening the app on your mobile device. Once powered, products will enter the pairing mode automatically and the app instantly detects them.

## On/Off and Dimming

Instantly control individual lights or adjust light levels in any area.



## Areas

Set light levels for multiple fixtures in unison without the need for separate circuits.



## Scenes

Adjust light levels and color temperatures automatically with preset scenes.



## Scheduling

Create schedules for lights to turn on/off, dim, brighten, or change color temperature.



## SmartShift\*

Automatically tune the color and intensity of indoor lights throughout the day, mimicking the sun's changing light as it rises and sets.



## Emergency Mode

Turn your home into a beacon. One click will start all Lightcloud Blue lighting flashing to alert others in the area that there's a problem.



# Accessories

Adding features to your Lightcloud Blue site is simple with these various devices. Whether you're looking to integrate your lighting into a smart system, benefit from SmartShift circadian scheduling, leverage daylight harvesting and motion detection, or simply add points of control, these tools have you covered.

## Remote

The Remote lets you control your lighting without your smartphone. Manage on/off switching, dimming, color temperature tuning, and set custom scenes. The remote can also be mounted to a wall plate or rested on a pedestal.



## Nano

The Nano expands Lightcloud Blue's capabilities to include SmartShift™ circadian lighting, scheduling, and compatibility with Amazon® Alexa or Google® Nest. Simply plug the Nano into a USB power source to get started.



## Controller

Turn any compatible 0-10V LED fixture into a Lightcloud Blue-enabled luminaire with a Lightcloud Blue Controller. Once installed, the mobile app will find, provision, and begin controlling your lighting... it's that easy. Outdoor and indoor models offered.



## Low-Voltage Controller/Sensor

These sensor/controller combinations are designed for use with compatible 0-10V LED fixtures with 12VDC power output in high bay applications. Available with either a PIR or MVS sensor.



## Standalone Wired Ceiling Sensor\*

This passive infrared occupancy/vacancy detector can be installed into the ceiling to control individual or groups of fixtures. It functions as both a motion sensor and a daylight harvester.



## Micro Sensor\*

Designed for integration with EZPAN panels or SWISH center baskets, the Micro Sensor is available with either microwave or passive infrared detection and also acts as a daylight harvester.



## Wireless Occupancy Sensor

This battery-operated, passive infrared motion and daylight sensor can be placed anywhere—no wiring required! With a base that can rotate up to 150°, it is easy to maximize your detection area.



## 5-Pin Plug-In Controllers

These controllers add Lightcloud Blue compatibility to HID replacement lamps with 5-pin sensor ports. Models are also available with a PIR or MVS sensor that includes daylight sensing.



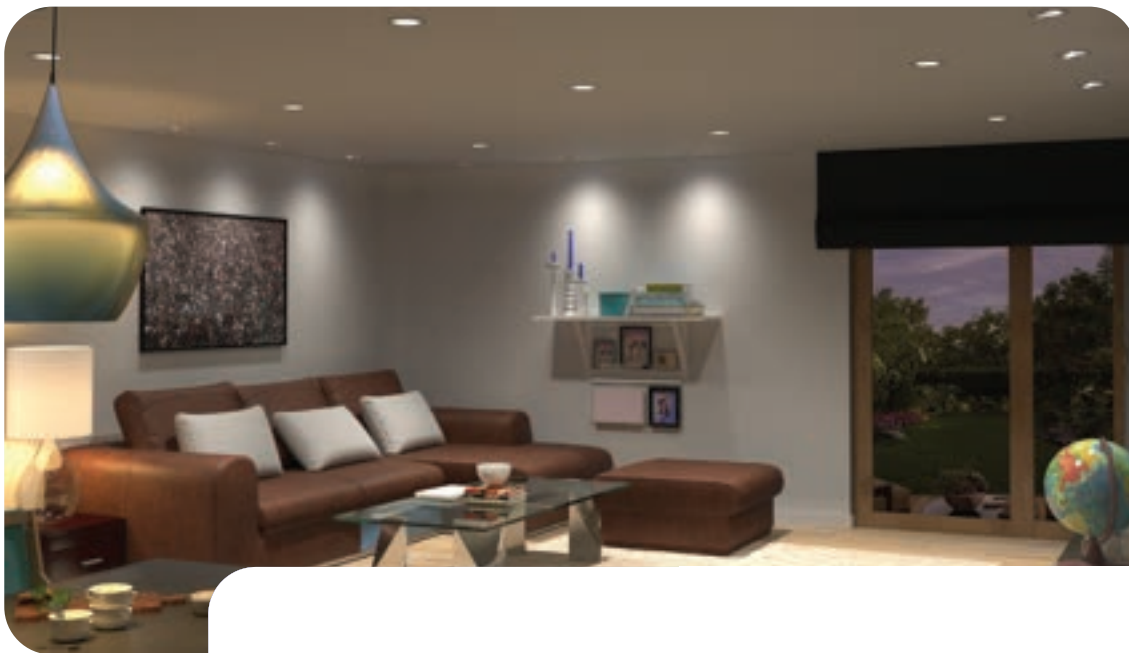
*\*Requires a Lightcloud Blue Controller*

# Flexible and scalable.

Lightcloud Blue's versatility is largely based on its scalability. Because you can start small or build your system to control up to 3,000 devices, it is flexible enough to be used in residential, commercial, or industrial applications. Whether it's a single-family home, an office building, a school, or a manufacturing facility, Lightcloud Blue is capable of managing the lighting system.

## Residential Applications

Smart homes afford us the ability to maximize control of our surroundings with the minimal amount of effort and Lightcloud Blue is no exception. Set schedules to fit your lifestyle, adjust for ambience, and even color your world with lamps that can be set to 16+ million different colors!





## Commercial Applications

Not all offices require a large-scale-capacity lighting control system. Lightcloud Blue is perfectly suited for spaces that need control and functionality on a smaller scale. Leverage daylight harvesting, maximize alertness with SmartShift presets, and set schedules based on the average work day. If the office space grows, Lightcloud Blue can grow with it!



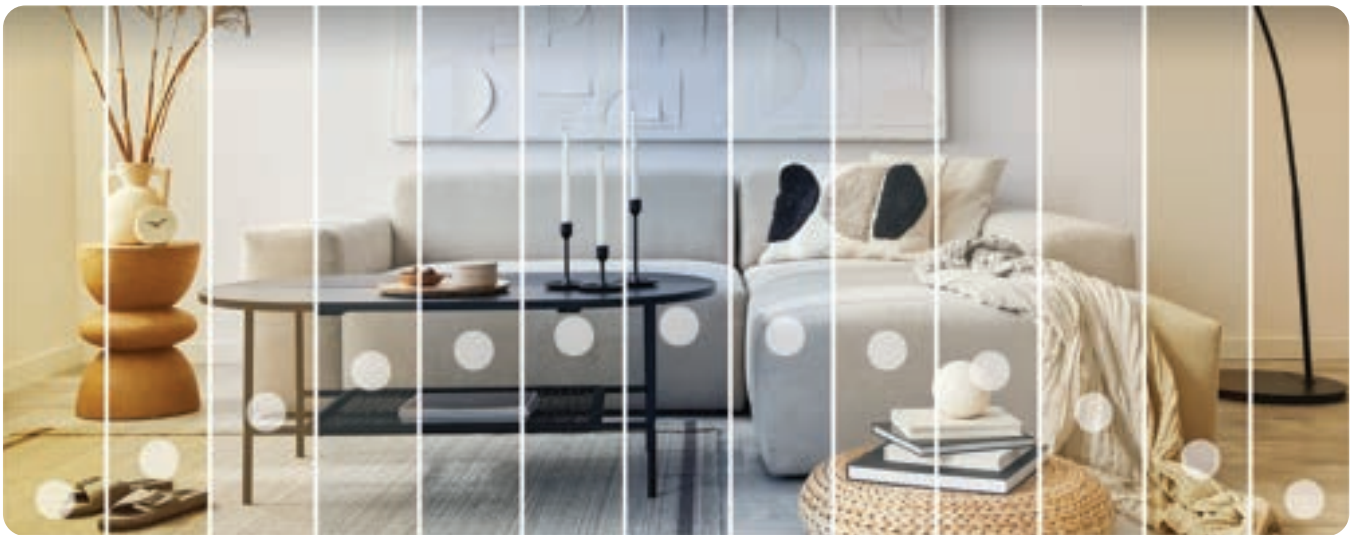
## Industrial Applications

Much like commercial spaces, industrial spaces don't always require a large-scale-capacity lighting control system, either. Lightcloud Blue can maximize safety with motion detection sensors, leverage daylight harvesting for additional energy savings, and set schedules based on the average work day shift.



# SmartShift

SmartShift is the first lighting technology that can promote better sleep, health and happiness. With one click, SmartShift-enabled fixtures on a Lightcloud system will set themselves to your time zone and begin adjusting your light level and color temperature to match the natural pattern of the sun—a soft glow in the morning, energizing light during the day, and a warm hue in the evening. Create your own scenes and schedules, or temporarily override automated circadian controls for precision customization, all right from your phone. We've even included five of the most common presets for you!



2700K

6500K

2700K





# SmartShift Preset Options



## Wellness

Uses the same "sunrise" and "sunset" times every day based on your site's schedule.



## Nature

Uses the local sunrise and sunset times in your time zone, adjusting itself as days get shorter/longer.



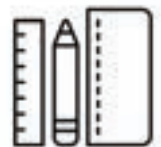
## Office

Cooler temperatures from morning to noon for maximum alertness and reduced stimulation from noon to the end of the work day (5pm).



## School

Cooler temperatures from morning to noon for maximum alertness and reduced stimulation from noon to the end of the school day (3pm).



## Calm

Color temperatures change throughout the day but never go above 4500K, creating a warm, relaxing, calming atmosphere.



# Product Ecosystem

Lightcloud Blue's ecosystem is constantly growing to offer products for residential, commercial, and industrial applications. It currently includes various lamp formats (including RGB models), downlights/wafers, panels, troffers, high bays, linear washdowns, and strip lighting. Many of these also offer models with either PIR or MVS motion sensors.



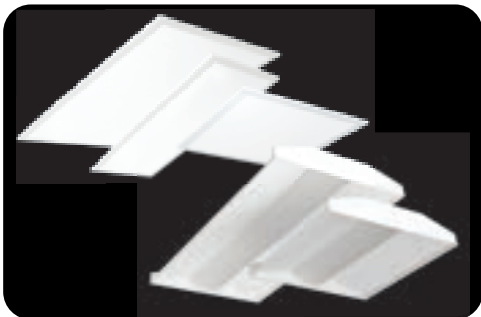
## Lamps

- A19
- BR30
- Decorative Filament
- T8 Tubes
- RGB A19
- RGB BR30
- High Bay
- Garage Lighter
- Post Top



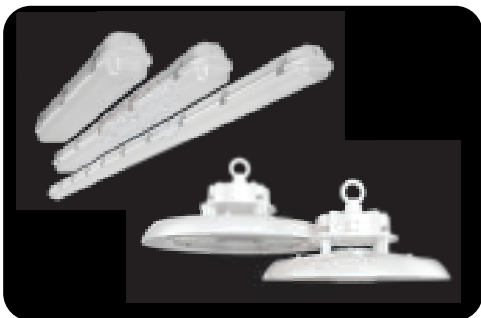
## Downlights

- 4" Retrofit
- 6" Retrofit
- 6" Commercial
- 4" Wafer
- 6" Wafer



## Panels & Troffers

- EZPAN
- Field-Adjustable EZPAN
- Field-Adjustable T34
- Field-Adjustable SWISH ISLAND
- SWISH
- Field-Adjustable SWISH
- Field-Adjustable SWISH EDGE



## High Bays & Linear

- H17
- RBAY17
- GUS17
- SEAL
- SR Strip



# Interested?

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## **RAB** | Lightcloud Blue

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RAB is continually improving our products. Specifications may change without notice.  
The designs of RAB fixtures are protected under U.S. and international intellectual property laws.



# Lightcloud Blue | Accessories

Adding features to your Lightcloud Blue site is easy with these various devices.

## Remote

The Lightcloud Blue Remote lets you control your enabled lighting from anywhere onsite. Manage on/off switching, dimming, color temperature tuning\*, and set two programmable buttons for custom scenes. It also comes with a wall plate that can be mounted to any surface, replace an existing wall switch, and easily add a point of control other than your phone.

*\*Remote can only adjust CCT on tunable white lamps and fixtures.*



### LCBLUEREMOTE/W



Voltage: 3V

Amps: 10mA

Battery Type: CR2032

Battery Life: 2 years

Dimensions: 2 5/8"H x 1 5/16"L x 3/8"W

Weight: 0.21 lbs

## Remote Plate Adapter & Remote Pedestal

### PLATE KIT/W/LCB



### PEDESTAL/W/LCB



Designed for use with the Remote, the Plate Adapter easily secures your Remote to the wall while the portable Pedestal can be utilized anywhere as a decorative stand for your Remote. The Pedestal seats the Remote at a comfortable angle and features a non-slip bottom for secure operation.

# Nano

The Nano expands Lightcloud Blue's capabilities to include compatibility with Amazon® Alexa or Google® Nest and because the Nano connects to Network Time Protocol (NTP) via your Wi-Fi, timekeeping and schedules become more accurate. If power is lost and restored, the Nano automatically reconnects to Wi-Fi and immediately sends the current time to all devices so that all Schedules and SmartShift continue without the user having to open the app.



## NANO/LCB

**Voltage:** 5V

**Amps:** 500mA

**Connectivity:** USB-A

*Must be connected to a 2.4GHz Wi-Fi network*

**Dimensions:** 1 3/8"H x 1 1/16"L x 1 1/16"W

**Weight:** 0.07 lbs

# Controller

## LCBLUECONTROL/W

**Voltage:** 120 - 277V

**Load Ratings:**

LED/Fluorescent/Incandescent -  
120V: 400W; 277V: 400W

**IP Rating:** IP20



Turn any 0-10V LED fixture into a Lightcloud Blue-enabled luminaire with a Lightcloud Blue Controller. It's easily attached to a 1/2" knockout on the fixture or a j-box, or can simply be factory-installed onto your favorite compatible RAB fixture. The Controller's button can also be used to identify the device within the app, to turn the fixture on/off, and to set dimming level.

# 5-Pin Plug-In Controllers

These Controllers add Lightcloud Blue compatibility to HID replacement lamps with integrated 5-pin sensor ports. In addition to the standard Controller, models are also available with a PIR or MVS sensor that includes daylight sensing. When connected to our field-adjustable, Lightcloud Blue-Ready (LCBR) lamps, the Controller allows for CCT tuning from the Lightcloud Blue app.



## CONTROL/W/AUX/5SP/LCB

**Voltage:** 12VDC

**Connection Type:** 5-pin

**IP Rating:** IP20

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



## CONTROL/W/AUX/5SP/LCBS/MVS

**Voltage:** 12VDC

**Connection Type:** 5-pin

**Mounting Height:** 39 ft

**Detection Area:** 32 ft. dia.

**Daylight Sensing:** Yes

**IP Rating:** IP20

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



## CONTROL/W/AUX/5SP/LCBS

**Voltage:** 12VDC

**Connection Type:** 5-pin

**Mounting Height:** 39 ft

**Detection Area:** 32 ft. dia.

**Daylight Sensing:** Yes

**IP Rating:** IP20

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



# High Bay Low-Voltage Controllers/Sensors

These sensor/controller combinations are designed for use with compatible 0-10V LED fixtures with 12VDC power output in high bay applications. Available with either a PIR or MVS sensor, these accessories are ideal for use in installations of lighting up to 50 feet high.



## PIR40/LCB

Voltage: 12VDC

Connection Type: 3-pin pogo

Mounting Height: 39 ft

Detection Area: 20 ft. dia.

Daylight Sensing: Yes

IP Rating: IP65

Operating Temperature:

-4° to 140°F (-20° to 60°C)



## MVS50/LCB

Voltage: 12VDC

Connection Type: 3-pin pogo

Mounting Height: 49 ft

Detection Area: 20 ft. dia.

Daylight Sensing: Yes

IP Rating: IP65

Operating Temperature:

-4° to 140°F (-20° to 60°C)

# Standalone Ceiling Sensor

## LCLCSENSE/SH

Voltage: 12VDC\*

Connection Type: RJ09

Mounting Height: 9 ft

Detection Area: 30 ft. dia.

Daylight Sensing: Yes

IP Rating: IP66

Operating Temperature:

-4°F to 104°F (-20°C to 40°C)

*\*Requires Lightcloud Blue Controller*



This passive infrared motion detector can be installed into any ceiling to control individual or groups of fixtures. It functions as both an occupancy and vacancy sensor and also acts as a daylight harvester.

# Wireless Occupancy Sensor

The Wireless Occupancy Sensor is a battery-operated, dual-technology motion detector and daylight sensor that can be placed anywhere—no wiring required! Its passive infrared technology is ideal for small movement detection and is best suited for smaller, open areas. With a base that can rotate up to 150°, it is easy to maximize your detection area.



## SENSE/PIR/W/LCB

Mounting Height: 9 ft

Detection Area: 20 ft diameter

Detection Angle: 120° - 150°

Battery Type: Lithium CR2

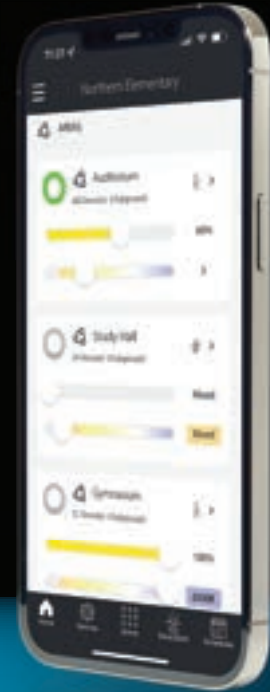
Battery Life: 3 years

Operating Temperature:

14°F to 122°F (-10°C to 50°C)

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1 (844) - LIGHTCLOUD



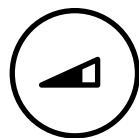
# Lightcloud Blue | Fixtures

These Lightcloud Blue-enabled products will instantly connect to the system's app via Bluetooth Mesh, getting you up and running in minutes.

## Features

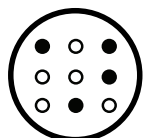
### On/Off and Dimming

Control individual lights or instantly adjust light levels in any area. Most light sources can dim to as low as 10%.



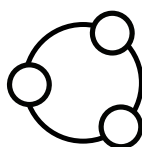
### Scenes

Create individual scenes that are tailored to a specific activity or event so that you can adjust light levels at the drop of a hat.



### Areas

Set light levels for multiple fixtures in unison. Creating numerous areas allows you to set the lighting that is best suited to the needs of each environment. Combine dimming and occupancy sensing for even more control.



### Scheduling

Create schedules for lights to turn on or off, dim or brighten. Last-minute change? Schedules can be adjusted or disabled at any time from your smartphone with just a couple of quick clicks.



# Integrated Lightcloud Blue Control



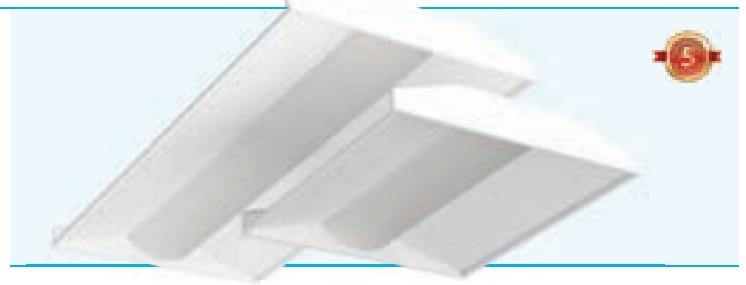
## EZPAN *(Standard & Field Adjustable)*

The ultra-low-profile EZPAN panel is available in three form factors, with either static or field-adjustable wattage and CCT. All models come standard with 0-10V dimming and are offered with an optional PIR or MVS sensor and battery backup.



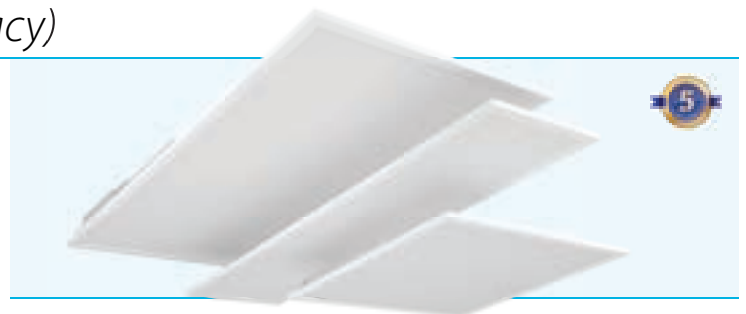
## SWISH *(Standard & Field Adjustable)*

The SWISH center basket is available in two form factors (2x2 and 2x4), with either static or field-adjustable wattage and CCT. All models come standard with 0-10V dimming and are offered with an optional PIR or MVS sensor and battery backup.



## T34FA *(Field Adjustable & High Efficacy)*

The T34FA panel is available in three form factors, with field-adjustable wattage and CCT. All models come standard with 0-10V dimming and are offered with an optional battery backup. It is also available in high-efficacy models of up to 148 lm/W for additional energy cost savings.

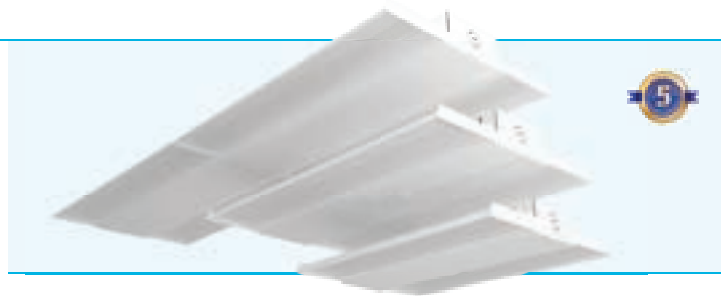


# Compatible with Lightcloud Blue Controllers



## RBAY17

The RBAY17 economy high bay is available in three sizes and each model comes with three selectable wattages and color temperatures, allowing you to customize settings onsite for super-flexible installations. All sizes are offered with an optional battery backup.



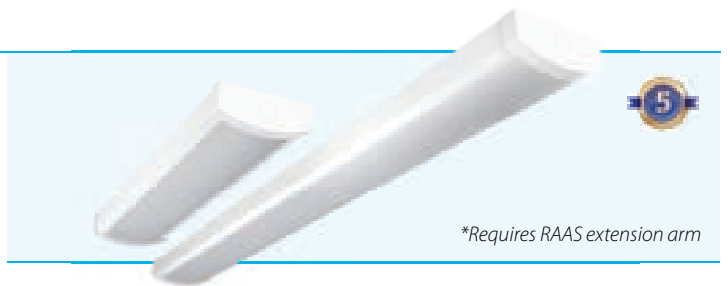
## H17



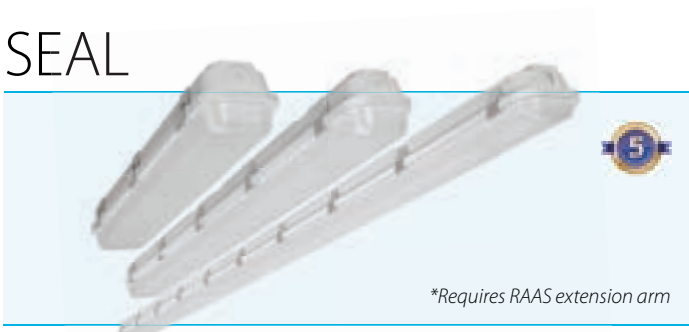
The H17 economy high bay comes in two sizes and each model comes with three selectable wattages and color temperatures. Various accessories are available for the H17, including reflectors, refractors, drop lens, wire guards, a battery backup, and accessories for pendant or surface mounting.

## GUS17

The field-adjustable GUS17 economy wrap comes in two lengths and each comes with three selectable wattages and color temperatures. It can be surface mounted or mounted to a j-box. Accessory kits are available for suspended mounting.



## SEAL



SEAL is a versatile, field-adjustable washdown that is available in three lengths. It is IP66 rated for complete protection from dust and oil, and protection from powerful jets of water. It's also NSF rated, NEMA 4X rated, and UL 94-5VA classified for flammability control. Various mounting options are available.



# SR Strip

The SR strip light is designed with three field-adjustable wattages and CCTs and is available in three lengths, making it extremely versatile for use in various general-purpose and low-bay applications.



## LLLC Rebates

Many of these fixtures with a Lightcloud Blue Controller and Micro Sensor qualify for most LLLC utility rebates, which provide higher-than-average incentives. Luminaire Level Lighting Controls (LLLCs) are lighting products with wirelessly networked integrated sensors that enable luminaires within the system to communicate with each other. These systems provide multiple control capabilities in one package, from occupancy and vacancy sensing to daylight harvesting and data transmission, as well as combinations of each.



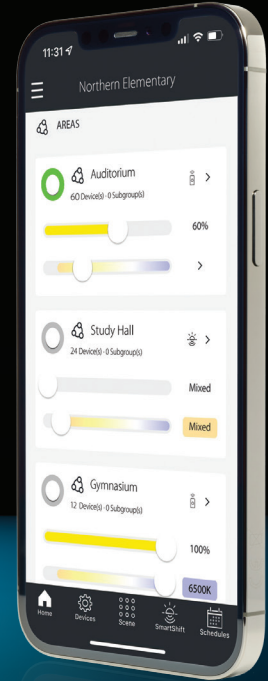
EZPAN, SWISH  
& T34 only



EZPAN, SWISH,  
GUS17, SR & select  
T34s only



RBAY17, H17  
SEAL, & select  
T34s only



# Lightcloud Blue | Downlights

All Lightcloud Blue-enabled downlights will instantly connect to the system's app via Bluetooth Mesh, getting you up and running in minutes.

## Features



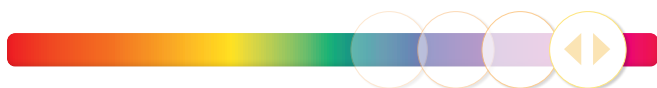
**Tunable White:** Color temperature that is fully adjustable within the specified range



**SmartShift:** Circadian lighting adjusts light levels and CCT to match the natural pattern of the sun



**Natural Spectrum Technology:** Emits less sleep-disturbing blue light, promoting healthier sleep. Also renders colors much more accurately so you can see them as they truly are.\*



**Tunable Color:** Select from 16+million colors to customize your space to suit any mood.

\*On select models only

# Natural Spectrum Retrofit

These popular retrofit downlights are ideal for both new construction and retrofit applications. Offered in a baffled trim, they are dimmable and deliver ultra-high CRI (California Title 20 and JA8 compliant). The low-profile design makes them compatible with most recessed housings, and installation is quick and easy. An Edison base adapter is also included.



## R4R89TW120WB-SS-NS/LCB\*

Replaces: 65W Halogen

Wattage: 8W

Voltage: 120V

UL Listing: Wet Rated

Dimming: Down to 5%

CCT: 2700 - 6500K

CRI: 95+

Lifespan: 50,000 Hours



## LCBR6R119TW120WB-SS-NS

Replaces: 18W CFL/75W INC

Wattage: 11W

Voltage: 120V

UL Listing: Wet Rated

Dimming: Down to 5%

CCT: 2700 - 6500K

CRI: 95+

Lifespan: 50,000 Hours



# RGBW Retrofit Downlights

Our RGBW retrofit downlights put color tuning at your fingertips. Offered in a baffled trim, the 4" and 6" models let you choose from 16+ million colors to suit any mood. They also offer tunable white, are dimmable, and deliver high CRI (California Title 20 and JA8 compliant). The low-profile design makes them compatible with most recessed housings, and installation is quick and easy. An Edison base adapter is also included.



## R48B/RGB

Replaces: 65W Incandescent

Wattage: 8W

Voltage: 120V

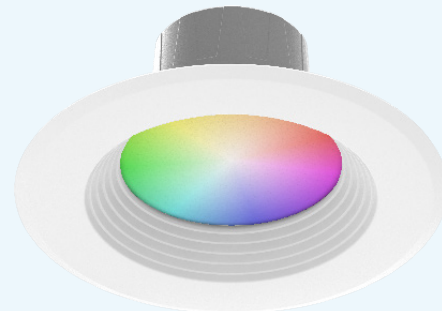
CCT: 2200 - 6500K and  
16+ million colors

UL Listing: Wet Rated

Dimming: Down to 5%

CRI: 90+

Lifespan: 50,000 Hours



## R611B/RGB

Replaces: 85W Incandescent

Wattage: 11W

Voltage: 120V

CCT: 2200 - 6500K and  
16+ million colors

UL Listing: Wet Rated

Dimming: Down to 5%

CRI: 90+

Lifespan: 50,000 Hours



# 6" Natural Spectrum Commercial

## LCBC6R189TWUNVWS-SS-NS

Replaces: 32W CFL/150W INC

Wattage: 18W

Voltage: 120-277V

UL Listing: Wet Rated

Dimming: Down to 5%

CCT: 2700 - 6500K

CRI: 95+

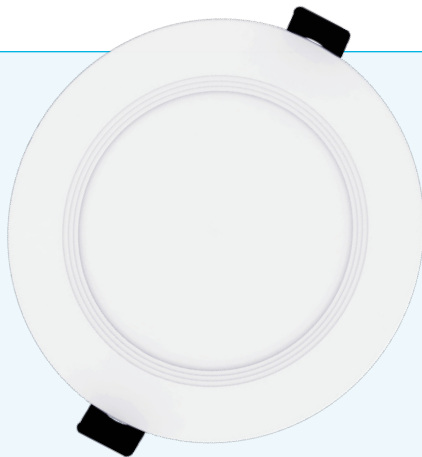
Lifespan: 50,000 Hours



This high-performance, 18W downlight is optimized for new construction and retrofit applications, with a universal, 120-277V onboard driver and 0-10V dimming. Adjustable, spring-loaded retention tabs keep the fixture secure after installation, and extension ring accessories make it easy to use the 6" downlight in 8" housings.

# Natural Spectrum Edge-Lit Wafers

Canless wafers eliminate the need for bulky housings. Their ultra-low-profile design and off-board driver make them a flexible solution for both new construction and remodeling installations in low ceilings, and the wafer's spring-loaded clips make for easy installations. Offered with a baffle trim, these wafers are wet listed and can be used in both indoor and outdoor applications. They're also NEC compliant for use in closets.



## WFRL4R99TW120WB-SS-NS/LCB

Replaces: 60W Incandescent

Wattage: 9W

Voltage: 120V

UL Listing: Wet Rated

Dimming: Down to 5%

CCT: 2700 - 6500K

CRI: 95+

Lifespan: 50,000 Hours



## WFRL6R139TW120WB-SS-NS/LCB

Replaces: 75W Halogen

Wattage: 13W

Voltage: 120V

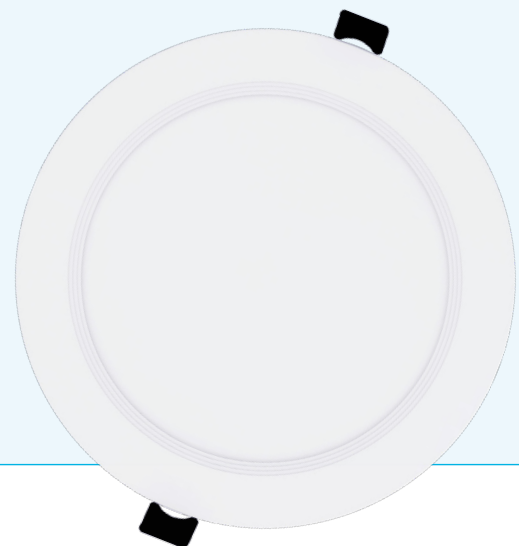
UL Listing: Wet Rated

Dimming: Down to 5%

CCT: 2700 - 6500K

CRI: 95+

Lifespan: 50,000 Hours



# RGBW Edge-Lit Wafers

The RGBW models of our popular canless wafers put color tuning at your fingertips. Offered in smooth and baffled trims, the 4" and 6" models let you choose from 16+ million colors to suit any mood. They also offer tunable white, are dimmable, and deliver high CRI. Their ultra-low-profile design and off-board driver make them a flexible solution for both new construction and remodeling, and they are suitable for indoor and outdoor applications.



## WFR4/RGB (smooth) & WFR4B/RGB (baffle)

Replaces: 40W Incandescent

Wattage: 8W

Voltage: 120V

UL Listing: Wet Rated

CCT: 2200 - 6500K and  
16+ million colors

Dimming: Down to 5%

CRI: 90+

Lifespan: 50,000 Hours



## WFR6/RGB (smooth) & WFR6B/RGB (baffle)

Replaces: 75W Halogen

Wattage: 13W

Voltage: 120V

UL Listing: Wet Rated

CCT: 2200 - 6500K and  
16+ million colors

Dimming: Down to 5%

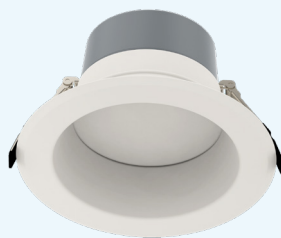
CRI: 90+

Lifespan: 50,000 Hours



# 6" and 8" SmartShift™ Ready Commercial

The RGBW models of our popular canless wafers put color tuning at your fingertips. Offered in smooth and baffled trims, the 4" and 6" models let you choose from 16+ million colors to suit any mood. They also offer tunable white, are dimmable, and deliver high CRI. Their ultra-low-profile design and off-board driver make them a flexible solution for both new construction and remodeling, and they are suitable for indoor and outdoor applications.



## C623/LCB

Replaces: 32W CFL

Wattage: 23W

Voltage: 120-277V

UL Listing: Wet Rated

CCT: 2700 - 6500K

Dimming: Down to 5%

CRI: 90

Lifespan: 50,000 Hours



## C830/LCB

Replaces: (2) 42W CFL

Wattage: 30W

Voltage: 120-277V

UL Listing: Wet Rated

CCT: 2700 - 6500K

Dimming: Down to 5%

CRI: 90

Lifespan: 50,000 Hours





# SmartShift™ Ready Surface Mount



TITLE 20

6" retrofit only



TITLE 24



ENERGY STAR



FCC COMPLIANT



IC RATED



WET RATED

The RGBW models of our popular canless wafers put color tuning at your fingertips. Offered in smooth and baffled trims, the 4" and 6" models let you choose from 16+ million colors to suit any mood. They also offer tunable white, are dimmable, and deliver high CRI. Their ultra-low-profile design and off-board driver make them a flexible solution for both new construction and remodeling, and they are suitable for indoor and outdoor applications.

## DSK34-4/LCB

Replaces: 50W Incandescent

Wattage: 10W

Voltage: 120V

UL Listing: Wet Rated

CCT: 2700 - 6500K

Dimming: Down to 5%

CRI: 90

Lifespan: 50,000 Hours



## DSK34-4/LCB

Replaces: 85W Incandescent

Wattage: 15W

Voltage: 120V

UL Listing: Wet Rated

CCT: 2700 - 6500K

Dimming: Down to 5%

CRI: 90

Lifespan: 50,000 Hours



## SUMO12/LCB

Replaces: 120W Incandescent

Wattage: 24W

Voltage: 120-277V

UL Listing: Wet Rated

CCT: 2700 - 6500K

Dimming: Down to 5%

CRI: 90

Lifespan: 50,000 Hours



## SUMO19/LCB

Replaces: 150W Incandescent

Wattage: 15W

Voltage: 120-277V

UL Listing: Wet Rated

CCT: 2700 - 6500K

Dimming: Down to 5%

CRI: 90

Lifespan: 50,000 Hours





# Lightcloud Blue | Lamps

All Lightcloud Blue-enabled lamps will instantly connect to the system's app via Bluetooth Mesh, getting you up and running in minutes.

## Features



**Tunable White:** Color temperature that is fully adjustable within the specified range



**SmartShift:** Circadian lighting adjusts light levels and CCT to match the natural pattern of the sun



**Natural Spectrum Technology:** Emits less sleep-disturbing blue light, promoting healthier sleep. Also renders colors much more accurately so you can see them as they truly are.\*



**Tunable Color:** Select from 16+million colors to customize your space to suit any mood.

*\*On select models only*

# A19 Natural Spectrum

The most commonly used lamp shape, this A19 is engineered with Lightcloud Blue capability. Designed with durable plastic construction and a frosted lens, this A19 produces smooth, diffuse light with highest color rendering accuracy. It can be used in closed or open fixtures, in dry or damp locations, and carries RAB's 3-year, no-compromise warranty.



## LCBA19-10-E26-9TW-SS-NS

**Replaces:** 60W Incandescent

**Wattage:** 10W

**Voltage:** 120V

**Base:** E26 Edison

**CCT:** 2700 - 6500K

**Dimming:** Down to 5%

**CRI:** 95+

**Lifespan:** 25,000 Hours



# A19 RGBW

## LCBA19-9-E26-9RGB-SS

**Replaces:** 60W Incandescent

**Wattage:** 8W

**Voltage:** 120V

**Base:** E26 Edison

**CCT:** 2200 - 6500K and  
16+ million colors

**Dimming:** Down to 5%

**CRI:** 90+

**Lifespan:** 25,000 Hours



With over 16 million colors to choose from, these RGBW A19 lamps are ready to set your lighting to suit any mood. Tunable white also lets you adjust CCT, all from your mobile app. Designed with durable plastic construction and a frosted lens, this A19 produces smooth, diffuse light and high color rendering. It can be used in closed or open fixtures, in dry or damp locations, and carries RAB's 3-year, no-compromise warranty.

# BR30 Natural Spectrum

This energy-efficient replacement for halogen and incandescent reflector lamps is designed with durable plastic to reduce breakage and a frosted lens for smooth, diffuse light. It is rated for use in closed and open fixtures, in dry or damp locations, and carries RAB's 3-year, no-compromise warranty.



## LCBBR30-10-E26-9TW-SS-NS

**Replaces:** 65W Halogen

**Wattage:** 10W

**Voltage:** 120V

**Base:** E26 Edison

**CCT:** 2700 - 6500K

**Dimming:** Down to 5 %

**CRI:** 95+

**Lifespan:** 25,000 Hours



# BR30 RGBW

## LCBBR30-7-E26-9RGB-SS

**Replaces:** 65W Incandescent

**Wattage:** 7W

**Voltage:** 120V

**Base:** E26 Edison

**CCT:** 2200 - 6500K and  
16+ million colors

**Dimming:** Down to 5%

**CRI:** 90+

**Lifespan:** 25,000 Hours



With over 16 million colors to choose from, these RGBW BR30s are ready to set your lighting to suit any mood. Tunable white also lets you adjust CCT, all from your mobile app. Designed with durable plastic construction and a frosted lens, it produces smooth, diffuse light and high color rendering. It can be used in closed or open fixtures, in dry or damp locations, and carries RAB's 3-year, no-compromise warranty.

# Decorative Filament

Filament-style LED lamps offer a unique traditional appearance for decorative and mood-sensitive needs. Models are available in A19, ST19, G25 and B11 shapes for the most-often-used applications. They are rated for use in closed and open fixtures, in dry, damp, or wet locations, and carry RAB's 3-year, no-compromise warranty.



## LCBA19-6-E26-9TW-F-C-SS

**Replaces:** 60W Incandescent

**Wattage:** 6W

**Voltage:** 120V

**Base:** E26 Edison

**CCT:** 2200 - 4500K

**Dimming:** Down to 5%

**CRI:** 90+

**Lifespan:** 15,000 Hours



## LCBST19-6-E26-9TW-F-C-SS

**Replaces:** 60W Incandescent

**Wattage:** 6W

**Voltage:** 120V

**Base:** E26 Edison

**CCT:** 2200 - 4500K

**Dimming:** Down to 5%

**CRI:** 90+

**Lifespan:** 15,000 Hours



## LCBB11-5-E26-9TW-F-C-SS

**Replaces:** 60W Incandescent

**Wattage:** 5W

**Voltage:** 120V

**Base:** E26 Edison

**CCT:** 2200 - 4500K

**Dimming:** Down to 5%

**CRI:** 90+

**Lifespan:** 15,000 Hours



## LCBG25-6-E26-9TW-F-C-SS

**Replaces:** 60W Incandescent

**Wattage:** 6W

**Voltage:** 120V

**Base:** E26 Edison

**CCT:** 2200 - 4500K

**Dimming:** Down to 5%

**CRI:** 90+

**Lifespan:** 15,000 Hours



# T8 Linear Tubes

These popular 4 ft linear tubes are a direct replacement for fluorescent lamps and are available in both Type A (Ballast Compatible) and Type B (Ballast Bypass) styles. Both models feature **tunable white light**, making it incredibly easy to adjust your color temperature.

The Type A installs directly to the existing ballast for quick "plug and play" use. The Type B's integral driver allows the lamp to be wired directly to line voltage and accepts single-ended or double-ended wiring, making it super flexible for various applications.

They are both built from durable plastic, are NSF Listed and carry RAB's industry-leading, 5-year, no-compromise warranty.



## LCBT8-14-48P-8TW-DIR-SS

**Type:** Ballast Compatible (A)

**Replaces:** 25/28/32W  
Fluorescent

**Wattage:** 14W

**CRI:** >80

**CCT:** 2700 - 6500K

**Voltage:** Ballast Dependent

**Base:** G13

**Dimming:** Down to 5%

**Lifespan:** 50,000 Hours



## LCBT8-18-48P-8TW-SD-BYP-SS

**Type:** Ballast Bypass (B)  
Single- or Double-Ended

**Replaces:** 32W Fluorescent

**Wattage:** 18W

**CRI:** >80

**CCT:** 2700 - 6500K

**Voltage:** 120-277V

**Base:** G13

**Dimming:** Down to 5%

**Lifespan:** 50,000 Hours



## T8-17-48P-8TW-SD-BYP/LCBS/MVS

**Type:** Ballast Bypass (B)  
Single- or Double-Ended

**Replaces:** 32W Fluorescent

**Wattage:** 17W

**CRI:** >80

**CCT:** 2700 - 6500K

**Voltage:** 120-277V

**Base:** G13

**Sensor Type:** Microwave (MVS)

**Dimming:** Down to 5%

**Lifespan:** 50,000 Hours



2019  
TITLE  
24  
PART 6  
ENERGY EFFICIENT  
SOURCE REQUIREMENTS

TITLE  
CA20  
COMPLIANT

TITLE 20

RGB A19 and  
RGB BR30 only

ENERGY  
STAR

ENERGY  
STAR

A19s, BR30s, and  
decoratives only

DLC  
LISTED

T8 Tubes, high bay,  
and post top only

FCC  
COMPLIANT

FCC  
COMPLIANT

NSF  
CERTIFIED

NSF  
CERTIFIED

T8 Tubes only

## Field-Adjustable Post Top

This energy-efficient replacement for HID lamps lets you customize both wattage and CCT in the field. An integrated sensor port supports Lightcloud Blue Controllers\* with either a PIR or MVS sensor and daylight sensing. It can be used in closed or open fixtures, in dry or damp locations, and carries RAB's unbeatable 5-year, no-compromise warranty.



### HID-54S-EX39-8TW-BYP/LCBBR

Replaces: 150/175/200W MH

Wattage: 35/45/54W

Voltage: 120-277V

Base: EX39 Mogul

CCT: 3000/4000/5000K\*\*

Dimming: Down to 5%

Lifespan: 50,000 Hours



## Field-Adjustable High Bay

### HID-115S-V-EX39-8TW-BYP/LCBBR

Replaces: 200/250/400W MH

Wattage: 60/80/115W

Voltage: 120-277V

Base: EX39 Mogul

CCT: 3000/4000/5000K\*\*

Dimming: Down to 5%

Lifespan: 50,000 Hours



This high bay lets you customize both wattage and CCT in the field. An integrated sensor port supports Lightcloud Blue Controllers\* with either a PIR or MVS sensor and daylight sensing. Listed for use in dry or damp locations, the high bay lamp carries RAB's unbeatable 5-year, no-compromise warranty.

## Garage Light

This plug-and-play lamp has adjustable fins that can be angled from 0° to 90° as needed and can be independently fixed at different angles, for a maximum of 360° coverage. An integrated sensor port supports Lightcloud Blue Controllers\* with either a PIR or MVS sensor and daylight sensing. It can be used in dry or damp locations, and carries RAB's 3-year, no-compromise warranty.



### HID-65-V-E26-850-BYP-GL/LCBBR

Replaces: 200W MH

Wattage: 65W

Voltage: 120-277V

Base: E26 Edison

CCT: 5000K

Dimming: Down to 5%

Lifespan: 25,000 Hours



\*A Lightcloud Blue Controller is required in order to connect to the Lightcloud Blue system.

\*\*Tunable white from 3000 to 5000K only when used with a Lightcloud Blue 5-pin, plug-in Controller.

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