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 five sites, each with up to 600 devices, for a total of 3,000 devices! Because it's so easy to grow, the system 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

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.
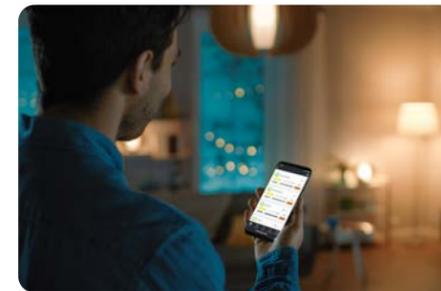
Areas

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

Scenes

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

Scheduling

Create schedules for lights to turn on or off, dim, brighten, or change color temperature. Last-minute change? Schedules can be adjusted or disabled at any time from your smartphone.

SmartShift*

Our circadian lighting system automatically tunes the color and intensity of indoor lights throughout the day, mimicking the sun's changing light as it rises and sets.

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 home system, benefit from SmartShift circadian scheduling, leverage daylight harvesting and motion detection, or simply add points of control, these tools have you covered.

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.

Remote

The Lightcloud Blue Remote lets you control your lighting without your smartphone. Manage on/off switching, dimming, color temperature tuning, and set two programmable buttons for custom scenes. The remote also comes with a wall plate to easily add a point of control.

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.

*Requires a Lightcloud Blue Controller*

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.

Dimmer

The Lightcloud Blue Dimmer is a decorator-style, in-wall dimmer, switch, and scene remote that can be configured to control any enabled lighting on your site.

Coming soon

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 set your lights to turn on and off while you're away…you'll never have to worry about your lighting again.

6" Retrofit Downlight with White Baffle Trim

- Replaces 120V 75W Incandescent
- Tunable White: 2700 - 6500K
- Dimmable to 5%
- 95+ CRI
- E26 Edison Base Adapter

10W A19 Lamp

- Replaces 120V 60W Incandescent
- Tunable White: 2700 - 6500K
- Dimmable to 5%
- 95+ CRI
- E26 Edison Base

10W BR30 Lamp

- Replaces 120V 60W Incandescent
- Tunable White: 2700 - 6500K
- Dimmable to 5%
- 95+ CRI
- E26 Edison Base

Lightcloud Blue Nano

- SmartShift Circadian Control
- Schedules
- Alexa/Google Home Integration

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!
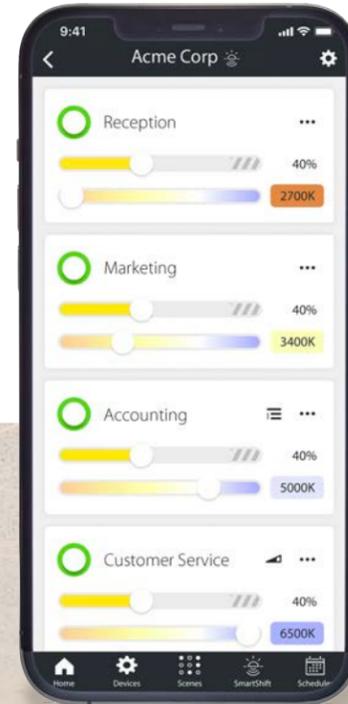
2x2 SWISH Center Basket with Passive Infrared Sensor

• 120-277V
• 0-10V Dimming
• Field-Adjustable Wattage
• Field-Adjustable CCT
• Daylight Harvesting
• 100,000-Hour Lifespan

10W A19 Lamp

• Replaces 120V 60W Incandescent
• Tunable White: 2700 - 6500K
• Dimmable to 5%
• 95+ CRI
• E26 Edison Base

10W BR30 Lamp

• Replaces 120V 60W Incandescent
• Tunable White: 2700 - 6500K
• Dimmable to 5%
• 95+ CRI
• E26 Edison Base

Lightcloud Blue Nano

• SmartShift Circadian Control
• Schedules

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.
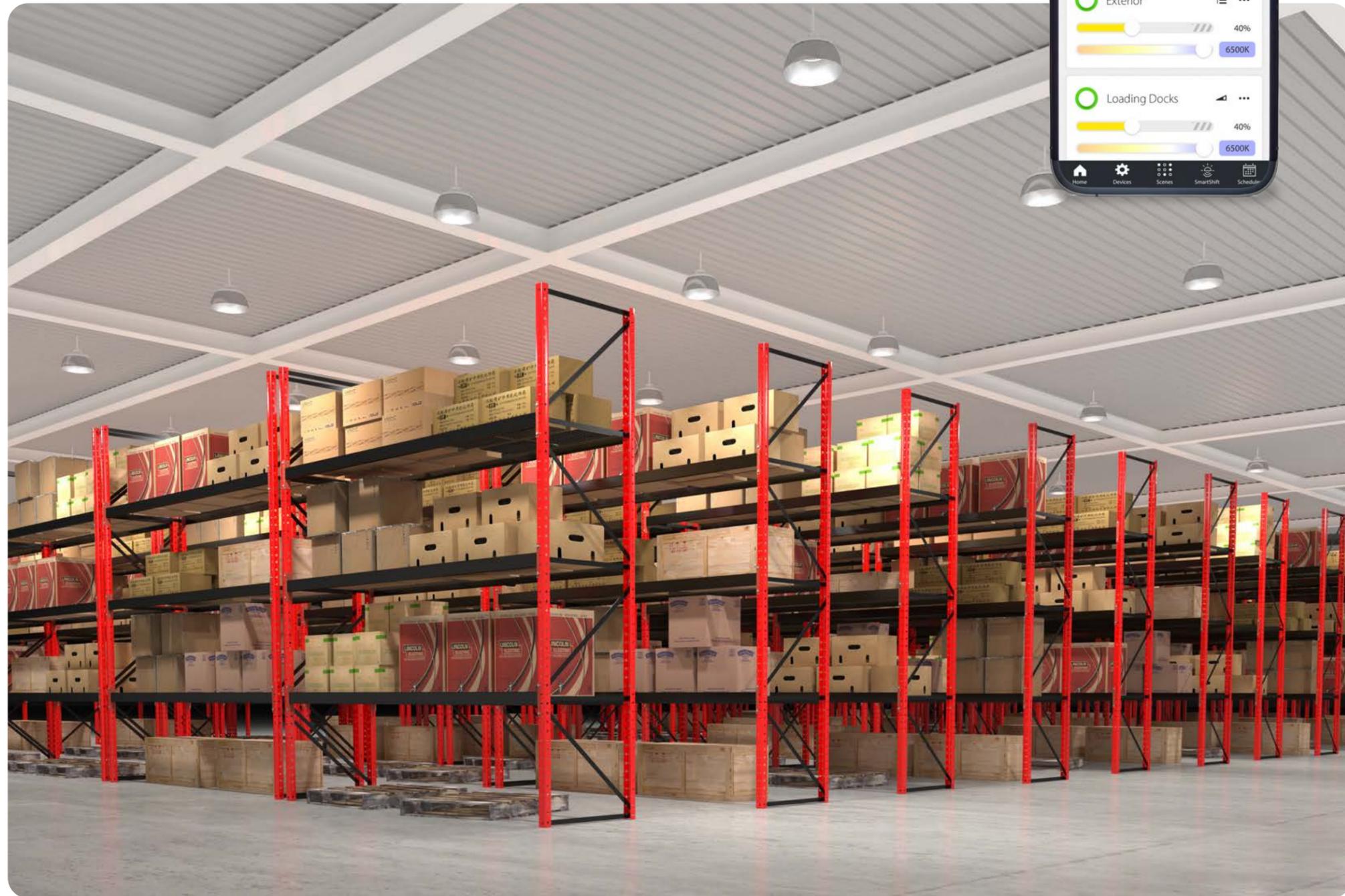
115W High Bay Lamp

- 120-277V
- 0-10V Dimming
- Tunable White: 3000 - 5000K*
- Field-Adjustable Power:
  200/250/400W*
- EX39 Mogul Base
- Integrated sensor port
- 80+ CRI
- 50,000-Hour Lifespan
Only when used with Controller

PIR Sensor

- Wireless Range: 60 ft.
- Connector: 5-Pin Auxiliary Plug
- Sensor Coverage: 45 ft Diameter
- Mounting Height: Up to 25 ft
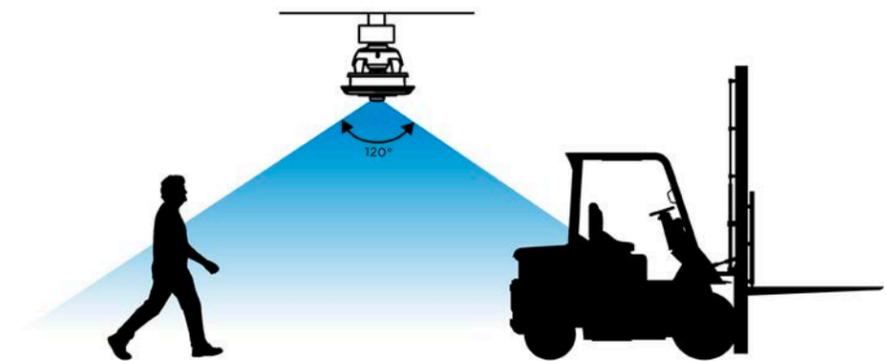
SmartShift

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!
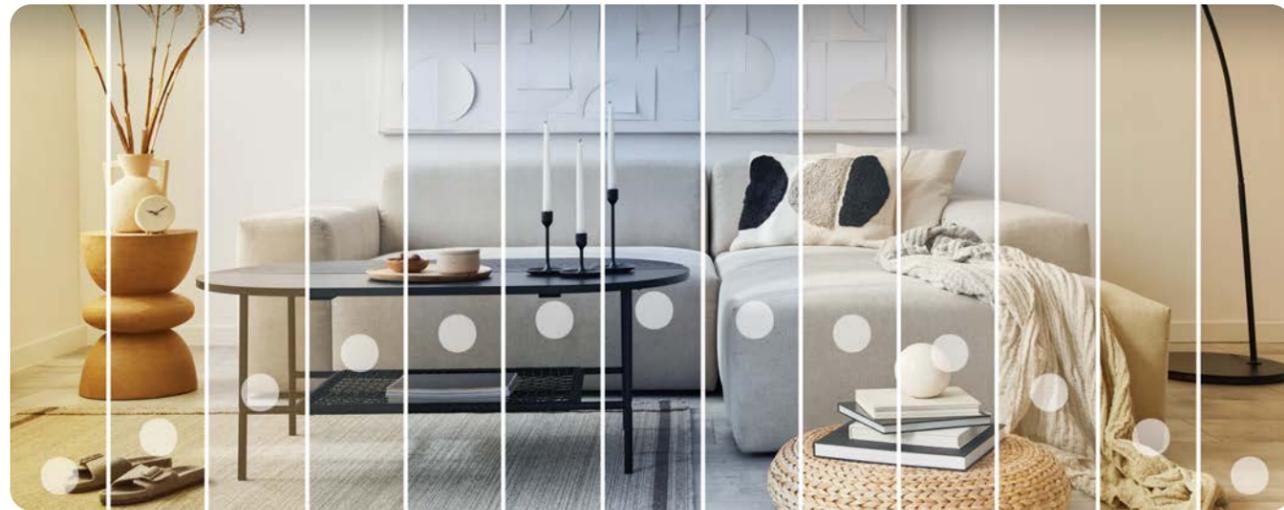
| 2700K | 6000K | 2700K |

Requires the use of a Lightcloud Nano. Sold separately.

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).
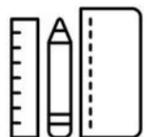
Calm

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

Easy Automation

Safety and security are critically important to everyone, and Lightcloud Blue offers two great ways to help maintain both: Activity Mode and Emergency Mode. Whether you're leaving your site unattended for long periods of time or in need of emergency assistance, these two settings are there to lend a hand.

Activity Mode

Set a schedule for when you're away, so that the lights will turn on and off in intervals, creating the illusion that an empty space is occupied.

Emergency Mode

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

Interested?

rablighting.com

1 (844) - LIGHTCLOUD

RAB | Lightcloud Blue

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.

LCBLUEREMOTE/W

Voltage: 3V

Amps: 10mA

Range: 60 feet

Battery Life: 2 years

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

Weight: 0.21 lbs

Nano

The Nano expands Lightcloud Blue's capabilities to include SmartShift™ circadian lighting, scheduling, and compatibility with Amazon® Alexa or Google® Nest. It also offers manual control over all devices on a site, letting you turn lights on/off or cycle through color temperatures. Simply plug the Nano into a USB power source to get started.

Controller

Turn any 0-10V LED Dim-to-Off (DTO) 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. 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.

COMING SOON…
Lightcloud Blue Dimmer
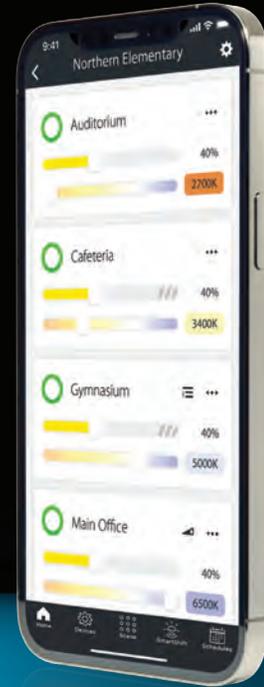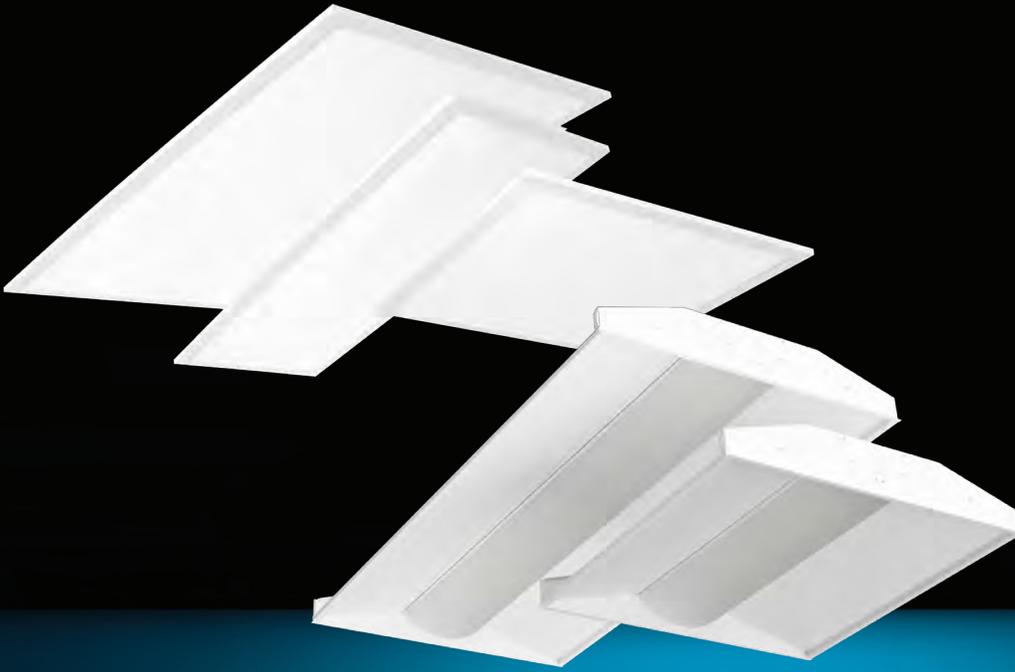
Lightcloud Blue │ EZPAN & SWISH

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.
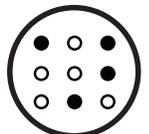
Areas

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.
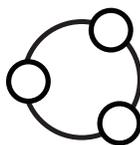
Scheduling

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.

LLLC Rebates

EZPAN and SWISH fixtures with an integrated 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 *(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.

Product Family	Size		Wattage		CCT		Dimming		Control Options		Other Options	
EZPAN							/D10					
	2X4	2' x 4'	50	50W (2' x 4')	Blank	5000K	/D10	0-10V Dimming	LCB	Lightcloud Blue Enabled	Blank	None
	2X2	2' x 2'	40	40W (2' x 4', 2' x 2', 1' x 4')	N	4000K			LCBS	Lightcloud Blue Enabled w/PIR Sensor	/E2	Battery Backup
	1X4	1' x 4'	30	30W (2' x 4', 2' x 2', 1' x 4')	YN	3500K						
			17	17W (2' x 2', 1' x 4')	Y	3000K			LCBS/MVS	Lightcloud Blue Enabled w/MVS Sensor		

Product Family	Size		Dimming		Control Options		Other Options	
EZPANFA			/D10					
	2X4	2' x 4'	/D10	0-10V Dimming	LCB	Lightcloud Blue Enabled	Blank	None
	2X2	2' x 2'			LCBS	Lightcloud Blue Enabled w/PIR Sensor	/E2	Battery Backup
	1X4	1' x 4'			LCBS/MVS	Lightcloud Blue Enabled w/MVS Sensor		

SWISH *(Standard & Field Adjustable)*

The SWISH center basket is available in two 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.
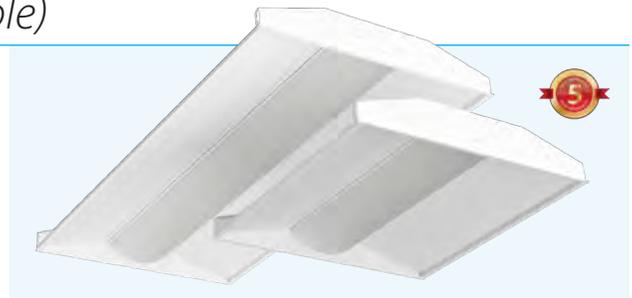
Product Family	Size		Wattage		CCT		Dimming		Control Options		Other Options	
SWISH							/D10					
	2X4	2' x 4'	49	49W (2' x 4')	Blank	5000K	/D10	0-10V Dimming	LCB	Lightcloud Blue Enabled	Blank	None
	2X2	2' x 2'	39	39W (2' x 4')	N	4000K			LCBS	Lightcloud Blue Enabled w/PIR Sensor	/E2	Battery Backup
			29	29W (2' x 2')	YN	3500K						
			19	19W (2' x 2')	Y	3000K			LCBS/MVS	Lightcloud Blue Enabled w/MVS Sensor		

Product Family	Size		Dimming		Control Options		Other Options	
SWISHFA			/D10					
	2X4	2' x 4'	/D10	0-10V Dimming	LCB	Lightcloud Blue Enabled	Blank	None
	2X2	2' x 2'			LCBS	Lightcloud Blue Enabled w/PIR Sensor	/E2	Battery Backup
					LCBS/MVS	Lightcloud Blue Enabled w/MVS Sensor		
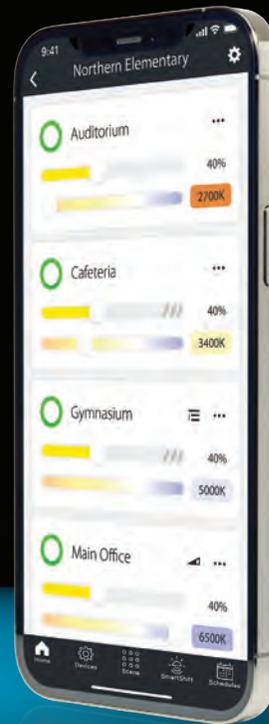
Lightcloud Blue | Downlights

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.

6" Retrofit

This popular retrofit downlight is ideal for both new construction and retrofit applications. Offered in a baffled trim, it's dimmable and delivers ultra-high CRI (California Title 20 and JA8 compliant). The low-profile design makes it compatible with most recessed housings, and installation is quick and easy, with torsion springs for 5"/ 6" cans. An Edison base adapter is also included.

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

6" 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 both 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.

COMING SOON…

4" Retrofit

4" and 6" Wafer

4" and 6" RGB Retrofit

4" and 6" RGB Wafer

…and much more!
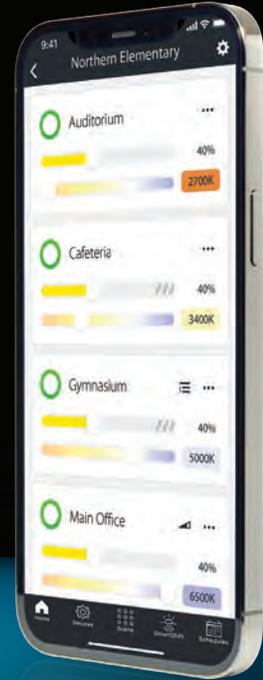
Lightcloud Blue │ Lamps

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.

A19

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	**Dimming:** Down to 5%
Wattage: 10W	**CRI:** 95+
Voltage: 120V	**Lifespan:** 25,000 Hours
Base: E26 Edison	
CCT: 2700 - 6500K	

BR30

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

Replaces: 65W Halogen	**Dimming:** Down to 5 %
Wattage: 10W	**CRI:** 95+
Voltage: 120V	**Lifespan:** 25,000 Hours
Base: E26 Edison	
CCT: 2700 - 6500K	

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.

Decorative Filament

Filament-style LED lamps offer a unique traditional appearance for decorative and mood-senstive 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	**Dimming:** Down to 5%
Wattage: 6W	**CRI:** 90+
Voltage: 120V	**Lifespan:** 15,000 Hours
Base: E26 Edison	
CCT: 2200 - 4500K	

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

Replaces: 60W Incandescent	**Dimming:** Down to 5%
Wattage: 6W	**CRI:** 90+
Voltage: 120V	**Lifespan:** 15,000 Hours
Base: E26 Edison	
CCT: 2200 - 4500K	

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

Replaces: 60W Incandescent	**Dimming:** Down to 5%
Wattage: 5W	**CRI:** 90+
Voltage: 120V	**Lifespan:** 15,000 Hours
Base: E26 Edison	
CCT: 2200 - 4500K	

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

Replaces: 60W Incandescent	**Dimming:** Down to 5%
Wattage: 6W	**CRI:** 90+
Voltage: 120V	**Lifespan:** 15,000 Hours
Base: E26 Edison	
CCT: 2200 - 4500K	

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.

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. Both are built from durable plastic, are NSF Listed and carry RAB's 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

COMING SOON…

T8 Type C

RGB A19 & BR30

Garage Lighter

HID Replacements

…and much more!

TITLE 24*

ENERGY STAR
A19, BR30 and decorative only

DLC LISTED
T8 Tubes only

FCC COMPLIANT

NSF CERTIFIED
T8 Tubes only

rablighting.com

1 (844) - LIGHTCLOUD

RAB®