Enrich your retail setting with optimal, energy-saving lighting.
Investing in high-quality, efficient lighting systems enhances shopping center appeal, promotes safety and security, and reduces operating expenses.

RAB LED fixtures can reduce a retail facility’s electric bill by up to 50-70% when replacing traditional lighting sources. They provide optimal and long-lasting lighting for a broad range of retail applications, that enhances comfort while minimizing operating costs. When installed with Lightcloud®, RAB’s high-quality lighting control system, you will save up to 88% on your energy costs, with payback in as little as 6 months.

Most RAB LED fixtures have a lifespan of 100,000 hours, providing significant savings on relamping and maintenance expenses.
Professional indoor and outdoor lighting controls, automation, and power management made simple.

Lightcloud makes property management easier with lighting controls. Control lights from anywhere or monitor what lights are being used from your phone. Unlike old panel control systems that require expensive wiring, complicated setup, and convoluted controls, Lightcloud is simple and intuitive. Devices communicate wirelessly, eliminating expensive wiring.

Controlling the system is instinctual with the Lightcloud App. Lightcloud can be factory installed on RAB fixtures or used with your existing lighting for complete control. Manually control lights or scenes from dimmer switches, Touch wall stations, phones, tablets, or computers. Lightcloud comes to life with automations such as daylighting, scheduling, or occupancy & vacancy sensing, making shopping centers safer and easier to manage.

BACnet Integration
Connects with existing building systems such as HVAC and service chutes, multiple controllers on Wasqak, via RJ-45 Ethernet and Modbus protocols.

Centralized Scheduling
Scheduling is simple with the Lightcloud App or have us make the adjustments remotely for free. Schedules can be based on fixed times or sunrise and sunset, with the option to add local rules to automatically make adjustments.

Control Remotely
Lightcloud gives you access to your light fixtures wherever you are with an Internet connection. Make changes to your phone, tablet, or computer and see them instantly on your fixture.

Energy Code Compliance
Lightcloud meets the new energy code solution for your project, and lets us handle the rest.

Energy Savings
Save hundreds of pounds per fixture, and a substantial amount of electricity and money with Lightcloud’s revolutionary, first DLC listed lighting controls.

Indoor and Outdoor
Lightcloud brings indoor and outdoor lighting together in one seamless interface that’s easy to use. Parking lots and walkways will have the same powerful controls as store displays and dining areas.

Centralized Scheduling
Scheduling is simple with the Lightcloud App or have us make the adjustments remotely for free. Schedules can be based on fixed times or sunrise and sunset, with the option to add local rules to automatically make adjustments.

No Expertise Needed
Manually control all your fixtures and automations are completely installable with our App. Help is just a call or email. If you can enter a fixture, you can install Lightcloud.

Free Support and 10-Year Warranty
Lightcloud systems have comprehensive, complete service and support. We include a 10-year repair or replacement coverage for properly installed devices at no extra charge.

Additional Functionality
Exterior & signage

**Gooseneck**
- GNLED®
  - Available in 2 lumen packages, replacing up to 300W MH
  - Lowest profile, covers footprint of traditional gooseneck lights
  - Optional with vandal-resistant, flat or domed lenses
  - IP66 rating protects against dust and low-pressure water jet ingress

**Canopy Light**
- VANLED®
  - Available in 5 lumen packages, replacing up to 300W MH
  - Lowest profile, covers footprint of traditional canopy lights
  - Optional with vandal-resistant, flat or domed lenses
  - IP66 rating protects against dust and low-pressure water jet ingress

**Floodlight**
- FFLED®
  - Available in 7 lumen packages (360, 200, 150, 125, 105, 78 and 50W)
  - FFLED saves up to 70% in energy consumption and over 150,000 hr.
  - Several mounting options and accessories (hoods, guards, colored lenses)
  - IP66 rating protects against dust and low-pressure water jet ingress

**Bollard**
- BLED®
  - Available in 3 lumen packages (24, 18 and 12W) and 3 shapes (round, square, dome)
  - Durable construction, vandal-resistant polycarbonate lens
  - Precision-engineered optics deliver maximum downward lighting without glare
  - Wall sconces available with matching design

**Stairwell Light**
- TREADSAFE™
  - Available in 2’ (28W) and 4’ (36W)
  - Ultrasonic motion sensor best suited when there is no direct line of sight
  - Battery backup ensures light remains on when building loses power
  - Bi-level dimming available
  - Available with Lightcloud Controller

**Wallpack**
- WPLED®
  - Available in 5 lumen packages (360, 200, 150, 125, 105W)
  - WPLED saves up to 70% in energy consumption and over 150,000 hr.
  - IP66 rating protects against dust and low-pressure water jet ingress

**Wallpack SLIM**
- Available in 6 lumen packages (180, 150, 125, 105, 78, 50W)
  - SLIM replaces up to 300W MH
  - Covers the footprint of many traditional wallpacks
  - Available with vandal-resistant dust and water ingress, upright and surface mount
  - Photocell options available

**Canopy Light**
- VANLED®
  - Available in 6 lumen packages (62, 57, 37, 26, 18 and 12W)
  - VANLED replaces up to 320W MH
  - Covers the footprint of many traditional wallpacks
  - Photocell options available

**Gooseneck**
- GNLED®
  - Available in 2 lumen packages, replacing up to 300W MH
  - Lowest profile, covers footprint of traditional gooseneck lights
  - Optional with vandal-resistant, flat or domed lenses
  - IP66 rating protects against dust and low-pressure water jet ingress

**Signage and storefronts**
are your calling cards. Lighting them properly ensures that you’ll be noticed from afar.

In high-traffic outdoor areas, safety is of utmost importance. Pathways, stairwells and sidewalks must all be well lit.
Optimal lighting in parking areas is vital. It improves visibility and creates a safe environment for both shoppers and employees.

### Area Light LOTBLASTER™
- Available in 3 lumen packages (160, 110, and 65W); replaces up to 400W MH
- Type II, III, IV and VS distributions
- Lightweight design and low EPA minima for pole load
- Best-in-class 5-G vibration rating
- Vandal-resistant construction protects against dust and low-pressure water jet ingress
- Available with integrated motion sensor

### Area Light ALED®
- Available in 7 lumen packages (360, 260, 150, 125, 105, 78 and 50W); replaces up to 260W MH
- Type II, III, IV distributions
- Ultra-high efficacy, up to 132 lm/W
- Precision optics deliver uniform, optimal light distribution
- Vandal-resistant construction protects against dust and low-pressure water jet ingress
- Available with integrated motion sensor or Lightcloud Controller

### Garage Light PORTO® & PORTO® XL
- Available as 14” x 14” (55, 42 and 30W) or 18” x 18” (105, 80 and 70W); replaces up to 250W MH
- Delivers 20% uplight, eliminating cave effect
- Vandal-resistant construction
- Available with integrated motion sensor or Lightcloud Controller

### Garage Light GLED®
- Available in 3 lumen packages (78, 52 and 26W); replaces up to 250W MH
- Saves up to 77% in energy costs
- Low-profile design avoids damaging SUVs and roof racks
- Vandal-resistant construction protects against dust and low-pressure water jet ingress

When Lightcloud senses occupancy, turn lights on. When Lightcloud senses vacancy, dim lights to 50%. 

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Parking lot & parking garage
An invitation to shop

Proper lighting in corridors and common areas provides shoppers with a sense of enthusiasm and comfort, inviting them to stay, take their time and splurge.

Maintain the perfect light level. With the help of a daylight sensor, Lightcloud will dim the lights to account for natural light in a space.
Well-lit retail displays with accurate color rendering, showcase products and entice customers to buy.

Departments & dressing rooms

Multi-Head Recessed MDLED®
- Delivers over 1000 lumens per head
- Choose from 1, 2, 3 or 4 Heads
- Available in black or white trim, or trimless
- Nanotechnology lens eliminates hot spots
- Produces uniform, uniform light
- Suitable for damp locations, recommended for indoor use only

2" Downlight RDLED®
- Up to 1000 lumens, replaces 50W and 75W MR16
- Available in round or square, white, matte silver or black trim, or trimless
- Low-profile, requires only 2" of headroom
- Adjustable and deep regime models® available
- Suitable for wet locations on covered ceiling; IC-rated models offered

Cove Lighting FLEXICOVE™
- Operates at 120V AC
- Architectural-grade light quality
- Offsets in brightness from 1° to 16° and designed to follow straight lines or curves
- Suitable for both indoor and outdoor use, with an IP65 rating

3" Downlight NDLED®
- 15W: Up to 1200 lumens
- 25W: Up to 1800 lumens
- Available in round or square, white, matte silver or black trim, or trimless
- Microprismatic lens for maximum glare control
- Center-axis beam angle positioning and 360° pivot
- Install and swap out optics and trim from below
- Suitable for wet locations in a covered ceiling; adjustable models suitable for damp locations
- All models IC rated

4" & 8" Downlight NDLED® & RDLED®
- 25W LED luminaire and 100W PAR38
- Available in round or square, white, matte silver or black trim finishes
- Microprismatic lens for maximum glare control
- Suitable for wet locations in a covered ceiling; IC-rated models offered

*Available in some finishes only.
Storage and maintenance rooms require well-lit areas so that staff can find supplies easily. RAB’s motion and occupancy sensors are commonly found in these areas, turning lights on when the room is in use and saving energy when they are not.

Restrooms & storage areas

Center Basket
SWISH™
- Available in 1'x2' (40W and 30W) or 2'x2' (50W and 30W)
- Ultra-high efficacy, up to 130 lm/W
- Uniform distribution and reduced glare with diffused lens
- 0-10V dimming, standard
- Available with battery backup
- Available with Lightcloud Controller

Edge-Lit Panels
EZPAN™
- Available in 1'x4' (40, 30 and 17W), 2'x2' (40, 30 and 17W), 2'x4' (50, 40 and 30W)
- Ultra-efficient, up to 130 lm/W, reducing energy costs by up to 51%
- Perfect for shallow plenums
- Battery backup option available
- Surface mount, pendant mount and recessed drywall mounting kits available
- Available with Lightcloud Controller

Linear Wrap
GUS™
- Available in 2' (25W and 18W) and 4' (50W and 36W) models
- Ideal for replacing fluorescent fixtures
- Surface, pendant or chain mounting options
- High-reflectance finish and diffuser lens reduce glare
- 0-10V dimming, standard

Surface Mount
KALI™
- 6" (12W) replaces 60W incandescent
- 4" (10W) replaces 40W incandescent
- Quick installation straight into junction box; no can required
- Suitable for damp locations; recommended for indoor use only

Occupancy Sensor
LCSENSE™
- Passive infrared motion detector
- Occupancy and vacancy sensing
- Switching for fixture or entire zone
- Supports 0-10V dimming
The SHARK® family of LED linear lights is NSF certified, impact resistant, and delivers smooth light in food preparation areas.

Proper lighting can achieve everything from creating the right mood in a restaurant, to maintaining a safe and well-lit kitchen operation behind the scenes.

Food court & restaurant
Product Solutions
RAB has the lighting solutions for all areas in your retail establishment.

- **Garage**
  - PORTO
  - High efficiency, up to 118 lm/W
  - 20% uplight eliminates "cave effect"

- **Foyer**
  - BLED
  - Precision-engineered optics deliver maximum downward lighting without glare

- **Signage**
  - GNLED
  - Available with 5 arm styles, 3 shade shapes and 11 colors

- **Restaurant**
  - SHARK
  - NSF Certified for use in food handling areas

- **Pathway**
  - SLIM
  - Available in 6 lumen packages; covers footprint of most traditional wallpacks

- **Parking**
  - ALED
  - Available in 2 lumen packages; replaces up to 1000W MH

- **Lighting index - Pt 1**
  - **Façade**
    - ALED
    - Available in 6 lumen packages; replaces footprint of most traditional wallpacks
  - **Foyer**
    - BLED
    - Precision-engineered optics deliver maximum downward lighting without glare
  - **Parking**
    - ALED
    - Available in 2 lumen packages; replaces up to 1000W MH

Lightcloud makes industrial lighting controls easy. Scheduling, daylight harvesting and motion sensing save energy while ensuring a safe environment.
LightCloud makes industrial lighting easy. Our extensive line of controls, scheduling, daylight harvesting and motion sensing saves energy while ensuring a safe environment.

- **GUS** 
  Ideal for replacing fluorescent fixtures.

- **RDLED® 6”** 
  Low-profile design enables quick and easy installation.

- **SHARK®** 
  NSF Certified for use in food handling areas.

- **DLED® 8”** 
  High efficiency, up to 95 lm/W; replaces up to 70W MH and 42W CFL.

- **NDLED® 7”** 
  Up to 3360 lumens; diffusion lens for maximum glare control.

- **MDLED®** 
  Available with one, two, three or four LED heads which rotate 360° and tilt up to 45°.

- **EZPAN™** 
  Ultra-efficient flat panel, perfect for shallow plenums.

- **Food court** 
  LED with 3-in-1 housing enables precision beam angle positioning & 360° pivot.

- **Food service** 
  Flat panel, perfect for display pleasures.

- **Food prep** 
  NSF Certified for use in food handling areas.

- **Storage** 
  Ideal for replacing fluorescent fixtures.

- **Corridors** 
  High efficiency, up to 95 lm/W; replaces up to 70W MH and 42W CFL.

- **Displays** 
  Available with one, two, three or four LED heads which rotate 360° and tilt up to 45°.

- **Retail** 
  Ultra-efficient flat panel, perfect for shallow plenums.

- **EZPAN™** 
  Ultra-efficient flat panel, perfect for shallow plenums.
Award-Winning Customer Service

Your call is important to us and will not go unanswered. Our “no voicemail” policy ensures you’ll always speak to a real person, never an automated prompt. We put the customer first, and our dedicated customer service team is here to assist you with all lighting and lighting control questions, 7:30am - 8:00pm ET.

Computer savvy? You can also use the “Live Chat” feature on our website to chat with a customer service expert.

Try before you buy.

RAB offers a hassle-free sample program so you can try a test installation before making your final decision. Just give us a call and we will send you a free sample.

Lighting Design Service

• RAB’s free lighting design service provides a custom layout that meets all of your lighting needs
• Create the best lighting solution for your space
• Provide an energy audit and cost savings information
• Design a lighting control system and strategy
• All for FREE!

RAB makes it easy.
Our industry-leading, No-Compromise, 5-Year Warranty* includes:

* Most RAB products covered by a 5-year, no-compromise warranty unless otherwise noted. RAB warranty is subject to all terms and conditions located at rabweb.com/warranty.

<table>
<thead>
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<td>Replacement fixture &amp; parts</td>
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<td>Technician &amp; labor (subject to RAB discretion)</td>
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<tr>
<td>Lumen output</td>
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<tr>
<td>Color temperature shift</td>
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<tr>
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Note: Warranty only applies to properly installed devices upon agreement with the Master Service Agreement. RAB warranty is subject to all terms and conditions located at rabweb.com/warranty.

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