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RAB

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.



Lighten up with lower energy and maintenance costs

RAB

RAB LED:

Lighting that works for your facility

Lighting accounts for as much as one-third of all energy costs in industrial facilities. Upgrading to LED lighting and controls provides a simple and cost-effective way to improve energy consumption, minimize maintenance expenses, and enhance sustainability.

RAB LED fixtures can reduce a company's electric bill by up to 50-70% when replacing traditional lighting sources. 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.

Lighting applications

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Enhance your work environment without breaking the bottom line.

When it simply isn't feasible to retrofit older, inefficient lighting with new LED fixtures, RAB's full line of LED lamps are the ideal, budget-conscience lighting alternative for your facility. Combine low upfront costs with instant energy savings and you have a quick and affordable way to improve the operating efficiency, safety and appearance of your space.



Shoebox HID Replacement

The perfect solution for replacing outdated parking lot lighting, shoebox lamps replace 250 - 400W HID and significantly reduce maintenance costs with a 50,000-hour lifespan. All are designed with a 350° rotatable base that puts light where you need it, and flaps that fold down to ensure that no light is lost in the back of the fixture.



Post Top HID Replacement

Primarily used in outdoor post top lighting for parking lots or pathways, "corn cob" lamps replace 50 - 400W MH with energy savings of up to 76%. Their circular design emits light in all directions, and their compact size allows them to fit into most existing fixtures.



Wall Pack HID Replacement

Most commonly found at entrances, building exteriors and walkways, these wall pack lamps use up to 76% less energy than the MH they replace, and feature a horizontal design that helps light perimeters and façades effectively. All are designed with a 350° rotatable base that puts light where you need it.



High Bay HID Replacement

These vertical lamps replace conventional 200 - 400W HID, and feature a circular design for optimal light distribution in large, high-traffic spaces. With a 50,000-hour lifespan, these high bay lamps significantly reduce maintenance costs in hard-to-reach areas. Their design allows for 10% uplight distribution, reducing the "cave effect".



Hybrid Tubes

Hybrid A/B tubes can be used as plug and play (UL Type A) or as a double-ended ballast bypass (UL Type B) retrofit. They're designed to handle the heat of enclosed spaces, so they can be used in both open and enclosed fixtures.



Ballast Compatible Tubes

Ballast compatible tubes can be used with the most commonly found instant start ballasts. There's no need to rewire the existing fixture—just plug and play! All models are instant on and have no flicker or hum, like most of the traditional fluorescent tubes they replace. Our linear tubes are energy efficient, mercury free, and easy to recycle.



Ballast Bypass Compact LED

Compact LEDs are available in two variations: PLC and PLL. PLC lamps replace cluster and 3U compact fluorescents (CFL) commonly found in indoor applications such as desk lamps and downlighting, while PLL lamps replace long-version compact fluorescents most often used in stairways and corridors.



Ballast Bypass Double-Ended Tubes

Ballast bypass tubes eliminate the need for an external ballast or driver, and also improve efficacy, reliability and lifespan while drastically reducing maintenance costs. Flicker-free models have advanced driver technology on board that eliminates flicker and reduces eyestrain.





A sense of security is essential.

RAB's area lighting options provide even illumination for large outdoor spaces and parking lots. Both employees and visitors will feel secure with reliable fixtures that deliver ample light with minimal glare.

Parking lots



- Area Light ALED®**
- Available in 7 lumen packages (360, 260, 150, 125, 105, 78 and 50W); replaces up to 1000W MH
 - Type II, III and IV distributions
 - Ultra-high efficacy, up to 132 lm/W
 - Precision optics deliver uniform, optimal light distribution
 - IP66 rating protects against dust and low-pressure water jet ingress
 - Available with integrated motion sensor or Lightcloud Controller



- Area Light IVELOT™**
- Available in 4 lumen packages (120, 100, 70 and 40W)
 - Type II, III, IV, VS and "forward throw" distributions
 - Bi-level configuration optional
 - Offered with pole, wall or slipfitter mounts
 - IP66 rating protects against dust and low-pressure water jet ingress
 - Available with integrated motion sensor or Lightcloud Controller



- 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 minimize pole load
 - Best-in-class 5-G vibration rating
 - IP66 rating protects against dust and low-pressure water jet ingress
 - Available with integrated motion sensor



Remote Lightcloud Control
Adjust schedules easily with the Lightcloud App, or have us do it for free. Schedules can be based on fixed times or on sunrise/sunset times, with automatic adjustment for daylight savings.



Area Light Comparison

	Premium ALED®	Standard IVELOT™	Standard LOTBLASTER®
Price	\$\$\$\$	\$\$\$	\$\$\$
Lifespan	100,000 Hours	100,000 Hours	100,000 Hours
Bi-Level	Option on 120-277V*	Option on 120-277V	Option on 120-277V
480V	Option	Option	Option
0-10V Dimming	Option	Standard	Standard
DLC Rating	Standard and Premium	Premium	Standard
Lumen Output	Up to 37,000 lumens	Up to 14,500 lumens	Up to 18,000 lumens
NEMA Distribution	Type II, III, IV	Type II, III, IV & VS	Type II, III, IV & VS
Efficacy	Up to 132 lm/W	Up to 118 lm/W	Up to 116 lm/W
EPA	.75 arm, 2.2 slipfitter*	0.6	0.8
IP Rating	IP66	IP66	IP66
Warranty	5-Year, No-Compromise	5-Year, No-Compromise	5-Year Limited

*Not applicable for 260W or 360W models
Please visit rablighting.com to see which products are DLC or DLC Premium listed.

Economy Floodlight X34™ & X34™ XL

- Available in 5 sizes and 8 lumen packages (up to 19,000 lm)
- Wide 7x7 distribution makes it ideal for general-purpose applications
- Robust knuckle mount with 180° adjustable swivel arm
- High lumen versions available with either a slipfitter or trunnion mount
- IP65 rating protects against dust & water ingress



Floodlight FFLED®

- Available in 8 lumen packages (230, 180, 120, 80, 52, 39, 26 and 18W)
- FFLED saves up to 79% in energy consumption and over \$100/year per fixture
- Several mounting options and accessories (hoods, guards, colored lenses)



Floodlight FXLED®

- Available in 7 lumen packages (500, 300, 200, 150, 125, 105 and 78W); replace up to 1500W MH
- Up to 132 lm/W can save up to 70% in energy costs
- 200, 300 and 500W models available with 5 beam spreads: 7x7, 6x4, 4x6, 5x5, 3x3
- IP66 rating protects against dust & low-pressure water jet ingress



Post-Top Area Light ALED®

- Available in 2 lumen packages (150 and 78W); replaces up to 400W MH
- Type V Square distribution
- IP66 rating protects against dust and low-pressure water jet ingress
- Available with Lightcloud Controller
- Precision optics deliver uniform light to pathways



Post-Top Area Light ALED®

- Available in 3 lumen packages (78, 52 and 26W); replaces up to 250W MH
- Type V circular distribution
- Optional photocell
- Available with bi-level control or 0-10V dimming
- IP66 rating protects against dust and low-pressure water jet ingress



Wallpack WPLED®

- Available in 4 lumen packages (26, 18, 13 and 10W); replaces up to 175W MH
- Capable of junction box & surface mounting
- Photocell option available
- Full cutoff, fully shielded and Dark Sky approved



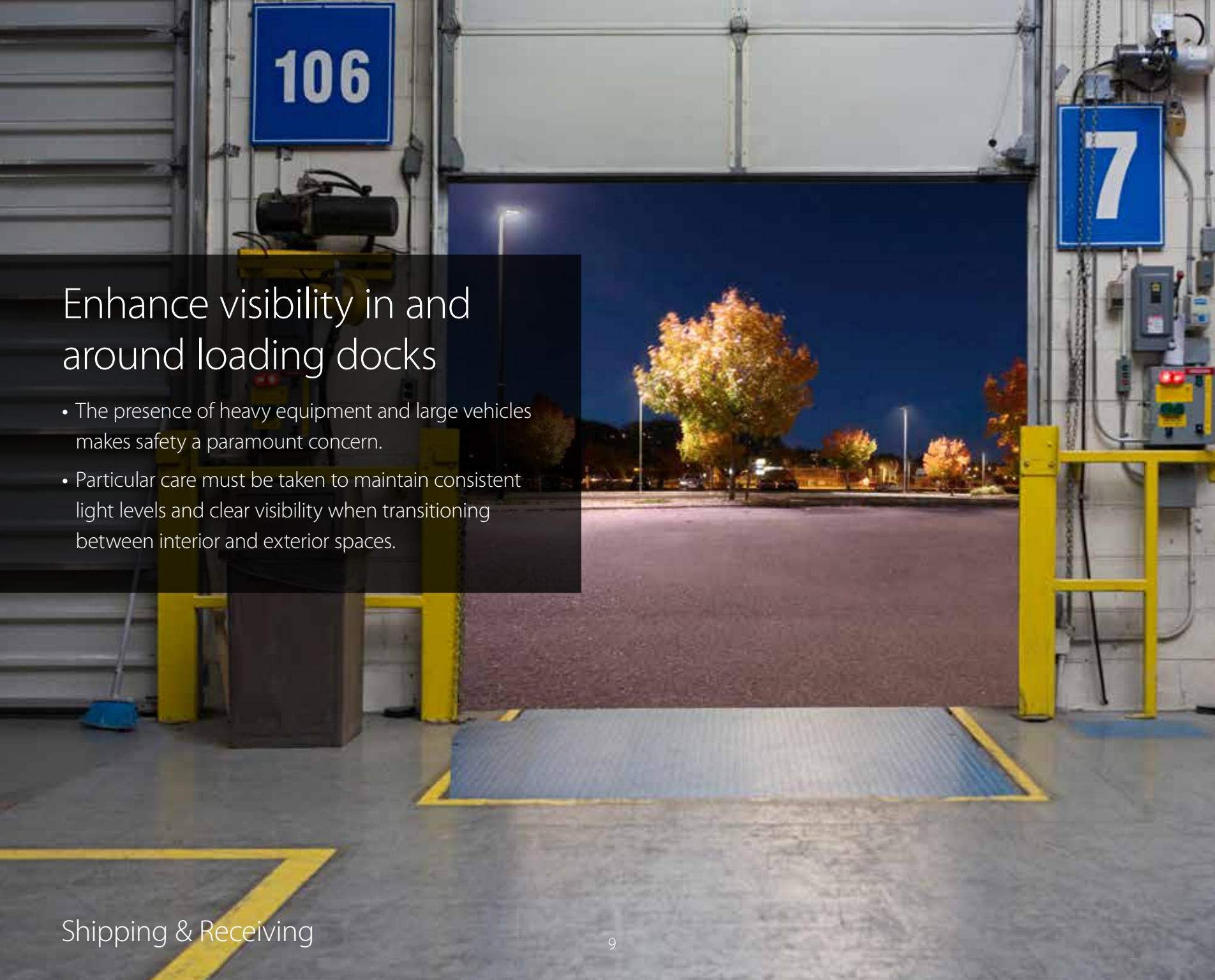
Protect your people and property

RAB fixtures provide uniform light, enabling visitors to feel secure while navigating well-lit paths and entrances.

With an extensive family of wall packs, entry lights, bollards and floodlights, we've got your exteriors safely covered.



For even more protection, add Lightcloud controls for easy scheduling and daylighting.



Enhance visibility in and around loading docks

- The presence of heavy equipment and large vehicles makes safety a paramount concern.
- Particular care must be taken to maintain consistent light levels and clear visibility when transitioning between interior and exterior spaces.

Shipping & Receiving



RAB's wallpacks are available in three cut-off angles. Our floods offer a variety of lumen packages, plus trunnion and slipfitter mounting options. Area lights provide economical lighting with four distribution types.

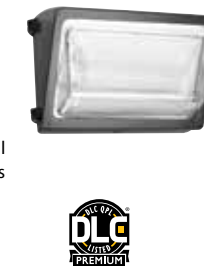
Economy Wall Pack W34™

- Available in 3 sizes and 6 lumen packages; replaces up to 400W MH
- Open-face look of traditional wall packs with economical, low-profile design
- Optional photocell or microwave occupancy sensor



Wallpack WPLED®

- Available in 3 sizes and 7 lumen packages
- Up to 15,000 lm and 155 lm/W
- Microwave sensor (MVS), photocell and Lightcloud® controller options
- 480V models available
- Covers footprint of most old HID wallpacks



Wallpack WPLED®

- Available in 3 lumen packages (104, 80 and 52W); replaces up to 400W MH
- Saves up to 75% in energy costs
- Ultra-high efficacy, up to 125 lm/W
- 3 cutoff options available



Safety First

- Hazardous environments require strict adherence to electrical codes and specs.
- Proper lighting is critical to reducing job site injuries in high-hazard areas.



RAB's line of fixtures for hazardous locations includes durable long-lasting vaporproof, flood and high bay fixtures rated for Class I, Division 2 environments.

Hazardous Location Light HAZLED®

- Class I, Division 2, Groups A, B, C, D
- IP66, UL 1598, UL 8750 and UL 844 ratings
- Four mounting options: ceiling, pendant, wall or stanchion
- Resistant to shock and vibration
- Rugged construction ensures long life and safe operation



Hazardous Location Floodlight HAZFFLED™

- Available in 3 lumen packages (52, 39 and 26W); replaces up to 175W MH floodlight
- Class I, Division 2, Groups A, B, C, D
- Resistant to shock and vibration
- Rugged construction ensures long life and safe operation
- Offered in 3 distributions: 7x6, 5x5 and 4x4



Did You Know?

Class I, Division 2 locations may have flammable vapors in the air in sufficient quantities to be explosive or ignitable under abnormal conditions (i.e. gas leak).



Did You Know?

A properly designed LED high bay luminaire is capable of providing the Illuminating Engineering Society of North America's (IES) recommended light levels, while withstanding the high ambient temperatures commonly found in manufacturing environments.



High Bay RAIL®

- Available in 52" (400W), 26" (225W), 22" (185W), 18" (150W) or 13" (95W)
- Affordable LED replacement with up to 1000W MH equivalency
- Ideal for large spaces at mounting heights up to 40 ft.
- Optional motion sensor for multi-level lighting control
- Available with Lightcloud Controller or High Bay Sensor



High Bay HAYBAY®

- Available in 4 lumen packages (180, 150, 130 and 100W)
- Traditional look, modular design
- Variety of reflector and lens options available
- Cost effective with high output
- Easy to install






High Bay AEROBAY®

- Available in 2', 3' or 4' sizes
- Up to 48,000 lm and 142 lm/W
- Passive infrared sensor (PIR), Lightcloud sensor, and Lightcloud controller options
- Battery backup available for all 120-277V models



Available for mounting heights of up to 50 feet, RAB's high bays are energy-efficient alternatives to HID lighting that keep energy and maintenance costs to a minimum, while taking warehouse lighting to new heights.

High Bay Comparison

	Standard	Economy	
	RAIL®	HAYBAY®	AEROBAY®
			
Price	\$\$\$	\$\$	\$\$
Design Form	Linear	Round	Linear
LED Lifespan	100K	100K	100K
IP Rating	IP65, Damp Location	IP65, Damp Location	IP65, Damp Location
Warranty	5-Year No-Compromise	5-Year Limited	5-Year Limited
480V Option	Yes	No	Yes
Lens	Frosted Polystyrene	Optional drop Lens	Frosted Acrylic
LED Type	Discrete	Discrete	Discrete
DLC Rating	Standard & Premium	Standard	Premium
Temp Rating (24/7 Operation)	-30°C (-22°F) to 40-55°C (104-131°F)*	40°C	-20°C (-4°F) to 50°C (122°F)

*Varies depending on model.

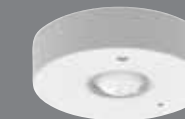
Grade-A lighting for food storage and processing areas

- LED fixtures thrive in cold environments and emit much less heat than conventional lighting.
- Food prep and processing areas require lighting that meets specific health and safety standards.



Occupancy Sensor LCSENSE

- Passive infrared motion detector
- Occupancy and vacancy sensing
- Switching for fixture or entire zone
- Supports 0-10V dimming



Ballast Compatible Tubes

- 2', 3' and 4' lengths
- T8, U-bend and T5HO shapes
- Plug-and-play installation eliminates need to rewire
- Available in both plastic and glass models
- 50,000-Hour lifespan



Linear Lighting SHARK®

- Available in 2' (25W and 18W), 4' (50W and 36W), and 8' (100W and 70W)
- NSF certified for use in food-preparation facilities
- IP66 and NEMA 4X ratings protect against dust, water ingress and corrosion
- Versatile mounting options: Chain, junction box angled surface mount, ceiling mount or vandal-resistant surface mount



Ballast Bypass Double-ended Tubes

- 2', 3', 4' and 8' lengths
- T8 and T5HO shapes
- Available in glass or coated glass
- Eliminate need for external ballast or driver
- Flicker-free models available
- 50,000-Hour lifespan





Enhance Comfort in Your Common Areas

- Soft lighting with minimal glare in cafeterias and break areas creates a relaxed and inviting environment, leaving employees feeling calm, refreshed, and ready to return to work.
- Optimal office and conference room lighting promotes attentiveness and leads to more productive meetings.
- Lighting accounts for up to a third of the energy used in a typical industrial facility. Cut those costs with LED lighting.

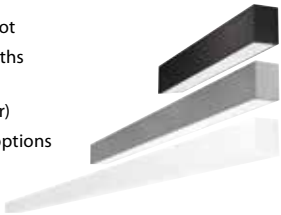
4" & 6" Downlight NDLED® & RDLED®

- Up to 2701 lumens and 103 lm/W
- Available in round or square, with white, matte silver or black trim finishes
- Low-profile, requires 3 3/4" - 6" of head room
- Microprismatic lens for maximum glare control
- Suitable for wet locations in covered ceiling; IC-rated models offered



Linear Lighting BOA®

- Delivers over 700 lumens per linear foot
- Available in 2', 4', 6', 8', 10' and 12' lengths
- Offered in matte silver or matte white (matte black available by special order)
- Surface, pendant or recessed mount options
- Proprietary optics produce soft, dimensional light at the lens
- Suitable for damp locations; recommended for indoor use only



T17™ Economy LED Troffer

- A dirt cheap solution for drop ceilings
- Low-profile panel design; classic troffer look
- On/off light only; no dimming
- LED placement mimics look of tubes when lit
- Available in 2x2 (40W) and 2x4 (50W)
- 30,000-Hour LED lifespan
- Multiple-unit cartons reduce on-site waste



T34™ Economy LED Panel

- Available in 2 sizes: 2x2 (30W) and 2x4 (40W)
- 0-10V dimmable driver, standard
- IC rated and Chicago Plenum (CCEA) compliant
- Lightcloud-enabled models offered
- 50,000-Hour LED lifespan
- Multiple-unit cartons reduce on-site waste



Edge-Lit Panels EZPAN® Field-Adjustable Edge-Lit Panels EZPAN® FA High-Efficacy Edge-Lit Panels EZPAN® HE

- Available in 1'x4', 2'x2' and 2'x4'
- Perfect for shallow plenums
- Battery backup option available
- Even and diffuse illumination, ideal for spaces requiring glare-free lighting
- Surface, pendant and recessed drywall mounting kits available
- Available with Lightcloud Controller
- Field-adjustable lumen output and color temperature on FA models
- HE models are ultra efficient, with up to 140 lm/W

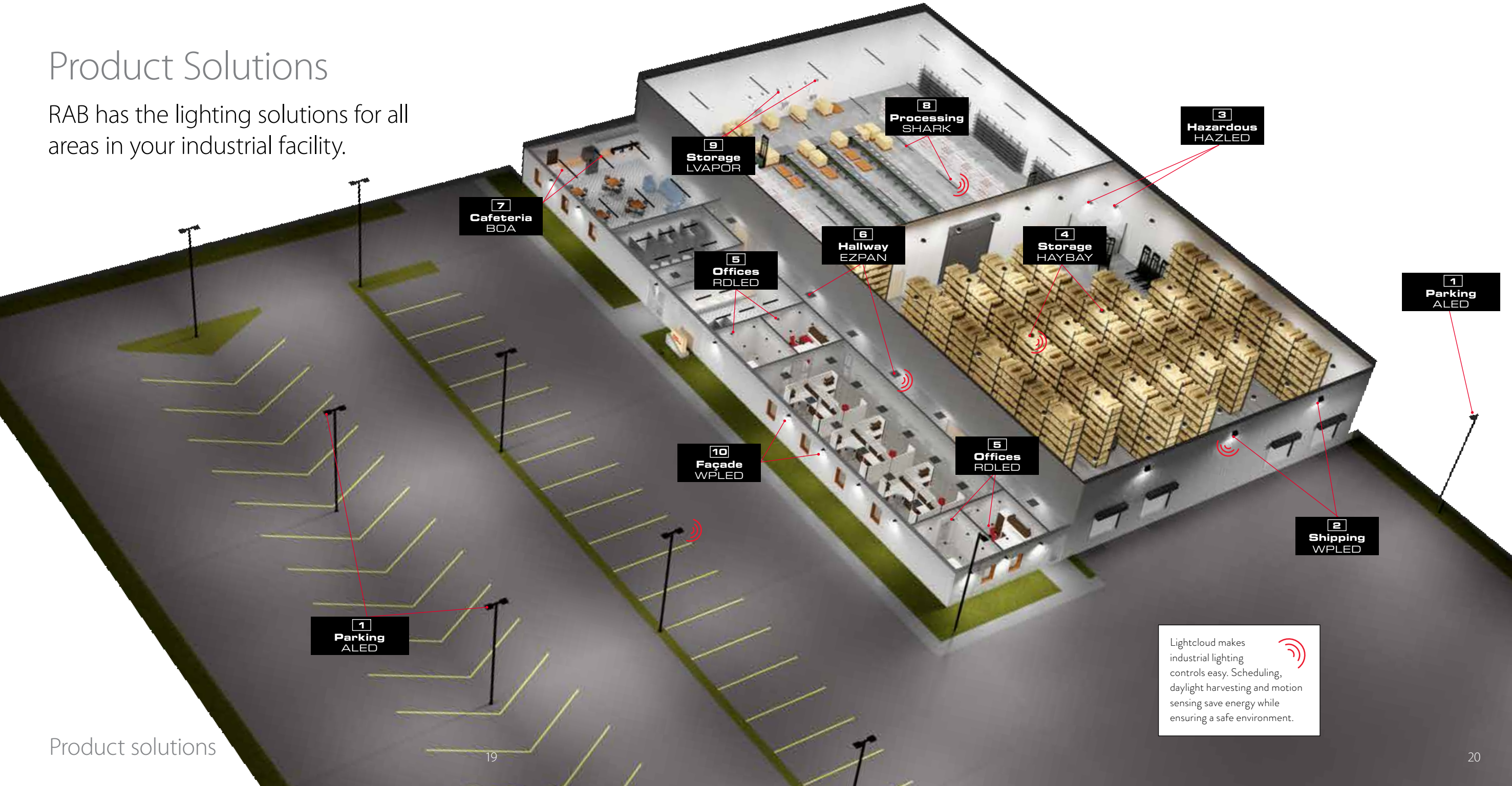


	T17™	T34™	EZPAN®	EZPAN® FA	EZPAN® HE
FEATURES					
Available Sizes	2x2 2x4	2x2 2x4	1x4 2x2 2x4	1x4 2x2 2x4	1x4 2x2 2x4
Input Power	40W 50W	30W 40W	17W 30W 40W 50W	20/30/40W (2x2, 1x4) or 30/40/50W (2x4) (all in one)	12W 23W 30W 46W
Lumens/Watt (Typical)	90 lm/W	115 lm/W	115 lm/W	120 lm/W	140 lm/W
Lumen Maintenance (L70)	30,000 hr	50,000 hr	60,000 hr	75,000 hr	100,000 hr
Ambient Operating Temperature	-20°C (-4°F) to 40°C (104°F)	-20°C (-4°F) to 40°C (104°F)	-30°C (-22°F) to 50°C (122°F)	-30°C (-22°F) to 50°C (122°F)	-30°C (-22°F) to 50°C (122°F)
CCT	4000K 5700K	4000K 5000K	3000K 3500K 4000K 5000K	3500K/4000K/5000K (all in one)	3000K 3500K 4000K 5000K
Dimming	none (on/off only)	0-10V	0-10V	0-10V	0-10V
Field Adjustable	—	—	—	✓	—
White Tuning	—	—	—	✓	—
Mounting					
Recessed (RMKPANEL)	✓	✓	✓	✓	✓
Surface (SMKEZPAN)	—	—	✓	✓	✓
Suspended (PMKEZPAN)	—	—	✓	✓	✓
Lightcloud®	—	✓	✓	✓	✓
Battery Backup	—	—	✓	✓	✓
Case Quantity	2x2 = 8 per case* 2x4 = 4 per case* <small>must order in case qty increments</small>	2x2 = 4 per case* 2x4 = 2 per case* <small>must order in case qty increments</small>	1 per case	1 per case	1 per case
DLC	—	Standard	Standard	Standard	Premium
Warranty	2 year limited	5 year limited	5 year, no compromise	5 year, no compromise	5 year, no compromise
Price	¢	¢¢	\$	\$\$	\$\$\$

*must order in case quantity increments (any /LC option is quantity 1 per case)

Product Solutions

RAB has the lighting solutions for all areas in your industrial facility.



Lighting index

1 Parking

ALED®
66% energy cost savings vs. HID with Type II, III and IV distribution options



6 Hallways

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



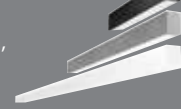
2 Shipping

WPLED®
Energy-efficient, maintenance-free LED wallpack



7 Cafeteria

BOA®
Upscale design, high-end performance, undeniable value



3 Hazardous

HAZLED®
Rugged construction with Class I, Division 2, Groups A, B, C, D and UL 1598, UL 8750 and UL 844 ratings



8 Processing

SHARK®
NSF Certified for use in food-handling areas with IP66 and NEMA 4X ratings



4 Storage

HAYBAY™
Easy to install, cost effective high bay with high output



9 Storage

LVAPOR®
Energy-efficient, maintenance-free LED vaporproof



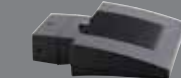
5 Offices

RDLED®
Microprismatic diffusion lens optimizes lumen output and delivers smooth, uniform illumination



10 Façade

WPLED®
Full cutoff, fully shielded and Dark Sky approved




Lightcloud makes industrial lighting controls easy. Scheduling, daylight harvesting and motion sensing save energy while ensuring a safe environment.





RAB makes it easy.

Our industry-leading, No-Compromise, 5-Year Warranty* includes:

	
	RAB No-Compromise Warranty
Replacement fixture & parts	✓
Technician & labor <i>(subject to RAB discretion)</i>	✓
Lumen output	✓
Color temperature shift	✓
Paint finish	✓
and much more...	✓

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

	
 Lightcloud®	RAB No-Compromise Warranty
Replacement devices & parts	✓
Seamless over-the-air upgrades	✓
Technical support, unlimited	✓
User assistance, unlimited	✓

Note: Warranty only applies to properly installed devices upon agreement with the Master Service Agreement. RAB's warranty is subject to all terms and conditions located at rablighting.com/warranty

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!

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 EST.

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.