

# DIALIGHT RELIANT™ HIGH BAY:

## The Next Generation in Durable Industrial LED Lighting Fixtures

### The LED Advantage for Industrial Lighting

LED technology is quickly gaining traction in the industrial lighting sector. Its long-life performance, outstanding durability, superior color clarity and light quality, and energy-saving operation have made industrial LED lighting a smart investment that delivers fast payback and measurable ROI.

This robust lighting solution is also future-ready: while conventional bulb-based fixtures have topped out when it comes to innovation—with some becoming obsolete—LED technology is the only industrial lighting source that continues to evolve. Thanks to its solid-state electronics design, advances in LED lighting innovation have continually delivered higher lumen output, greater energy efficiency, enhanced durability and greater flexibility. With a wide range of colors, form factors and options available, along with smart controls compatibility, LED lighting is the most customizable and efficient industrial lighting solution on the market.

Dialight has been at the forefront of industrial LED lighting innovation, setting the industry standard for lumen output, lumens per watt efficiency and durability. With our most advanced LED fixtures producing up to 72,000 lumens and 160 lumens per watt, Dialight LED lighting solutions deliver a vibrancy and energy efficiency far superior to high-output conventional fixtures. Our robust engineering and design specifications ensure long-life performance that provides virtually maintenance-free operation for a decade or more, making Dialight industrial LED lighting the top choice for forward-looking heavy manufacturing facilities around the globe.

The Dialight tradition of industrial LED lighting innovation continues with the new Reliant High Bay, the next generation in durable, industrial LED lighting design.



### The Reliant Revolution

*The dependability, versatility & performance you trust, now for light industrial applications.*

The Dialight Reliant High Bay represents an entirely new approach to industrial lighting, offering the same performance, durability and longevity you've come to expect from Dialight, but with a new, state-of-the-art design for lighter duty applications.

This first-of-its-kind fixture features Dialight's new next-generation polycarbonate housing with a smooth surface that sheds dust and moisture, eliminating the aluminum fins that can collect dirt and debris. Under the hood, Reliant's exclusive aluminum backbone design provides rigidity and stability while ensuring optimal thermal management.

Built with Dialight's signature industrial know-how and legacy of superior performance, Reliant is designed for use in light industrial applications and lighter-duty areas of heavy industrial facilities, such as:

- Warehouses
- Corrugating plants
- Packaging facilities
- Light manufacturing
- Automotive assembly areas
- Aviation facilities
- Chemical and other storage areas
- Large indoor spaces

This high-efficiency fixture delivers up to 160 lumens per watt, and its unique design enables tandem installation producing up to 72,000 lumens, making Reliant among the best in class for mounting heights up to 100 feet. Reliant is also available in customizable configurations, offering both the flexibility and performance you'd expect from a Dialight product, and our factory-installed direct upright accessory can provide up to 10% illumination without stealing from downlight to create a bright, comfortable environment and reduce cave effect.



## A Polycarbonate Powerhouse



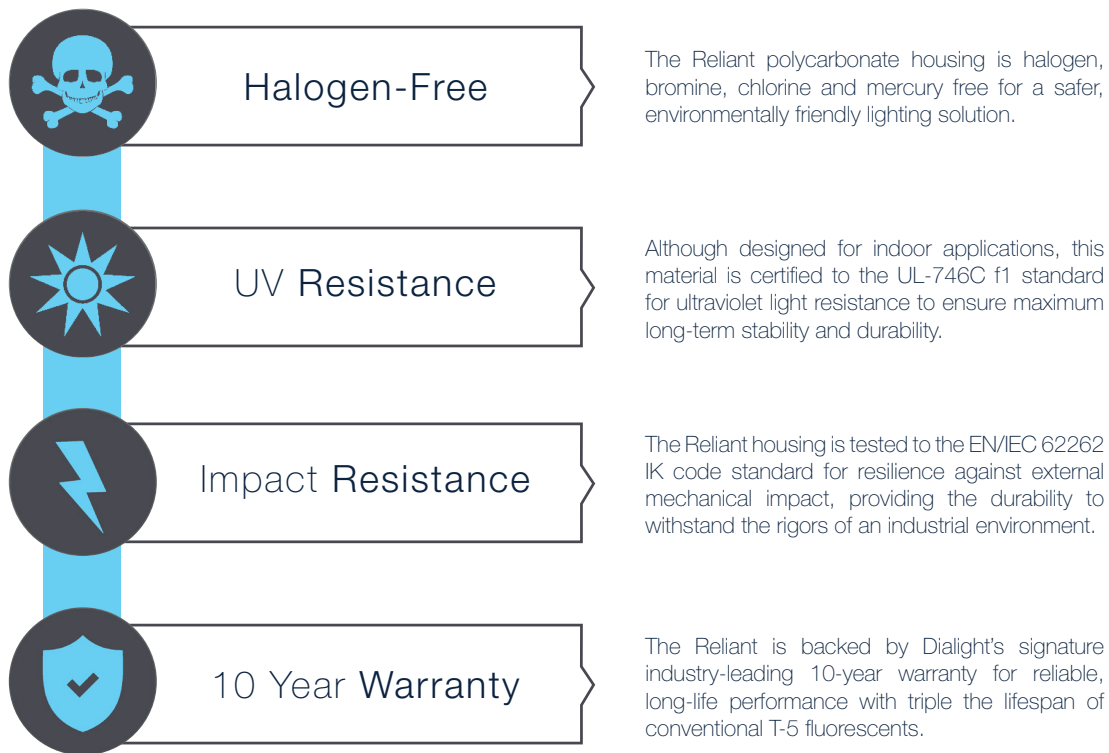
The Reliant High Bay's exclusive polycarbonate housing material provides a high-performance, UV-resistant, smooth covering that sheds dust and moisture, providing a cleaner, sleek and modern look. This rugged material delivers more lumens with less weight compared to conventional HID fixtures. It also affords easier, more flexible and contractor-friendly installation with multiple mounting options, including a single-point pendant mount.

But, don't be fooled by its lighter weight—this material delivers durability you can trust. It's the same polycarbonate material you'll find protecting police, first responders and military personnel in:

- Bulletproof glass
- Tactical armor and shielding
- Helmets and protective eyewear
- Cockpit canopies on the U.S. Air Force's F-22 Raptor fighter jet

## Performance You Can Trust

With a material that's proven to withstand these extreme conditions, Reliant's polycarbonate housing delivers uncompromising durability for industrial lighting applications, including:



## Rugged Internal Aluminum Backbone

Inside of the fixture, the Dialight Reliant High Bay features a newly designed internal aluminum backbone structure that enhances structural rigidity and durability. This backbone does double duty by also providing a built-in heatsinking mechanism for optimal thermal management. This ensures unparalleled long-life performance of critical components.

Corrosion-resistant 304 stainless steel mounting hooks are fused into the backbone for secure mounting and long-term stability in harsh environments.

## Longevity and Flexibility for Your Future-ready Lighting Needs

The Reliant High Bay combines the superior quality, durability and reliability you'd expect from Dialight, the world leader in industrial lighting and innovation. Backed by our industry-leading 10-year warranty, Reliant is guaranteed to deliver Dialight's signature long life with an L90 rated for >100,000 hours @ 25°C, virtually maintenance-free performance that thousands of facilities around the world have come to trust.

This dependable, worry-free performance is enhanced by a broad range of future-ready upgrades and options that are all field installable to help you get the maximum return on your investment. These include:

**Uplight accessory.** Available on most models as either a factory installed or field-upgradable option, offering up to 10% direct uplift.

**Robust surge protection.** Reliant's standard protection is rated at 6kV/3kA, with optional upgrade to 10kV.

**Integrated battery backup.** Reliant is available with battery backup that delivers 90 minutes of light at either 750 or 1,500 lumens.

**Wired or wireless smart lighting controls.** Reliant is available with a plug-and-play Bluetooth-enabled occupancy sensor, and the fixture is compatible with Dialight's IntelliLED wireless controls, giving you a full range of future-ready smart lighting options.

**Tandem mounting kits.** With the option to add new Reliant fixtures in tandem, Reliant lets you add more light if/when needed with minimal hassle.

**Replaceable lenses and power supplies.** Dialight offers glass, polycarbonate (clear and diffused) and acrylic lenses for on-site replacement, and Reliant's easy access, feed-through wiring compartment makes power supply, surge protection and battery backup upgrade simple.

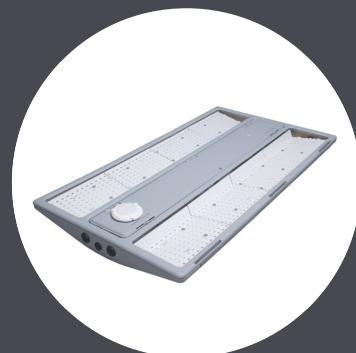
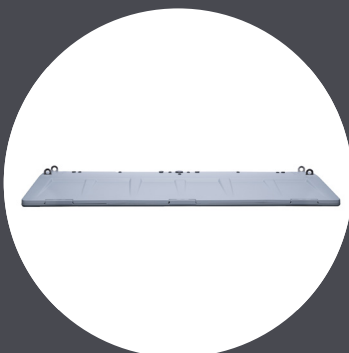
## Sustainable by Design

Building on Dialight's commitment as a champion of environmentally friendly industrial lighting solutions, the Reliant High Bay is sustainable by design to help protect the planet and support your corporate sustainability initiatives.

Reliant's 160 lumens per watt performance is one of the most energy-efficient in its class, which not only reduces energy bills but also power generation pollution, lowering greenhouse gas emissions.

While Reliant is guaranteed to last a decade, Dialight has also realistically planned for the inevitable, making nearly the entire fixture recyclable. Its molded polycarbonate housing is Plastic #7 and fully recyclable, as are the aluminum backbone, LED circuit boards and lenses. The fixture is free of mercury, halogen and other contaminants often found in conventional lighting.

From the first flip of the switch to the last, you can count on Reliant as a greener, cleaner, more sustainable industrial lighting solution.





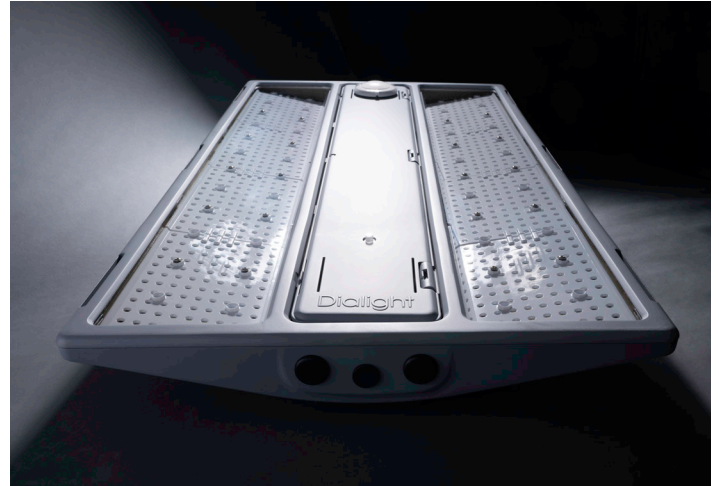
## The Dialight Difference: Performance You Can Trust

Reliant is built upon the same uncompromising standards for performance, reliability and quality that's synonymous with the Dialight brand. Backed by our hallmark 10-year warranty, Reliant delivers the low-maintenance, durability and longevity you can depend on to deliver fast payback, lower total operating costs and maximize ROI.

Reliant's superior efficiency will qualify for DLC standard and premium and makes it eligible for local utility rebates, further accelerating payback and ROI.

With Dialight's signature purpose-built, in-house designed power supply, Reliant offers superior long-term performance compared to typical off-the-shelf systems. Sealed within our protective enclosure, these components are built to withstand the rigors of industrial applications. Frequently weak links in competing systems, Dialight's exclusive component design sets Dialight products apart as the most dependable on the market.

Alongside this durability, we've also made Reliant simple to install and manage. With our easy-access wiring compartment and lighter weight chassis, the Reliant offers user-friendly installation and upgrade with less manpower and hassle. And, because Reliant is Smart Lighting ready, centralized energy and maintenance management is simple and efficient.



## The Dialight Legacy Continues

For more than 80 years, Dialight has been pushing the envelope to deliver industrial lighting innovations that have transformed the industry. With Reliant, Dialight bolsters its position as the world

leader in industrial lighting revolution with a groundbreaking new approach to fixture design.

Through our entire product family, from High Bays and Low Bays to Linears, Area Lights and more, Dialight is committed to offering the widest range of industrial lighting options. Our unmatched breadth

of product, global certifications and worldwide distribution provide single-source supplier simplicity to meet all of your industrial lighting needs with safe, dependable, economical solutions.

Industrial know-how. Powerhouse performance. That's the Dialight difference you can count on.

