DIALIGHT INTELLILED™ WIRELESS CONTROLS

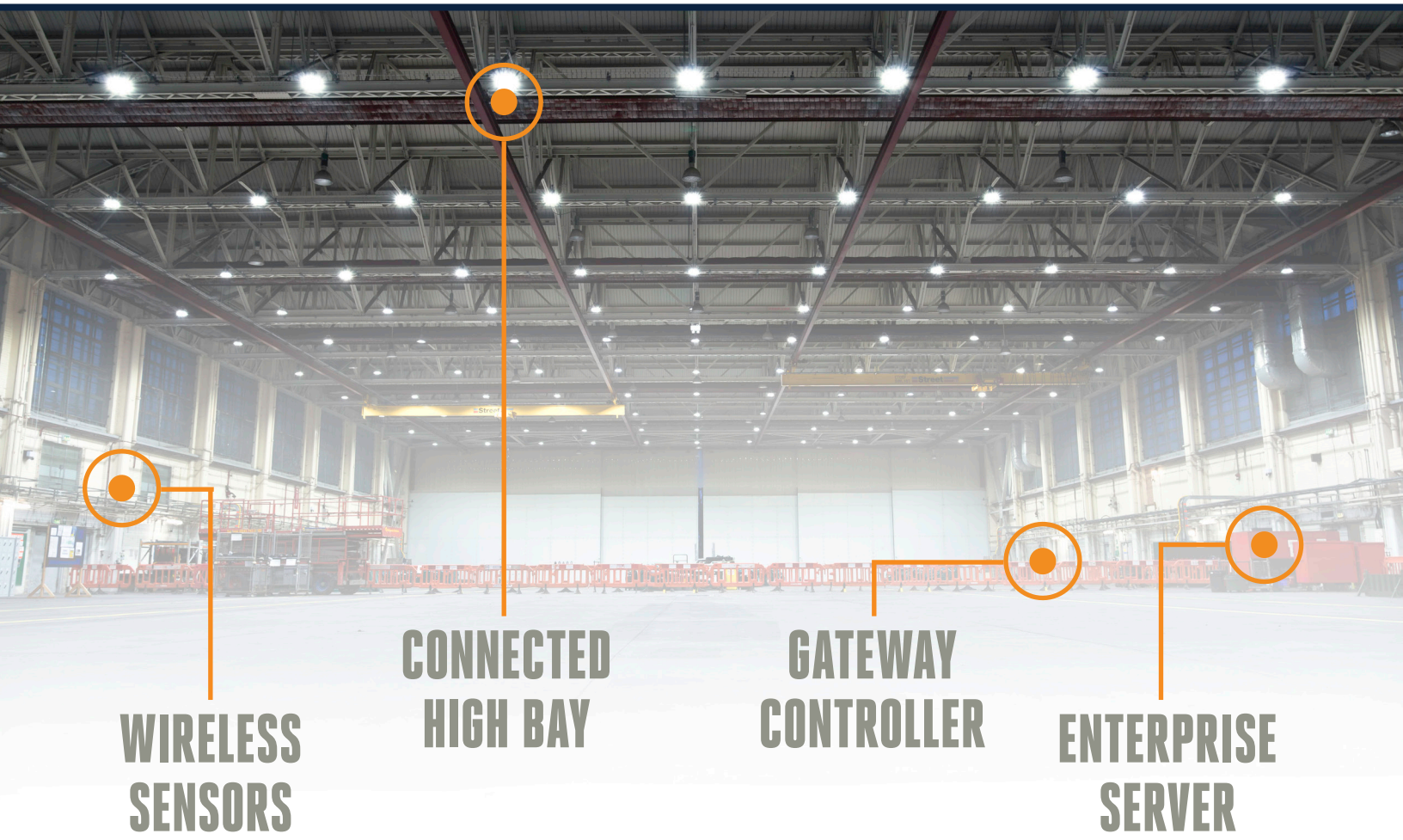
CONNECTED INDUSTRIAL LIGHTING PLATFORM - UL



Dialight

NOVEMBER 2026

Dialight IntelliLED™ Technology Overview



INTELLIGENT DECISION-MAKING

Get the most out of your facility by using the lighting infrastructure that is already in place to do more than just light the space. Leverage highly efficient Dialight industrial LED lighting and IntelliLED controls to dramatically improve safety, productivity and energy utilization. The Dialight IntelliLED IIoT (Industrial Internet of Things) platform takes our best-in-class industrial LED lighting to the next level - offering granular control and system-wide visibility to the information you need to identify and reduce risk, optimize site safety & productivity, measure performance and adapt to the future.

UNSURPASSED VALUE

SUPERIOR FIXTURE PERFORMANCE & LONGEVITY

- Material cost savings due to long fixture lifespan
- Fewer disruptions to plant operations for maintenance
- Potential for fewer fixtures to light a space
- Environmentally conscious, energy efficient technology



ADVANCED CONTROLS

- Granular system-wide control
- Reporting and data-driven insights
- Can seamlessly integrate with building automation
- Fixture upgradeability and flexible options

COMMISSIONING

Simple and intuitive commissioning tool. Plus, system can be reconfigured as needed.

SYSTEM FEATURES & FUNCTIONALITY

REPORTS & ALERTS

Track and download run-time, real-time energy usage, and lamp hours. Custom alerts, available via text and email, provide system status.

SCHEDULING

Fully customizable lighting schedule allows you to get the most out of your lighting network, 24/7.

GROUPING

Fixtures can be assigned to one or more groups to allow flexibility in controlling different areas in a facility.

SENSORS

Daylight harvesting and occupancy sensors help conserve energy when light is not needed.

DIMMING

Maximize your ROI by taking advantage of the easy to use dimming feature (light output from 100% down to 5%).

ON / OFF CONTROL

Instant on/off capabilities with the touch of a button.

ADDITIONAL FEATURES

- Fail-safe emergency ON functionality
- Easy-to-use graphical interface
- Can seamlessly work with PC, Mobile and tablet devices
- Selectable RF channels for optimal wireless connectivity
- Robust, Scalable, Self-Healing and Secure wireless mesh network designed for industrial environments
- Title 24 compliant for non-residential installations (Section 130.1 - Indoor Lighting Controls)
- Open Automated Demand Response (OpenADR) compliant
- System backup capability
- Software maintenance and support are available

System Overview

ILLUMINATION THAT TRANFORMS BUSINESS OPERATIONS

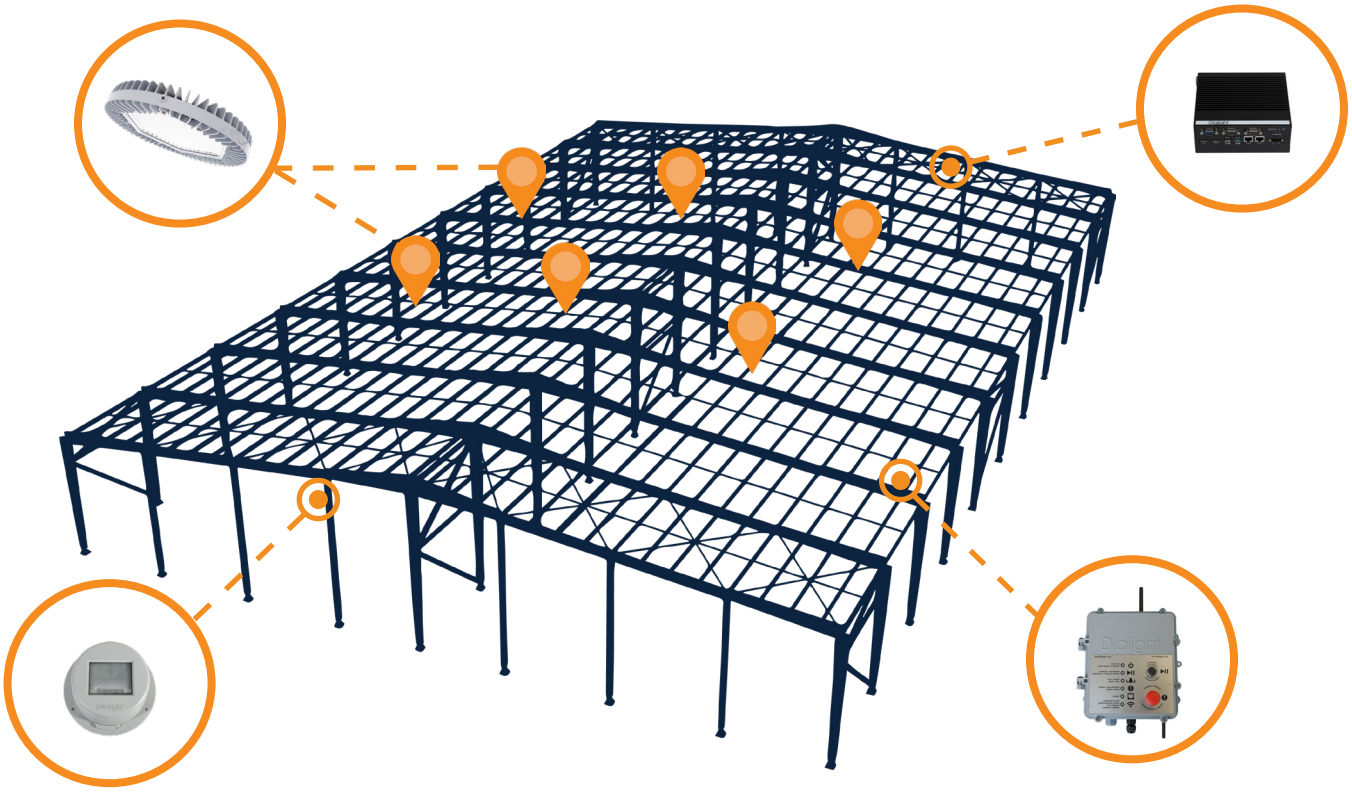
Unlock greater savings and maximize site-wide safety and productivity with customized, intelligent lighting. The Dialight IntelliLED™ system features a variety of software and hardware components designed to help you get the most out of your lighting.

CONNECTED HIGH BAY

Our state-of-the-art, highly efficient Vigilant® High Bay fixture can communicate wirelessly with all components in the IntelliLED™ system.

ENTERPRISE SERVER

The Enterprise Server offers the flexibility for complete site-wide lighting management through an easy to use web interface.



WIRELESS SENSORS

Reduce run time and maximize cost savings with daylight harvesting and occupancy sensors.

GATEWAY CONTROLLER

The gateway wirelessly integrates fixtures and sensors, offering ground-level control for up to 120 nodes*.

**Nodes = fixtures and sensors*

Industrial Automation

SEAMLESS INTEGRATION WITH FACTORY & BUILDING AUTOMATION

The Dialight IntelliLED™ system was designed with factory and building automation in mind, and is the premiere industrial lighting system that can seamlessly integrate with existing industrial automation. Our offerings allow site managers to consolidate control systems and simplify maintenance procedures by integrating with their existing PLC.

KEY FEATURES

- Condition-based lighting control: leverage sensors on machines or factory floor to change the state of the lights
- Use lighting and sensors to identify issues on the production floor such as a jam on the manufacturing line
- Captures real-time energy usage from each light within existing industrial automation system
- Custom levels of controls available when integrating with automation

THE INTELLILED™ SYSTEM UTILIZES THE FOLLOWING PROTOCOLS:

- Ethernet/IP
- PROFINET
- BACnet (certification in process)



Vigilant® LED High Bay

Dialight's Vigilant® LED High Bay sets the industry standard for energy efficiency and durability ensuring the longest-lasting performance in a wide range of industrial applications, with a decade of maintenance-free lighting.

Additionally, our state-of-the-art Vigilant® High Bay communicates via a 2.4 GHz wireless mesh network with all components in the IntelliLED™ controls system.

- Integrated design built for longevity in harsh environments: simple installation, advanced protective coatings and no replacement parts
- Highly efficient, crisp, uniform, low-glare illumination using the latest LEDs and advanced optics
- Custom power supplies: long-life drivers with optimized thermal dissipation for protection against environmental contaminants and vibration related failures





Sensors

Reduce lighting on-time and realize enhanced energy savings with daylight harvesting and occupancy sensors. Each PIR (passive infrared-based) sensor can control multiple lights and is IP66 rated to protect against dust and moisture. Plus, these network connected devices are easy to configure and re-configure as needed.

Daylight Harvesting Sensor

- Standalone AC wired sensor for flexible installation
- Multiple daylight harvesting sensors may be used to control light levels in large areas

Wide & Narrow Occupancy Sensors

- Available in standard and wide angle models
- Standalone battery powered sensor. Local DC battery power with 2-5 years of battery life (based on usage)
- Offer the ability to program system actions based on detection events

For more information on products, please see specifications at www.dialight.com



Gateway Controller

Use the heavy duty industrial Gateway to control up to 120 nodes*. The rugged, IP66/NEMA 4X rated enclosure features an easy-to-use interface with prominent emergency ON button and LED system indicators.

- Wirelessly connects to up to 120 nodes*
- Gateway controller features: rugged design and IP66/NEMA 4X rated enclosure, multi-language interface, LED indicators for assessing system condition and prominent emergency ON override
- Protected, permission-based user profiles
- Configurable, scalable and stable wireless mesh network
- Troubleshooting: Network Connectivity Status and Analysis views display connections and topology. Selectable RF channels allow for optimal wireless connectivity
- Connect to the gateway with a web-enabled device via WIFI or wired Ethernet

**Nodes = fixtures and sensors*

For more information on products, please see specifications at www.dialight.com



Enterprise Server

The Enterprise Server offers the flexibility for complete site-wide lighting management through an easy-to-use web interface. It is required when integrating with existing building automation or when managing multiple sites through a centralized system. The Enterprise Server offers one stop shopping for control of worldwide sites.

- Required for multi-site or multi-gateway applications
- Communicates to gateways via wired Ethernet
- Seamless integration with existing factory automation
- Web-based interface
- Protected, permission-based user profiles
- Option for remote access from anywhere in the world
- Troubleshooting: Network Connectivity Status and Analysis views display connections and topology. Selectable RF channels allow for optimal wireless connectivity
- Annual software license to keep your software up-to-date and access to new capabilities

For more information on products, please see specifications at www.dialight.com

Product Information

GATEWAY ONLY SYSTEM

When to use: For simple control of lighting in a small area

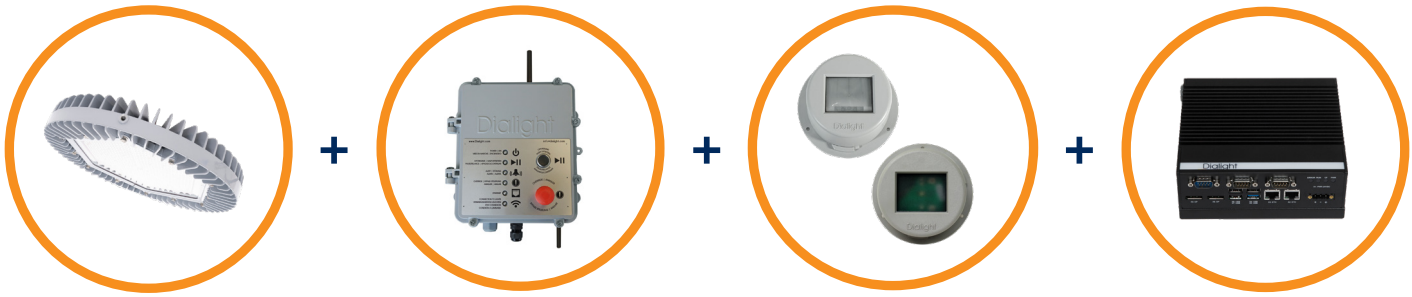
System Components	Quantity	Required
Vigilant® LED High Bay Fixture	<120	Yes
IntelliLED™ Gateway Controller	1*	Yes
IntelliLED™ Sensors (DLH or Occupancy)	1 or more	Optional



ENTERPRISE-CONTROLLED SYSTEM

When to use: For centralized control of large amounts of fixtures (>120) and/or fixtures spanning everything from multiple rooms to worldwide sites

System Components	Quantity	Required
Vigilant® LED High Bay Fixture	10-10,000	Yes
IntelliLED™ Gateway Controller	1 per every 120 nodes*	Yes
IntelliLED™ Sensors (DLH or Occupancy)	1 or more	Optional
IntelliLED™ Enterprise Server	1	Yes



**Total number of nodes (fixtures and sensors) = maximum 120 combined per Gateway*

FACTORY OR BUILDING AUTOMATION CONTROLLED SYSTEM

When to use: For control and monitoring of lights through existing factory automation or building automation

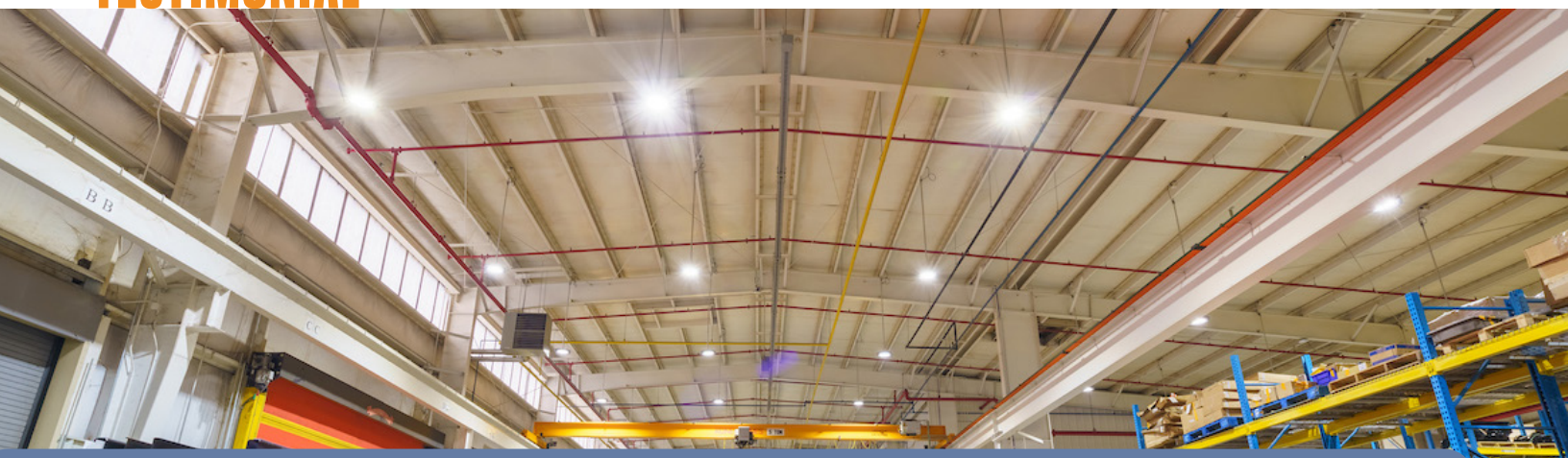
System Components	Quantity	Required
Vigilant® LED High Bay Fixture	10-10,000	Yes
IntelliLED™ Gateway Controller	1 per every 120 nodes*	Yes
IntelliLED™ Sensors (DLH or Occupancy)	1 or more	Optional
IntelliLED™ Enterprise Server	1	Yes
Factory Automation System	Existing	Yes



**Total number of nodes (fixtures and sensors) = maximum 120 combined per Gateway*

For customer support, please visit www.dialight.com/contact/technical-support/

TESTIMONIAL



"As an electrician with over 30 years experience, I've installed a fair share of lighting fixtures. Dialight Vigilant® High Bays with IntelliLED™ Wireless Controls were some of the easiest wireless fixtures I've installed to-date. The installation took minutes and the software was far easier than it's industrial competitors."

-- AARON DEAN, JOURNEYMAN ELECTRICIAN, IBW LOCAL 400

About Dialight

Dialight is the world leader in industrial LED lighting with over 1 million fixtures installed worldwide. At Dialight, our mission is to enable industrial customers operating in demanding environments to reduce their energy costs, maintenance costs, and carbon footprint while maximizing the safety and productivity of their facilities.

BEFORE



Many industrial worksites are hampered by antiquated, inefficient lighting systems that that waste energy, require frequent maintenance, give off sub-optimal illumination, and offer no means of control or integration with building automation.

LED industrial lighting technology is the safest, most efficient solution to address industrial workplace safety risks – offering improved visibility of hazards, ideal color for alertness and color perception, no risk of exposure to mercury or UV, and avoided maintenance hazards including electrocution and falls from elevation.



AFTER

To learn more about Dialight IntelliLED™ controls, please contact your local Dialight sales representative or visit www.dialight.com

North American HQ
1501 Route 34 South
Farmingdale, NJ 07727
Tel: 732-919-3119
Fax: 732-751-5778
info@dialight.com

WARNING / DISCLAIMERS:
Installation & secondary retention. The use of this product without proper installation (including secondary retention / netting) and periodic inspections, could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate to the installation environment) as applicable. Dialight products are intended for ultimate purchase, installation and operation by knowledgeable persons trained in the functional assessment, installation, use and maintenance of such products and all customers (including but not limited to end customers) are responsible for assessing the suitability of Dialight products for any given installation requirement. It is the exclusive responsibility of the contractor, installer and/or end-user to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is safely installed (with secondary retention / netting as appropriate) and in compliance with all applicable laws and regulations.
Product specifications & warranties. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. All values and performance data herein are design or typical values when measured under laboratory conditions. The information herein is subject to change without notice. The products / software detailed herein are subject to applicable warranties and terms and conditions of use/purchase. Unless agreed otherwise in writing by an authorized representative of Dialight, Dialight does not represent that its products are fit for any particular purpose and accepts no liability for the installation and/or unauthorised use of its products. When ordering, refer to *www.dialight.com* for current versions of: (a) relevant product documentation (including relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranties. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at *www.dialight.com* as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document and information provided at *www.dialight.com*, the latter shall prevail.
Exclusion of liability. To the extent permissible under the relevant law, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products. Whilst Dialight has used its reasonable endeavours to ensure the completeness and accuracy of information herein, Dialight does not assume any liability for damages resulting from use of this information or for any third-party representations made in relation to Dialight products.