

Dialight



Dialight® LED High Bay, Low Bay, High Output High Bay
Product Brochure - UL

NOVEMBER 2018

Cost-Effective

Low maintenance integrated design, high efficiency, and an industry leading warranty equal significant time and cost savings.



Sustainable

A strategic focus on environmentally friendly LED technology and a commitment to helping all organizations, including our own, reach corporate sustainability goals.



Convenient

Easy retro-fit kits to make installation and maintenance turn-key.



Safe

Solutions designed for the world's most demanding industrial environments. Fully integrated designs and extensive testing ensure that you can count on our solutions every minute of the day.



Intelligent

Controlled lighting solutions that can seamlessly integrate with existing factory automation and building management systems to conveniently optimize work site safety and productivity.



Trusted

Deep expertise exclusively in LED lighting technology and decades of experience as a partner to many of the world's leading organizations has helped us achieve the largest installed base of industrial LED fixtures in the world.



Dialight's Industry Leading 10 Year Warranty

At Dialight, we take great pride in the design and robust engineering of our products. We deeply understand the harsh environments that our customers depend on our fixtures to illuminate each day. That's why our fixtures are built specifically for longevity in these conditions.

We are the only industrial LED lighting supplier with fully-integrated products built for industrial applications, featuring custom in-house power supplies designed for long-life with superior temperature tolerance, vibration resistance and built-in surge protection. Additionally, our sealed fixtures prevent moisture and contaminants from causing failures or reducing lifespan.

We stand behind our industry leading warranties with proven real-world results in the world's most challenging environments and extensive quality control testing. Additionally, whilst some other manufacturers may require a minimum threshold of 10% or more of LED components to fail in order for a product to be defective, we do not require this because the safety and productivity of your work site is of paramount importance to us.

To learn more about our warranties, please visit www.dialight.com

Vigilant® LED High Bay, Low Bay, High Output High Bay

*The longest-lasting & most installed
industrial LED High Bay, Low Bay and High
Output High Bay system on the market!*

Featuring:

- Up to 149 lumens per watt
- 80 CRI
- Wide operating temperature range (-40°F to +149°F)
- 5000K & 4000K CCT models
- Dimmable to <5%
- Integrated sensors (on select models) with IP66/67 rating and remote control operation
- Superior dual coat finish with sealed polyester topcoat
- Large range of lumen packages – 4K up to 72K
- DLC and DLC Premium (certain models)

Dialight's High Bay family stands apart in the industry with more energy efficiency and durability in a wide range of industrial applications. Featuring Dialight's exclusive purpose-built power supply for unsurpassed reliability, the Dialight High Bay offers a decade of worry-free, low maintenance lighting.





Vigilant® LED High Bay - All-Purpose Lighting

Combining ultra-high-efficiency and reliability you can count on, Dialight's award-winning Vigilant High Bay delivers outstanding light efficacy with up to 75% lower energy consumption and cost than conventional lighting. Ideal for heavy industry, manufacturing, power generation and cold storage, the Vigilant High Bay's durable, corrosion-resistant housing, high CRI LEDs and purpose-built power supply are all backed by Dialight's 10-year warranty.

- Up to 145 lumens per watt and 80 CRI
- Dimmable to <5%
- Integrated occupancy sensor with IP66/67 rating and remote control operation
- Wide operating temperature range (-40°F to +149°F)
- Superior dual coat finish with sealed polyester topcoat
- Integrated wiring box & corded models for ease of installation
- DLC Premium (certain models)



SafeSite® High Bay - Hazardous Area Lighting

Offering a wide range of hazardous certifications, Dialight's SafeSite High Bay robustly withstands the harshest conditions and virtually eliminates lighting maintenance to improve site efficiency and safety. Designed for use in oil and gas (including offshore), chemical, mining, pulp & paper and other volatile environments. The SafeSite High Bay is rated for over 150,000 hours and most are covered by Dialight's 10-year warranty.

- Wide number of lumen packages from 9K to 26K
- T5 temperature rated
- Factory sealed, IP66/67
- Up to 145 lumens/watt output
- Products rated to Class I, Div 1 & Div 2; Class II, Div 1 & Div 2; Class III
- Dimmable to <5%
- DLC and DLC Premium (certain models)



Low Bay – Vigilant® (Non-Hazardous) & SafeSite® (Hazardous) Low-Clearance Applications

Offering the same state-of-the-art technology and outstanding durability and performance as our High Bay models, Dialight's Vigilant and SafeSite Low Bay fixtures deliver class-leading safety, reliability and long life for mounting heights 10-20 feet. With its sleek profile, lightweight design and versatile mounting options, Dialight Low Bay fixtures are ideal for oil and gas, heavy industry, and cold storage. Most Low Bays carry our 10-year warranty.

- Up to 125 lumens per watt and 80 CRI
- Large number of lumen packages - 4K, 6K, 9K, 14K & 18K
- Precision, wide-pattern, low-glare optics with diffused dome and flat lens options
- Dimmable to <5%
- Integrated occupancy sensor (non-hazardous only) with IP66 rating and remote control operation
- Wide operating temperature range (-40°F to +149°F)
- Superior dual coat finish with sealed polyester topcoat
- Integrated wiring box & corded models for ease of installation
- DLC (certain models)
- SafeSite models up to T5 temperature rating



Vigilant® LED High Bay - High Output Lighting

The Vigilant High Output High Bay is designed to deliver optimum illumination at mounting heights above 60 feet (18 meters). Offering a custom-designed remote power supply, this option can be mounted up to 200 feet away inside or outside the lighted environment for maximum installation flexibility. The High Output LED fixture expands on Dialight's existing 45,000 - and 60,000-lumen high-output products with 19 percent greater lumen efficiency to provide high-efficient lighting for lofty warehouses, shipyards, manufacturing and other applications with extremely high mounting height requirements.

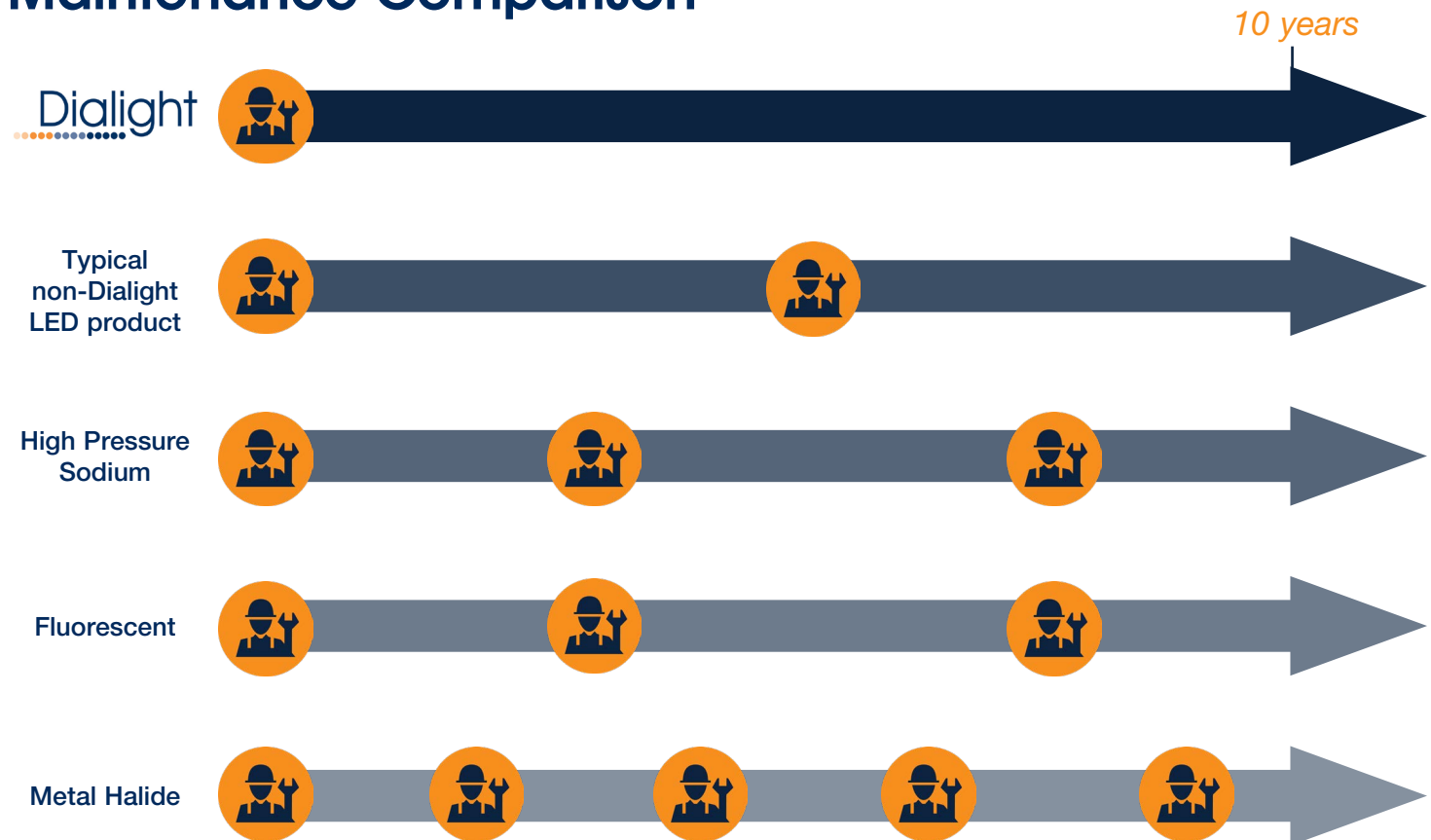
- Up to 149 lumens per watt output and 80 CRI
- Lumen packages ranging from 42K to 72K
- IP66/67
- Dimmable to <5%
- Available with onboard occupancy sensor for mounting heights up to 40 feet
- Up-light diffuser accessory projects light on the ceiling where desired
- Superior dual coat finish with sealed polyester topcoat
- Wide operating temperature range (-40°F to +149°F)
- DLC Premium (certain models)

Certifications

Designed for durability in a wide range of applications and harsh conditions, the Dialight High Bay, Low Bay and High Output High Bay are certified to a broad range of standards, including hazardous location, ingress and durability. **Certifications may vary by model/part number.**

- UL 1598/A, UL 844, UL 8750
- CID1, CID2, CIID1, CIII
- CSA
- CE, ENEC, RCM
- IP66, IP67
- NEMA 4X
- DLC and DLC Premium classification
- INMETRO
- ABS
- DNV

Maintenance Comparison



North American HQ

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

EMEA Technical Centre

Ejby Industrivej 91 B
2600 Glostrup
Tel: +45 8877 4545 (Denmark)
Tel: +44 1638 666541 (UK)
Tel: +49 89 12089 5713 (Germany)
Tel: +33 3 23 22 62 58 (France)
sales-europe@dialight.com

Houston

16830 Barker Springs Rd
Ste 407
Houston, TX 77084
Tel: 732-919-3119
Fax: 281-492-1531
info@dialight.com

Middle East

Level 42
Emirates Towers (Office Tower)
Sheikh Zayed Road
Dubai, United Arab Emirates
Fax: +971 (0) 4319 7686
Tel: +971 (0) 4319 7686

Australia

108 Howe Street
Osborne Park, WA 6017
Tel: +61 (0) 8 9244 7600
Fax: +61 (0) 8 9244 7601
info@dialight.com.au

Southeast Asia

33 Ubi Avenue 3
#07-72 Vertex (Tower A)
Singapore 408868
Tel: +65 6578 7157
Fax: +65 6578 7150
enquiry@dialight.com.sg

Brazil

Alameda Mercurio,
225 – American Park Empresarial NR
Indaiatuba – SP – 13347– 662
Tel: +55 (19) 3113-4300
Fax: +55 (19) 3113-4300
brasil@dialight.com

ALL VALUES ARE DESIGN OR TYPICAL VALUES WHEN MEASURED UNDER LABORATORY CONDITIONS. THE LIGHTING EFFICIENCY STATEMENTS CONTAINED HEREIN ARE CALCULATED ON A LUMEN PER WATTS BASIS WHEN COMPARING FIXTURES WITH SIMILAR FEATURES. ALL INFORMATION PROVIDED IS ACCURATE AS OF THE DATE OF PUBLICATION, IS SUBJECT TO CHANGE WITHOUT NOTICE AND DOES NOT FORM PART OF ANY CONTRACT WITH DIALIGHT. DIALIGHT DOES NOT WARRANT OR REPRESENT THAT ITS PRODUCTS ARE FIT FOR ANY PARTICULAR PURPOSE AND HAS NO RESPONSIBILITY FOR THE [INAPPROPRIATE/UNAUTHORISED/NON-APPROVED] USE OF ANY DIALIGHT PRODUCTS BY THE END USER.

Dialight reserves the right to make changes at any time in order to supply the best product possible.

The most current version of this document will always be available at: www.dialight.com