

Dialight



Dialight® LED Area Light

Product Brochure - Americas/UL

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

Fixtures deliberately designed with no field replacement parts for the lifespan of the fixture and 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 5, 7 and 10 Year Warranties

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

**NEW &
IMPROVED**

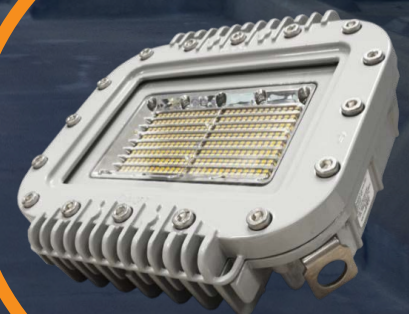
Vigilant Area Light

*The most efficient & versatile heavy industrial
LED Area Lighting system on the market!*

Featuring:

- 10 year warranty
- Up to 143 lm/W
- 100-277V AC, 50-60 Hz / 120-250V DC power supply
- 3,000 - 9,000 lumens
- Indoor, outdoor and hazardous areas
- Easy installation retro-fit options available
- 3 optical patterns: 180°, 360°, wide (oval)
- 80 CRI
- CCT: 5000K, 4000K & 2700K
- 0-10V dimming down to 5%
- Ideal for 10' (3m) to > 20' (6m) mounting heights

Dialight's LED Area Light delivers class-leading energy efficiency, functionality and dependability for superior performance in a wide range of applications in the most demanding environments. Designed around Dialight's exclusive purpose-built power supply for long-lasting reliability, the Dialight Area Light provides maintenance-free lighting you can count on with unmatched visual clarity for maximum savings and safety.





Vigilant® Area Light - All-Purpose Lighting

Combining precision optics with ultra-high-efficiency output, the Vigilant Area Light delivers maximum lighting efficacy and at least 50% reduction in energy use and cost compared to traditional HID and high pressure sodium sources. Vigilant's high-durability, corrosion-resistant housing, improved color rendering LEDs and unique AC/DC power supply are all backed by Dialight's 10 year warranty.

- 360°, 180° & wide precise optics enable 1-for-2 replacement of conventional HIDs
- Wide range of mounting brackets for fast & easy installation
- Stainless steel hardware, including secondary retention tabs for added installation security



SafeSite[®] Area Light - Hazardous Area Lighting

Providing the longest-lasting, most widely certified hazardous location Area Light in the industry, the SafeSite Area Light tolerates the harshest conditions and virtually eliminates maintenance to improve site efficiency and safety. Covered by Dialight's 5 and 10 year warranties (as applicable), the SafeSite Area Light offers superior safety and durability for oil and gas, chemical, mining, offshore, particulate and other volatile environments.

- Same great performance & features as the Vigilant, plus:
- Fully potted and factory sealed
- Up to T5 ambient temperature rating
- Hazardous certifications = UL844, CID1, CID2, CII, CIII



Specialty Voltage Lighting

Dialight offers specialty voltage options in both SafeSite and DuroSite models. Offering a unique solution for both 347-480V AC and 24-48V DC applications, the SafeSite and DuroSite Area Light offers the same performance, reliability, optics and energy efficiency expected from a Dialight fixture. These models eliminate the need to rewire—simply install Area Lights in existing circuits saving time and money on retrofit installations.

- Most flexible product offering of 24-48V DC and 347-480V AC models
- DC models for solar, wind, battery and generator-powered use
- Hazardous location certification for heavy industrial & hazardous environments
- Shock and vibration resistant & IP66/67 rated
- 5 year warranty

Universal Mounting Adapters



Dialight's innovative Universal Mounting Adapter (UMA) simplifies installation to save time and money while improving safety. Our integrated hinge-style bracket system comes pre-installed, allowing installers to simply mount the bracket to the wall, ceiling or stanchion, where it hangs safely in place while the installer makes electrical connections. After installation, the sealed wiring compartment protects those connections against dust and moisture ingress.

This unique UMA system can be purchased with the fixture and the mounting adapter hub factory installed, or separately, which eliminates the need to stock multiple mounting systems.

Bracket Options



Wall Mount
HZXW01



45° Wall Mount
HZXW45



45° Stanchion Mount
HZXS45



34mm Slip-fit Pole Mount
HZXCV34

Retro-fit Adapters

Similar to the Universal Mounting Adapters, Dialight also offers the most retrofit adapters in heavy industrial applications of any manufacturer in the industry for fast and simple upgrade to the Dialight LED Area Light from virtually any existing system.



GE Lighting Solutions – Filtr-Gard™
HZXTHGE



Holophane® Petrolux II, III
HZXTHP3



Thomas & Betts Hazlux®
HZXHTB



Appleton® Mercmaster III
HZXTHAP



Appleton® Mercmaster II
HZXTHM2



Killark® Certilite® & Certilite® V
HZXTHKL



Eaton's Crouse-Hinds – Champ®
HZXTHCH



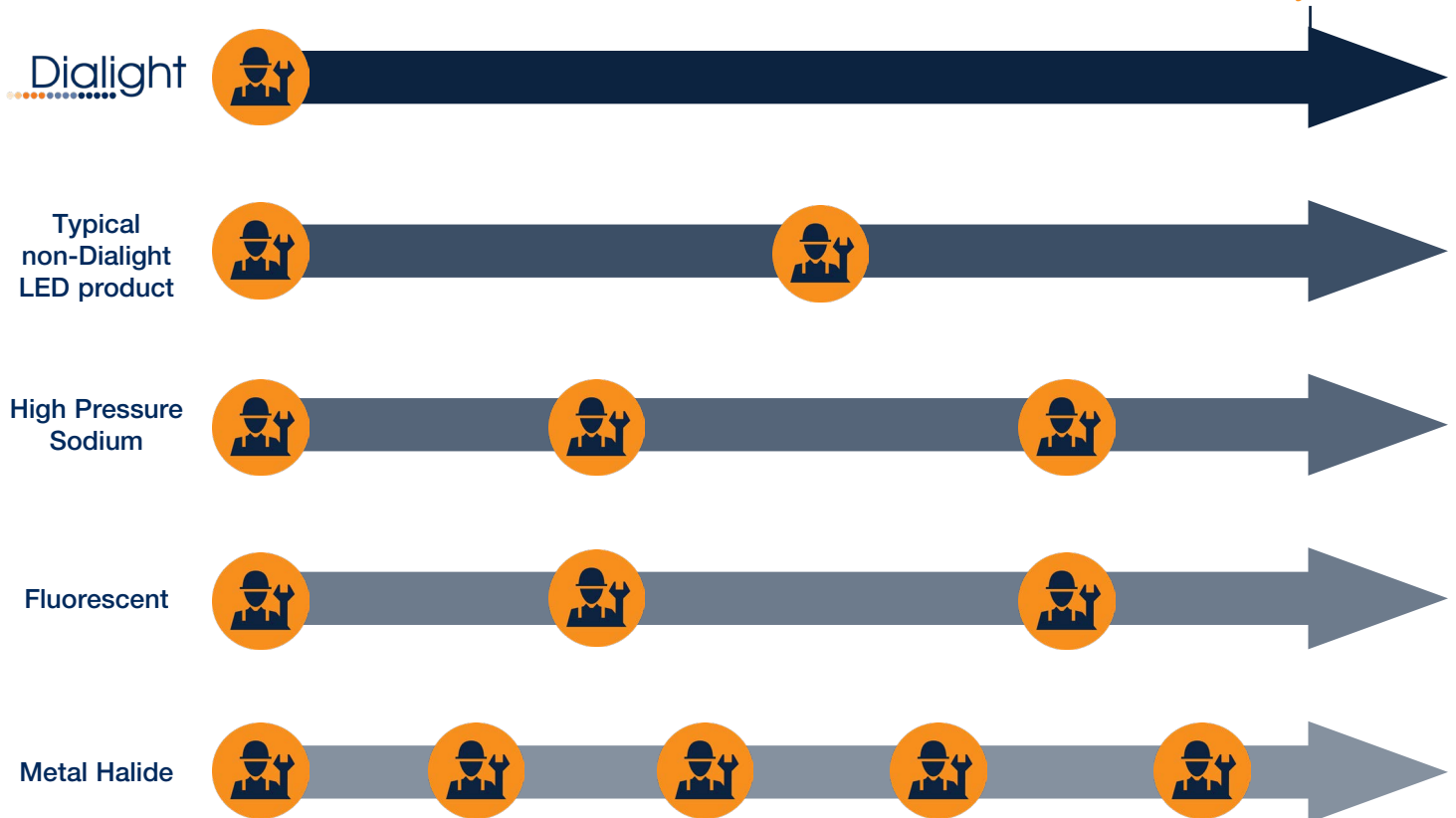
Certifications

Designed for durability in the widest range of applications and harshest conditions, the Dialight Area Light is certified to the broadest range of standards, including hazardous location, ingress and durability. **Certifications may vary by model/part number.**

- UL 1598/A
- CID1, CID2, CIID1, CIID2, CIII
- CSA C22.2 No.137-M81
- CE, ENEC, RCM
- ATEX/IECEX Zone 1, 21 and Zone 2, 21, 22
- IP66, IP67, IP69
- NEMA 4X
- ASTM B117 3,000 hr. salt-spray corrosion resistance
- DLC Premium classification
- INMETRO
- ABS
- DNV

Maintenance Comparison

10 years



North American HQ

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

Houston

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

Australia

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

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

Middle East

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

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

DISCLAIMER: 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. All values and performance data herein are design or typical values when measured under laboratory conditions. Whilst Dialight has used all reasonable endeavours to ensure the completeness and accuracy of information herein, this document does not form part of any contract with Dialight and 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. 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 authorised representative of Dialight, Dialight does not represent that its products are fit for a particular purpose and accepts no liability for the installation and/or unauthorised use of its products. When ordering please refer to www.dialight.com for current versions of: (a) relevant product documentation (including the most up to date product data sheets); (b) Dialight terms and conditions of sale; and, (c) Dialight warranty terms. All information provided is, to Dialight's knowledge, accurate at the date of publication, but is subject to change without notice and does not form part of any contract with Dialight. In the event of any discrepancy between this document and information provided on our website, the latter shall prevail.

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