

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.



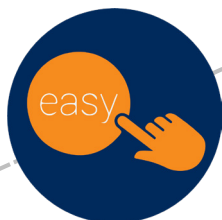
Sustainable

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 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**

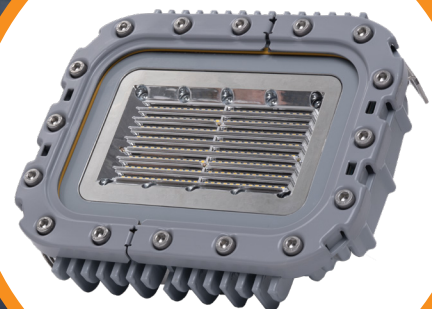
Vigilant Area Light

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

Featuring:

- 10 year warranty
- Up to 169 lm/W
- 120-277V AC, 50-60 Hz / 120-250V DC power supply
- 3,000 - 13,000 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
- Battery Backup options available

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



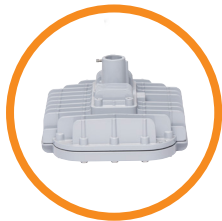
Specialty Voltage Lighting

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.

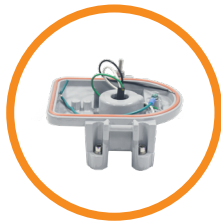
- Most flexible product offering of 24-48V DC and 347-480V AC models
- DC models for solar, wind, battery and generator-powered use
- Hazardous location certification for heavy industrial & hazardous environments
- Shock and vibration resistant & IP66/67 rated
- 5 year warranty

Mounting Options

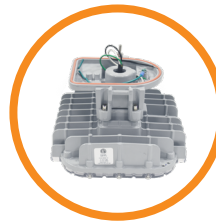
Universal Mounting Adapter



Area Light Base



HZXUMA



UMA Area Light

Our new Universal Mounting Adapter, now provides even greater flexibility by allowing you to modify stock you have on-hand to configure based on the needs of your customer without having to stock a lot of factory installed systems. All available in UL1598/A and UL844 Class I, Div. 2, Class II, and Class III certified options, as well as CSA and NOM certifications.

Area Lights with Universal Mounting Adapter & Brackets Sold Separately



UMA Area Light
ALx-xxxx-xxUx-xxN



Stanchion 45°
HZXS45



Wall 45°
HZXW45



Wall 0°
HZXW01



Ceiling
HZXFM



Stanchion 90°
HZXS90 / HZXT90



Swivelpole™
HZXMJ

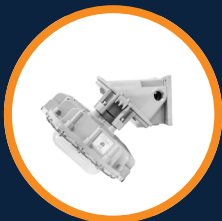


Stanchion 25°
HZXS25

Area Lights with Purchased Brackets Factory Installed



Stanchion 45°



Wall 45°



Wall 0°



Stanchion 25°



Ceiling



Stanchion 90°

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to www.dialight.com for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. 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 or information provided at www.dialight.com, the latter shall prevail.

Mounting Options

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.

Area Lights with Retro-fit Adapters



Killark® Certilite® & Certilite® V
HZXTHKL



Appleton® Mercmaster III
HZXTHAP



Crouse-Hinds Champ®
HZXTHCH



Holophane® Petrolux II, III
HZXTHP3



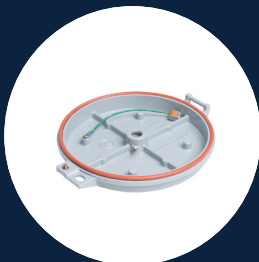
Appleton® Mercmaster II
HZXTHM2



Thomas & Betts Hazlux®
HZXHTB



GE Filtr-Gard™
HZXTHGE



GE Mini-Gard™
HZXTHMG



DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to www.dialight.com for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. 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 or information provided at www.dialight.com, the latter shall prevail.

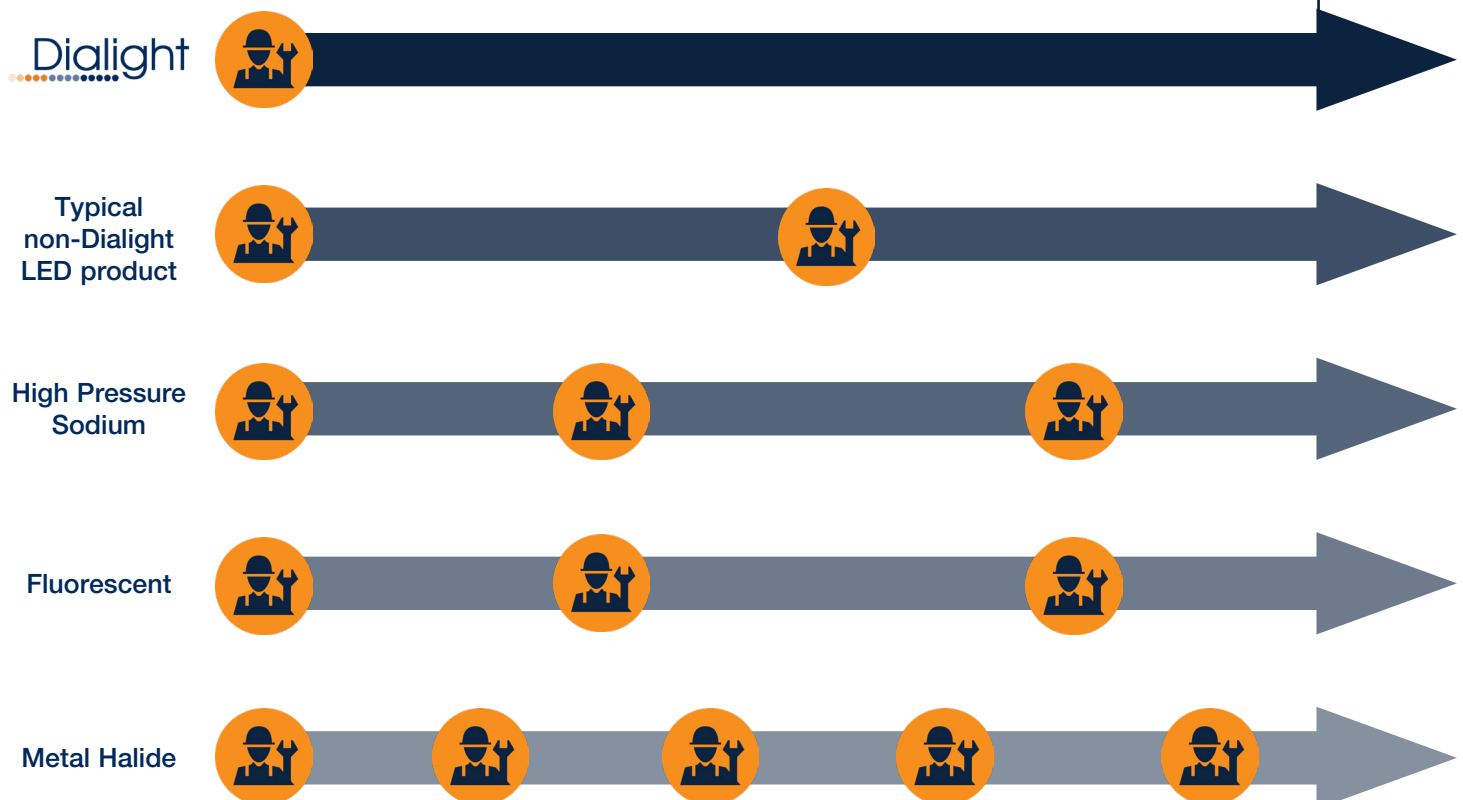
Certifications

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

EMEA

60 Petty France,
London, SW1H 9EU
Tel: +44 (0) 203 058 3540
sales-emea@dialight.com

Middle East

MF-24 Plot 125-0, Al Sayegh
Building – Commercial,
Port Saeed, Dubai,
United Arab Emirates
Tel: +971 4 409 6962
Fax: +971 4 409 6850
sales-emea@dialight.com

Australia

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

Southeast Asia

56 Kallang Pudding Road
#09 – 08 HH@Kallang
Singapore 349328
Tel: +65 6578 7271
Fax: +65 6578 7150
enquiry@dialight.com.sg

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