

### Important Information:

These instructions contain safety information; read and follow them carefully. Dialight will not accept any responsibility for injury, damage, or loss which may occur due to incorrect installation, operation, or maintenance.

## Operating Instructions



Languages

Page Number

English

1

**Note:** Save these instructions for future use

**WARNING: INSTALLATION & SECONDARY RETENTION.** The use of this product without proper installation and inspections, including secondary safety retention/securing, could cause severe injury or death. Dialight recommends that all installations should use secondary retention (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end customer to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is installed safely (with secondary retention where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under the relevant law, Dialight disclaims all responsibility for personal injury and/or other damage resulting from any dislodgement or other dislocation of this product.

**ADVERTENCIA: INSTALACIÓN Y SISTEMA SECUNDARIO DE SUJECCIÓN.** Usar este producto sin haberlo instalado e inspeccionado correctamente, lo que incluye usar sistemas secundarios de retención/sujección, podría ocasionar lesiones graves o la muerte. Dialight recomienda que en todas las instalaciones se utilice un sistema secundario de retención (apropiado para el lugar de la instalación), según corresponda. Será responsabilidad exclusiva del contratista, el instalador o el cliente final encargarse de lo siguiente: a) determinar si el producto es apto para el uso previsto; y b) asegurarse de que el producto se instale de manera segura (usando un sistema secundario de retención, si corresponde) y de conformidad con todas las leyes y disposiciones aplicables. En la máxima medida autorizada por la legislación pertinente, Dialight no será responsable por ninguna lesión personal u otros daños que se produzcan a raíz de cualquier caída o desplazamiento de este producto.

**AVISO: INSTALAÇÃO E RETENÇÃO SECUNDÁRIA.** O uso deste produto sem a instalação e inspeções adequadas, incluindo retenção/fixação secundária de segurança, pode provocar ferimentos sérios ou morte. A Dialight recomenda que todas as instalações utilizem retenção secundária (apropriada ao ambiente da instalação) sempre que aplicável. É responsabilidade exclusiva da empreiteira, instaladora e/ou do cliente final: (a) determinar a adequabilidade deste produto para a aplicação pretendida; e, (b) assegurar que o produto seja instalado de maneira segura (com retenção secundária, sempre que apropriado) e em conformidade com todas as leis e regulamentações aplicáveis. Dentro dos limites permitidos pela legislação pertinente, a Dialight se exime de toda responsabilidade por ferimentos pessoais e/ou outros danos resultantes do desalojamento ou de outro deslocamento deste produto.

**AVERTISSEMENT : INSTALLATION ET FIXATION SECONDAIRE;** L'utilisation de ce produit sans une installation et des inspections en bonne et due forme, notamment la sécurisation ou la fixation de sécurité secondaires, peut entraîner des blessures graves voire la mort. Dialight recommande que toutes les installations soient pourvues d'une fixation secondaire (adaptée à l'environnement de l'installation) dans la mesure du possible. Il va de la responsabilité exclusive de l'entrepreneur, de l'installateur ou du client final de : (a) déterminer si le produit est adapté à son usage prévu et (b) assurer que le produit est installé de manière sûre (avec une fixation secondaire dans la mesure du possible) et en conformité avec la loi et les normes en vigueur. Dans la mesure permise par la loi en vigueur, Dialight n'assumera aucune responsabilité en cas de blessure sur la personne ou autre dommage résultant du déboîtement ou de toute autre dislocation de ce produit.

**WARNUNG: INSTALLATION UND ZWEITE ABHÄNGUNG.** Die Verwendung dieses Produkts ohne ordnungsgemäße Installation und Inspektionen, einschließlich einer zweiten Abhängung, könnte zu schweren Verletzungen oder Tod führen. Dialight empfiehlt bei allen Installationen die Verwendung einer zweiten Abhängung (entsprechend der Installationsumgebung). Es ist die ausschließliche Verantwortlichkeit des Vertragsnehmers, Monteurs und/oder Endkunden: (a) die Eignung des Produkts für seinen vorgesehenen Nutzungszweck zu bestimmen und (b) sicherzustellen, dass das Produkt sicher (mit ggf. zweiter Abhängung) und gemäß allen geltenden Gesetzen und Vorschriften montiert wird. Soweit gemäß dem geltenden Gesetz erlaubt, schließt Dialight jegliche Haftung für Körperverletzung und/oder andere Schäden aufgrund einer Entfernung oder anderen Positionsänderung dieses Produkts aus.

### Safety Instruction:

The installation, operation, and maintenance must be carried out by an electrician suitably trained in hazardous areas with knowledge of increased safety explosion protection IEC 60079-14.

- Observe the national safety rules and regulations during installation.
- The technical data indicated on the LED luminaire is to be observed.
- Changes of the design and modifications to the LED luminaire are not permitted.
- Repairs must only be carried out by a qualified electrician with hazardous area knowledge.
- No user serviceable parts inside.
- No field replaceable parts.

### Introduction

The High Bay lights are designed for illumination of industrial locations and use the latest in solid state lighting technology for long life, low maintenance, and high efficiency.

The unique optical design focuses light downward to where it is needed, giving improved efficiency over a conventional HID luminaire.

### Conformity with Standards

This equipment conforms to the standards specified in the Declaration of Conformity.  
ATEX Directive 2014/34/EU: Equipment and protective systems intended for use in potentially explosive atmospheres.  
EMC Directive 2014/30/EU: For electromagnetic compatibility.

### Equipment Application

This lighting equipment is intended for use in a potentially explosive atmosphere in Zones 1, 21 and 2, 22 to the requirements of ATEX Directive 2014/34/EU. The product can be used indoors or outdoors to illuminate areas with a potentially explosive atmosphere.

### General Mounting Information

For maximum long term reliability and light output, the light must be installed in free air. The High Bay luminaire design incorporates an over-temperature control circuit that reduces input power should internal temperatures reach a maximum level. As a result, light output may be temporarily reduced at higher ambient temperatures.

Recommended mounting height: 6-12m [20-40ft]

### Mounting Information:

#### Swivel Bracket/Stirrup Bracket

The 'Stirrup Bracket' is fixed into place using 2 bolts and the threaded holes on the side of the luminaire. When secured into the desired position the 2 bolts should be tightened to 8.0-10.0 N-m [6-8 ft-lb].

#### Locking Bracket

The locking bracket is fixed into place using a bracket subassembly, 2 bolts for positioning, and 2 bolts for pivot and attachment.

Ensure bracket subassembly bolts and nuts (4x) are tight before adjusting main bracket position. **Do not loosen bracket subassembly bolts.**

Remove M6 bolts (2x) and loosen M8 bolts (2x). Move main bracket to desired position and lock into place by reinstalling M6 screws (2x). Tighten M8 bolts to 14.0-16.0 Nm [11-12 ft-lb]. Tighten M6 bolts to 8.0-10.0 Nm [6-7 ft-lb].

### Electrical Installation of Luminaire

Ensure that the mains voltage supply is disconnected before connecting the luminaire. Install the equipment in accordance with the manufacturer's instructions as well as any other applicable electrical codes.

Always transport and store the equipment in its original packaging and keep in a dry location. When unpacking check for any cracks or damage in the housing, glass, and glass frame. If in doubt, do not install.

When units are fitted with a power cable, do not shorten cable to less than 3 meters.

**Note:** Electrical installation of the extension should be carried out by a qualified electrician.

For connecting the coloured fitted power cable conductors is as follows:

- Black or Brown wire connects to Live.
- White or Blue wire connects to Neutral.
- Green or Green/Yellow wire connects to Safety Ground (Earth).
- Red or Violet wire connects to DIM + (positive)
- Orange or Grey wire connects to DIM - (negative)

For connecting the numbered fitted power cable conductors is as follows:

- Wire 1 connects to Live.
- Wire 2 connects to Neutral.
- Wire 3 connects to Safety Ground (Earth).
- Wire 4 connects to DIM + (positive)
- Wire 5 connects to DIM - (negative)

-If Dimming is not being used: appropriate measures should be taken to prevent dimming conductors from making accidental contact with metal surfaces, each other, or other conductors.

**WARNING:** Do not remove or tamper with the certified cable gland. The Ex 'd' rated gland has been supplied and installed to the luminaire in accordance with the manufacturer's instructions. Tampering with this cable gland may compromise the IP66 rating and result in flame propagation into the atmosphere.

### Electrical Installation of Junction Box

The cable glands used with the junction box on the luminaire must be certified to Ex eb IIB Gb / Ex tb IIIC Db or to Ex eb IIC Gb / Ex tb IIIC Db. The cable used must be suitable for the site application and/or the site requirements.

Blanking elements, when used, must be certified to Ex eb IIB Gb / Ex tb IIIC Db or to Ex eb IIC Gb / Ex tb IIIC Db.

When assembling the cable entries for the mains connection, always observe the manufacturer's specifications for the glands used. Unused cable entries must be closed and sealed by a certified blanking plug. The cable entries should be securely tightened to ensure that the minimum protection rating is achieved. The cable entry should be rated to minimum of IP66 to maintain the protection level of the luminaire.

### Conditions for Certification:

1. Except for the wiring compartment on junction box models, the unit is a factory sealed product. Do not attempt to open; return to the manufacturer for service or repair.
2. The equipment shall be installed such that the supply cable is protected from mechanical damage. The cable shall not be subjected to tension or torque. If the cable is to be terminated within an explosive atmosphere then the free end shall be terminated in a suitably certified termination facility
3. External fasteners used for securing flameproof joints shall have a minimum property class of A2-70.
4. The repair of flamepaths are not intended. If flamepaths are damaged, do not put unit into service.
5. This equipment has flamepaths which differ from those in EN/IEC 60079-1 and are not intended for repair.
6. When the fixed installation equipment is coated with a paint finish and marked for use in IIIC atmospheres, the enclosure is non-conducting and may generate an ignition capable level of electrostatic charge under certain extreme conditions. The user should ensure that the equipment is not installed in a location where it might be subjected to external conditions that might cause a build-up of electrostatic charges on non-conducting surfaces. Additionally, cleaning of the equipment shall be done only with a damp cloth.
7. When the fixed installation equipment is supplied with a film cover on the glass lens and marked for use in IIB or IIIC atmospheres, the enclosure is non-conducting and may generate an ignition capable level of electrostatic charge under certain extreme conditions. The user should ensure that the equipment is not installed in a location where it might be subjected to external conditions that might cause a build-up of electrostatic charges on non-conducting surfaces. Additionally, cleaning of the equipment shall be done only with a damp cloth.
8. When the equipment is supplied with an optional anti-static coated sand blast shield and marked for use in IIB atmospheres, the user must follow the manufacturer's instruction with respect to the bonding connection and anti-static coating durability.
9. The manufacturer shall not mark the equipment for IIIC atmospheres when supplied for portable applications.



**NOTE:** This fixture is supplied with one dust cap and two certified blanking plugs.

**NOTE:** Do not over tighten the cable glands as the protection rating may be compromised. Refer to gland manufacturer's data for torque settings.

**NOTE:** For all terminal block types: Only one cable to be used on each terminal entry point

The push terminal block (WAGO 862 series)\* is suitable for multi-stranded and single core cables up to a maximum of 4mm<sup>2</sup>, strip length 10.5mm. Push down at the 'cross point', insert correct cable and release, ensuring the cable has been securely retained.

The spring terminal block (WAGO 2004 series)\* is suitable for multi-stranded and single core cables up to a maximum of 6mm<sup>2</sup>, strip length 12mm. Push appropriately sized screwdriver into rectangular opening adjacent to circular wire entrance. Insert prepared wire into circular wire entrance. Remove screwdriver from terminal block, ensuring the cable has been securely retained.

\*\*The screw terminal block (Weidmüller MK series)\* is suitable for multi-stranded and single core cables up to a maximum of 6mm<sup>2</sup>, and multi-stranded cables up to a maximum of 4mm<sup>2</sup>, strip length 9mm. Unscrew retaining tab, insert wire and tighten the screw to 1.2-2 Nm, ensuring the cable has been securely retained.

\* All product names, logos, and brands are property of their respective owners. All company, product and service names used in this document are for identification purposes only. Use of these names, logos, and brands does not imply endorsement.

\*\*Special Conditions for Safe Use of Terminal Blocks

Screw Terminal Block (Weidmüller MK series)\*:

1. Not more than one single or multiple strand lead shall be connected into either side of any terminal, unless multiple conductors have been joined in a suitable manner, e.g. two conductors into a single insulated crimped boot lace ferrule.
2. Leads connected to the terminals shall be insulated for the appropriate voltage and this insulation shall extend to within 1 mm of the metal of the terminal throat.
3. All terminal screws, used and unused, shall be tightened down to between 1.2 Nm and 2 Nm.
4. The terminals shall never be exposed to temperatures outside of the range -50°C to +130°C; in addition, they shall only be installed and wired with cable in an ambient temperature of -10°C to +80°C.

### Loop Through Electrical Connections (for push terminal block only)

Connect incoming cable as above then connect the outgoing cable to the associated adjoining connection to pass to the next luminaire.

Torque junction box cover screws to 3.1 Nm [27 in-lb].

Any improper installation, operation, or maintenance of these luminaires may result in the invalidation of the warranty.

### Taking into Operation

Prior to operating, check the luminaire for its correct installation in compliance with these operating instructions and other applicable regulations.

**NOTE:** Only certified equipment may be put into operation.

### Chemical Compatibility Guide

The chemical compatibility data referenced in this manual was supplied by the raw material manufacturers and is intended as a general guide. The data represents the basic material properties and does not necessarily represent the performance of the final product due to manufacturing process and design variations for each final product. Chemical compatibility is highly dependent on concentration, temperature, humidity, and other environmental conditions and therefore the customer assumes responsibility for evaluation of gaseous or direct contact chemical compatibility at their site prior to product installation.

[www.dialight.com/pubs/MDTFCHEMRFLX001.pdf](http://www.dialight.com/pubs/MDTFCHEMRFLX001.pdf)

### Conditions for Use

When used with steel wired armour or braided cable the basket weave armour or braid is unable to carry the cable load without fracture. The cable must therefore be clamped and cleated to prevent pulling on the cable being transmitted to the cable terminations.

Luminaires supplied with the fitted 3 metre cable must be protected from direct or vibrational impact to prevent damage to the sheathing when operated in ambient temperatures below -30°C.

Improper installation or operation of this luminaire may invalidate the warranty. For maximum long term reliability and light output, the luminaire must be installed in free air. The High Bay luminaire design incorporates an over-temperature control circuit that reduces power to the LEDs should internal temperatures reach a maximum level. In this event light output may be reduced.

The length of the conductors between the cord anchorage and the terminals shall be such that should the cable or cord move out of the cord anchorage, the current-carrying conductors become taut before the earthing conductor

### Maintenance

To avoid personal injury, disconnect power to the light and allow the unit to cool down before performing maintenance.

### WARNING:

This LED Luminaire should not require any electrical maintenance. Never open the luminaire (other than the junction box lid if supplied); there are no user-serviceable parts inside.

### Inspection

Within the scope of a maintenance or inspection routine the following should be included: protective hoses covering the connection cables. Cable entries must be free of corrosion. Perform visual mechanical and electrical inspections on a regular basis. We recommend routine checks to be made on a yearly basis. Frequency of use and environment should determine this. It is recommended to follow an Electrical Preventive Maintenance Program as described in NFPA 70B: Recommended Practice for Electrical Equipment

The lens should be cleaned periodically, as needed, to ensure continued photometric performance.

Clean the lens with a damp, non-abrasive, and lint-free cloth. If not sufficient, use mild soap or a liquid cleaner. Do not use and abrasive, strong alkaline, or acid cleaners, as damage may occur.

Inspect the cooling fins on the luminaire to ensure that they are free of any obstructions or contamination (i.e. excessive dust build-up). Clean with a non-abrasive, damp cloth, if needed.

If equipment is supplied with anti-static coated sand blast shield, an inspection of the coating prior to sand blast operations is recommended. Coating should not show signs of degradation; discoloring, flaking, abrasion. If degradation is observed, replace the shield. The screws on the shield must be torqued to 13.5 N-m [10 ft-lb] to ensure adequate bonding. To confirm bonding, measure resistance between equipment ground (junction box cover screws or metal portions of the cable gland) and the screws affixing the plastic lens to the shield.

The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.

### Repairs / Overhaul / Modification

The relevant national regulations which apply to the maintenance / servicing of electrical apparatus in explosive atmospheres shall be observed.

Should the luminaire enclosure be damaged, only a replacement will be permitted. In case of doubt, the equipment should be returned to point of purchase for inspection/repair/replacement.

### Disposal Recycling

When the apparatus is disposed of, the respective national regulations on waste disposal should be observed. WEEE (Waste electrical & electronic equipment) registration number WEE/DC2678RY.

Electrical Parameters (LED Module Only)			
Model No	Max Tc (F1)	Supply Current Rating (nom)	Working Voltage (nom)
*****2E*****	140°C	0.035A	51V
*****2C*****	140°C	0.035A	51V
*****2B*****	140°C	0.033A	51V
*****2A*****	140°C	0.034A	51V

The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.

For models without a factory installed junction box: Terminal block not included. Installation may require advice from a qualified person.



### Technical Data

#### Rated

**Input Voltage:** 100-277VAC 50/60Hz  
120-250 VDC

#### Supply Current: (Nominal @ 230VAC)

\*\*\*\*\*E\*\*\*\*\* 0.7A  
\*\*\*\*\*C\*\*\*\*\* 0.5A  
\*\*\*\*\*B\*\*\*\*\* 0.3A  
\*\*\*\*\*A\*\*\*\*\* 0.2A

#### Power consumption

\*\*\*\*\*E\*\*\*\*\* 150W Nom / 186W Max  
\*\*\*\*\*C\*\*\*\*\* 115W Nom / 129W Max  
\*\*\*\*\*B\*\*\*\*\* 80W Nom / 102W Max  
\*\*\*\*\*A\*\*\*\*\* 60W Nom / 81W Max

#### Operating

**Ambient Temp:** -40°C to +60°C

#### Power factor

**ATHD** >0.9  
<20% @ 230/240 VAC

#### Weight:

HE Series:  
11.4 Kg (25 lbs)  
HW/FS Series:  
15.1 Kg (33.3 lbs)

### Technical Data: HEA/HWA/FSA Series

#### Fixed Cable Version :

Ex db op is IIB T5 Gb  
Ex tb op is IIIC T100°C Db  
IP66  
II 2GD

#### Junction Box Version :

Ex db eb op is IIB T5 Gb  
Ex tb op is IIIC T100°C Db  
IP66  
II 2GD

#### IECEX / ATEX:

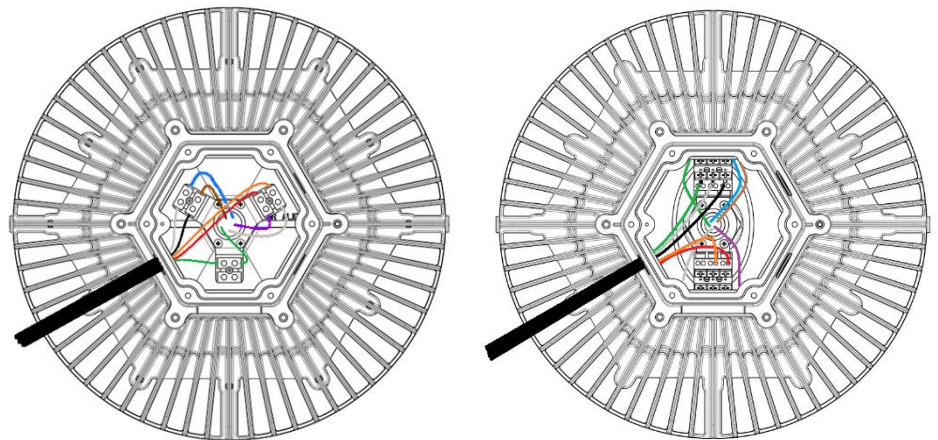
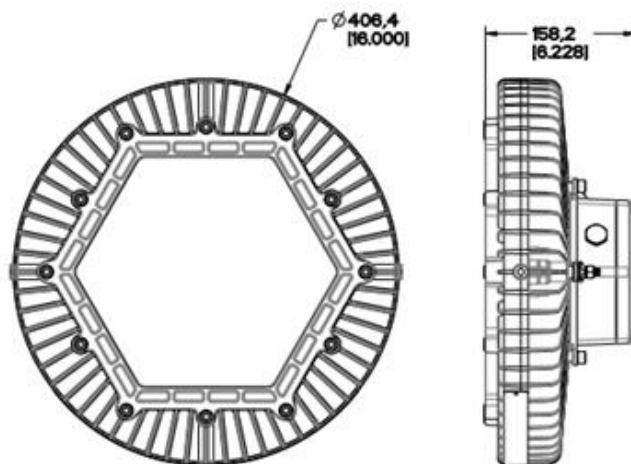
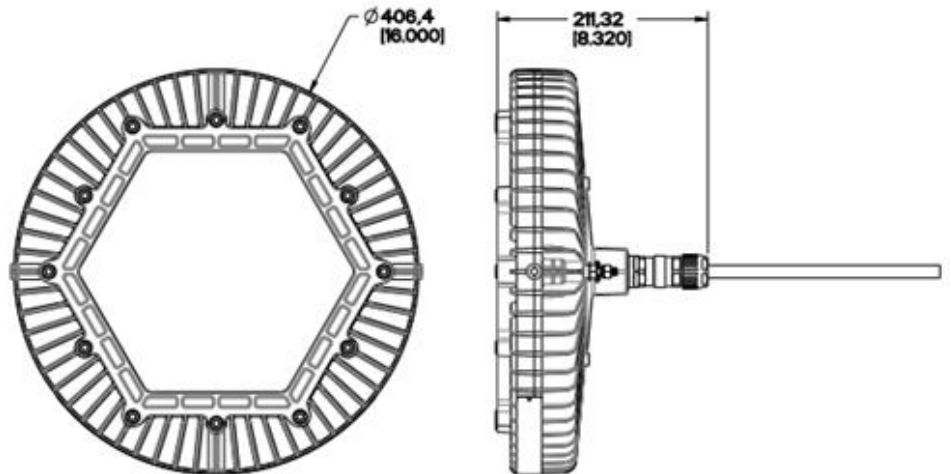
IECEX SIR 18.0001X  
Sira 18ATEX1001X

#### Cable Entries:

HEA Series:  
Fixed 3 metre cable

HWA/FSA Series  
For \*\*\*\*\*M\*\*only  
M20x1.5  
For all other part  
numbers  
M25x1.5

### Technical Diagrams



### Official Statement

All statements, technical information, and recommendations contained herein are based on information and tests that Dialight believes to be reliable. The accuracy or completeness thereof is not guaranteed. In accordance with Dialight "Terms and Conditions of Sale" and since conditions of use are outside our control, the purchaser should determine the suitability of the product for his or her intended use and assumes all risk and liability whatsoever in connection therewith.



Year CE Mark Affixed: **18**

## EU DECLARATION OF CONFORMITY

**Manufacturer:** Dialight Corporation  
1501 Route 34 South, Farmingdale, NJ 07727 USA  
+1 (732) 919 3119

**Equipment:** SafeSite LED High Bay Luminaire

**Model Series:** HE\*\*\*\*2\*\*\*\*\*N, HW\*\*\*\*2\*\*\*\*\*N, FS\*\*\*\*2\*\*\*\*\*N

Directives:	Standards:
Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Directive 2014/34/EU	EN IEC 60079-0:2018 EN 60079-1:2014 EN 60079-7:2015 EN 60079-28:2015 EN 60079-31:2014
Low Voltage Directive 2014/35/EU	EN 60598-1:2014 EN 60598-2-1:1989 EN 60598-2-24:2013
Electromagnetic Compatibility Directive 2014/30/EU	EN 55015:2013 +A1:2015 EN 61000-3-2:2006+A2:2014 EN IEC 61347:2014/AMD1:2016 EN 61000-3-3:2013
Restriction of the Use of Certain Hazardous Substances (RoHS) Directive 2011/65/EU	EN 50581:2012

**Equipment Marking** is based on type examination via SIRA, File 18ATEX1001X

Standard model  
 II 2GD  
 Ex db op is IIB T5 Gb  
 Ex tb op is IIIC T100°C Db  
 Ta= -40°C to +60°C

Integrated junction box & floodlight models  
 II 2GD  
 Ex db eb op is IIB T5 Gb  
 Ex tb op is IIIC T100°C Db  
 Ta= -40°C to +60°C

**Quality Assurance Notification:** SIRA 13 ATEX M587 (2813)

**Quality Management System Accreditation to ISO 9001:** UL DQS file 10002116 QM15

We declare that our products to which this declaration relates are in conformity with the listed directives per the provisions of the aforementioned standards.

x Date: 25-OCT-2019  
 Rizwan Ahmad, VP Engineering & Technology – Power & Connectivity  
 1501 Route 34 South, Farmingdale, NJ 07727 USA

Authorized contact: Dialight Corporation  
Compliance Department  
1501 Route 34 South, Farmingdale, NJ 07727 USA  
+1 (732) 919 3119

9100150001000 REV B





Jahr der CE-Kennzeichnung: **18**

## EG-KONFORMITÄTSERKLÄRUNG


**Hersteller:** Dialight Corporation  
1501 Route 34 South, Farmingdale, NJ 07727 USA  
+1 (732) 919 3119


**Produkt:** SafeSite LED High Bay Luminaire

**Modellreihen:** HE\*\*\*\*2\*\*\*\*\*N, HW\*\*\*\*2\*\*\*\*\*N, FS\*\*\*\*2\*\*\*\*\*N

Richtlinien:	Normen:
Geräte und Schutzsysteme zur bestimmungsgemäßen Verwendung in explosionsgefährdeten Bereichen Richtlinie 2014/34/EU	EN IEC 60079-0:2018 EN 60079-1:2014 EN 60079-7:2015 EN 60079-28:2015 EN 60079-31:2014
Niederspannungsrichtlinie 2014/35/EU	EN 60598-1:2014 EN 60598-2-1:1989 EN 60598-2-24:2013
Richtlinie über die elektromagnetische Verträglichkeit 2014/30/EU	EN 55015:2013 +A1:2015 EN 61000-3-2:2006+A2:2014 EN IEC 61347:2014/AMD1:2016 EN 61000-3-3:2013
Richtlinie zur Beschränkung der Verwendung bestimmter gefährlicher Stoffe (RoHS) 2011/65/EU	EN50581:2012

Die **Geräte**kennzeichnung basiert auf der Baumusterprüfung per SIRA, Datei 18ATEX1001X

Standardmodell  
 2 G Ex e mb IIC T4 Gb  
 2 D Ex tb IIIC T135°C Db IP66/67  
 Ta= -20°C to +60°C

Integrierte Anschlusskasten- & Flutlichtmodelle  
 II 2GD  
 Ex db eb op is IIB T5 Gb  
 Ex tb op is IIIC T100°C Db  
 Ta= -40°C to +60°C

**Mitteilung zur Qualitätssicherung:** SiRA 13 ATEX M587 (2813)

**Akkreditierung eines Qualitätsmanagementsystems nach ISO 9001:** UL DQS Datei 10002116 QM15

Hiermit erklären wir, dass unsere Produkte, auf die sich diese Erklärung bezieht, den aufgeführten Richtlinien im Einklang mit den oben genannten Bestimmungen entsprechen.

X  Datum: 25-OCT-2019  
 Rizwan Ahmad, VP Engineering & Technology – Power & Connectivity  
 1501 Route 34 South, Farmingdale, NJ 07727 USA

Autorisierter Kontakt Dialight Corporation  
 Compliance Department  
 1501 Route 34 South, Farmingdale, NJ 07727 USA  
 +1 (732) 919 3119

9100150001000 REV B





Année du marquage CE:

18

## DÉCLARATION DE CONFORMITÉ CE

**Fabricant:** Dialight Corporation  
1501 Route 34 South, Farmingdale, NJ 07727 USA  
+1 (732) 919 3119

**Équipement:** SafeSite LED High Bay Luminaire

**Série de modèles:** HE\*\*\*\*2\*\*\*\*\*N, HW\*\*\*\*2\*\*\*\*\*N, FS\*\*\*\*2\*\*\*\*\*N

Directives:	Normes:
Directive 2014/34/UE appareils et les systèmes de protection destinés à être utilisés en atmosphères explosibles	EN IEC 60079-0:2018 EN 60079-1:2014 EN 60079-7:2015 EN 60079-28:2015 EN 60079-31:2014
Directive sur les limites de tension 2014/35/EU	EN 60598-1:2014 EN 60598-2-1:1989 EN 60598-2-24:2013
Directive sur la comptabilité électromagnétique 2014/30/EU	EN 55015:2013 +A1:2015 EN 61000-3-2:2006+A2:2014 EN IEC 61347:2014/AMD1:2016 EN 61000-3-3:2013
Directive sur la limitation de l'utilisation de certaines substances dangereuses 2011/65/EU	EN50581:2012

**Marquage de l'équipement** basé sur examen de type via SIRA, dossier 18ATEX1001X

Modèle standard

Boîte de jonction intégrée et modèles de projecteurs



2 G Ex e mb IIC T4 Gb  
2 D Ex tb IIIC T135°C Db IP66/67  
Ta= -20°C to +60°C



II 2GD  
Ex db eb op is IIB T5 Gb  
Ex tb op is IIIC T100°C Db  
Ta= -40°C to +60°C

**Notification Assurance Qualité:** SIRA 13 ATEX M587 (2813)

**Accréditation du système de gestion de la qualité selon ISO 9001:** Fichier UL DQS 10002116 QM15

Nous déclarons que nos produits, sur lesquels porte cette déclaration, sont conformes aux directives énumérées en vertu des dispositions des normes susmentionnées.

X  Date: 25-OCT-2019  
Rizwan Ahmad, VP Engineering & Technology – Power & Connectivity  
1501 Route 34 South, Farmingdale, NJ 07727 USA

**Contact autorisé:** Dialight Corporation  
Compliance Department  
1501 Route 34 South, Farmingdale, NJ 07727 USA  
+1 (732) 919 3119

9100150001000 REV B







Año en que se colocó la marca CE:

18

## DECLARACIÓN DE CONFORMIDAD CON LA NORMATIVA DE LA UE

**Fabricante:** Dialight Corporation  
1501 Route 34 South, Farmingdale, NJ 07727 USA  
+1 (732) 919 3119

**Equipo:** SafeSite LED High Bay Luminaire

**Serie de modelos:** HE\*\*\*\*2\*\*\*\*\*N, HW\*\*\*\*2\*\*\*\*\*N, FS\*\*\*\*2\*\*\*\*\*N

Directivas:	Estándares:
Directiva 2014/34/UE materia de aparatos y sistemas de protección para uso en atmósferas potencialmente explosivas	EN IEC 60079-0:2018 EN 60079-1:2014 EN 60079-7:2015 EN 60079-28:2015 EN 60079-31:2014
Directiva sobre baja tensión 2014/35/UE	EN 60598-1:2014 EN 60598-2-1:1989 EN 60598-2-24:2013
Directiva 2014/30/UE sobre compatibilidad electromagnética	EN 55015:2013 +A1:2015 EN 61000-3-2:2006+A2:2014 EN IEC 61347:2014/AMD1:2016 EN 61000-3-3:2013
Directiva 2011/65/UE sobre restricción del uso de ciertas de sustancias peligrosas (RoHS)	EN50581:2012

El **mercado de equipos** se basa en el examen de tipo a través de SIRA, archivo 18ATEX1001X

Modelo estándar

Modelos integrados de caja de conexiones y proyectores



2 G Ex e mb IIC T4 Gb  
2 D Ex tb IIIC T135°C Db IP66/67  
Ta= -20°C to +60°C



II 2GD  
Ex db eb op is IIB T5 Gb  
Ex tb op is IIIC T100°C Db  
Ta= -40°C to +60°C

**Notificación de garantía de calidad:** SIRA 13 ATEX M587 (2813)

**Acreditación del Sistema de Gestión de la Calidad según ISO 9001:** UL DQS archivo 10002116 QM15

Declaramos que nuestros productos a los que se refiere esta declaración cumplen con las directivas enumeradas, según las disposiciones de los estándares mencionados.

X  Fecha: 25-OCT-2019  
Rizwan Ahmad, VP Engineering & Technology – Power & Connectivity  
1501 Route 34 South, Farmingdale, NJ 07727 USA

Contacto autorizado Dialight Corporation  
Compliance Department  
1501 Route 34 South, Farmingdale, NJ 07727 USA  
+1 (732) 919 3119

9100150001000 REV B





Marca Anual CE Afixada: **18**

## DECLARAÇÃO DE CONFORMIDADE DA UE

**Fabricante:** Dialight Corporation  
1501 Route 34 South, Farmingdale, NJ 07727 USA  
+1 (732) 919 3119

**Equipamento:** SafeSite LED High Bay Luminaire

**Série do modelo:** HE\*\*\*\*2\*\*\*\*\*N, HW\*\*\*\*2\*\*\*\*\*N, FS\*\*\*\*2\*\*\*\*\*N

Diretivas:	Normas:
Diretiva 2014/34/UE aparelhos e sistemas de proteção destinados a ser utilizados em atmosferas potencialmente explosivas	EN IEC 60079-0:2018 EN 60079-1:2014 EN 60079-7:2015 EN 60079-28:2015 EN 60079-31:2014
Diretiva de Baixa Tensão 2014/35/UE	EN 60598-1:2014 EN 60598-2-1:1989 EN 60598-2-24:2013
Diretiva de Compatibilidade Eletromagnética 2014/30/UE	EN 55015:2013 +A1:2015 EN 61000-3-2:2006+A2:2014 EN IEC 61347:2014/AMD1:2016 EN 61000-3-3:2013
Restrição da Diretiva de Uso de Determinadas Substâncias Perigosas (RoHS) 2011/65/UE	EN50581:2012

A marcação do equipamento é baseada no exame de tipo via SIRA, arquivo 18ATEX1001X

Modelo padrão



2 G Ex e mb IIC T4 Gb  
2 D Ex tb IIIC T135°C Db IP66/67  
Ta= -20°C to +60°C

Modelos integrados de caixa de junção e holofotes



II 2GD  
Ex db eb op is IIB T5 Gb  
Ex tb op is IIIC T100°C Db  
Ta= -40°C to +60°C

**Notificação de garantia de qualidade:** SIRA 13 ATEX M587 (2813)

**Credenciamento do Sistema de Gestão da Qualidade para ISO 9001:** Arquivo UL DQS 10002116 QM15

Declaramos que nossos produtos aos quais esta declaração se refere estão em conformidade com as diretrizes listadas, de acordo com as disposições das normas mencionados acima.

x Rizwan Ahmad Data: 25-OCT-2019  
Rizwan Ahmad, VP Engineering & Technology – Power & Connectivity  
1501 Route 34 South, Farmingdale, NJ 07727 USA

Contato autorizado: Dialight Corporation  
Compliance Department  
1501 Route 34 South, Farmingdale, NJ 07727 USA  
+1 (732) 919 3119

9100150001000 REV B

