

LED

# HAZlite™

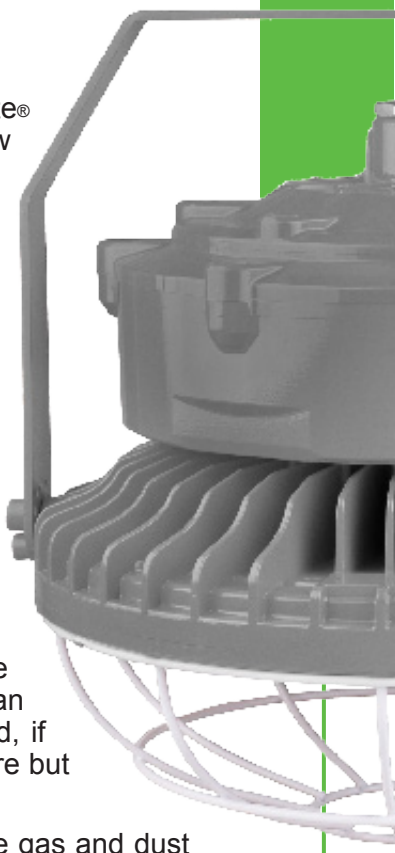
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We light your world™

10.29.2026





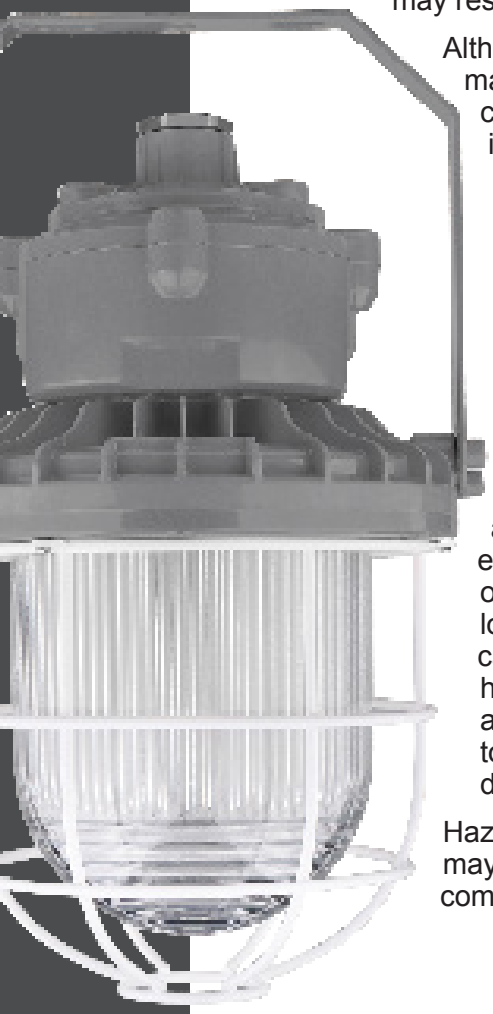


Safety and reliability have been the cornerstone of our business. Americanlite® is dedicated to meeting customer needs, with engineering solutions, new product development and on-time delivery in every phase of the project. This commitment underpins our proven ability to supply lower cost total system solutions and savings over the entire lifetime of a project.

Americanlite® Hazlite™ fixtures are a family of fixtures suitable for use in a wide range of indoor and outdoor Class I Division 2 applications. UL, cUL and CE certified for use in hazardous locations, providing a single solution for applications around the world. Americanlite® Hazlite™ fixtures are designed to withstand the harshest conditions and operate across your facilities without incidents.

Americanlite® Hazlite™ fixtures are ideal for indoor and outdoor general area lighting in oil & gas refineries, drilling rigs, petrochemical plants, food and beverage facilities, and other industrial applications where flammable gases, vapors, dusts, fibers or flyings are present.

Simply because hazardous location materials are present does not mean that the conditions necessary for an explosion to occur also exist. With explosive materials several other factors must occur simultaneously to result in an explosion. Larger dust particles are often referred to as fibres or flyings and, if sufficient material is present, elevated temperatures may not cause a fire but may result in a flash fire.



Although there is the risk of an explosion with both Explosive gas and dust materials, the factors required for that to occur are somewhat different. In both cases the material needs to mix with air (to provide the oxygen required), be in specific fuel to air concentrations (flammable limits) and then encounter an ignition source with sufficient energy to start an explosion.

In reality, flammable gases and vapors and combustible dusts exist almost everywhere. Fortunately, they are usually present in quantities far less than what is required for a fire or explosion hazard to occur. Therefore, the fact that flammable gases, vapors, or combustible dust may be present of a does not define a hazardous location; materials must be present in sufficient quantities or concentrations that pose a risk that an explosion could occur.

Electrical equipment must be designed and manufactured in such a way that it cannot become a source of ignition when used in an explosive gas atmosphere. The code addresses this by permitting only certain types of equipment to be installed in hazardous locations (either “explosionproof” or “intrinsically safe”). Equipment that is approved for Class I, Division 1, locations has to be specifically manufactured for the intended use and must carry markings to identify that. In Class I, Division 2 locations, certain “non-hazardous” types of equipment, such as terminals and non-sparking motors, are permitted. Equipment specifically built for Class I locations will be marked to indicate where the equipment can be installed. This is discussed in greater detail below.

Hazardous locations are those locations where the risk of a fire or explosion may exist due to the presence of flammable gases or vapors, flammable liquids, combustible dust, or ignitable fibers or flyings.





In the Division System, Hazardous (Classified) Locations are divided into three Classes based on the explosive characteristics of the material. The Classes of material are further divided into “Divisions” or “Zones” based on the probability that the material will be present in sufficient quantities for an explosion could occur. The Zone system has three levels of hazard whereas the Division system has two levels.

Class I, Division 1Class I, Division 1 locations are defined as those in which hazardous concentrations of flammable gases or vapors exist continuously, intermittently, or periodically under normal operating conditions. This is a very broad definition since there is no times associated with intermittently or periodically which are open to many interpretations. Division 1 also includes area that may exist frequently because of repair or maintenance operation or because of leakage and locations where breakdown or faulty operation of electrical equipment or processes might release ignitable concentrations of flammable gases or vapors, and may also cause simultaneous failure of electrical equipment. An example of such a location might be an area where a flammable liquid is stored under cryogenic conditions. A leak of the extremely low temperature liquid directly onto electrical equipment could cause failure of the electrical equipment at the same time the vapors of the evaporating liquid could be within the flammable range.

Class I Division 2 areas are defined in the code as; “areas where flammable volatile liquids, flammable gases, or vapors are, processed, handled or used, but in which the liquids, gases, or are normally confined within closed containers or closed systems from which they can escape only as a result of accidental rupture or breakdown of the containers or systems or the abnormal operation of the equipment”. Or, where hazardous concentrations of gases or vapors are normally prevented by positive mechanical ventilation, but which may become hazardous as the result of failure or abnormal operation of the ventilating equipment.”

The table below provides a comparison between the “Class/Division” System and the “Zone” System

| EXPLOSIVE ATMOSPHERE | DIVISION SYSTEM | ZONE SYSTEM |
|---|---|---|
| Gases and Vapors* | Class I | Explosive Gas Atmospheres, Zones 0, 1 and 2 |
| Combustible Dusts | Class II | Explosive Dust Atmospheres Zones 20, 21 and 22 |
| Easily Ignited Fiber & Flyings | Class III | |

* The United States and Canada have incorporated the Zone System of Area Classification for all explosive atmospheres into their Electrical Codes

Division 2 locations also exist around Division 1 locations where there is no barrier or partition to separate the Division 1 space from a non- hazardous location, or where ventilation failure (an abnormal condition) might extend the area where flammable material is present under normal conditions.

CLASS I LOCATIONS

DIVISION SYSTEM GAS GROUPS A, B, C, & D

**Group A** -The highest explosion pressures of the materials grouped are generated by acetylene, the only material in Group A. Thus, explosion proof equipment designed for Group A must be very strong to withstand the explosion anticipated, and must have a very small gap between joint surfaces. Explosion proof equipment for Group A is the most difficult to design and there is less explosion proof equipment listed for this group than for any other group.

**Group B** - Group B materials produce explosion pressures somewhat less than acetylene, and the design of explosion proof enclosures for this group is somewhat less rigorous than for Group A enclosures. However, because of the very high explosion pressures in both Groups A and B, and, in particular, the very small gap between mating surfaces needed to prevent propagation of an explosion, there are no explosion proof motors listed for use in either Group A or B locations.

**Group C** - The chemical materials in Group C fall within the range between Groups B and D in both the explosion pressures generated and the gap between mating surfaces of explosion proof equipment that will prevent an explosion.

**Group D** - Group D is the most common group encountered in the field, and there is more equipment available for this group than for any other group.



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Product Information

# HAZHXP1™

**Class I, Division 1, Groups B, C, D, T5/T6**
**30w/60w**



CI D1 | MARINE GRADE RATED | MARINE LOCATION SUITABLE | MARINE UL LISTED | UL CERTIFIED | NEMA 4X | UL HazLoc | DLC LISTED | RoHS compliant | Ex | IECEx | IP66 | IK10 | Lumens Up to 132 lxw | 6kV Surge Protector | VOLTS 120-277 277-480 | PF >0.90 | THD <20% | CCT 3K-65K | 120° Beam Angle | CRI >80 | 100,000 | -40°C~55°C | 10 YEAR Warranty

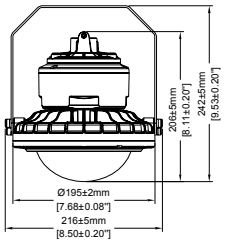
The HAZHXP1™ Series round high bay, is a hazardous location family of fixtures suitable for use in a wide range of indoor and outdoor Class I Division 1 applications. Available in four options, HAZHXP1™ Series can be used for ceiling, pendant, wall and surface applications, and replace traditional HID fixtures ranging from 100W to over 400W. The compact and low weight luminaires are safe and easy to use in harsh and hazardous locations where flammable, explosive vapors or gases are present. They are an ideal solution where long life and low maintenance are desired.

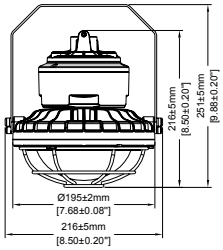
HAZHXP1™ Series fixtures are built to protect, save and last longer. Fixture body made of ADC12 die casting aluminum ≤0.4% copper-free; all screws are 304 stainless steel, spherical prismatic lens cover is high borosilicate tempered glass, 15mm thickness. Wireguard made of SUS304 stainless steel with white powder painting, UL 1598A standard. State of the art HB driver, Lumileds SMD 2835 (0.5W); fixture entry is ¾". All components are painted with our exclusive Duratek™ polyester powder coat finish and applied by electrostatic process, for durability and corrosion protection.

HAZHXP1™ Series delivers exceptional efficiency, performance and advanced engineering. Up to 132 lxw, standard 6KV standard protection, it lowers energy consumption while providing 100,000+ hours of running lamp life. It sets the bar even higher for the lighting industry in terms of shock resistance (IK10), cold start capabilities, minimal heat production which improves service life, and overall safety. Certified for Class I, Division 1, it provides global lighting solutions for a wide range of industrial and hazardous applications.

HAZHXP1™ Series are certified for use in UL, cUL and IEC hazardous locations, providing a single solution for applications around the world. These light fixtures are ideal for indoor and outdoor general area lighting in oil & gas refineries, drilling rigs, petrochemical plants, food and beverage facilities, and other industrial applications where flammable gases, vapors, dusts, fibers or flyings are present.

## Dimensions (mm)




with Wire Guard

## Ordering information

| Item | Watts | Voltage | Lumens | Item | Watts | Voltage | Lumens |
|---|---|---|---|---|---|---|---|
| AL570044 | 30w | 120-277 | 3960 | AL570044WG | 30w | 120-277 | 3660 |
| AL570045 | 60w | 120-277 | 7920 | AL570045WG | 60w | 120-277 | 7320 |

| CCT | |
|---|---|
| **Blank** | 5000K |
| **3** | 3000K |
| **4** | 4000K |
| **57** | 5700K |
| **65** | 6500K |

| Options | |
|---|---|
| **CE** | EU Certification |

## Notes

- Certified:
  30w=Class I, Division 1, Groups B, C, D, T6
  60w=Class I, Division 1, Groups B, C, D, T5
- CE =100-240V
  Ex db IIC T6 Gb / Ex tb IIIC T80°C Db
- Complies with:
  Class I, Division 2, Groups A, B, C, D, T4A/T5
  Class II, Division 1, Groups E, F, G, T5/T6
  Class II, Division 2, Groups E, F, G, T4A/T5
  Class III
- Lumens = 132 lxw
  With wire Guard = 122 lxw
- Lumen Tolerance: ±10%
- 6500K= No DLC
- SP = L/N-PE:10KV L-N:6KV
  150w (277-480V) = L/N-PE: 4KV, L-N: 4KV
- Housing Thickness = 3.5-3.7mm
- Paint Thickness = 80-120um
- Housing Color = JL078Z (RAL 7038)
- Glass Lens Thickness = 15mm
- WG = Wire Guard
- 100,000 hours life @ <Tc 70°C
- Salt Chamber Test: 1000 hours
- All fixture with a NW of ≥4.54 KG
  will include a Safety Cable

## Tests / Certificates:

- UL844
- UL8750
- UL1598
- UL1598A

EMC 2014/30/EU
- EN 55015:2013/A1:2015
- EN 61547:2009
- EN 6100-3-2:2014
- EN 61000-3-3:2013

LVD 2014/35/EU
- EN 60598-1:2015/AC:2016
- EN 60598-2-1:1989

- CSA22.2 No.137.0
- CSA22.2 No.250.0
- CSA22.2 No.250.13

- IEC 60079-0
- IEC 60079-1
- IEC 60079-31

## Packing information

| Model | Pieces / master | Box Dimensions (cm) | CBM (Master) | Gross weight (Kg) |
|---|---|---|---|---|
| 30w/60w | 1 | 50 x 25.5 x 26 | 0.0331 | 6.62 |



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# HAZHXP2™

## Class I, Division 1, Groups B, C, D, T5/T6
## 30w/60w

Product Information



The HAZHXP2™ Series round high bay, is a hazardous location family of fixtures suitable for use in a wide range of indoor and outdoor Class I Division 1 applications. Available in four options, HAZHXP2™ Series can be used for ceiling, pendant, wall and surface applications, and replace traditional HID fixtures ranging from 100W to over 400W. The compact and low weight luminaires are safe and easy to use in harsh and hazardous locations where flammable, explosive vapors or gases are present. They are an ideal solution where long life and low maintenance are desired.

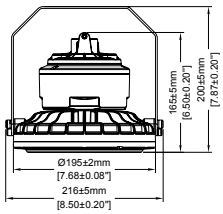
HAZHXP2™ Series fixtures are built to protect, save and last longer. Fixture body made of ADC12 die casting aluminum ≤0.4% copper-free; all screws are 304 stainless steel, spherical prismatic lens cover is high borosilicate tempered glass, 15mm thickness. Wireguard made of SUS304 stainless steel with white powder painting, UL 1598A standard. State of the art HB driver, Lumileds SMD 2835 (0.5W); fixture entry is ¾". All components are painted with our exclusive Duratek™ polyester powder coat finish and applied by electrostatic process, for durability and corrosion protection.

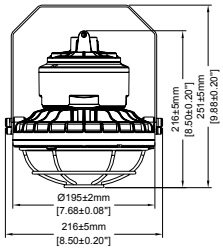
HAZHXP2™ Series delivers exceptional efficiency, performance and advanced engineering. Up to 156 lxw, standard 6KV standard protection, it lowers energy consumption while providing 100,000+ hours of running lamp life. It sets the bar even higher for the lighting industry in terms of shock resistance (IK10), cold start capabilities, minimal heat production which improves service life, and overall safety. Certified for Class I, Division 1, it provides global lighting solutions for a wide range of industrial and hazardous applications.

HAZHXP2™ Series are certified for use in UL, cUL and IEC hazardous locations, providing a single solution for applications around the world. These light fixtures are ideal for indoor and outdoor general area lighting in oil & gas refineries, drilling rigs, petrochemical plants, food and beverage facilities, and other industrial applications where flammable gases, vapors, dusts, fibers or flyings are present.

CI D1 | MARINE LISTED | CERTIFIED | c UL us LISTED | HazLoc | DLC LISTED | RoHS compliant | IECEx | IP66 | IK10 | Lumens Up to 156 lxw | 6kV Surge Protector | VOLTS 120-277 277-480 | PF >0.90 | THD <20% | CCT 3K-65K | 110° Beam Angle | CRI >80 | 100,000 | -40°C~55°C | 10 YEAR Warranty

## Dimensions (mm)




with Wire Guard

## Ordering information

| Item | Watts | Voltage | Lumens | Item | Watts | Voltage | Lumens |
|---|---|---|---|---|---|---|---|
| AL570050 | 30w | 120-277 | 4680 | AL570050WG | 30w | 120-277 | 4410 |
| AL570051 | 60w | 120-277 | 6360 | AL570051WG | 60w | 120-277 | 8820 |

| CCT | | Options | |
|---|---|---|---|
| **Blank** | 5000K | **Blank** | Beam 110° |
| **3** | 3000K | **B8** | Beam 80° |
| **4** | 4000K | **CE** | EU Certification |
| **57** | 5700K | | |
| **65** | 6500K | | |

## Notes

- Certified:
  30w=Class I, Division 1, Groups B, C, D, T6
  60w=Class I, Division 1, Groups B, C, D, T5
- CE =100-240V
  Ex db IIC T6 Gb / Ex tb IIIC T80°C Db
- Complies with:
  Class I, Division 2, Groups A, B, C, D, T4A/T5
  Class II, Division 1, Groups E, F, G, T5/T6
  Class II, Division 2, Groups E, F, G, T4A/T5
  Class III
- Lumens = 156 lxw
  With wire Guard = 147 lxw
- Lumen Tolerance: ±10%
- 6500K= No DLC
- SP = L/N-PE:10KV L-N:6KV
  150w (277-480V) =
  L/N-PE: 4KV, L-N: 4KV
- Beam: Standard 110°
  PC Lens: 80°
- Housing Thickness: 3.5-3.7mm
- Paint Thickness = 80-120um
- Housing Color = JL078Z (RAL 7038)
- Glass Lens Thickness = 15mm
- WG = Wire Guard
- 100,000 hours life @ <Tc 70°C
- Salt Chamber Test: 1000 hours
- All fixture with a NW of ≥4.54 KG will include a Safety Cable

## Tests / Certificates:

- UL844
- UL8750
- UL1598
- UL1598A

EMC 2014/30/EU
- EN 55015:2013/A1:2015
- EN 61547:2009
- EN 6100-3-2:2014
- EN 61000-3-3:2013

LVD 2014/35/EU
- EN 60598-1:2015/AC:2016
- EN 60598-2-1:1989

- CSA22.2 No.137.0
- CSA22.2 No.250.0
- CSA22.2 No.250.13

- IEC 60079-0
- IEC 60079-1
- IEC 60079-31

## Packing information

| Model | Pieces / master | Box Dimensions (cm) | CBM (Master) | Gross weight (Kg) |
|---|---|---|---|---|
| 30w/60w | 1 | 50 x 25.5 x 26 | 0.0331 | 6.62 |



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# HAZHXP3™

## Class I, Division 1, Groups B, C, D, T5/T6
## 30w/60w

Product Information



The HAZHXP3™ Series round high bay, is a hazardous location family of fixtures suitable for use in a wide range of indoor and outdoor Class I Division 1 applications. Available in four options, HAZHXP3™ Series can be used for ceiling, pendant, wall and surface applications, and replace traditional HID fixtures ranging from 100W to over 400W. The compact and low weight luminaires are safe and easy to use in harsh and hazardous locations where flammable, explosive vapors or gases are present. They are an ideal solution where long life and low maintenance are desired.

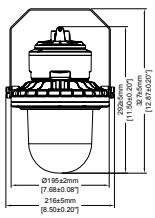
HAZHXP3™ Series fixtures are built to protect, save and last longer. Fixture body made of ADC12 die casting aluminum ≤0.4% copper-free; all screws are 304 stainless steel, spherical prismatic lens cover is high borosilicate tempered glass, 15mm thickness. Wireguard made of SUS304 stainless steel with white powder painting, UL 1598A standard. State of the art HB driver, Lumileds SMD 2835 (0.5W); fixture entry is ¾". All components are painted with our exclusive Duratek™ polyester powder coat finish and applied by electrostatic process, for durability and corrosion protection.

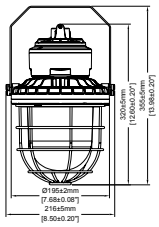
HAZHXP3™ Series delivers exceptional efficiency, performance and advanced engineering. Up to 129 lxw, standard 6KV standard protection, it lowers energy consumption while providing 100,000+ hours of running lamp life. It sets the bar even higher for the lighting industry in terms of shock resistance (IK10), cold start capabilities, minimal heat production which improves service life, and overall safety. Certified for Class I, Division 1, it provides global lighting solutions for a wide range of industrial and hazardous applications.

HAZHXP3™ Series are certified for use in UL, cUL and IEC hazardous locations, providing a single solution for applications around the world. These light fixtures are ideal for indoor and outdoor general area lighting in oil & gas refineries, drilling rigs, petrochemical plants, food and beverage facilities, and other industrial applications where flammable gases, vapors, dusts, fibers or flyings are present.

CI D1 · MARINE LISTED · CERTIFIED · NEMA 4X · HazLoc · DLC LISTED · RoHS compliant · IP66 · IK10 · Lumens Up to 129 lxw · 6kV Surge Protector · VOLTS 120-277 277-480 · PF >0.90 · THD <20% · CCT 3K-65K · 120° Beam Angle · CRI >80 · 100,000 · -40°C~55°C · 10 YEAR Warranty

## Dimensions (mm)





with Wire Guard

## Ordering information

| Item | Watts | Voltage | Lumens | Item | Watts | Voltage | Lumens |
|---|---|---|---|---|---|---|---|
| AL570052 | 30w | 120-277 | 3870 | AL570052WG | 30w | 120-277 | 3600 |
| AL570053 | 60w | 120-277 | 7740 | AL570053WG | 60w | 120-277 | 7200 |

| CCT | | Options | |
|---|---|---|---|
| **Blank** | 5000K | **CE** | EU Certification |
| **3** | 3000K | | |
| **4** | 4000K | | |
| **57** | 5700K | | |
| **65** | 6500K | | |

## Notes

- Certified:
  30w=Class I, Division 1, Groups B, C, D, T6
  60w=Class I, Division 1, Groups B, C, D, T5
- CE =100-240V
  Ex db IIC T6 Gb / Ex tb IIIC T80°C Db
- Complies with:
  Class I, Division 2 Groups A, B, C, D, T4A/T5
  Class II, Division 1, Groups E, F, G, T5/T6
  Class II, Division 2, Groups E, F, G, T4A/T5
  Class III
- Lumens= 129 lxw
  With wire Guard = 120 lxw
- Lumen Tolerance: ±10%
- 6500K= No DLC
- SP = L/N-PE:10KV L-N:6KV
  150w (277-480V) = L/N-PE: 4KV, L-N: 4KV
- Housing Thickness = 3.5-3.7mm
- Paint Thickness = 80-120um
- Housing Color = JL078Z (RAL 7038)
- Glass Lens Thickness = 15mm
- WG = Wire Guard
- 100,000 hours life @ <Tc 70°C
- Salt Chamber Test: 1000 hours
- All fixture with a NW of ≥4.54 KG
  will include a Safety Cable

## Tests / Certificates:

- UL844
- UL8750
- UL1598
- UL1598A

EMC 2014/30/EU
- EN 55015:2013/A1:2015
- EN 61547:2009
- EN 6100-3-2:2014
- EN 61000-3-3:2013

LVD 2014/35/EU
- EN 60598-1:2015/AC:2016
- EN 60598-2-1:1989

- CSA22.2 No.137.0
- CSA22.2 No.250.0
- CSA22.2 No.250.13

- IEC 60079-0
- IEC 60079-1
- IEC 60079-31

## Packing information

| Model | Pieces / master | Box Dimensions (cm) | CBM (Master) | Gross weight (Kg) |
|---|---|---|---|---|
| 30w/60w | 1 | 50 x 25.5 x 26 | 0.0331 | 6.62 |



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# HAZFXP™

**Class I, Division 1, Groups C, D, T5/T6**
**Class I, Division 2, Groups A, B, C, D, T4/T4A/T5**
**30w/60w/100w/150w/200w**
**Single Power / Single CCT**
**CCT/Power Selectable**



The HAZFXP™ floodlite, is an explosion proof led fixture suitable for use in a wide range of indoor and outdoor Class I Division 1 applications.

Available in four options, HAZFXP™ Series can be used for ceiling, pendant, wall and surface applications, and replace traditional HID fixtures ranging from 100W to over 400W. The compact and low weight luminaires are safe and easy to use in harsh and hazardous locations where flammable, explosive vapors or gases are present. They are an ideal solution where long life and low maintenance are desired.

HAZFXP™ Series fixtures are built to protect, save and last longer. Fixture body made of ADC12 die casting aluminum ≤0.4% copper-free; all screws are 304 stainless steel, flat clear lens cover is high borosilicate tempered glass, 8mm thickness. Wireguard made of SUS304 stainless steel with white powder painting, UL 1598A standard. State of the art Sosen driver, Bridgelux led chip SMD 3030 (1w); fixture entry is ¾". All components are painted with our exclusive Duratek™ polyester powder coat finish and applied by electrostatic process, for durability and corrosion protection.

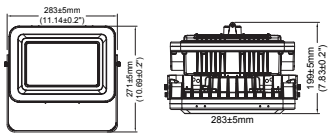
HAZFXP™ Series delivers exceptional efficiency, performance and advanced engineering. Up to 154 l x w, standard 10KV standard protection, it lowers energy consumption while providing 100,000+ hours of running lamp life. It sets the bar even higher for the lighting industry in terms of shock resistance (IK10), cold start capabilities, minimal heat production which improves service life, and overall safety. Certified for Class I, Division 1, it provides global lighting solutions for a wide range of Industrial, hazardous and explosion proof applications.

HAZFXP™ Series is certified for use in UL, cUL and IEC hazardous locations, providing a single solution for applications around the world. These light fixtures are ideal for indoor and outdoor general area lighting in oil & gas refineries, drilling rigs, petrochemical plants, food and beverage facilities, and other industrial applications.

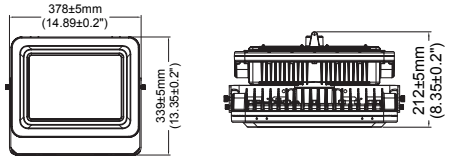
Class I D1 · Class I D2 · Marine Grade Rated · Hazardous Location Suitable · Marine UL Listed · UL Certified · NEMA 4X · UL HazLoc · DLC Listed · RoHS compliant · Ex · IECEx · IP66 · IK10 · Dim 0-10V · Lumens Up to 154 lxw · 10kV Surge Protector · VOLTS 120-277 277-480 · PF >0.90 · CCT 3K-65K · CCT Selectable 35K-4K-5K · Power Selectable · THD <20% · 110° 23° 7H6V Beam Angle · CRI >70 · 120,000 · -40°C~55°C · 10 YEAR Warranty

## Dimensions (mm)

30w/60w




100w-200w




## Ordering information

**Single Power/ Single CCT**

| Item | Watts | Voltage | Lumens |
|---|---|---|---|
| AL570017 | 30w | 120-277 | 4620 |
| AL570018 | 60w | 120-277 | 9240 |
| AL570019 | 100w | 120-277 | 15400 |
| AL570020 | 150w | 120-277 | 23100 |
| AL570021 | 150w | 277-480 | 23100 |
| AL570022 | 200w | 120-277 | 30800 |
| AL570017WG | 30w | 120-277 | 4620 |
| AL570018WG | 60w | 120-277 | 9240 |
| AL570019WG | 100w | 120-277 | 15400 |
| AL570020WG | 150w | 120-277 | 23100 |
| AL570021WG | 150w | 277-480 | 23100 |
| AL570022WG | 200w | 120-277 | 30800 |

| CCT | | Beam | | Options | |
|---|---|---|---|---|---|
| **Blank** | 5000K | **Blank** | 110° | **S** | Light Shield |
| **3** | 3000K | **B2** | 23° | **M** | Marine Grade |
| **4** | 4000K | **B7** | 7H6V | **CE** | European Certification |
| **57** | 5700K | | | | |
| **65** | 6500K | | | | |

**CCT/Power Selectable**

| Item | Power | 3000K | 4000K | 5000K |
|---|---|---|---|---|
| AL570023 | 60w | 8500 | 9240 | 9240 |
| | 45w | 6375 | 6930 | 6930 |
| | 30w | 4250 | 4620 | 4620 |
| AL570024 | 200w | 28340 | 30800 | 30800 |
| | 150w | 21250 | 23100 | 23100 |
| | 100w | 14170 | 15400 | 15400 |
| AL570023WG | 60w | 8500 | 9240 | 9240 |
| | 45w | 6375 | 6930 | 6930 |
| | 30w | 4250 | 4620 | 4620 |
| AL570023WG | 200w | 28340 | 30800 | 30800 |
| | 150w | 21250 | 23100 | 23100 |
| | 100w | 14170 | 15400 | 15400 |

| Beam | | Options | |
|---|---|---|---|
| **Blank** | 110° | **S** | Light Shield |
| **B2** | 23° | **CE** | EU Certification |
| **B7** | 7H6V | | |

## Notes

- Certified:
  30w = Class I, Division 1, Groups C, D, T6
  Class I, Division 2, Groups A, B, C, T5
  60w= Class I, Division 1, Groups C, D, T6
  Class I, Division 2, Groups A, B, C, T4
  100w/150w= Class I, Division 1, Groups C, D, T6
  Class I, Division 2, Groups A, B, C, D, T4A
  200w= Class I, Division 1, Groups C, D, T5
  Class I, Division 2, Groups A, B, C, D, T4
- CE =100-240V
  Ex db IIC T6 Gb / Ex tb IIIC T80°C Db
- Complies with:
  Class II, Division 1, Groups E, F, G,T5/T6
  Class II, Division 2, Groups E, F, G, T4/T4A/T5
  Class III
- Lumens based on 5000K & Beam 110°:
  110° = up to 154 lxw
  23° = up to 135 lxw
  7H6V = up to 153 lxw
- Lumens 3K = - 8%
- 6500K= No DLC
- Lumen Tolerance: ±10%
- SP = L/N-PE:10KV L-N:6KV
- Housing Thickness = >3.5mm
- Paint Thickness = 150um
- Housing Color = JL078Z (RAL 7038)
- Beam:
  110° = Glass Only
  23° & 7H6V = PC & Glass Lens
- PC Lens Thickness:
  23° 30w/60w = 19.2mm
  23° 100w-200w = 19.3mm
  7H6V 30w/60w = 8.5mm
  7H6V 100w-200w = 9.1mm
- Glass Lens Thickness: 15mm
- 100,000 hours life @ <Tc 70°C
- Salt Chamber Test: 1000 hours
- All fixture with a NW of ≥4.54 KG will include a Safety Cable

## Tests / Certificates:

- UL844
- UL8750
- UL1598
- UL1598A

EMC 2014/30/EU
- EN 55015:2013/A1:2015
- EN 61547:2009
- EN 6100-3-2:2014
- EN 61000-3-3:2013

LVD 2014/35/EU
- EN 60598-1:2015/AC:2016
- EN 60598-2-1:1989

- CSA22.2 No.137.0
- CSA22.2 No.250.0
- CSA22.2 No.250.13

- IEC 60079-0
- IEC 60079-1
- IEC 60079-31

## Packing information

| Model | Pieces / master | Box Dimensions (cm) | CBM (Master) | Gross weight (Kg) |
|---|---|---|---|---|
| 30w/60w | 1 | 36.5 x 34.5 x 25.5 | 0.0321 | 8.5 |
| 100w-200w | 1 | 44.5 x 43.7 x 28.5 | 0.0554 | 15 |



americanlite®

Product Information

# HAZLX1™

## Class I, Division 1, Groups C, D, T5/T6
## 40w / 80w / 120w /200w



C1 D1 | MARINE-GRADE RATED | MARSH LOCATION SUITABLE | MARINE UL LISTED | UL CERTIFIED | NEMA 4X | HazLoc | DLC LISTED | RoHS compliant | Ex | IP66 | IK10 | Dim 0-10V | Lumens up to 135 lxw | 10kV Surge Protector | VOLTS 100-277 277-480 | PF ≥0.90 | THD ≤20% | 80° 90° Beam Angle | CRI >80 | 120,000 | -40°C~60°C | 10 YEAR Warranty

The Americanlite® HAZLX1™ is a heavy duty industrial linear luminaire engineered for hazardous environments where safety, reliability, and long term performance are essential. Certified for Class I, Division 1 (C1D1), Groups C & D, the HAZLX1™ is designed to operate safely in facilities where flammable gases or vapors may be present, making it the ideal lighting solution for oil and gas facilities, chemical processing plants, refineries, offshore platforms, fuel storage terminals, marine applications, and other hazardous industrial locations.

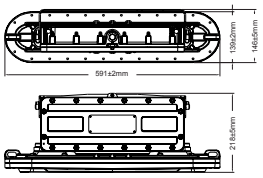
Delivering exceptional efficiency of up to 135 lumens per watt, the HAZLX1™ combines powerful illumination with low energy consumption. Available in outputs from 40W through 200W, multiple voltage configurations up to 480V, and 80° or 90° beam distributions, it provides the flexibility required for a wide range of industrial lighting applications while maintaining outstanding optical performance and uniform light distribution.

Built for extreme operating conditions, the HAZLX1™ features a rugged marine grade aluminum housing with IP66 protection against dust and water ingress, IK10 impact resistance, 10kV surge protection, and reliable operation from -40°C to 60°C. Its robust construction, heavy duty safety cable, corrosion resistant finish, and premium materials ensure dependable performance in the toughest industrial environments while minimizing maintenance requirements.

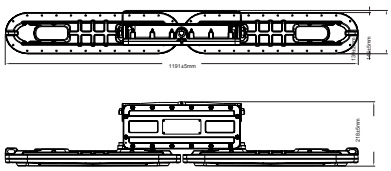
Designed to meet the highest industry standards, the HAZLX1™ is certified to UL844, UL1598, UL1598A, UL8750, CSA, and IEC hazardous location requirements, while offering 0 to 10V dimming, CRI greater than 80, a rated life of up to 120,000 hours, and the confidence of a 10 year warranty. The result is an industrial lighting solution that delivers exceptional safety, maximum durability, and reliable performance for the world's most demanding hazardous locations.

## Dimensions (mm)

40w



80w-120w



## Ordering information

| Item | Watts | Voltage | Lumens | Item | Watts | Voltage | Lumens |
|---|---|---|---|---|---|---|---|
| AL570100 | 40w | 120-277 | 5400 | AL570104 | 80w | 277-480 | 10800 |
| AL570101 | 80w | 120-277 | 10800 | AL570105 | 120w | 277-480 | 16200 |
| AL570102 | 120w | 120-277 | 16200 | AL570106 | 200w | 277-480 | 27000 |
| AL570103 | 200w | 120-277 | 27000 | AL570104WG | 80w | 277-480 | 10240 |
| AL570100WG | 40w | 120-277 | 5120 | AL570105WG | 120w | 277-480 | 15360 |
| AL570101WG | 80w | 120-277 | 10240 | AL570106WG | 200w | 277-480 | 25600 |
| AL570102WG | 120w | 120-480 | 15360 | | | | |
| AL570103WG | 200w | 120-277 | 25600 | | | | |

| CCT | | Beam | | Options | |
|---|---|---|---|---|---|
| **Blank** | 5000K | **Blank** | 80° | **CE** | EU Certification |
| **3** | 3000K | **B2** | 90° | | |
| **4** | 4000K | | | | |
| **57** | 5700K | | | | |
| **65** | 6500K | | | | |

## Notes

- Certified:
  40w-120w=Class I, Division 1, Groups C, D, T6
  200w= Class I, Division 1, Groups C, D, T5
- Complies with:
  Class I, Division 2 Groups A, B, C, D, T4/T4A/T5
  Class II, Division 1, Groups E,F,G , T5/T6
  Class II, Division 2 Groups E,F,G, T4/T4A/T5
  Class III
- Complies:
  CE: Ex db IIC T6 Gb; Ex tb IIIC T80°C Db
- Lumens: up to 135 lxw
  Tolerance up to 10%
  With wire guard: up to 128 lxw
- DLC 6500K= No DLC
- Surge Protection:
  L/N-PE:10KV L-N:6KV
- WG = Wire Guard
- 120,000 hours life @ <Tc 70°C
- Salt Chamber Test: 200 hours
- Housing=IK10 Glass=IK08
- Housing Thickness = 3.5
- Glass Thickness = >8mm
- PC Thickness = 2.5mm
- Paint Thickness = 100-160um
- Housing Color = JL078Z (RAL 7038)
- All fixture with a NW of ≥4.54 KG will include a Safety Cable

## Tests / Certificates:

- UL844
- UL8750
- UL1598
- UL1598A

Complies:EMC 2014/30/EU
- EN 55015:2013/A1:2015
- EN 61547:2009
- EN 6100-3-2:2014
- EN 61000-3-3:2013

Complies: LVD 2014/35/EU
- EN 60598-1:2015/AC:2016
- EN 60598-2-1:1989

- CSA22.2 No.137.0
- CSA22.2 No.250.0
- CSA22.2 No.250.13

Complies
- IEC 60079-0
- IEC 60079-1
- IEC 60079-31

## Packing information

| Model | Pieces / master | Box Dimensions (cm) | CBM (Master) | Gross weight (Kg) |
|---|---|---|---|---|
| 40w | 1 | 65 x 20 x 27.5 | 0.0357 | 14 |
| 80w/120w/200w | 1 | 125 x 20 x 27.5 | 0.0687 | 21.9 / 22.2 / 22.3 |



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Product Information



# HAZRH2™

## Class I, Division 2, Groups A, B, C, D, T4A/T5
## 60w / 100w / 150w

CI D2 · MARINE-GRADE RATED · HARSH LOCATION SUITABLE · MARINE UL LISTED · UL CERTIFIED · NEMA 4X · UL HazLoc · DLC LISTED · RoHS compliant · Ex · IP66 · IK10 · DIM 0-10V · Lumens Up to 155 lxw · 6kV Surge Protector · VOLTS 100-277 277-480 · PF >0.90 · THD <20% · 120° Beam Angle · CCT 5000K · CRI >80 · 100,000 · -40°C~55°C · 10 YEAR Warranty

The HAZRH2™ Series round high bay, is a hazardous location family of fixtures suitable for use in a wide range of indoor and outdoor Class I Division 2 applications. Available in four options, HAZRH2™ Series can be used for ceiling, pendant, wall and surface applications, and replace traditional HID fixtures ranging from 100W to over 400W. The compact and low weight luminaires are safe and easy to use in harsh and hazardous locations where flammable, explosive vapors or gases are present. They are an ideal solution where long life and low maintenance are desired.

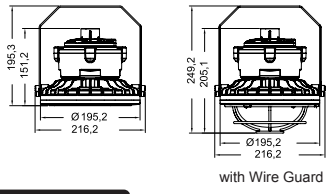
HAZRH2™ Series fixtures are built to protect, save and last longer. Fixture body made of ADC12 die casting aluminum ≤0.4% copper-free; all screws are 304 stainless steel, spherical prismatic lens cover is high borosilicate tempered glass, 8mm thickness. Wireguard made of SUS304 stainless steel with white powder painting, UL 1598A standard. State of the art Sosen driver, Samsung led chip SMD 2835 (0.5W); fixture entry is ¾". All components are painted with our exclusive Duratek™ polyester powder coat finish and applied by electrostatic process, for durability and corrosion protection.

HAZRH2™ Series delivers exceptional efficiency, performance and advanced engineering. Up to 155 l x w, standard 6KV standard protection, it lowers energy consumption while providing 100,000+ hours of running lamp life. It sets the bar even higher for the lighting industry in terms of shock resistance (IK10), cold start capabilities, minimal heat production which improves service life, and overall safety. Certified for Class I, Division 2, it provides global lighting solutions for a wide range of industrial and hazardous applications.

HAZRH2™ Series are certified for use in UL, cUL and complies with IEC hazardous locations, providing a single solution for applications around the world. These light fixtures are ideal for indoor and outdoor general area lighting in oil & gas refineries, drilling rigs, petrochemical plants, food and beverage facilities, and other industrial applications where flammable gases, vapors, dusts, fibers or flyings are present.

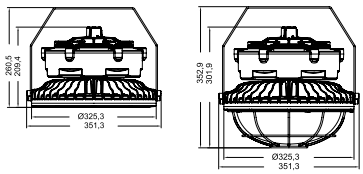
## Dimensions (mm)

60w




with Wire Guard

100w/150w




with Wire Guard

## Ordering information

| Item | Watts | Voltage | Lumens |
|---|---|---|---|
| AL570004 | 60w | 100-277 | 7800 |
| AL570005 | 100w | 100-277 | 14500 |
| AL570006 | 150w | 100-277 | 23250 |
| AL570007 | 150w | 277-480 | 22500 |
| AL570004WG | 60w | 100-277 | 7200 |
| AL570005WG | 100w | 100-277 | 14000 |
| AL570006WG | 150w | 100-277 | 21750 |
| AL570007WG | 150w | 277-480 | 21000 |

| CCT | |
|---|---|
| **Blank** | 5000K |
| **3** | 3000K |
| **4** | 4000K |
| **57** | 5700K |
| **65** | 6500K |

**Options**

**CE** EU Certification

## Notes

- Certified:
  30w/100w=Class I, Division 2, Groups A, B, C, D, T5
  60w/150w=Class I, Division 2, Groups A, B, C, D, T4A
- Complies with:
  Class II, Division 1, Groups E, F, G, T4A/T5
  Class II, Division 2, Groups E, F, G, T4A/T5
  Class III
- CE =100-240V
  Ex mb eb IIC T4 Gb / Ex tb IIIC T80°C Db

- All lumens per watt same for 4K/5K/57K/65K. 3000K: 8% less
- 6500K= No DLC
- SP 60w=6kV, 100w/150w=10kV
- 60w=IK09 100w/150w=IK07
- Housing Color = JL078Z (RAL 7038)
- WG = Wire Guard
- 100,000 hours life @ <Tc 70°C
- Salt Chamber Test: 1000 hours
- All fixture with a NW of ≥4.54 KG will include a Safety Cable

## Tests / Certificates:

- UL844
- UL8750
- UL1598
- UL1598A

EMC 2014/30/EU
- EN 55015:2013/A1:2015
- EN 61547:2009
- EN 6100-3-2:2014
- EN 61000-3-3:2013

LVD 2014/35/EU
- EN 60598-1:2015/AC:2016
- EN 60598-2-1:1989

- CSA22.2 No.137.0
- CSA22.2 No.250.0
- CSA22.2 No.137.13

Complies
- IEC 60079-0
- IEC 60079-7
- IEC 60079-18
- IEC 60079-31

## Packing information

| Model | Pieces / master | Box Dimensions (cm) | CBM (Master) | Gross weight (Kg) |
|---|---|---|---|---|
| 60w | 2 | 50 x 25.5 x 26 | 0.0331 | 8.92 |
| 60w with Wireguard | 2 | 50 x 25.5 x 31 | 0.0395 | 9.88 |
| 100w/150w | 1 | 40 x 40 x 34.5 | 0.0552 | 12.35 |
| 100w/150w with Wireguard | 1 | 40 x 40 x 44 | 0.0704 | 13.83 |



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# HAZRH1™

## Class I, Division 2, Groups A, B, C, D, T4A/T5
## 60w /100w / 150w

Product Information



CI D2 | MARINE LISTED | CERTIFIED | NEMA 4X | HazLoc | DLC LISTED | RoHS compliant | Ex | IP66 | IK10

| DIM | Lumens | 6kV |
|---|---|---|
| 0-10V | Up to 155 lxw | Surge Protector |

| VOLTS | PF | THD |
|---|---|---|
| 100-277 277-480 | >0.90 | <20% |

| 110° Beam Angle | CCT | CRI |
|---|---|---|
| | 5000K | >80 |

| 100,000 | -40°C~55°C | 10 YEAR Warranty |
|---|---|---|

The HAZRH1™ Series round high bay, is a hazardous location family of fixtures suitable for use in a wide range of indoor and outdoor Class I Division 2 applications. Available in four options, HAZRH1™ Series can be used for ceiling, pendant, wall and surface applications, and replace traditional HID fixtures ranging from 100W to over 400W. The compact and low weight luminaires are safe and easy to use in harsh and hazardous locations where flammable, explosive vapors or gases are present. They are an ideal solution where long life and low maintenance are desired.

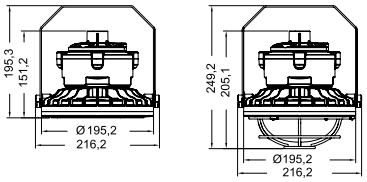
HAZRH1™ Series fixtures are built to protect, save and last longer. Fixture body made of ADC12 die casting aluminum ≤0.4% copper-free; all screws are 304 stainless steel, flat clear lens cover is high borosilicate tempered glass, 8mm thickness. Wireguard made of SUS304 stainless steel with white powder painting, UL 1598A standard. State of the art Sosen driver, Samsung led chip SMD 2835 (0.5W); fixture entry is ¾". All components are painted with our exclusive Duratek™ polyester powder coat finish and applied by electrostatic process, for durability and corrosion protection.

HAZRH1™ Series delivers exceptional efficiency, performance and advanced engineering. Up to 155 l x w, standard 6KV standard protection, it lowers energy consumption while providing 100,000+ hours of running lamp life. It sets the bar even higher for the lighting industry in terms of shock resistance (IK10), cold start capabilities, minimal heat production which improves service life, and overall safety. Certified for Class I, Division 2, it provides global lighting solutions for a wide range of industrial and hazardous applications.

HAZRH1™ Series is certified for use in UL, cUL and complies with IEC hazardous locations, providing a single solution for applications around the world. These light fixtures are ideal for indoor and outdoor general area lighting in oil & gas refineries, drilling rigs, petrochemical plants, food and beverage facilities, and other industrial applications where flammable gases, vapors, dusts, fibers or flyings are present.

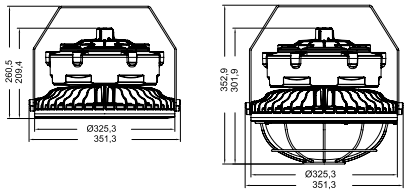
## Dimensions (mm)

60w




with Wire Guard

100w/150w




with Wire Guard

## Ordering information

| Item | Watts | Voltage | Lumens |
|---|---|---|---|
| AL570000 | 60w | 100-277 | 8400 |
| AL570001 | 100w | 100-277 | 15000 |
| AL570002 | 150w | 100-277 | 23250 |
| AL570003 | 150w | 277-480 | 22500 |
| AL570000WG | 60w | 100-277 | 8100 |
| AL570001WG | 100w | 100-277 | 14500 |
| AL570002WG | 150w | 100-277 | 22500 |
| AL570003WG | 150w | 277-480 | 21750 |

| CCT | |
|---|---|
| **Blank** | 5000K |
| **3** | 3000K |
| **4** | 4000K |
| **57** | 5700K |
| **65** | 6500K |

| Options | |
|---|---|
| **CE** | EU Certification |

## Notes

- Certified:
  30w/100w=Class I, Division 2, Groups A, B, C, D, T5
  60w/150w=Class I, Division 2, Groups A, B, C, D, T4A
- Complies with:
  Class II, Division 1, Groups E, F, G, T4A/T5
  Class II, Division 2, Groups E, F, G, T4A/T5
  Class III
- CE =100-240V
  Ex mb eb IIC T4 Gb / Ex tb IIIC T80°C Db
- All lumens per watt same for 4K/5K/57K/65K. 3000K: 8% less
- 6500K= No DLC
- SP 60w=6kV, 100w/150w=10kV
- Housing Color = JL078Z (RAL7038)
- WG = Wire Guard
- 100,000 hours life @ <Tc 70°C
- Salt Chamber Test: 1000 hours
- All fixture with a NW of ≥4.54 KG will include a Safety Cable

## Tests / Certificates:

- UL844
- UL8750
- UL1598
- UL1598A

EMC 2014/30/EU
- EN 55015:2013/A1:2015
- EN 61547:2009
- EN 6100-3-2:2014
- EN 61000-3-3:2013

LVD 2014/35/EU
- EN 60598-1:2015/AC:2016
- EN 60598-2-1:1989

- CSA22.2 No.137.0
- CSA22.2 No.250.0
- CSA22.2 No.137.13

Complies
- IEC 60079-0
- IEC 60079-7
- IEC 60079-18
- IEC 60079-31

## Packing information

| Model | Pieces / master | Box Dimensions (cm) | CBM (Master) | Gross weight (Kg) |
|---|---|---|---|---|
| 60w | 2 | 50 x 25.5 x 26 | 0.0331 | 8.92 |
| 60w with Wireguard | 2 | 50 x 25.5 x 31 | 0.0395 | 9.88 |
| 100w/150w | 1 | 40 x 40 x 34.5 | 0.0552 | 12.35 |
| 100w/150w with Wireguard | 1 | 40 x 40 x 44 | 0.0704 | 13.83 |



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Product Information



# HAZRH3™

## Class I, Division 2, Groups A, B, C, D, T4A/T5
## 60w

The HAZRH3™ Series round high bay, is a hazardous location family of fixtures suitable for use in a wide range of indoor and outdoor Class I Division 2 applications. HAZRH3™ Series can be used for ceiling, pendant, wall and surface applications, and replace traditional HID fixtures. The compact and low weight luminaires are safe and easy to use in harsh and hazardous locations where flammable or explosive vapors or gases are present. They are an ideal solution where long life and low maintenance are desired.

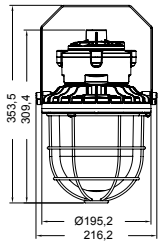
HAZRH3™ Series fixtures are built to protect, save and last longer. Fixture body made of ADC12 die casting aluminum ≤0.4% copper-free; all screws are 304 stainless steel, "U" spherical prismatic lens cover is high borosilicate tempered glass, 8mm thickness. Wireguard made of SUS304 stainless steel with white powder painting, UL 1598A standard. State of the art Sosen driver, Samsung led chip SMD 2835 (0.5W); fixture entry is ¾". All components are painted with our exclusive Duratek™polyester powder coat finish and applied by electrostatic process, for durability and corrosion protection.

HAZRH3™ Series delivers exceptional efficiency, performance and advanced engineering. Up to 135 l x w, standard 6KV standard protection, it lowers energy consumption while providing 100,000+ hours of running lamp life. It sets the bar even higher for the lighting industry in terms of shock resistance (IK10), cold start capabilities, minimal heat production which improves service life, and overall safety. Certified for Class I, Division 2, it provides global lighting solutions for a wide range of industrial and hazardous applications.

HAZRH3™ Series are certified for use in UL, cUL and complies with IEC hazardous locations, providing a single solution for applications around the world. These light fixtures are ideal for indoor and outdoor general area lighting in oil & gas refineries, drilling rigs, petrochemical plants, food and beverage facilities, and other industrial applications where flammable gases, vapors, dusts, fibers or flyings are present.

| | | |
|---|---|---|
| CI D2 | MARINE-GRADE RATED | HARSH LOCATION SUITABLE |
| MARINE UL LISTED | UL CERTIFIED | NEMA 4X |
| UL HazLoc | DLC LISTED | RoHS compliant |
| Ex | IP66 | IK10 |
| DIM 0-10V | Lumens Up to 135 lxw | 6kV Surge Protector |
| VOLTS 100-277 | PF >0.90 | THD <20% |
| 120° Beam Angle | CCT 5000K | CRI >80 |
| 100,000 | -40°C~55°C | 10 YEAR Warranty |

## Dimensions (mm)




## Ordering information

| Item | Watts | Voltage | Lumens |
|---|---|---|---|
| AL570008 | 60w | 100-277 | 8100 |
| AL570008WG | 60w | 100-277 | 7800 |

| CCT | |
|---|---|
| **Blank** | 5000K |
| **3** | 3000K |
| **4** | 4000K |
| **57** | 5700K |
| **65** | 6500K |

| Options | |
|---|---|
| **CE** | EU Certification |

## Notes

- Certified:
  30w/100w=Class I, Division 2, Groups A, B, C, D, T5
  60w/150w=Class I, Division 2, Groups A, B, C, D, T4A
- Complies with:
  Class II, Division 1, Groups E, F, G, T4A/T5
  Class II, Division 2, Groups E, F, G, T4A/T5
  Class III
- CE =100-240V
  Ex mb eb IIC T4 Gb / Ex tb IIIC T80°C Db
- All lumens per watt same for 4K/5K/57K/65K. 3000K: 8% less
- 6500K= No DLC
- Housing Color = JL078Z (RAL 7038)
- 100,000 hours life @ <Tc 70°C
- WG = Wire Guard
- Salt Chamber Test: 1000 hours
- All fixture with a NW of ≥4.54 KG will include a Safety Cable

## Tests / Certificates:

- UL844
- UL8750
- UL1598
- UL1598A

EMC 2014/30/EU
- EN 55015:2013/A1:2015
- EN 61547:2009
- EN 6100-3-2:2014
- EN 61000-3-3:2013

LVD 2014/35/EU
- EN 60598-1:2015/AC:2016
- EN 60598-2-1:1989

- CSA22.2 No.137.0
- CSA22.2 No.250.0
- CSA22.2 No.137.13

Complies
- IEC 60079-0
- IEC 60079-7
- IEC 60079-18
- IEC 60079-31

## Packing information

| Model | Pieces / master | Box Dimensions (cm) | CBM (Master) | Gross weight (Kg) |
|---|---|---|---|---|
| 60w | 2 | 50 x 25.5 x 41 | 0.0514 | 11.4 |
| with Wireguard | 2 | 50 x 25.5 x 41 | 0.0514 | 12 |



05.21.2026



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# HAZRH4™

## Class I, Division 2, Groups A, B, C, D, T4/T4A
## 30w /60w/100w /150w

Product Information



The HAZRH4™ Series round high bay, is a hazardous location family of fixtures suitable for use in a wide range of indoor and outdoor Class I Division 2 applications. Available in four options, HAZRH4™ Series can be used for ceiling, pendant, wall and surface applications, and replace traditional HID fixtures ranging from 100W to over 400W. The compact and low weight luminaires are safe and easy to use in harsh and hazardous locations where flammable, explosive vapors or gases are present. They are an ideal solution where long life and low maintenance are desired.

HAZRH4™ Series fixtures are built to protect, save and last longer. Fixture body made of ADC12 die casting aluminum ≤0.4% copper-free; all screws are 304 stainless steel, spherical prismatic lens cover is high borosilicate tempered glass, 8mm thickness. Wireguard made of SUS304 stainless steel with white powder painting, UL 1598A standard. State of the art HB driver, Samsung led chip SMD 2835 (0.5W); fixture entry is ¾". All components are painted with our exclusive Duratek™ polyester powder coat finish and applied by electrostatic process, for durability and corrosion protection.

HAZRH4™ Series delivers exceptional efficiency, performance and advanced engineering. Up to 130 lxw, standard 6KV standard protection, it lowers energy consumption while providing 100,000+ hours of running lamp life. It sets the bar even higher for the lighting industry in terms of shock resistance (IK10), cold start capabilities, minimal heat production which improves service life, and overall safety. Certified for Class I, Division 2, it provides global lighting solutions for a wide range of industrial and hazardous applications.

HAZRH4™ Series are certified for use in UL, cUL and complies with IEC hazardous locations, providing a single solution for applications around the world. These light fixtures are ideal for indoor and outdoor general area lighting in oil & gas refineries, drilling rigs, petrochemical plants, food and beverage facilities, and other industrial applications where flammable gases, vapors, dusts, fibers or flyings are present.

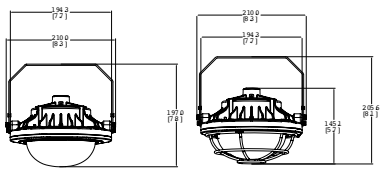
CI D1 | MARINE-GRADE RATED | MARINE LOCATION SUITABLE | MARINE UL LISTED | UL CERTIFIED | NEMA 4X | UL HazLoc | DLC LISTED | RoHS compliant | Ex | IP66 | IK10

| Lumens | 6kV | VOLTS | PF | THD | CCT | CRI | Beam Angle | Warranty |
|---|---|---|---|---|---|---|---|---|
| Up to 130 lxw | Surge Protector | 120-277 277-480 | >0.90 | <20% | 3K-65K | >80 | 120° | 10 YEAR |

-40°C~55°C | 100,000

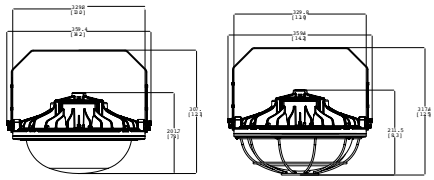
## Dimensions (mm)

30w/60w



with Wire Guard

100w/150w



with Wire Guard

## Ordering information

| Item | Watts | Voltage | Lumens |
|---|---|---|---|
| AL570032 | 30w | 120-277 | 3900 |
| AL570033 | 60w | 120-277 | 7800 |
| AL570034 | 100w | 120-277 | 13000 |
| AL570035 | 150w | 120-277 | 19500 |
| AL570036 | 150w | 277-480 | 19500 |

| CCT | |
|---|---|
| **Blank** | 5000K |
| **3** | 3000K |
| **4** | 4000K |
| **57** | 5700K |
| **65** | 6500K |

| Options | |
|---|---|
| **WG** | Wire Guard |
| **CE** | EU Certification |

## Notes

- Certified:
  30w=Class I, Division 2, Groups A, B, C, D, T4A
  60w-150w=Class I, Division 2, Groups A, B, C, D, T4
- Complies with:
  Class II, Division 1, Groups E, F, G, T4A/T5
  Class II, Division 2, Groups E, F, G, T4A/T5
  Class III
- CE =100-240V
  Ex mb eb IIC T4 Gb / Ex tb IIIC T80/T95°C Db
- Lumen Tolerance: ±10%
- Lumens= 130 lxw
  With wire Guard = 117 lxw
- 6500K= No DLC
- SP = L/N-PE:10KV L-N:6KV
  150w (277-480V) = L/N-PE: 4KV, L-N: 4KV
- Housing Thickness = 1mm
- Paint Thickness = >90um
- Housing Color = JL078Z (RAL 7038)
- Glass Lens Thickness: 8mm
- Glass = IK07
- 100,000 hours life @ <Tc 70°C
- Salt Chamber Test: 1000 hours
- All fixture with a NW of ≥4.54 KG will include a Safety Cable

## Tests / Certificates:

- UL844
- UL8750
- UL1598
- UL1598A

EMC 2014/30/EU
- EN 55015:2013/A1:2015
- EN 61547:2009
- EN 6100-3-2:2014
- EN 61000-3-3:2013

LVD 2014/35/EU
- EN 60598-1:2015/AC:2016
- EN 60598-2-1:1989

- CSA22.2 No.137.0
- CSA22.2 No.250.0
- CSA22.2 No.250.13

Complies
- IEC 60079-0
- IEC 60079-7
- IEC 60079-18
- IEC 60079-31

## Packing information

| Model | Pieces / master | Box Dimensions (cm) | CBM (Master) | Gross weight (Kg) |
|---|---|---|---|---|
| 30w/60w | 4 | 47 x 47 x 19.3 | 0.0426 | 10.6 |
| 100w/150w | 1 | 40 x 40 x 21.8 | 0.0348 | 7.5 |



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Product Information

# HAZRH5™

## Class I, Division 2, Groups A, B, C, D, T4/T4A
## 30w /60w/100w /150w



Cl D2 | MARINE-GRADE RATED | HARSH LOCATION SUITABLE | MARINE UL LISTED | UL CERTIFIED | NEMA 4X | UL HazLoc | DLC LISTED | RoHS compliant | Ex | IP66 | IK10

| | | |
|---|---|---|
| Lumens Up to 135 lxw | 6kV Surge Protector | VOLTS 120-277 277-480 |
| PF >0.90 | THD <20% | 110° Beam Angle |
| CCT 3K-65K | CRI >80 | 100,000 |
| -40°C~55°C | 10 YEAR Warranty | |

The HAZRH5™ Series round high bay, is a hazardous location family of fixtures suitable for use in a wide range of indoor and outdoor Class I Division 2 applications. Available in four options, HAZRH5™ Series can be used for ceiling, pendant, wall and surface applications, and replace traditional HID fixtures ranging from 100W to over 400W. The compact and low weight luminaires are safe and easy to use in harsh and hazardous locations where flammable, explosive vapors or gases are present. They are an ideal solution where long life and low maintenance are desired.

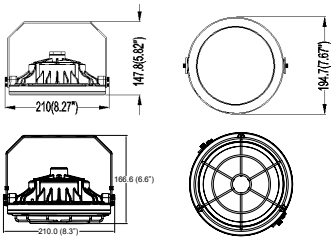
HAZRH5™ Series fixtures are built to protect, save and last longer. Fixture body made of ADC12 die casting aluminum ≤0.4% copper-free; all screws are 304 stainless steel, spherical prismatic lens cover is high borosilicate tempered glass, 8mm thickness. Wireguard made of SUS304 stainless steel with white powder painting, UL 1598A standard. State of the art HB driver, Samsung led chip SMD 2835 (0.5W); fixture entry is ¾". All components are painted with our exclusive Duratek™ polyester powder coat finish and applied by electrostatic process, for durability and corrosion protection.

HAZRH5™ Series delivers exceptional efficiency, performance and advanced engineering. Up to 135 lxw, standard 6KV standard protection, it lowers energy consumption while providing 100,000+ hours of running lamp life. It sets the bar even higher for the lighting industry in terms of shock resistance (IK10), cold start capabilities, minimal heat production which improves service life, and overall safety. Certified for Class I, Division 2, it provides global lighting solutions for a wide range of industrial and hazardous applications.

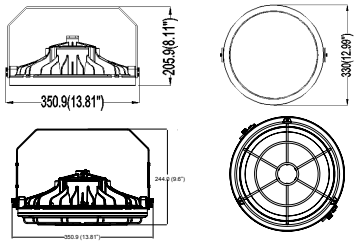
HAZRH5™ Series are certified for use in UL, cUL and complies with IEC hazardous locations, providing a single solution for applications around the world. These light fixtures are ideal for indoor and outdoor general area lighting in oil & gas refineries, drilling rigs, petrochemical plants, food and beverage facilities, and other industrial applications where flammable gases, vapors, dusts, fibers or flyings are present.

## Dimensions (mm)

30w/60w




100w/150w




## Ordering information

| Item | Watts | Voltage | Lumens |
|---|---|---|---|
| AL570037 | 30w | 120-277 | 4050 |
| AL570038 | 60w | 120-277 | 8100 |
| AL570039 | 100w | 120-277 | 13500 |
| AL570040 | 150w | 120-277 | 20250 |
| AL570041 | 150w | 277-480 | 20250 |

| CCT | |
|---|---|
| **Blank** | 5000K |
| **3** | 3000K |
| **4** | 4000K |
| **57** | 5700K |
| **65** | 6500K |

| Options | |
|---|---|
| **Blank** | Beam 110° |
| **B8** | Beam 80° |
| **WG** | Wire Guard |
| **CE** | EU Certification |

## Notes

- Certified:
  30w=Class I, Division 2, Groups A, B, C, D, T4A
  60w-150w=Class I, Division 2, Groups A, B, C, D, T4
- Complies with:
  Class II, Division 1, Groups E, F, G, T4A/T5
  Class II, Division 2, Groups E, F, G, T4A/T5
  Class III
- CE =100-240V
  Ex mb eb IIC T4 Gb / Ex tb IIIC T80/T95°C Db
- Lumens= 135 lxw
  Wire Guard = 125 lxw
  PC Lens = 133lxw
- Lumen Tolerance: ±10%
- 6500K= No DLC
- SP = L/N-PE:10KV L-N:6KV
  150w (277-480V) =
  L/N-PE: 4KV, L-N: 4KV
- Beam: Standard 110°
  PC Lens: 80°
- Housing Thickness = 1mm
- Paint Thickness = >90um
- Housing Color = JL 078Z (RAL 7038)
- Glass Lens Thickness: 8mm
- Glass = IK07
- 100,000 hours life @ <Tc 70°C
- Salt Chamber Test: 1000 hours
- All fixture with a NW of ≥4.54 KG will include a Safety Cable

## Tests / Certificates:

- UL844
- UL8750
- UL1598
- UL1598A

EMC 2014/30/EU
- EN 55015:2013/A1:2015
- EN 61547:2009
- EN 6100-3-2:2014
- EN 61000-3-3:2013

LVD 2014/35/EU
- EN 60598-1:2015/AC:2016
- EN 60598-2-1:1989

- CSA22.2 No.137.0
- CSA22.2 No.250.0
- CSA22.2 No.250.13

Complies
- IEC 60079-0
- IEC 60079-7
- IEC 60079-18
- IEC 60079-31

## Packing information

| Model | Pieces / master | Box Dimensions (cm) | CBM (Master) | Gross weight (Kg) |
|---|---|---|---|---|
| 30w/60w | 4 | 47 x 47 x 19.3 | 0.0426 | 10.6 |
| 100w/150w | 1 | 40 x 40 x 21.8 | 0.0348 | 7.5 |



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# HAZRH6™

## Class I, Division 2, Groups A, B, C, D, T4/T4A
## 30w /60w

Product Information



CI D2 | MARINE-GRADE RATED | MARSH LOCATION SUITABLE | MARINE UL LISTED | UL CERTIFIED | NEMA 4X | UL HazLoc | DLC LISTED | RoHS compliant | Ex | IP66 | IK10

| | | |
|---|---|---|
| **Lumens** Up to 132 lxw | **6kV** Surge Protector | **VOLTS** 120-277 277-480 |
| **PF** >0.90 | **THD** <20% | 120° Beam Angle |
| **CCT** 3K-65K | **CRI** >80 | 100,000 |
| -40°C~55°C | **10 YEAR** Warranty | |

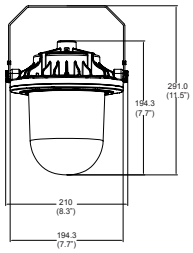
The HAZRH6™ Series round high bay, is a hazardous location family of fixtures suitable for use in a wide range of indoor and outdoor Class I Division 2 applications. Available in four options, HAZRH6™ Series can be used for ceiling, pendant, wall and surface applications, and replace traditional HID fixtures ranging from 100W to over 400W. The compact and low weight luminaires are safe and easy to use in harsh and hazardous locations where flammable, explosive vapors or gases are present. They are an ideal solution where long life and low maintenance are desired.

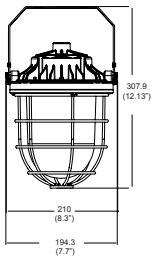
HAZRH6™ Series fixtures are built to protect, save and last longer. Fixture body made of ADC12 die casting aluminum ≤0.4% copper-free; all screws are 304 stainless steel, spherical prismatic lens cover is high borosilicate tempered glass, 8mm thickness. Wireguard made of SUS304 stainless steel with white powder painting, UL 1598A standard. State of the art HB driver, Samsung led chip SMD 2835 (0.5W); fixture entry is ¾". All components are painted with our exclusive Duratek™ polyester powder coat finish and applied by electrostatic process, for durability and corrosion protection.

HAZRH6™ Series delivers exceptional efficiency, performance and advanced engineering. Up to 132 lxw, standard 6KV standard protection, it lowers energy consumption while providing 100,000+ hours of running lamp life. It sets the bar even higher for the lighting industry in terms of shock resistance (IK10), cold start capabilities, minimal heat production which improves service life, and overall safety. Certified for Class I, Division 2, it provides global lighting solutions for a wide range of industrial and hazardous applications.

HAZRH6™ Series are certified for use in UL, cUL and complies with IEC hazardous locations, providing a single solution for applications around the world. These light fixtures are ideal for indoor and outdoor general area lighting in oil & gas refineries, drilling rigs, petrochemical plants, food and beverage facilities, and other industrial applications where flammable gases, vapors, dusts, fibers or flyings are present.

## Dimensions (mm)




with Wire Guard

## Ordering information

| Item | Watts | Voltage | Lumens | Item | Watts | Voltage | Lumens |
|---|---|---|---|---|---|---|---|
| AL570042 | 30w | 120-277 | 3900 | AL570042WG | 30w | 120-277 | 3660 |
| AL570043 | 60w | 120-277 | 7920 | AL570043WG | 60w | 120-277 | 7500 |

| CCT | |
|---|---|
| **Blank** | 5000K |
| **3** | 3000K |
| **4** | 4000K |
| **57** | 5700K |
| **65** | 6500K |

| Options | |
|---|---|
| **CE** | EU Certification |

## Notes

- Certified:
  30w=Class I, Division 2, Groups A, B, C, D, T4A
  60w=Class I, Division 2, Groups A, B, C, D, T4
- Complies with:
  Class II, Division 1, Groups E, F, G, T4A/T5
  Class II, Division 2, Groups E, F, G, T4A/T5
  Class III
- CE =100-240V
  Ex mb eb IIC T4 Gb / Ex tb IIIC T80/T95°C Db
- Lumens based on 6500K
- Lumens:
  30w = 130 lxw
  60w = 132 lxw
  With wire Guard:
  30w = 122 lxw
  60w = 125 lxw
- Lumen Tolerance: up to 10%
- 6500K= No DLC
- WG = Wire Guard
- SP = L/N-PE:10KV L-N:6KV
  150w (277-480V) = L/N-PE: 4KV, L-N: 4KV
- Housing Thickness = 1mm
- Paint Thickness = >90um
- Housing Color = JL078Z (RAL 7038)
- Glass Lens Thickness: 8mm
- Glass = IK07
- 100,000 hours life @ <Tc 70°C
- Salt Chamber Test: 1000 hours
- All fixture with a NW of ≥4.54 KG will include a Safety Cable

## Tests / Certificates:

- UL844
- UL8750
- UL1598
- UL1598A

EMC 2014/30/EU
- EN 55015:2013/A1:2015
- EN 61547:2009
- EN 6100-3-2:2014
- EN 61000-3-3:2013

LVD 2014/35/EU
- EN 60598-1:2015/AC:2016
- EN 60598-2-1:1989

- CSA22.2 No.137.0
- CSA22.2 No.250.0
- CSA22.2 No.250.13

Complies
- IEC 60079-0
- IEC 60079-7
- IEC 60079-18
- IEC 60079-31

## Packing information

| Model | Pieces / master | Box Dimensions (cm) | CBM (Master) | Gross weight (Kg) |
|---|---|---|---|---|
| 30w/60w with/without wireguard | 4 | 47 x 47 x 20.3 | 0.0448 | 16.3 |



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Product Information



# HAZRH7™

**Class I, Division 2, Groups A, B, C, D, T5**
**200w/240w/300w/400w**
**Power Selectable / Single CCT**
**Power Selectable / CCT Selectable**

CI D2 · MARINE-GRADE RATED · MARINE LOCATION SUITABLE · CERTIFIED · Intertek · DLC LISTED · RoHS compliant · Ex · IECEx · NEMA 4X · IP66 · IK10 · 10kV Surge Protector · Power Selectable · CCT Selectable · CCT 27K-65K · Lumens up to 165 lxw · Dim 0-10V · VOLTS 120-277 277-480 · 110° 60° Beam Angle · PF ≥0.90 · THD ≤20% · CRI >80 · 120,000 · -40°C~60°C · 10 YEAR Warranty

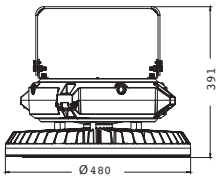
The HAZRH7™ Series LED round high bay is a robust fixture family designed for hazardous locations and certified for Class I, Division 2, Groups A, B, C, D, T5 environments. Engineered for versatility, the HAZRH7™ Series supports ceiling, pendant, wall, and surface mounting applications, offering a superior LED solution to replace traditional HID fixtures ranging from 100W to over 400W. Designed specifically for areas where flammable or explosive gases and vapors are present, these high bays deliver long life, low maintenance, and reliable performance in harsh indoor and outdoor environments.

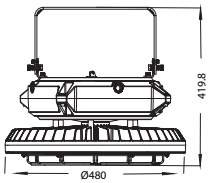
Built for endurance and performance, the HAZRH7™ housing is constructed from ADC12 die-cast aluminum (≤0.4% copper) to maximize corrosion resistance. All fasteners are 304 stainless steel, and each unit includes standard ¾" NPT entries for simplified installation. The flat lens is constructed from 6mm thick high borosilicate tempered glass, ensuring durability and impact resistance. An optional wire guard is available, made from SUS304 stainless steel and finished with a durable white powder coating. Every fixture complies with UL 1598A standards. At the core of each luminaire is a state-of-the-art IP67-rated Class P Sosen driver (Type HL for hazardous locations), delivering 10kV common-mode and 6kV differential-mode surge protection. High-performance Lumileds SMD 2835 LEDs ensure exceptional luminous efficacy and long-term reliability. The entire fixture is finished with Duratek™ polyester powder coating, applied electrostatically to withstand harsh, corrosive conditions.

The HAZRH7™ Series delivers industry-leading efficiency, performance, and reliability. Optional Power and CCT Selectable allows versatility. With efficacy up to 165 lumens per watt, it significantly reduces energy consumption while delivering up to 120,000 hours of operational life. Designed for extreme environments, it offers IK10-rated impact resistance, cold-start capability, and minimal heat generation, enhancing fixture longevity and safety. Certified for use in Class I, Division 2 areas, the HAZRH7™ Series sets a new benchmark for industrial lighting.

Fully ETL listed and compliant with IEC standards for hazardous locations, the HAZRH7™ Series offers a global solution for demanding applications. These fixtures are ideal for indoor and outdoor general area lighting in oil and gas refineries, drilling rigs, petrochemical plants, food and beverage facilities, and other industrial settings where flammable gases, vapors, dust, or fibers are present.

## Dimensions (mm)




with Wire Guard

## Ordering information

**Power Selectable / Single CCT**

| Item | Power Select | Lumens | CCT |
|---|---|---|---|
| AL570054 | 200w/150w/100w | 33000/24750/16500 | **Blank** 5000K |
| AL570055 | 240w/180w/120w | 39600/29700/19800 | **3** 3000K |
| AL570056 | 300w/225w/150w | 49500/37125/24750 | **4** 4000K |
| AL570057 | 400w/300w/200w | 66000/49500/33000 | **57** 5700K |
| | | | **65** 6500K |

| Beam | | Options | |
|---|---|---|---|
| **Blank** | 110° | **WG** | Wire Guard |
| **62** | 60° | **48** | 277-480V |
| | | **S** | 25° Stanchion Mount |

**CCT/Power Selectable**

| Item | Power | 3000K | 4000K | 5000K |
|---|---|---|---|---|
| AL570058 | 200w | 29200 | 32600 | 30800 |
| | 150w | 21900 | 24450 | 23100 |
| | 100w | 14600 | 16300 | 15400 |
| AL570059 | 240w | 35040 | 39120 | 36960 |
| | 180w | 26280 | 29340 | 27720 |
| | 120w | 17520 | 19560 | 18480 |
| AL570060 | 300w | 43800 | 48900 | 46200 |
| | 225w | 32850 | 36675 | 34650 |
| | 150w | 21900 | 24550 | 23100 |
| AL570061 | 400w | 58400 | 65200 | 61600 |
| | 300w | 43800 | 48900 | 46200 |
| | 200w | 29200 | 32600 | 30800 |

| Beam | | Options | |
|---|---|---|---|
| **Blank** | 110° | **WG** | Wire Guard |
| **62** | 60° | **48** | 277-480V |
| | | **S** | 25° Stanchion Mount |

## Notes

- Certified:
  200W,240W=Class I Division 2 Groups A, B, C,,D T5
  300W,400W=Class I Division 2 Groups A, B, C,,D T4A
- Ex mb eb IIC T4 Gb
  Ex tb IIIC T80/T95°C Db
- Complies with:
  Class II, Division 1, Groups E,F,G, T4A/T5
  Class II, Division 2 Groups E,F,G, T4A/T5
  Class III
  CE and ROHS
- 200w-400w = ETL

- Lumens Single CCT
  65K/57K/4K =up to 165 lxw
  3K = 159 lxw
  With wire guard
  65K/57K/4K =up to 155 lxw
  3K = 149 lxw
- 6500K= No DLC
- Lumen Tolerance: ±10%
- LED Chips = Lumileds 2835
- Driver Brand = SOSEN
  Type HL suitable for Hazardous Locations
  IP67 / Class P

- Lumens CCT Select
  3K 146 lxw
  4K 163 lxw
  5K 154 lxw
  With wire guard
  3K 137 lxw
  4K 153 lxw
  5K 145 lxw

- SP = L/N-PE: 10KV L-N: 6KV
- Beam:
  110° = Glass Only
  60° = PC & Glass Lens
- Housing Thickness = >0.5mm
- Paint Thickness = 120μm
- Housing Color = JL078Z
- PC Lens Thickness: 2-4.5mm
- IK08 Glass Lens Thickness: 6mm
- 120,000 hours life @ <Tc 70°C
- Salt Chamber Test: 1000 hours
- All fixture with a NW of ≥4.54 KG will include a Safety Cable

## Tests / Certificates:

- CSA22.2 No.137.0
- CSA22.2 No.250.0
- CSA C22.2 No.250.13

Complies with:

EMC
- EN IEC 55015:2019/A11:2020
- EN 61547:2009
- EN IEC 61000-3-2:2019/A1:2021
- EN 61000-3-3:2013/A3:2021

LVD
- EN IEC 60598-2-1:2021
- EN IEC 60598-1:2021/A11:2022
- EN 62493:2015/A1:2022

- IEC 60079-0
- IEC 60079-7
- IEC 60079-18
- IEC 60079-31

## Packing information

| Model | Pieces / master | Box Dimensions (cm) | CBM (Master) | Gross weight (Kg) |
|---|---|---|---|---|
| 200w/240w/300w/400w | 1 | 53 x 53 x 26 | 0.0730 | 18/18.8/19.2/20.4 |

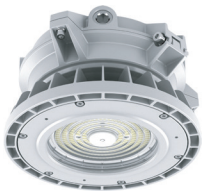


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Product Information

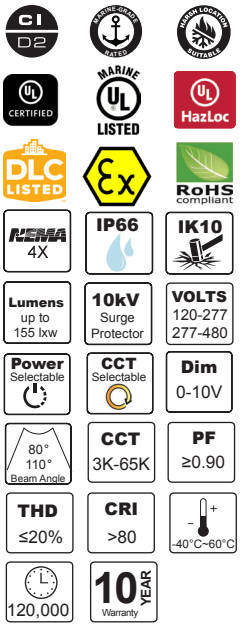
# HAZRH8™

## Class I, Division 2, Groups A, B, C, D, T4/T4A/T5
## 30w/60w/80w/100w150w/200w
## Single CCT / Power & CCT Selectable





B9 Spherical Glass




The HAZRH8™ Series LED round high bay is a robust fixture family designed for hazardous locations and certified for Class I, Division 2, Groups A, B, C, DT4,T4A, T5 environments. Engineered for versatility, the HAZRH8™ Series supports ceiling, pendant, wall, and surface mounting applications, offering a superior LED solution to replace traditional HID fixtures ranging from 100W to over 400W. Designed specifically for areas where flammable or explosive gases and vapors are present, these high bays deliver long life, low maintenance, and reliable performance in harsh indoor and outdoor environments.

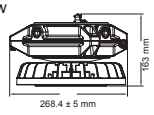
Built for endurance and performance, the HAZRH8™ housing is constructed from ADC12 die-cast aluminum (≤0.4% copper) to maximize corrosion resistance. All fasteners are 304 stainless steel, and each unit includes standard ¾" NPT entries for simplified installation. The flat lens is constructed from 6mm thick high borosilicate tempered glass, ensuring durability and impact resistance. An optional wire guard is available, made from SUS304 stainless steel and finished with a durable white powder coating. Every fixture complies with UL 1598A standards. At the core of each luminaire is a state-of-theart IP67-rated Class P Sosen driver (Type HL for hazardous locations), delivering 10kV common-mode and 6kV differential-mode surge protection. High-performance Lumileds SMD 2835 LEDs ensure exceptional luminous efficacy and long-term reliability. The entire fixture is finished with Duratek™ polyester powder coating, applied electro-statically to withstand harsh, corrosive conditions.

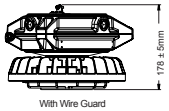
The HAZRH8™ Series delivers industry-leading efficiency, performance, and reliability. Optional Power and CCT Selectable allows versatility. With efficacy up to 155 lumens per watt, it significantly reduces energy consumption while delivering up to 120,000 hours of operational life. Designed for extreme environments, it offers IK10-rated impact resistance, cold-start capability, and minimal heat generation, enhancing fixture longevity and safety. Certified for use in Class I, Division 2 areas, the HAZRH8™ Series sets a new benchmark for industrial lighting.

Fully UL listed and compliant with IEC standards for hazardous locations, the HAZRH8™ Series offers a global solution for demanding applications. These fixtures are ideal for indoor and outdoor general area lighting in oil and gas refineries, drilling rigs, petrochemical plants, food and beverage facilities, and other industrial settings where flammable gases, vapors, dust, or fibers are present.

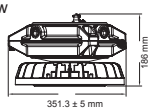
## Dimensions (mm)

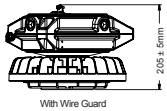
30w-80w




100w-200w




## Ordering information

**Single Power / CCT**

| Item | Watts | Lumens | CCT | Beam | Mount Options | Options | Accessories |
|---|---|---|---|---|---|---|---|
| AL570067 | 30w | 4650 | **Blank** 5000K | **Blank** 110° | **Blank** Suspended | **48** 277-480V | AL578000 Light Shield 25° |
| AL570068 | 60w | 9300 | **3** 3000K | **B8** 80° | **U** U - Bracket | **CE** EU Certification | AL578001 Light Shield 90° |
| AL570069 | 80w | 12400 | **4** 4000K | **B9** 120° | **CL** Surface Box | **WG** Wire Guard | |
| AL570070 | 100w | 15500 | **57** 5700K | | **W1** Wall mount 25° | | |
| AL570071 | 150w | 23250 | **65** 6500K | | **W2** Wall mount 45° | | |
| AL570072 | 200w | 31000 | | | **W3** Wall mount 60° | | |
| | | | | | **W4** Wall mount 90° | | |

**Mount Options (continued)**

| | | | |
|---|---|---|---|
| **S1** | Stanchion mount 25° | **CM** | Ceiling mount |
| **S2** | Stanchion mount 45° | | |
| **S3** | Stanchion mount 60° | | |
| **S4** | Stanchion mount 90° | | |

**Power & CCT Selectable**

| Item | Watts | CCT | Lumens | Beam | Mount Options | Options | Accessories |
|---|---|---|---|---|---|---|---|
| AL570073 | 30w | 35K/4K/5K | 3900/4500/4050 | **Blank** 110° | **Blank** Suspended | **48** 277-480V | AL578000 Light Shield 25° |
| | 23w | 35K/4K/5K | 2990/3565/3105 | **B8** 80° | **U** U - Bracket | **CE** EU Certification | AL578001 Light Shield 90° |
| | 16w | 35K/4K/5K | 1080/2480/2160 | **B9** 120° | **CL** Surface Box | **WG** Wire Guard | |
| AL570074 | 60w | 35K/4K/5K | 7800/9300/8100 | | **W1** Wall mount 25° | | |
| | 45w | 35K/4K/5K | 5850/6975/6075 | | **W2** Wall mount 45° | | |
| | 30w | 35K/4K/5K | 3900/4650/4050 | | **W3** Wall mount 60° | | |
| AL570075 | 80w | 35K/4K/5K | 10400/12400/10800 | | **W4** Wall mount 90° | | |
| | 60w | 35K/4K/5K | 7800/9300/8100 | | | | |
| | 40w | 35K/4K/5K | 5200/6200/5400 | | | | |
| AL570076 | 100w | 35K/4K/5K | 13000/15500/13500 | | | | |
| | 75w | 35K/4K/5K | 9750/11625/10125 | | | | |
| | 50w | 35K/4K5K | 6500/7750/6750 | | | | |
| AL570077 | 150w | 35K/4K/5K | 19500/23250/20250 | | | | |
| | 113w | 35K/4K/5K | 14690/17515/15255 | | | | |
| | 75w | 35K/4K/5K | 9750/11625/27000 | | | | |
| AL570078 | 200w | 35K/4K/5K | 26000/31000/27000 | | | | |
| | 150w | 35K/4K/5K | 19500/23250/20250 | | | | |
| | 100w | 35K/4K/5K | 13000/15500/13500 | | | | |

**Mount Options (continued)**

| | | | |
|---|---|---|---|
| **S1** | Stanchion mount 25° | **CM** | Ceiling mount |
| **S2** | Stanchion mount 45° | | |
| **S3** | Stanchion mount 60° | | |
| **S4** | Stanchion mount 90° | | |

## Notes

- Certified:
  Class I, Division 2, Groups A, B, C, D, T4, T4A, T5
- Complies with:
  Class II, Division 1, Groups E, F, G, T4A/T4A/T5
  Class II, Division 2, Groups E, F, G, T4A/T4A/T5
  Class III
- Ex mb eb IIC T4 GbEN 60079-31
- Working temp.:
  30w/100w = -40° to 60°
  60w-200w = -40° to 55°

- Lumens for Single CCT:
  4K /5K/ 57K/ 65K up to 155 lxw
  3K up to 150 lxw
- Lumens for Power & CCT Selectable:
  35K up to 130 lxw
  4K up to 155 lxw
  5K up to 135 lxw
- Lumen Tolerance: ±10%
- 6500K= No DLC

- LED Chips: Lumileds 2835
- Drivers = Sossen IP67
- SP =L/N-PE:10KV L-N:6KV
- 120,000 hours life @ Tc 65°C
- Salt Chamber Test: 1000 hrs
- Suspended mount for NPT 3/4" conduit
- Beam:
  110° = Clear Glass
  B8 = 80° = Clear Glass + PC Lens
  B9 = 120° = Clear Striped Spherical Glass

- Aluminum Alloy Housing
  Thickness = >2mm
- Lens:
  Glass Thickness = 15mm
  PC Thickness = 1.5mm
- Paint Thickness = 60-120µm
- Housing Color = JL 078Z (RAL 7038)
- Mounting Brackets are pre-installed
- All fixture with a NW of ≥4.54 KG will include a Safety Cable

## Tests / Certificates:

- C1D2 Groups A,B,C,D,T4/T4A/T5
- UL844
- UL8750
- UL1598
- UL1598A

EMC 2014/30/EU
- EN 55015:2013/A1:2015
- EN 61547:2009
- EN 6100-3-2:2014
- EN 61000-3-3:2013

LVD 2014/35/EU
- EN 60598-1:2015/AC:2016
- EN 60598-2-1:1989

- CSA22.2 No.137.0
- CSA22.2 No.250.0
- CSA22.2 No.250.13

Complies
- IEC 60079-0
- IEC 60079-7
- IEC 60079-18
- IEC 60079-31

30w = No T4

## Packing information

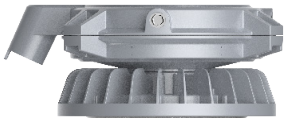
| Model | Pieces / master | Box Dimensions (cm) | CBM (Master) | Gross weight (Kg) |
|---|---|---|---|---|
| 30w-80w Clear Glass | 2 | 36.5 x 32.5 x 23.4 | 0.0277 | |
| 30w-80w Spherical Glass | 2 | 36.5 x 32.5 x 27 | 0.0320 | |
| 100w-200w Clear Glass | 1 | 45 x 40.5 x x 26.7 | 0.0126 | |
| 100w-200w Spherical Glass | 1 | 45 x 40.5 x 30.2 | 0.0550 | |



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Product Information

# HAZST8™



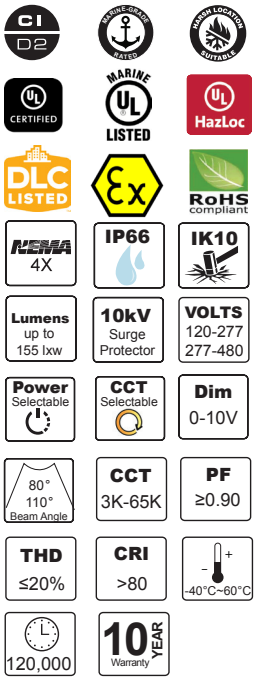
## Class I, Division 2, Groups A, B, C, D, T4/T4A/T5
## 30w/60w/80w/100w150w/200w
## Single CCT / Power & CCT Selectable

The HAZST8™ Series LED round high bay is a robust fixture family designed for hazardous locations and certified for Class I, Division 2, Groups A, B, C, DT4,T4A, T5 environments. Engineered for versatility, the HAZST8™ Series supports ceiling, pendant, wall, and surface mounting applications, offering a superior LED solution to replace traditional HID fixtures ranging from 100W to over 400W. Designed specifically for areas where flammable or explosive gases and vapors are present, these high bays deliver long life, low maintenance, and reliable performance in harsh indoor and outdoor environments.

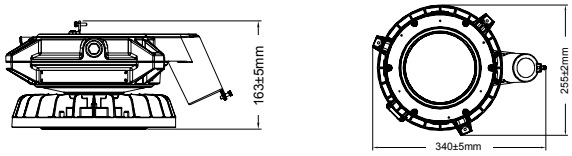
Built for endurance and performance, the HAZST8™ housing is constructed from ADC12 die-cast aluminum (≤0.4% copper) to maximize corrosion resistance. All fasteners are 304 stainless steel, and each unit includes standard ¾" NPT entries for simplified installation. The flat lens is constructed from 6mm thick high borosilicate tempered glass, ensuring durability and impact resistance. An optional wire guard is available, made from SUS304 stainless steel and finished with a durable white powder coating. Every fixture complies with UL 1598A standards. At the core of each luminaire is a state-of-theart IP67-rated Class P Sosen driver (Type HL for hazardous locations), delivering 10kV common-mode and 6kV differential-mode surge protection. High-performance Lumileds SMD 2835 LEDs ensure exceptional luminous efficacy and long-term reliability. The entire fixture is finished with Duratek™ polyester powder coating, applied electro-statically to withstand harsh, corrosive conditions.

The HAZST8™ Series delivers industry-leading efficiency, performance, and reliability. Optional Power and CCT Selectable allows versatility. With efficacy up to 155 lumens per watt, it significantly reduces energy consumption while delivering up to 120,000 hours of operational life. Designed for extreme environments, it offers IK10-rated impact resistance, cold-start capability, and minimal heat generation, enhancing fixture longevity and safety. Certified for use in Class I, Division 2 areas, the HAZST8™ Series sets a new benchmark for industrial lighting.

Fully UL listed and compliant with IEC standards for hazardous locations, the HAZST8™ Series offers a global solution for demanding applications. These fixtures are ideal for indoor and outdoor general area lighting in oil and gas refineries, drilling rigs, petrochemical plants, food and beverage facilities, and other industrial settings where flammable gases, vapors, dust, or fibers are present.




## Dimensions (mm)




## Ordering information

**Single Power / CCT**

| Item | Watts | Lumens | CCT | Beam | Mount Options | Options | Accessories |
|---|---|---|---|---|---|---|---|
| AL570085 | 30w | 4650 | **Blank** 5000K | **Blank** 110° | **S1** Stanchion mount 25° | **48** 277-480V | AL578000 Light Shield 25° |
| AL570086 | 60w | 9300 | **3** 3000K | **B8** 80° | **S2** Stanchion mount 45° | **CE** EU Certification | AL578001 Light Shield 90° |
| AL570087 | 80w | 12400 | **4** 4000K | **B9** 120° | **S3** Stanchion mount 60° | **WG** Wire Guard | |
| AL570088 | 100w | 15500 | **57** 5700K | | **S4** Stanchion mount 90° | | |
| AL570089 | 150w | 23250 | **65** 6500K | | | | |
| AL570090 | 200w | 31000 | | | | | |

**Power & CCT Selectable**

| Item | Watts | CCT | Lumens | Beam | Mount Options | Options | Accessories |
|---|---|---|---|---|---|---|---|
| AL570091 | 30w | 35K/4K/5K | 3900/4500/4050 | **Blank** 110° | **S1** Stanchion mount 25° | **48** 277-480V | AL578000 Light Shield 25° |
| | 23w | 35K/4K/5K | 2990/3565/3105 | **B8** 80° | **S2** Stanchion mount 45° | **CE** EU Certification | AL578001 Light Shield 90° |
| | 16w | 35K/4K/5K | 1080/2480/2160 | **B9** 120° | **S3** Stanchion mount 60° | **WG** Wire Guard | |
| AL570092 | 60w | 35K/4K/5K | 7800/9300/8100 | | **S4** Stanchion mount 90° | | |
| | 45w | 35K/4K/5K | 5850/6975/6075 | | | | |
| | 30w | 35K/4K/5K | 3900/4650/4050 | | | | |
| AL570093 | 80w | 35K/4K5K | 10400/12400/10800 | | | | |
| | 60w | 35K/4K/5K | 7800/9300/8100 | | | | |
| | 40w | 35K/4K/5K | 5200/6200/5400 | | | | |
| AL570094 | 100w | 35K/4K/5K | 13000/15500/13500 | | | | |
| | 75w | 35K/4K/5K | 9750/11625/10125 | | | | |
| | 50w | 35K/4K/5K | 6500/7750/6750 | | | | |
| AL570095 | 150w | 35K/4K/5K | 19500/23250/20250 | | | | |
| | 113w | 35K/4K/5K | 14690/17515/15255 | | | | |
| | 75w | 35K/4K/5K | 9750/11625/27000 | | | | |
| AL570096 | 200w | 35K/4K/5K | 26000/31000/27000 | | | | |
| | 150w | 35K/4K/5K | 19500/23250/20250 | | | | |
| | 100w | 35K/4K/5K | 13000/15500/13500 | | | | |

## Notes

- Certified:
  Class I, Division 2, Groups A, B, C, D, T4, T4A, T5
- Complies with:
  Class II, Division 1, Groups E, F, G, T4A/T4A/T5
  Class II, Division 2, Groups E, F, G, T4A/T4A/T5
  Class III
- Ex mb eb IIC T4 GbEN 60079-31
- Lumens for Single CCT:
  4K /5K/ 57K/ 65K up to 155 lxw
  3K up to 150 lxw
- Lumens for Power & CCT Selectable:
  35K up to 130 lxw
  4K up to 155 lxw
  5K up to 135 lxw
- Lumen Tolerance: ±10%
- 6500K= No DLC
- Working temp.:
  30w/100w = -40° to 60°
  60w-200w = -40° to 55°
- LED Chips: Lumileds 2835
- Drivers = Sossen IP67
- SP =L/N-PE:10KV L-N:6KV
- 120,000 hours life @ Tc 65°C
- Salt Chamber Test: 1000 hrs
- Suspended mount for NPT 3/4" conduit
- Beam:
  110° = Clear Glass
  B8 = 80° = Clear Glass + PC Lens
  B9 = 120° = Clear Striped Spherical Glass
- Aluminum Alloy Housing Thickness = >2mm
- Lens:
  Glass Thickness = 15mm
  PC Thickness = 1.5mm
- Paint Thickness = 60-120µm
- Housing Color = JL 078Z (RAL 7038)
- All fixture with a NW of ≥4.54 KG will include a Safety Cable

## Tests / Certificates:

- C1D2 Groups A,B,C,D,T4/T4A/T5
- UL844
- UL8750
- UL1598
- UL1598A

EMC 2014/30/EU
- EN 55015:2013/A1:2015
- EN 61547:2009
- EN 6100-3-2:2014
- EN 61000-3-3:2013

LVD 2014/35/EU
- EN 60598-1:2015/AC:2016
- EN 60598-2-1:1989

- CSA22.2 No.137.0
- CSA22.2 No.250.0
- CSA22.2 No.250.13

Complies
- IEC 60079-0
- IEC 60079-7
- IEC 60079-18
- IEC 60079-31

30w = No T4

## Packing information

| Model | Pieces / master | Box Dimensions (cm) | CBM (Master) | Gross weight (Kg) |
|---|---|---|---|---|
| 30w-80w Clear Glass | 2 | | | |
| 30w-80w Spherical Glass | 2 | | | |
| 100w-200w Clear Glass | 1 | | | |
| 100w-200w Spherical Glass | 1 | | | |



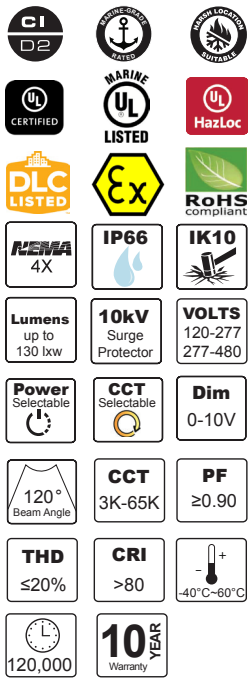
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Product Information



# HAZRH9™

## Class I, Division 2, Groups A, B, C, D, T4/T4A/T5
## 30w/60w/80w
## Single CCT / Power & CCT Selectable



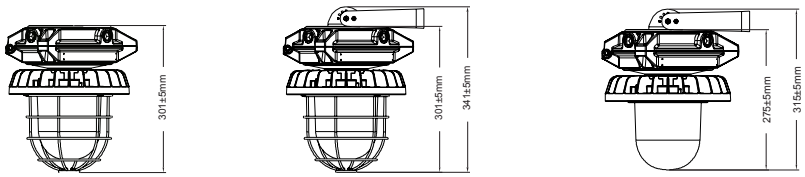

The HAZRH9™ Series LED round high bay is a robust fixture family designed for hazardous locations and certified for Class I, Division 2, Groups A, B, C, DT4,T4A, T5 environments. Engineered for versatility, the HAZRH9™ Series supports ceiling, pendant, wall, and surface mounting applications, offering a superior LED solution to replace traditional HID fixtures ranging from 100W to over 400W. Designed specifically for areas where flammable or explosive gases and vapors are present, these high bays deliver long life, low maintenance, and reliable performance in harsh indoor and outdoor environments.

Built for endurance and performance, the HAZRH9™ housing is constructed from ADC12 die-cast aluminum (≤0.4% copper) to maximize corrosion resistance. All fasteners are 304 stainless steel, and each unit includes standard ¾" NPT entries for simplified installation. The flat lens is constructed from 6mm thick high borosilicate tempered glass, ensuring durability and impact resistance. An optional wire guard is available, made from SUS304 stainless steel and finished with a durable powder coating. Every fixture complies with UL 1598A standards. At the core of each luminaire is a state-of-the-art IP67-rated Class P Sosen driver (Type HL for hazardous locations), delivering 10kV common-mode and 6kV differential-mode surge protection. High-performance Lumileds SMD 2835 LEDs ensure exceptional luminous efficacy and long-term reliability. The entire fixture is finished with Duratek™ polyester powder coating, applied electro-statically to withstand harsh, corrosive conditions.

The HAZRH9™ Series delivers industry-leading efficiency, performance, and reliability. Optional Power and CCT Selectable allows versatility. With efficacy up to 130 lumens per watt, it significantly reduces energy consumption while delivering up to 120,000 hours of operational life. Designed for extreme environments, it offers IK10-rated impact resistance, cold-start capability, and minimal heat generation, enhancing fixture longevity and safety. Certified for use in Class I, Division 2 areas, the HAZRH9™ Series sets a new benchmark for industrial lighting.

Fully UL listed and compliant with IEC standards for hazardous locations, the HAZRH9™ Series offers a global solution for demanding applications. These fixtures are ideal for indoor and outdoor general area lighting in oil and gas refineries, drilling rigs, petrochemical plants, food and beverage facilities, and other industrial settings where flammable gases, vapors, dust, or fibers are present.

## Dimensions (mm)




## Ordering information

**Single Power / CCT**

| Item | Watts | Lumens | CCT |
|---|---|---|---|
| AL570079 | 30w | 3900 | **Blank** 5000K |
| AL570080 | 60w | 7800 | **3** 3000K |
| AL570081 | 80w | 10400 | **4** 4000K |
| | | | **57** 5700K |
| | | | **65** 6500K |

**Mount Options**

| | | | |
|---|---|---|---|
| **Blank** | Suspended | **S1** | Stanchion mount 25° |
| **U** | U - Bracket | **S2** | Stanchion mount 45° |
| **CL** | Surface Box | **S3** | Stanchion mount 60° |
| **W1** | Wall mount 25° | **S4** | Stanchion mount 90° |
| **W2** | Wall mount 45° | **CM** | Ceiling mount |
| **W3** | Wall mount 60° | | |
| **W4** | Wall mount 90° | | |

**Options**

| | |
|---|---|
| **WG** | Wire Guard |
| **48** | 277-480V |
| **CE** | EU Certification |

**Power & CCT Selectable**

| Item | Watts | CCT | Lumens |
|---|---|---|---|
| AL570082 | 30w | 35K/4K/5K | 3150/3750/3300 |
| | 23w | 35K/4K/5K | 2415/2875/2530 |
| | 16w | 35K/4K/5K | 1680/2000/1760 |
| AL570083 | 60w | 35K/4K/5K | 6300/7500/6600 |
| | 45w | 35K/4K/5K | 4725/5625/4950 |
| | 30w | 35K/4K/5K | 3150/3750/3300 |
| AL570084 | 80w | 35K/4K/5K | 8400/10000/8800 |
| | 60w | 35K/4K/5K | 6300/7500/6600 |
| | 40w | 35K/4K/5K | 4200/5000/4400 |

**Mount Options**

| | | | |
|---|---|---|---|
| **Blank** | Suspended | **S1** | Stanchion mount 25° |
| **U** | U - Bracket | **S2** | Stanchion mount 45° |
| **CL** | Surface Box | **S3** | Stanchion mount 60° |
| **W1** | Wall mount 25° | **S4** | Stanchion mount 90° |
| **W2** | Wall mount 45° | **CM** | Ceiling mount |
| **W3** | Wall mount 60° | | |
| **W4** | Wall mount 90° | | |

**Options**

| | |
|---|---|
| **WG** | Wire Guard |
| **48** | 277-480V |
| **CE** | EU Certification |

## Notes

- Certified:
  Class I, Division 2, Groups A, B, C, D, T4, T4A, T5
- Complies with:
  Class II, Division 1, Groups E, F, G, T4A/T4A/T5
  Class II, Division 2, Groups E, F, G, T4A/T4A/T5
  Class III
- Ex mb eb IIC T4 GbEN 60079-31
- Working temp.:
  30w = -40° to 60°
  60w / 80w = -40° to 55°
- Lumens for Single CCT:
  4K/5K/65K= 130 lxw
  3K 124 lxw
- Lumens for Power & CCT Selectable:
  35K = 105 lxw
  4K = 125 lxw
  5K = 110 lxw
- Lumen Tolerance: ±10%
- 6500K= No DLC
- LED Chips: Lumileds 2835
- Drivers = Sossen IP67
- SP =L/N-PE:10KV L-N:6KV
- 120,000 hours life @ Tc 65°C
- Salt Chamber Test: 1000 hrs
- Suspended mount for NPT 3/4" conduit
- Aluminum Alloy Housing Thickness = >2mm
- Lens:
  Glass Thickness = 15mm
  PC Thickness = 1.5mm
- Paint Thickness = 60-120µm
- Housing Color = JL 078Z (RAL 7038)
- Mounting Brackets are pre-installed
- All fixture with a NW of ≥4.54 KG will include a Safety Cable

## Tests / Certificates:

- C1D2 Groups A,B,C,D,T4/T4A/T5
- UL844
- UL8750
- UL1598
- UL1598A

EMC 2014/30/EU
- EN 55015:2013/A1:2015
- EN 61547:2009
- EN 6100-3-2:2014
- EN 61000-3-3:2013

LVD 2014/35/EU
- EN 60598-1:2015/AC:2016
- EN 60598-2-1:1989

- CSA22.2 No.137.0
- CSA22.2 No.250.0
- CSA22.2 No.250.13

Complies
- IEC 60079-0
- IEC 60079-7
- IEC 60079-18
- IEC 60079-31

30w = No T4

## Packing information

| Model | Pieces / master | Box Dimensions (cm) | CBM (Master) | Gross weight (Kg) |
|---|---|---|---|---|
| 30w-80w | 2 | 34.5 x 32.5 x 38 | 0.0426 | |



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Product Information

# HAZLH1™



## Class I, Division 2, Groups A, B, C, D, T4A/T5
## 40w / 80w / 120w

HAZLH1™ Linear High Bay Series is the ideal solution for high vibration, impact and hose down applications in Class I hazardous locations.

The HAZLH1™ Series is a linear LED luminaire engineered to stand up to the toughest operating conditions in Class I Division 2 environments such as petroleum refineries and grain processing facilities. A slim and lightweight profile and variety of mounting options enable this long-lasting, high-performance fixture to address virtually any lighting need in harsh and hazardous locations.

HAZLH1™ Series is designed for use in heavy industrial locations. It provides comfortable, uniform illumination in a lightweight, low profile design that comes in three lumen packages and 6 different beam patterns, delivering just the right amount of work plane brightness.

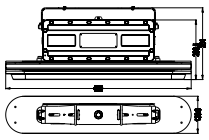
HAZLH1™ Series fixtures are built to protect, save and last longer. Fixture body made of AL6063-T5 extrusion aluminum<0.1% copper-free, driver box made of ADC12 die casting aluminum ≤0.4% copper-free. All screws are 304 stainless steel, flat lens cover is high borosilicate tempered glass, 6 mm thickness. Wireguard (optional) made of SUS304 stainless steel with white powder painting, UL 1598A standard. State of the art Sosen driver, Samsung led chip SMD 2835 (0.5W); All components are painted with our exclusive Duratek™ polyester powder coat finish and applied by electrostatic process, for durability and corrosion protection.

HAZLH1™ Series are certified for use in UL, cUL and complies with IEC hazardous locations, providing a single solution for applications around the world. Oil and gas refineries, petrochemical facilities, food and beverage facilities, platforms, loading docks, tunnels, outdoor wall and stanchion mounted general area lighting, and where flammable vapors, gases, ignitable dusts, fibers or flyings are present.

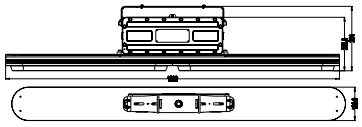
CI D2 · MARINE LISTED · CERTIFIED · NEMA 4X · HazLoc · DLC LISTED · RoHS compliant · Ex · IP66 · IK10 · Dim 0-10V · Lumens Up to 140 lxw · 10kV Surge Protector · VOLTS 100-277 277-480 · PF >0.90 · THD <20% · 80° Beam Angle · CRI >80 · 100,000 · -40°C~65°C · 10 YEAR Warranty

## Dimensions (mm)

40w



80w/120w



## Ordering information

| Item | Watts | Voltage | Lumens |
|---|---|---|---|
| AL570009 | 40w | 100-277 | 5600 |
| AL570010 | 80w | 100-277 | 11200 |
| AL570011 | 80w | 277-480 | 11200 |
| AL570012 | 120w | 100-277 | 16800 |
| AL570009WG | 40w | 100-277 | 5400 |
| AL570010WG | 80w | 100-277 | 10800 |
| AL570011WG | 80w | 277-480 | 10800 |
| AL570012WG | 120w | 100-277 | 16300 |

| CCT | |
|---|---|
| **Blank** | 5000K |
| **3** | 3000K |
| **4** | 4000K |
| **57** | 5700K |
| **65** | 6500K |

| Beam | |
|---|---|
| **Blank** | 80° |
| **B2** | 20° |
| **B3** | 30° |
| **B5** | 35° |
| **B6** | 60° |
| **B10** | 100°x110° |

| Options | |
|---|---|
| **CE** | EU Certification |

## Notes

- Certified:
  40w=Class I, Division 2, Groups A, B, C, D, T4A
  80w/120w= Class I, Division 2, Groups A, B, C, D, T5
- Complies with:
  Class II, Division 1, Groups E, F, G, T4A/T5
  Class II, Division 2, Groups E, F, G, T4A/T5
  Class III
- CE =100-240V
  Ex mb eb IIC T4 Gb / Ex tb IIIC T80/T95°C Db
- DLC for 80°, 6500K= No DLC
- Housing=IK10 Glass=IK08
- Beam 60° & 90° 130lxw
  3000K: 8% less
- Housing Color = JL078Z (RAL 7038)
- WG = Wire Guard
- 100,000 hours life @ <Tc 70°C
- Salt Chamber Test: 1000 hours
- All fixture with a NW of ≥4.54 KG will include a Safety Cable

## Tests / Certificates:

- UL844
- UL8750
- UL1598
- UL1598A

EMC 2014/30/EU
- EN 55015:2013/A1:2015
- EN 61547:2009
- EN 6100-3-2:2014
- EN 61000-3-3:2013

LVD 2014/35/EU
- EN 60598-1:2015/AC:2016
- EN 60598-2-1:1989

- CSA22.2 No.137.0
- CSA22.2 No.250.0
- CSA22.2 No.137.13

Complies
- IEC 60079-0
- IEC 60079-7
- IEC 60079-18
- IEC 60079-31

## Packing information

| Model | Pieces / master | Box Dimensions (cm) | CBM (Master) | Gross weight (Kg) |
|---|---|---|---|---|
| 40w | 1 | 76 x 22 x 30.5 | 0.0509 | 12.5 |
| 80w/120w | 1 | 141 x 22 x 30.5 | 0.0946 | 19.5 |



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Product Information

# HAZLH2™

## Class I, Division 2, Groups A, B, C, D
## 40w / 80w / 120w / 200w



CI D2 · Marine Grade Rated · Marine Location Suitable · Marine UL Listed · UL Certified · NEMA 4X · UL HazLoc · DLC Listed · RoHS compliant · Ex · IP66 · IK10 · Dim 0-10V · Lumens Up to 165 lxw · 10kV Surge Protector · VOLTS 120-277 277-480 · PF ≥0.90 · THD ≤20% · 80° 110° Beam Angle · CRI >80 · 100,000 · -40°C~65°C · 10 YEAR Warranty

HAZLH2™ Linear High Bay Series is the ideal solution for high vibration, impact and hose down applications in Class I hazardous locations.

The HAZLH2™ Series is a linear LED luminaire engineered to stand up to the toughest operating conditions in Class I Division 2 environments such as petroleum refineries and grain processing facilities. A slim and lightweight profile and variety of mounting options enable this long-lasting, high-performance fixture to address virtually any lighting need in harsh and hazardous locations.

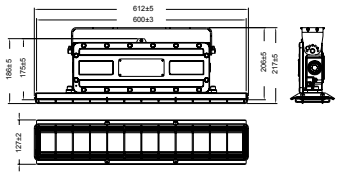
HAZLH2™ Series is designed for use in heavy industrial locations. It provides comfortable, uniform illumination in a lightweight, low profile design that comes in three lumen packages and 2 different beam patterns, delivering just the right amount of work plane brightness.

HAZLH2™ Series fixtures are built to protect, save and last longer. Fixture body made of AL6063-T5 extrusion aluminum <0.1% copper-free; driver box made of ADC12 die casting aluminum 1.57% copper. All screws are 304 stainless steel, flat lens cover is PC. Wireguard (optional) made of SUS304 stainless steel with white powder painting, UL 1598A standard. State of the art Sosen driver, Lumileds led chip SMD 2835 (1W). All components are painted with our exclusive Duratek™ polyester powder coat finish and applied by electrostatic process, for durability and corrosion protection.

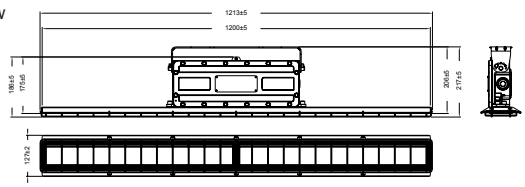
HAZLH2™ Series are certified for use in UL, cUL and complies with IEC hazardous locations, providing a single solution for applications around the world. Oil and gas refineries, petrochemical facilities, food and beverage facilities, platforms, loading docks, tunnels, outdoor wall and stanchion mounted general area lighting, and where flammable vapors, gases, ignitable dusts, fibers or flyings are present.

## Dimensions (mm)

40w



80w/200w



## Ordering information

| Item | Watts | Voltage | Lumens |
|---|---|---|---|
| AL570046 | 40w | 120-277 | 6600 |
| AL570047 | 80w | 120-277 | 13200 |
| AL570048 | 80w | 277-480 | 13200 |
| AL570049 | 120w | 120-277 | 19200 |
| AL570062 | 120w | 277-480 | 19200 |
| AL570063 | 200w | 120-277 | 33000 |
| AL570064 | 200w | 277-480 | 33000 |
| AL570046WG | 40w | 120-277 | 6200 |
| AL570047WG | 80w | 120-277 | 12400 |
| AL570048WG | 80w | 277-480 | 12400 |
| AL570049WG | 120w | 120-277 | 18600 |
| AL570062WG | 120w | 277-480 | 18600 |
| AL570063WG | 200w | 120-277 | 31000 |
| AL570064WG | 200w | 277-480 | 31000 |

| CCT | |
|---|---|
| **Blank** | 5000K |
| **3** | 3000K |
| **4** | 4000K |
| **57** | 5700K |
| **65** | 6500K |

| Beam | |
|---|---|
| **Blank** | 80° |
| **B10** | 110° |

## Notes

- Certified:
  40w/80w/120w 120-277V= Class I, Division 2, Groups A, B, C, D. T4A
  200w 120-277V/277-480V=Class I, Division 2, Groups A, B, C, D. T4A
  80w/120w 277-480V= Class I, Division 2, Groups A, B, C, D. T5
- Complies with:
  Class II, Division 1, Groups E, F, G, T4/T4A/T5
  Class II, Division 2, Groups E, F, G, T4/T4A/T5
  Class III
- CE =100-240V
  Ex mb eb IIC T4 Gb / EN 60079-31
- Lumens = Up to 165 lxw
  With wire Guard = up to 155 lxw
- All lumens per watt same for 4K/5K/57K/65K, 3000K 8% less
- Lumen Tolerance: ±10%
- SP = L/N-PE:10KV L-N:6KV
- WG = Wire Guard
- 100,000 hours life @ <Tc 70°C
- Salt Chamber Test: 1000 hours
- All fixture with a NW of ≥4.54 KG will include a Safety Cable
- Housing = IK10
- Housing Thickness: 1.5-10.5mm
- Lens:
  110° = IK10
  80° = IK09
- PC Lens Thickness:
  110° = 2.5-7.5mm
  80° = 1.8-7.5mm
- Paint Thickness = 60-120µm
- Housing Color = JL078Z (RAL 7038)

## Tests / Certificates:

- UL844
- UL8750
- UL1598
- UL1598A
- CSA22.2 No.137.0
- CSA22.2 No.250.0
- CSA22.2 No.137.13

Complies
- IEC 60079-0
- IEC 60079-7
- IEC 60079-18
- IEC 60079-31

## Packing information

| Model | Pieces / master | Box Dimensions (cm) | CBM (Master) | Gross weight (Kg) |
|---|---|---|---|---|
| 40w | 1 | 76 x 22 x 30.5 | 0.0509 | 8.6 |
| 80w/120w/200w | 1 | 141 x 22 x 30.5 | 0.0946 | 12.5 |



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Product Information



# HAZFQ1™

## Class I, Division 2, Groups A, B, C, D, T4/T4A/T5
## 30w/60w/100w/150w
## 200w/240w/300w/400w

The HAZFQ1™ floodline, is an explosion proof led fixture suitable for use in a wide range of indoor and outdoor Class I Division 2 applications.

Available in four options, HAZFQ1™ Series can be used for ceiling, pendant, wall and surface applications, and replace traditional HID fixtures ranging from 100W to over 400W. The compact and low weight luminaires are safe and easy to use in harsh and hazardous locations where flammable, explosive vapors or gases are present. They are an ideal solution where long life and low maintenance are desired.

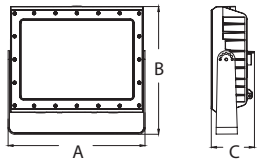
HAZFQ1™ Series fixtures are built to protect, save and last longer. Fixture body made of ADC12 die casting aluminum ≤0.4% copper-free; all screws are 304 stainless steel, flat clear lens cover is high borosilicate tempered glass, 6mm thickness. Wireguard made of SUS304 stainless steel with white powder painting, UL 1598A standard. State of the art Sosen driver, Bridgelux led chip SMD 3030 (1w); fixture entry is ¾". All components are painted with our exclusive Duratek™ polyester powder coat finish and applied by electrostatic process, for durability and corrosion protection.

HAZFQ1™ Series delivers exceptional efficiency, performance and advanced engineering. Up to 165 l x w, standard 10KV standard protection, it lowers energy consumption while providing 100,000+ hours of running lamp life. It sets the bar even higher for the lighting industry in terms of shock resistance (IK10), cold start capabilities, minimal heat production which improves service life, and overall safety. Certified for Class I, Division 2, it provides global lighting solutions for a wide range of Industrial, hazardous and explosion proof applications.

HAZFQ1™ Series is certified for use in UL, cUL and complies with IEC hazardous locations, providing a single solution for applications around the world. These light fixtures are ideal for indoor and outdoor general area lighting in oil & gas refineries, drilling rigs, petrochemical plants, food and beverage facilities, and other industrial applications.

CI D2 · MARINE-GRADE RATED · MARINE LOCATION SUITABLE · CERTIFIED · MARINE UL LISTED · HazLoc · DLC LISTED · RoHS compliant · Ex · NEMA 4X · IP66 · IK10 · Dim 0-10V · Lumens Up to 165 lxw · 10kV Surge Protector · VOLTS 120-277 277-480 · PF >0.90 · THD <20% · CCT 3K-65K · 110° 23° 7H6V Beam Angle · CRI >70 · 100,000 · -40°C~55°C · 10 YEAR Warranty

## Dimensions (mm)




| Power | A | B | C |
|---|---|---|---|
| 30w/60w | 256 | 256 | 117 |
| 100w/150w | 339 | 328 | 123 |
| 200w/240w | 409 | 394 | 129 |
| 300w/400w | 520 | 437 | 141 |

## Ordering information

| Item | Watts | Voltage | Lumens | Item | Watts | Voltage | Lumens |
|---|---|---|---|---|---|---|---|
| AL570025 | 30w | 120-277 | 4950 | AL570025WG | 30w | 120-277 | 4950 |
| AL570026 | 60w | 120-277 | 9900 | AL570026WG | 60w | 120-277 | 9900 |
| AL570027 | 100w | 120-277 | 16500 | AL570027WG | 100w | 120-277 | 16500 |
| AL570028 | 150w | 120-277 | 24750 | AL570028WG | 150w | 120-277 | 24750 |
| AL570029 | 150w | 277-480 | 24750 | AL570029WG | 150w | 277-480 | 24750 |
| AL570030 | 200w | 120-277 | 33000 | AL570030WG | 200w | 120-277 | 33000 |
| AL570031 | 240w | 120-277 | 39600 | AL570031WG | 240w | 120-277 | 39600 |
| AL570065 | 300w | 120-277 | 49500 | AL570065WG | 300w | 120-277 | 49600 |
| AL570066 | 400w | 120-277 | 66000 | AL570066WG | 400w | 120-277 | 66000 |

| CCT | | Beam | | Options | |
|---|---|---|---|---|---|
| **Blank** | 5000K | **Blank** | 110° | **S** | Light Shield |
| **3** | 3000K | **B2** | 23° | **CE** | EU Certification |
| **4** | 4000K | **B7** | 7H6V | | |
| **57** | 5700K | | | | |
| **65** | 6500K | | | | |

## Notes

- Certified:
  30w=Class I, Division 2, Groups A, B, C, D, T5
  60w-150w=Class I, Division 2, Groups A, B, C, D, T4A
  200w=Class I, Division 2, Groups A, B, C, D, T4
  240w=Class I, Division 2, Groups A, B, C, D, T4A
  300w= Class I D2 Groups A, B, C, D,T4A / T4
  400w= Class I D2 Groups A, ,C, D, T4
- Complies with:
  Class II, Division 1, Groups E, F, G, T4/T4A/T5
  Class II, Division 2, Groups E, F, G, T4/T4A/T5
  Class III
- CE =100-240V
- Lumens based on 5000K & Beam 110°:
  110° = up to 165 lxw
  23° = up to 145 lxw
  7H6V = up to 165 lxw
- Lumens 3K = - 8%
- Lumen Tolerance: ±10%
- 6500K= No DLC
- SP = L/N-PE:10KV L-N:6KV
- WG = Wire Guard
- 100,000 hours life @ <Tc 70°C
- Beam:
  110° = Glass Only
  23° & 7H6V = PC & Glass Lens
- PC Lens Thickness:
  23° 30w-400w = >0.4mm
  7H6V 30w-400w = >2mm
- Glass Lens Thickness: 6mm
- Housing Thickness = >2.5mm
- Paint Thickness = 60-120um
- Housing Color = JL078Z (RAL 7038)
- Salt Chamber Test: 1000 hours
- All fixture with a NW of ≥4.54 KG will include a Safety Cable

## Tests / Certificates:

- UL844
- UL8750
- UL1598
- UL1598A
- CSA22.2 No.137.0
- CSA22.2 No.250.0
- CSA22.2 No.250.13

EMC 2014/30/EU
- EN 55015:2013/A1:2015
- EN 61547:2009
- EN 6100-3-2:2014
- EN 61000-3-3:2013

Complies
- IEC 60079-0
- IEC 60079-7
- IEC 60079-18
- IEC 60079-31

LVD 2014/35/EU
- EN 60598-1:2015/AC:2016
- EN 60598-2-1:1989

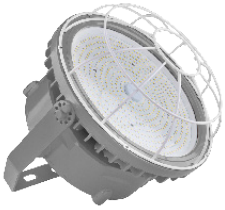
## Packing information

| Model | Pieces / master | Box Dimensions (cm) | CBM (Master) | Gross weight (Kg) |
|---|---|---|---|---|
| 30w/60w | 1 | 34 x 31.5 x 16 | 0.0171 | 6.6 |
| 100w/150w | 1 | 42.5 x 40 x 16.5 | 0.0280 | 10.7 |
| 200w/240w | 1 | 49.5 x 49 x 17 | 0.0159 | 15.2 |
| 300w/400w | 1 | 59 × 54 × 20 | 0.0637 | 26 |



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Product Information



# HAZFH1™

## Class I, Division 2, Groups A, B, C, D, T4A/T5
## 60w / 100w / 150w

CI D2 · MARINE-GRADE RATED · MARINE LOCATION SUITABLE · MARINE UL LISTED · UL CERTIFIED · NEMA 4X · UL HazLoc · DLC LISTED · RoHS compliant · Ex · IP66 · IK10 · Dim 0-10V · Lumens Up to 155 lxw · 10kV Surge Protector · VOLTS 120-277 277-480 · PF >0.90 · THD <20% · CCT 5000K · 110° Beam Angle · CRI >80 · 100,000 · -40°C~55°C · 10 YEAR Warranty

HAZFH1™ Series floodlights consume 50% less energy than traditional HID fixtures and provides years of high-quality, maintenance-free illumination for Class I Division 2 applications. Engineered for maximum durability in harsh and hazardous locations, the flood light is marine-grade and able to operate in temperatures of up to 55°C.

HAZFH1™ Series floodlights trunnion mount luminaires provide directional lighting in both vertical and horizontal planes when used with floodlight mounting hardware. These floodlights are ideal for outdoor wall and stanchion mounted general area lighting

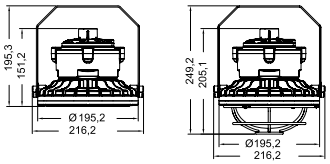
HAZFH1™ Series fixtures are built to protect, save and last longer. Fixture body made of ADC12 die casting aluminum ≤0.4% copper-free; all screws are 304 stainless steel, flat clear lens cover is high borosilicate tempered glass, 8mm thickness. Wireguard made of SUS304 stainless steel with white powder painting, UL 1598A standard. State of the art Sosen driver, Samsung led chip SMD 2835 (0.5W); fixture entry is ¾". All components are painted with our exclusive Duratek™ polyester powder coat finish and applied by electrostatic process, for durability and corrosion protection.

HAZFH1™ Series delivers exceptional efficiency, performance and advanced engineering. Up to 155 l x w, standard 10KV standard protection, it lowers energy consumption while providing 100,000+ hours of running lamp life. It sets the bar even higher for the lighting industry in terms of shock resistance (IK10), cold start capabilities, minimal heat production which improves service life, and overall safety. Certified for Class I, Division 2, it provides global lighting solutions for a wide range of industrial and hazardous applications.

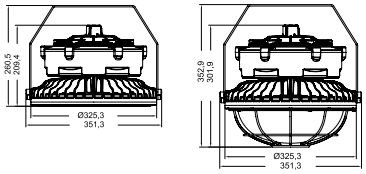
HAZFH1™ Series are certified for use in UL, cUL and complies with IEC hazardous locations, providing a single solution for applications around the world Typical applications include Oil and Gas Refineries, Petrochemical Plants, Foundries, Drilling Rigs, Pulp and Paper Mills, Food and Beverage Processing Facilities, Loading Docks, Power Plants, Water and Wastewater Treatment Facilities and other areas where corrosive, wet, dirty and tough environments are a problem.

## Dimensions (mm)

60w




100w/150w




## Ordering information

| Item | Watts | Voltage | Lumens |
|---|---|---|---|
| AL570013 | 60w | 100-277 | 8400 |
| AL570014 | 100w | 100-277 | 15000 |
| AL570015 | 150w | 100-277 | 23250 |
| AL570016 | 150w | 277-480 | 22500 |
| AL570013WG | 60w | 100-277 | 8100 |
| AL570014WG | 100w | 100-277 | 14500 |
| AL570015WG | 150w | 100-277 | 22500 |
| AL570016WG | 150w | 277-480 | 21750 |

| CCT | |
|---|---|
| **Blank** | 5000K |
| **3** | 3000K |
| **4** | 4000K |
| **57** | 5700K |
| **65** | 6500K |

**Options**

**CE** EU Certification

## Notes

- Certified:
  30w/100w=Class I, Division 2, Groups A, B, C, D, T5
  60w/150w=Class I, Division 2, Groups A, B, C, D, T4A
- Complies with:
  Class II, Division 1, Groups E, F, G, T4A/T5
  Class II, Division 2, Groups E, F, G, T4A/T5
  Class III
- CE =100-240V
  Ex mb eb IIC T4 Gb / Ex tb IIIC T80°C Db
- All lumens per watt same for 4K/5K/57K/65K. 3000K: 8% less
- 6500K= No DLC
- SP 60w=6kV, 100w/150w=10kV
- Housing Color = JL078Z (RAL 7038)
- WG = Wire Guard
- 100,000 hours life @ <Tc 70°C
- Salt Chamber Test: 1000 hours
- All fixture with a NW of ≥4.54 KG will include a Safety Cable

## Tests / Certificates:

- UL844
- UL8750
- UL1598
- UL1598A

EMC 2014/30/EU
- EN 55015:2013/A1:2015
- EN 61547:2009
- EN 6100-3-2:2014
- EN 61000-3-3:2013

LVD 2014/35/EU
- EN 60598-1:2015/AC:2016
- EN 60598-2-1:1989

- CSA22.2 No.137.0
- CSA22.2 No.250.0
- CSA22.2 No.137.13

Complies
- IEC 60079-0
- IEC 60079-7
- IEC 60079-18
- IEC 60079-31

## Packing information

| Model | Pieces / master | Box Dimensions (cm) | CBM (Master) | Gross weight (Kg) |
|---|---|---|---|---|
| 60w | 2 | 50 x 25.5 x 26 | 0.0331 | 8.92 |
| 60w with Wireguard | 2 | 50 x 25.5 x 31 | 0.0395 | 9.88 |
| 100w/150w | 1 | 40 x 40 x 34.5 | 0.0552 | 12.35 |
| 100w/150w with Wireguard | 1 | 40 x 40 x 44 | 0.0704 | 13.83 |




## Warranty

Americanlite® is pleased to provide a 10 year limited warranty covering the LED fixtures in this catalogue. Americanlite® warrants that the LED fixtures comply with Americanlite®'s published specifications and are free from defects in materials and workmanship.

All our equipment is UL, ETL or CE approved and manufactured with approved components. Americanlite® reserves the right to change or improve the design or components of any of its products due to parts availability or changes in standards, without assuming any obligation to modify any product previously manufactured and without notice. All equipment is tested and inspected before shipment.

This warranty is void if the product is operated outside of its normal operating conditions. The foregoing warranty does not apply to failures caused by acts of God or as a result of any abuse, misuse, abnormal use, or use in violation of any applicable standard, code or instructions for use in installations, including, but not limited to, those contained in the Standards for the International Electrotechnical Commission. Americanlite® reserves and has the right to examine failed lamp to determine the cause of failure, excessive lumen depreciation and patterns of usage.