

1 **EU - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres  
Directive 2014/34/EU**

3 EU - Type Examination Certificate **Baseefa12ATEX0070X – Issue 7**  
Number:

3.1 In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20 April 2016.

4 Product: **LED High Bay Area Light**

5 Manufacturer: **Dialight Corporation**

6 Address: **1501 Route 34 South, Farmingdale, New Jersey, 07727,  
United States of America**

7 This re-issued certificate extends EC Type Examination Certificate No. **Baseefa12ATEX0070X** to apply to product designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

8 SGS Fimko Oy, Notified Body number 0598, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

8.1 The original certificate was issued by SGS Baseefa Ltd (UK Notified Body 1180). It, and any supplements previously issued by SGS Baseefa Ltd have been transferred to the supervision of SGS Fimko Oy (EU Notified Body 0598). The original certificate number is retained.

The examination and test results are recorded in confidential Report No. See certificate history

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN IEC 60079-0:2018 EN 60079-1:2014 EN IEC 60079-7:2015+A1:2018 EN 60079-31:2014**

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign “X” is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

11 This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of the product shall include the following:

**Ⓔ II 2 GD Ex db IIB+H<sub>2</sub> T\* Gb Ta -40°C to +60°C or Ex db eb IIB+H<sub>2</sub> T\* Gb Ta -40°C to +60°C**  
**Ex tb IIIC T\*\*°C Db IP66 Ex tb IIIC T\*\*°C Db IP66 (\*/\*\* - See Schedule)**

SGS Fimko Oy Customer Reference No. **6917**


Project File No. **21/0406**

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Tuomas Hänninen  
SGS Fimko Oy

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## Schedule

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### Certificate Number Baseefa12ATEX0070X – Issue 7

#### 15 Description of Product

The LED High Bay Area Light (HBA) is a pendant floodlight rated at 100V to 277V, 50/60Hz, and up to 165W.

The HBA comprises of an aluminium lamp enclosure housing high power LEDs and their associated driver circuits. A glass lens is clamped in place by an aluminium frame, which is secured by 12 fasteners the heads of which are filled with epoxy resin to prevent removal. The HBA has an integral cable and an external suspension bracket.

HBA Series LED Luminaire with Junction Box (Variation 0.1)

HBA Series Transportable Luminaire (Variation 0.2)

HBA Series LED Luminaire with Sand Blast Shield (Variation 0.3)

Marking:

14K Unit – 165W (Variation 1.2)

Ex db IIB+H2 T5 (-40°C to +60°C) Gb  
Ex tb IIIC T100°C (-40°C to +60°C) Db IP66

Or, when the terminal box is fitted

Ex db eb IIB+H2 T5 (-40°C to +60°C) Gb  
Ex tb IIIC T100°C (-40°C to +60°C) Db IP66

17K Unit – 195W (Variation 1.3)

Ex db IIB+H2 T45 (-40°C to +60°C) Gb  
Ex tb IIIC T135°C (-40°C to +60°C) Db IP66

Or, when the terminal box is fitted

Ex db eb IIB+H2 T4 (-40°C to +60°C) Gb  
Ex tb IIIC T135°C (-40°C to +60°C) Db IP66

#### 16 Report Number

See certificate history.

#### 17 Specific Conditions of Use

1. The HBA is a factory sealed product, do not attempt to open; return to the manufacturer for service or repair.
2. The HBA is to be suspended such that no tension is applied to the supply cable.
3. The integral cable is to be terminated in a suitable terminal or junction facility.
4. The external plastic guard on the HBA series LED Luminaire with Sand Blast Shield is to be cleaned with a damp cloth only.
5. To minimise the risk of electrostatic charging, clean only with a damp cloth.

## 18 Essential Health and Safety Requirements

In addition to the Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

Clause	Subject
1.2.7	LVD type requirements
1.2.8	Overloading of equipment (protection relays, etc.)
1.4.1	External effects
1.4.2	Aggressive substances, etc.

## 19 Drawings and Documents

New drawings submitted for this issue of certificate:

Number	Sheet	Issue	Date	Description
8854HEA0001-EX	1 – 7	D	4-26-22	ATEX HIGHBAY CERTIFICATION PRINT

Current drawings which remain unaffected by this issue:

None.

This drawing is common to Baseefa10ATEX0148X, Baseefa12ATEX0070X, BAS21UKEX0597X, BAS21UKEX0598X, IECEX BAS 10.0074X and IECEX BAS 12.0044X and is held with the latter.

## 20 Certificate History

Certificate No.	Date	Comments
Baseefa12ATEX0070X	26 March 2012	The release of the prime certificate. The associated test and assessment against the requirements of EN 60079-0:2009, EN 60079-1:2007, EN 60079-7 and EN 60079-31:2009 is documented in Test Report No. GB/BAS/ExTR12.0056/00.
Baseefa12ATEX0070X/1	21 November 2012	To permit minor drawing and constructional amendments for the machined casting. To permit a variation to the chassis and LED lamp assembly to form a unit with a 14K lumen nominal luminous flux and rated at 165W. To permit a variation to the chassis and LED lamp assembly to form a unit with a 17K lumen nominal luminous flux, together with an increase in maximum electrical rating to 195W. Baseefa certification report GB/BAS/ExTR12.0280/00 refers.
Baseefa12ATEX0070X/2	11 March 2014	To clarify the full marking. To permit the addition of a 300 micron thick, self-adhesive, clear plastic film to the exterior of the lens. To change the certificate numbers for the M25 Quintex LB line bushing and M25 reducer. Baseefa certification report GB/BAS/ExTR14.0058/00 refers.
Baseefa12ATEX0070X/3	3 September 2014	To permit minor drawing amendments not affecting certification. Baseefa certification report GB/BAS/ExTR14.0206/00 refers.

<b>Certificate No.</b>	<b>Date</b>	<b>Comments</b>
Baseefa12ATEX0070X/4	1 June 2016	To introduce an alternative LED light and power supply layouts, with increased power rating of 235W. To introduce a new window glass type to all models. To rationalize the certification drawings, to simplify and supersede the original drawings. To introduce an additional specific condition of use regarding potential electrostatic charging. SGS Baseefa certification report GB/BAS/ExTR16.0054/00 refers.
Baseefa12ATEX0070X/5	2 November 2016	To permit the existing information to be replaced by the revised certificate holders name and address.
Baseefa12ATEX0070X/6	4 October 2018	To clarify the marking for the 235W LED Light. Baseefa certification report GB/BAS/ExTR18.0221/00 refers.
Baseefa12ATEX0070X Issue 7	19 July 2022	To assess the LED High Bay Area Lights against EN IEC 60079-0:2018, EN 60079-1:2014, EN IEC 60079-7:2015+A1:2018 and EN 60079-31:2014. To amend the nameplate to accommodate UKEX certificate numbers. To allow a change in the certificate numbers for Ex certified items used in the equipment. SGS Baseefa certification report GB/BAS/ExTR21.0141/00 refers.
For drawings applicable to each issue, see original of that issue.		