

1 SUPPLEMENTARY EU - TYPE EXAMINATION CERTIFICATE

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

3 Supplementary EU - Type Examination Certificate Number: Baseefa10ATEX0148X/8

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 supplementary certificate extends EC – Type Examination Certificate No. Baseefa10ATEX0148X to apply to products 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 Baseefa, Notified Body number 1180, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that the product, as modified by this supplementary certificate, 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.

SGS Baseefa Customer Reference No. **6917**

Project File No. **16/0825**

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Registered address: Rossmore Business Park, Ellesmere Port, Cheshire, CH65 3EN

R S Sinclair
M Bourne

R S SINCLAIR

TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

13

Schedule

14

Certificate Number Baseefa10ATEX0148X/8

15

Description of the variation to the Product

Variation 8.1

This issue permits existing information (for example on Schedule Drawings) to be replaced by the revised certificate holders name and address. No other changes may be made to the certified design

16

Report Number

None

17

Specific Conditions of Use

None additional to those listed previously

18

Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19

Drawings and Documents

None

1 **SUPPLEMENTARY EU - TYPE EXAMINATION CERTIFICATE**

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

3 Supplementary EU - Type **Baseefa10ATEX0148X/7**
Examination Certificate 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 Europe Limited**

6 Address: **Exning Road, Newmarket, Suffolk, CB8 0AX**

7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa10ATEX0148X** to apply to products 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 Baseefa, Notified Body number 1180, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that the product, as modified by this supplementary certificate, 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.

SGS Baseefa Customer Reference No. **5801**

Project File No. **14/0633**

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PP *M. Sinclair*
R S SINCLAIR *M. Downey*

TECHNICAL MANAGER
On behalf of SGS Baseefa Limited

13 **Schedule**

14 **Certificate Number Baseefa10ATEX0148X/7**

15 **Description of the variation to the Product**

Variation 7.1

Introduction of an alternative LED light and power supply layouts, with an increased power rating of 235W.

Variation 7.2

Introduction of an alternative window glass type to all models.

Variation 7.3

A rationalization of the certification drawings, to simplify and supersede the original drawings. These new drawings include a clarification of equipment part numbers with respect to types/models and related certifications together with a clarification on power ratings.

Variation 7.4

Introduction of an additional specific condition for safe use, to address the potential electrostatic charging hazards of the surface coatings.

16 **Report Number**

SGS Baseefa Report Number; GB/BAS/ExTR 16.0054.00

17 **Specific Conditions of Use**

3. To minimise the risk of electrostatic charging, clean only with a damp cloth.

18 **Essential Health and Safety Requirements**

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 **Drawings and Documents**

Number	Sheet	Issue	Date	Description
*8854HEA0001-EX	1 to 7	A	01/12/2016	General Assembly Drawing
**8854HLA0001-EX	1 to 2	D	01/12/2016	General Assembly Drawing

*This drawing is common to, Baseefa12ATEX0070X, IECEx BAS 12.0044X, & IECEx BAS 10.0074X and held with the later.

**This drawing is common to, and is held with, IECEx BAS 10.0074X.

These drawings supersede all the previous drawings associated with High Bay Area LED light.

1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

3 Supplementary EC - Type Examination Certificate Number: **Baseefa10ATEX0148X/6**

4 Equipment or Protective System: **LED High Bay Area Light**

5 Manufacturer: **Dialight Europe Limited**

6 Address: **Exning Road, Newmarket, Suffolk, CB8 0AX**

7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa10ATEX0148X** to apply to equipment or protective systems 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.

This supplementary certificate shall be held with the original certificate.

Baseefa Customer Reference No. **5801**

Project File No. **14/0522**

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R S SINCLAIR

GENERAL MANAGER

On behalf of SGS Baseefa Limited

13 **Schedule**

14 **Certificate Number Baseefa10ATEX0148X/6**

15 **Description of the variation to the Equipment or Protective System**

Variation 6.1

To allow minor drawing modifications which do not affect certification.

16 **Report Number**

GB/BAS/ExTR14.02006/00 held with IECEx BAS 12.0044X.

17 **Specific Conditions of Use**

None additional to those listed previously

18 **Essential Health and Safety Requirements**

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 **Drawings and Documents**

Number	Sheets	Issue	Date	Description
*Z70-000723	1	B	01/08/2014	Glass Frame, HBA Series A380 Cast
*A70-000725	1 to 3	E	19/08/2014	Housing, HBA Series Machined
**Z70-000697	1	B	01/08/2014	Housing, HBA Series

*These drawings are common to IECEx BAS 10.0074X, IECEx BAS 12.0044X, Baseefa10ATEX0148X and Baseefa12ATEX0070X and are held with IECEx BAS 12.0044X.

**This drawing is common to IECEx BAS 10.0074X, Baseefa10ATEX0148X and is held IECEx BAS 10.0074X.

1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

3 Supplementary EC - Type Examination Certificate Number: **Baseefa10ATEX0148X/5**

4 Equipment or Protective System: **LED High Bay Area Light**

5 Manufacturer: **Dialight Europe Limited**

6 Address: **Exning Road, Newmarket, Suffolk, CB8 0AX**

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa10ATEX0148X to apply to equipment or protective systems 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.

This supplementary certificate shall be held with the original certificate.

Baseefa Customer Reference No. **5801**

Project File No. **13/0770**

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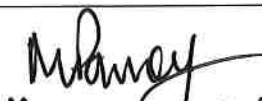
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Schedule

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Certificate Number Baseefa10ATEX0148X/5

15 Description of the variation to the Equipment or Protective System

Variation 5.1

Addition of a 300 micron thick, self-adhesive, clear plastic film to the exterior surface of the lens only.

Variation 5.2

Change of the certificates for the M25 Quintex LB line bushing to IECEX EPS 11.0004X (EPS 11 ATEX 1 342 X).

Variation 5.3

Alternative certificates for the M25 reducer as 4 IECEX SIR 07.0010X (Sira 10ATEX1225X)

Variation 5.4

To clarify that the drawing reference in Baseefa10ATEX0148X should be Z70-000723, and it is held with IECEX BAS 10.0074X.

Variation 5.5

Minor drawing amendment.

16 Report Number

Baseefa Certification Report GB/BAS/ExTR14.0054/00 and Baseefa Certification Report GB/BAS/ExTR14.0058/00

17 Specific Conditions of Use

None additional to those listed previously.

18 Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 Drawings and Documents

Number	Sheet	Revision	Date	Description
HLAXXX-EX*	1&2	B	2-25-14	HL Series 25,000 Lumen LED Highbay
HBA9XXM-EX*	1-5	E	25/FEB/2014	HBA Series LED Luminaire

*These drawings are common to Baseefa10ATEX0148X and held with IECEX BAS 10.0074X

1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

3 Supplementary EC - Type Examination Certificate Number: **Baseefa10ATEX0148X/4**

4 Equipment or Protective System: **LED High Bay Area Light**

5 Manufacturer: **Dialight Europe Limited**

6 Address: **Exning Road, Newmarket, Suffolk, CB8 0AX**

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa10ATEX0148X to apply to equipment or protective systems 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.

This supplementary certificate shall be held with the original certificate.

Baseefa Customer Reference No. **5801**

Project File No. **12/0823**

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R S SINCLAIR 
GENERAL MANAGER

On behalf of SGS Baseefa Limited

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Schedule

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Certificate Number Baseefa10ATEX0148X/4

15 Description of the variation to the Equipment or Protective System

Variation 4.1

Alternative design of the lens retaining ring, machined from aluminium alloy and retained by 12 off M8 x1.25 x 35mm stainless screws minimum grade A2-70.

Variation 4.2

Alternative material specification for the lens, comprising, low iron, soda lime float glass.

Variation 4.3

Alternative tapped length for the threaded entry of the light engine enclosure.

Variation 4.4

Alternative version of the unit, incorporating a separate, contiguous, flameproof power supply enclosure. The enclosure is formed of two aluminium alloy castings which are bolted together using 12 off M8 x1.25 x 20mm stainless screws minimum grade A2-70.

The power supply enclosure contains a filter board and two power supply boards and is electrically and mechanically connected to the luminaire housing via an M25 Quintex LB line bushing as IECEx QPS 09.0001 (EPS 08 ATEX 1 105X).The luminaire housing contains 6 LED light engine circuit boards.

The terminal box is assembled using silicone rubber 'O' rings. An M25 aperture is provided in the side of the terminal box for a Redapt reducer as IECEx SIR 12.0016X (Sira 00ATEX1094X) and a Hawke cable gland as IEC BAS 06.0014X (Baseefa06ATEX0057X) with a permanently attached cable.

The unit so formed by this variation is rated at 100-277V AC , with an increased 315W maximum rating, 50/60 Hz and is designated as the HL Series 25,000 Lumen LED Highbay .The coding for the version as Variation 4.3 is:-

Ⓜ II 2 GD Ex d IIB T5 Gb
Ex tb IIIC T100°C Db IP66
Ta -40°C to + 60°C

16 Report Number

Baseefa Certification Report GB/BAS/ExTR13.0170/00

17 Specific Conditions of Use

The maximum permitted gap in the flange of the power supply enclosure is 0.1mm.

18 Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 Drawings and Documents

Number	Sheet	Revision	Date	Description
HLAXXXX-EX*	1	A	8-27-13	HL Series 25,000 Lumen LED Highbay
HLAXXXX-EX*	2	A	8-27-13	HL Series 25,000 Lumen LED Highbay
5800-HIB-0008-00X-CC*	1	A	7-16-13	Ring, High Bay Lens

*These drawings are common to Baseefa10ATEX0148X/4 and held with IECEx BAS 10.0074X/5



1 SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE

**2 Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

3 Supplementary EC - Type Examination Certificate Number: **Baseefa10ATEX0148X/3**

4 Equipment or Protective System: **LED High Bay Area Light**

5 Manufacturer: **Dialight BLP Ltd**

6 Address: **Exning Road, Newmarket, Suffolk, CB8 0AX**

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa10ATEX0148X to apply to equipment or protective systems 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.

This supplementary certificate shall be held with the original certificate.

This certificate may only be reproduced in its entirety, without any change, schedule included.



Baseefa Customer Reference No. **5801**

Project File No. **12/0159**

This certificate is granted subject to the general terms and conditions of Baseefa. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

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R S SINCLAIR 
DIRECTOR
On behalf of
Baseefa



13

Schedule

14

Certificate Number Baseefa10ATEX0143X/3

15 Description of the variation to the Equipment or Protective System

Variation 3.1

Minor drawing and constructional amendments for the machined castings.

Variation 3.2

Variation to the chassis and LED lamp assembly to form a unit with, an increased, 14k lumen nominal luminous flux. The maximum electrical rating remains at 165W and the marking is unchanged.

Variation 3.3

Variation to the chassis and LED lamp assembly to form a unit with, an increased, 17k lumen nominal luminous flux. The maximum electrical rating is increased to 195W with the following marking.

⊕ II 2 GD Ex d IIB T4 (-40°C to 60°C) Gb
Ex tb IIIC T135°C (-40°C to 60°C) Db IP66
Ta -40°C to + 60°C

or, when the increased safety terminal box is fitted

⊕ II 2 GD Ex d e IIB T4 (-40°C to 60°C) Gb
Ex tb IIIC T135°C (-40°C to 60°C) Db IP66
Ta -40°C to + 60°C

16 Report Number

Baseefa Certification Report GB/BAS/ExTR12.0230/00

17 Specific Conditions of Use

None additional to those listed previously

18 Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 Drawings and Documents

Number	Sheet	Revision	Date	Description
A70-000725	1-3	D	23-AUG-2012	Housing, HBA Series Machined
HBA9XXM-EX	1-5	D	23/AUG/2012	HBA Series LED Luminaire
A40-001983	1	A	23/08/12	17K High Bay S/S Label
A40-001985	1	A	23/08/12	17K High Bay IIB JB S/S Label



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

3 Supplementary EC - Type Examination Certificate Number: **Baseefa10ATEX0148X/2**
4 Equipment or Protective System: **LED High Bay Area Light**
5 Manufacturer: **Dialight Europe Limited**
6 Address: **Exning Road, Newmarket, Suffolk, CB8 0AX**

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa10ATEX0148X to apply to equipment or protective systems 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 Item 9 of the original Certificate is replaced by “Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0: 2009 EN 60079-1: 2007 EN 60079-7: 2007 EN 60079-31: 2009

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

9 The marking of the equipment has changed from the original Certificate and shall include the following:

**⊕ II 2 GD Ex d IIB T5 (-40°C to 60°C) Gb
Ex tb IIIC T100°C (-40°C to 60°C) Db IP66
Ta -40°C to + 60°C**

or, when the increased safety terminal box is fitted

**⊕ II 2 GD Ex d e IIB T5 (-40°C to 60°C) Gb
Ex tb IIIC T100°C (-40°C to 60°C) Db IP66
Ta -40°C to + 60°C**

This certificate shall be held with the original certificate and may only be reproduced in its entirety, without any change, schedule included.

Baseefa Customer Reference No. **5801**

Project File No. **11/0740**

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DIRECTOR
On behalf of
Baseefa



13

Schedule

14

Certificate Number Baseefa00ATEX0148X/2

15 Description of the variation to the Equipment or Protective System

Variation 2.1

Addition of an internal EMC shield together with clarification of the parts description, an alternative position for the external earth screw and an alternative self adhesive label.

Variation 2.2

Alternative version of the unit incorporating an increased safety terminal box.

The terminal box contains terminals as PTB03ATEX1189U and is electrically connected to the luminaire housing via an M25 line bushing as EPS08ATEX1105X.

The terminal box is assembled using silicone rubber 'O' rings. Up to two M20 or M25 apertures are provided in the sides of the terminal box. Any unused aperture is fitted with blank plugs as DMT03ATEXE049.

The unit so formed is designated as the **HBA Series LED Luminaire with Junction Box.**

Variation 2.3

Alternative transportable version of the unit with a tubular stand to allow various mounting positions.

The unit is fitted with an increased safety terminal box as Variation 3.2 and with a Cooper Crouse Hinds cable gland as PTB00ATEX3121. An auxiliary external wire guard may also be fitted.

The unit so formed is designated as the **HBA Series Transportable Luminaire.**

Variation 2.4

Alternative version of the unit incorporating the increased safety terminal box as Variation 3.2 and fitted an external transparent plastic lens guard. A warning label is fitted to indicate the cleaning method for the guard.

The unit so formed is designated as the **HBA Series LED Luminaire with Sand Blast Shield.**

16 Report Number

Baseefa Certification Report GB/BAS/ExTR11.0324/00

17 Additional Specific Conditions of Use

1. The external plastic guard on the HBA Series LED Luminaire with Sand Blast Shield is to be cleaned with a damp cloth only.

18 Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.



19 Drawings and Documents

Number	Sheet	Issue	Date	Description
HBA9XXM-EX	1	C	22/SEP/2011	HBA Series LED Luminaire
HBA9XXM-EX	2	C	22/SEP/2011	HBA Series LED Luminaire
HBA9XXM-EX	3	C	22/SEP/2011	HBA Series Transportable Luminaire
HBA9XXM-EX	4	C	22/SEP/2011	HBA Series LED Luminaire with Junction Box
HBA9XXM-EX	5	C	22/SEP/2011	HBA Series LED Luminaire with Sand Blast Shield
A40-001367	-	A	03/08/10	High Bay Sandblasting Warning Label
A40-001658	1	A	06/02/12	High Bay Vinyl Label
A70-000725	1-3	C	08-FEB-2012	Housing HBA Series Machined



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

- 3 Supplementary EC - Type Examination Certificate Number: **Baseefa10ATEX0148X/1**
- 4 Equipment or Protective System: **LED High Bay Area Light**
- 5 Manufacturer: **Dialight BLP Ltd**
- 6 Address: **Exning Road, Newmarket, Suffolk, CB8 0AX**
- 7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa10ATEX0148X** to apply to equipment or protective systems 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.

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Baseefa Customer Reference No. **5801**

Project File No. **11/0253**

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Registered in England No. 4305578. Registered address as above.


pp R S SINCLAIR 
DIRECTOR
On behalf of
Baseefa



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Schedule

14

Certificate Number Baseefa10ATEX0148X/1

15 Description of the variation to the Equipment or Protective System

Variation 1.1

Alternative M20 cable gland as BVS 10 ATEX E 062X.

Variation 1.2

Alternative brass M25 to M20 cable gland reducer as SIRA00ATEX1094.

Variation 1.3

Use of 1.5mm thick IP sealing washers to maintain the degree of protection.

Variation 1.4

Alternative design of certification label.

Variation 1.5

Alternative, braided armour type, cable.

16 Report Number

Baseefa Certification Report GB/BAS/ExTR11.0105/00

17 Special Conditions for Safe Use

None additional to those listed previously

18 Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 Drawings and Documents

Document No.	Revision	Date	Document Title
HBA9XXM-EX Sheets 1 & 2	B	14/04/2011	General Arrangement
A40-000706	B	08/04/11	Certification Label

*These drawings are common to IECEx BAS 10.0074X and Baseefa10ATEX0148X and are held with the former.



1 **EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

3 EC - Type Examination Certificate Number: **Baseefa10ATEX0148X**

4 Equipment or Protective System: **LED High Bay Area light**

5 Manufacturer: **Dialight BLP Ltd**

6 Address: **Exning Road,
Newmarket,
Suffolk, CB8 0AX**

7 This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Baseefa, Notified Body number 1180, in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report No. **GB/BAS/ExTR 10.0166/00**

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

EN 60079-0: 2009

EN 60079-1: 2007

IEC 60079-31: 2008

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 equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

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

12 The marking of the equipment or protective system shall include the following :

⊕ II 2 GD Ex d IIB T5 Gb Ex tb IIIC T100°C Db IP 66 (Ta -40°C to +60°C)

This certificate may only be reproduced in its entirety, without any change, schedule included.

Baseefa Customer Reference No. **5801**

Project File No. **09/0962**

This certificate is granted subject to the general terms and conditions of Baseefa. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

Baseefa

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Baseefa is a trading name of Baseefa Ltd

Registered in England No. 4305578. Registered address as above.

R S SINCLAIR
DIRECTOR
On behalf of
Baseefa



13

Schedule

14

Certificate Number Baseefa10ATEX0148X

15 Description of Equipment or Protective System

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 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.

16 Report Number

Baseefa Certification Report GB/BAS/ExTR 10.0166/00

17 Special Conditions for Safe 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.

18 Essential Health and Safety Requirements

All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.

19 Drawings and Documents

Number	Issue	Date	Description
HBA9CXM-EX Sheets 1 & 2	A	1/5/11	General Arrangement
Z70-000697	A	12/21/10	Housing
Z90-000693	A	1/4/11	Glass
Z70-000273 000723 <i>clat</i>	A	1/4/11	Glass Clamp Ring
A73-000582	A	1/4/11	O Ring
A73-000708	A	12/9/10	Cable Gland
A50-000695	A	12/20/10	Integral Cable
A40-000706	A	12/10/10	Certification Label