

SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE

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

- Supplementary EC - Type Examination Certificate Number: **BAS98ATEX2372/6**
- Equipment or Protective System: **Evolution (200Series MK III) Floodlight IIB**
- Manufacturer: **Chalmit Lighting**
- Address: **388 Hillington Road, Glasgow, G52 4BL**
- This supplementary certificate extends EC - Type Examination Certificate No. **BAS98ATEX2372** 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.
- Item 9 of the original Certificate is replaced by "Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
- EN60079-0: 2012 EN60079-1: 2007 EN60079-7: 2007 EN 60079-31: 2009 EN60079-18: 2009**
- except in respect of those requirements listed at item 18 of the Schedule."
- The marking of the equipment has changed from the original Certificate and shall include the following:
- Ex II 2 GD See schedule**

The original certificate was issued by The Electrical Equipment Certification Service, Notified Body Number 0600, which retains responsibility for its original documentation. Baseefa, Notified Body Number 1180, is responsible only for the additional work relating to this supplementary certificate and any other supplementary certificate it has issued.

This certificate shall be held with the original certificate.

Baseefa Customer Reference No. **0068**

Project File No. **09/0559**

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R S SINCLAIR

GENERAL MANAGER

On behalf of SGS Baseefa Limited

13 **Schedule**

14 **Certificate Number BAS98ATEX2372/6**

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

Variation 6.1

To confirm that the equipment covered by this certificate has been reviewed against the requirements of EN 60079-0: 2012 EN 60079-1: 2007, EN 60079-7: 2007 and EN60079-31: 2009 in respect of the differences from the standards to which this certificate was issued; none of these differences affect this equipment, other than the code marking requirements which have been addressed.

The luminaire is coded.

Ex d e IIB T* Gb Ta -50°C to + ** °C

Ex tb IIIC T*°C Db IP67 Ta -50°C to + ** °C

* See previous issues of this certificate.

Variation 6.2

To note the use of a ballast to Baseefa IATEX1008U and subsequent change of marking.

The luminaire is coded.

Ex d e mb IIB T* Gb Ta -50°C to + ** °C

Ex tb IIIC T*°C Db IP67 Ta -50°C to + ** °C

* See previous issues of this certificate.

Variation 6.3

To note deletion of the line bushing to PTB97ATEX1047U and of the toroidal transformer.

16 Report Number

GB/BAS/ExTR12.0052/00

17 **Specific Conditions of Use**

None.

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
*D1910	1-5 inc.	03	08.10.12	General Assembly - Evolution IIB
**B1314	1	01	18.10.12	Capacitor Assembly with Linebush

Drawing D1910 replaces drawing B1766 which is no longer a drawing associated with this certificate.

Drawings D1315 and D2091 are no longer drawings associated with this certificate.

* This drawing is common to and held with IECEx BAS12.0042.

** This drawing is common to, BAS98ATEX2373, Baseefa 04ATEX0155, Baseefa 04ATEX0192, IECEx BAS12.0042, IECEx BAS12.0043, IECEx BAS05.0045X, and IECEx BAS05.0044X and held with IECEx BAS12.0042.

SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE

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

- 3 Supplementary EC - Type Examination Certificate Number: **BAS98ATEX2372/7**
- 4 Equipment or Protective System: **Evolution (200 Series MKIII) Floodlight IIB**
- 5 Manufacturer: **Chalmit Lighting**
- 6 Address: **388 Hillingotn Road, Glasgow, G52 4BL**
- 7 This supplementary certificate extends EC – Type Examination Certificate No. **BAS98ATEX2372** 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. 0068

Project File No. 14/0155

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M. P. Sinclair

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GENERAL MANAGER

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13

Schedule

14

Certificate Number BAS98ATEX2372/7

15 Description of the variation to the Equipment or Protective System

Variation 7

To allow the substitution of the existing potting compounds with a two-part potting compound in the capacitor and ignitor housings.

16 Report Number

GB/BAS/ExTR14.0109/00 held with IECEx BAS 12.0043.

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
D1910*	1-5	4	31/3/14	Evolution Luminaire (IIB)
B1315**	1	1	27/3/14	Evolution 'B' Type Capacitor with Potted Cables

* This drawing is common to and held with IEC BAS 12.0042.

** Drawing B1315 is common to BAS98ATEX2373, Baseefa04ATEX0155, Baseefa04ATEX0192, IECEx BAS 05.0044X, IECEx BAS 05.0045X, IECEx BAS 12.0042 and IECEx BAS 12.0043. This drawing is reinstated from the previous variation and is held with BAS98ATEX2372.

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: **BAS98ATEX2372/8X**

4 Equipment or Protective System: **Evolution (200 Series MKIII) Floodlight IIB**

5 Manufacturer: **Chalmit Lighting**

6 Address: **388 Hillingotn Road, Glasgow, G52 4BL**

7 This supplementary certificate extends EC – Type Examination Certificate No. **BAS98ATEX2372** 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. **0068**

Project File No. **14/0135**

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Schedule

14

Certificate Number BAS98ATEX2372/8X

15

Description of the variation to the Equipment or Protective System

Variation 8

To permit the use of a Toroidal transformer for 110-120Vac applications.

The transformer is rated 110/120Vac input; 240Vac output 50/60Hz, 500W. The transformer is for use with the low voltage range of Evolution luminaires from the same manufacturer as indicated below.

Lamp	Temperature Classification	Maximum ambient temperature	Dust marking
400W HPS/MBI	T3	+ 55°C	T175°C
250W HPS/MBI	T4	+ 40°C	T130°C
	T3	+ 55°C	T150°C
150W HPS/MBI	T4	+ 40°C	T130°C
	T3	+ 55°C	T150°C

The low voltage luminaire is coded:-

Ex d e mb IIB T* Gb Ta-50°C to + **°C

Ex tb IIIC T*°C Db IP67 Ta-50°C to + **°C

* See table above

16 Report Number

GB/BAS/ExTR14.0142/00

17 Specific Conditions of Use

- 1 The low voltage Evolution luminaires must be connected to a supply provided with a fuse suitable for a prospective short circuit current of 1500A.
- 2 The low voltage luminaires must be mounted horizontally $\pm 10^\circ$.

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
D2091	1	2	02.05.14	Toroidal Transformer

This drawing is common to BAS98ATEX2373, Baseefa04ATEX0155, Baseefa04ATEX0192, IECEX BAS 05.0044X, IECEX BAS 05.0045X, IECEX BAS 12.0042 and IECEX BAS 12.0043, and is held with IECEX BAS 05.0044X.