

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: Baseefa04ATEX0192/4

4 Equipment or Protective System: Evolution II LT Luminaire

5 Manufacturer: Chalmit Lighting

6 Address: 388 Hillington Road, Glasgow, G52 4BL

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa04ATEX0192 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:

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.”

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

⊕ II 2 GD See schedule

This certificate shall be held with the original certificate.

Baseefa Customer Reference No. 0068

Project File No. 09/0560

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R S SINCLAIR

GENERAL MANAGER

On behalf of SGS Baseefa Limited

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Schedule

14

Certificate Number Baseefa04ATEX0192/4

15 Description of the variation to the Equipment or Protective System

Variation 4.1

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 4.2

To note the use of a ballast to Baseefa1ATEX0108U 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 4.3

To note deletion of linebushing to PTB97ATEX1047U and of the toroidal transformer.

16 Report Number

GB/BAS/ExTR 12.0052/00

17 Specific Conditions for 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	Issue	Date	Description
*D2642	1-4 inc.	03	08.10.12	General Assembly - Evolution II Low Temp
**B1314	1	01	18.10.12	Capacitor Assembly with Linebush

Drawing D1315 is no longer a drawing associated with this certificate.

* This drawing is common to and held with IECEx BAS 05.0044X

** This drawing is common to, BAS98ATEX2372, BAS98ATEX2373, Baseefa04ATEX0155, IECEx BAS12.0042, IECEx BAS12.0043, IECEx BAS05.0045X, and IECEx BAS05.0044X and held with IECEx BAS12.0042.

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

3 Supplementary EC - Type Examination Certificate Number: Baseefa04ATEX0192/5

4 Equipment or Protective System: Evolution II LT Luminaire

5 Manufacturer: Chalmit Lighting

6 Address: 388 Hillington Road, Glasgow, G52 4BL

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa04ATEX0192 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. 0068

Project File No. 14/0155

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GENERAL MANAGER

On behalf of SGS Baseefa Limited

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Schedule

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Certificate Number Baseefa14ATEX0192/5

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

Variation 5

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
D2642*	1-4	4	31/3/14	Evolution II – Low Temp
B1315**	1	1	27/3/14	Evolution 'B' Type Capacitor with Potted Cables

* This drawing is common to and held with IEC BAS 05.0044X.

** Drawing B1315 is common to BAS98ATEX2372, BAS98ATEX2373, Baseefa04ATEX0155, 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 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: **Baseefa04ATEX0192/6X**

4 Equipment or Protective System: **Evolution II LT Luminaire**

5 Manufacturer: **Chalmit Lighting**

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

7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa04ATEX0192** 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. **0068**

Project File No. **14/0135**

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A handwritten signature in black ink, appearing to read 'R S Sinclair', with the name 'M BOWNEY' written in a smaller font below it.

R S SINCLAIR

GENERAL MANAGER

On behalf of SGS Baseefa Limited

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Schedule

14

Certificate Number Baseefa04ATEX0192/6X

15 Description of the variation to the Equipment or Protective System

Variation 6

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 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 BAS98ATEX2372, BAS98ATEX2373, Baseefa04ATEX0155, 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.