



EC - TYPE EXAMINATION CERTIFICATE

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

- 3 EC - Type Examination Certificate Number: **Baseefa08ATEX0178**
- 4 Equipment or Protective System: **A Nevis Bulkhead Luminaire**
- 5 Manufacturer: **Chalmit Lighting**
- 6 Address: **388 Hillington Road, Glasgow, G52 4BL UK**
- 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/ExTR08.0106/00**
- 9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN60079-0: 2006, EN60079-1: 2004, EN60079-7; 2006, EN61241-0: 2004, EN61241-1; 2004
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 :

 **I2GD Exde IIB Ex tD T* /T*°C Tamb* A21 IP66 * see schedule**

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

Baseefa Customer Reference No. **0068**

Project File No. **07/1049**

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

re-issued 8th December 2009 to replace original



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Schedule

14

Certificate Number Baseefa08ATEX0178

15 Description of Equipment or Protective System

A Nevis Bulkhead Luminaire comprises an oval body and cover manufactured from aluminium, brass or gunmetal. The cover is fitted with a wellglass sealed in place by a silicone cement. The body has an integral increased safety terminal box. The flameproof enclosure may be fitted with various lamps, lamp holders, and associated control gear. The flameproof enclosure wall may be fitted with up to 2 line bushings which provide interconnection to the increased safety terminal chamber.

The luminaire may be fitted with various lamps as detailed below.

Internal and external earth facilities are provided.

The lamp types, electrical ratings, temperature classifications, operating temperatures and ambient temperatures when fitted with each lamp type are detailed below.

The enclosure is fitted with a delay before opening label, this label may be replaced with a label advising Do not open when an explosive atmosphere is present.

Lamp Type	Wattage W	Voltage V	Temperature Classification/Operating Temperature °C	Ambient Temperature Range °C	Cable Rating	Delay Before Opening (minutes)
GLS	150	24 - 240	T3/150	-55 to +55	80°C	10
GLS	200	24 - 240	T3/165	-55 to +55	90°C	
SON/E	50/70	200 - 250 50Hz 220 - 270 60Hz	T4/125	-55 to +55	80°C	
MBF/U	80	200 - 250 50Hz	T4/130	-55 to +55	80°C	
MBF/U	125	220 - 270 60Hz	T3/140	-55 to +40	70°C	
MBTF	160	200 - 250	T3/155	-55 to +40	70°C	
Fluorescent	18/26	12 - 260	T5/80	-55 to +55	70°C	
Induction	55	110 - 240	T5/98	-55 to +55	70°C	
MBI	70	200 - 250 50Hz 220 - 270 60Hz	T4/125	-55 to +55	80°C	

16 Report Number

Baseefa Certification Report GB/BAS/ExTR08.0106/00

17 Special Conditions for Safe Use

None

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	Sheet	Issue	Date	Description
H014356	1 of 5	1	27/5/08	Nevis Bulkhead Ex de IECEx and ATEX
H014357	2 of 5	1	27/5/08	Nevis Bulkhead Ex de IECEx and ATEX
H014358	3 of 5	1	27/5/08	Nevis Bulkhead Ex de IECEx and ATEX
H014359	4 of 5	1	27/5/08	Nevis Bulkhead Ex de IECEx and ATEX
H014360	5 of 5	1	27/5/08	Nevis Bulkhead Ex de IECEx and ATEX

The above drawings are common to IECEx BAS 08.0054 and Baseefa 07ATEX0178 and are held with the former



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: **Baseefa08ATEX0178/1**

4 Equipment or Protective System: **A Nevis Bulkhead Luminaire**

5 Manufacturer: **Chalmit Lighting**

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

7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa08ATEX0178** 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.

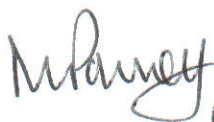
Baseefa Customer Reference No. **0068**

Project File No. **09/0259**

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DIRECTOR
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Schedule

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Certificate Number Baseefa08ATEX0178X/1

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Description of the variation to the Equipment or Protective System

Variation 1.1

To permit 70W SON/E and MBI/E lamps with an integral ballast and transformer to be used on an 110V to 120V supply. The revised table of permitted lamps, ratings etc. is indicated below.

Lamp Type	Wattage W	Voltage V	Temperature Classification/Operating Temperature ° C	Ambient Temperature Range ° C	Cable Rating	Delay Before Opening (minutes)
GLS	150	24 - 240	T3/150	-55 to +55	80°C	10
GLS	200	24 - 240	T3/165	-55 to +55	90°C	
SON/E	50/70	110 - 120V 50/60Hz 200 - 250 50Hz 220 - 270 60Hz	T4/125	-55 to +55	80°C	
MBF/U	80	200 - 250 50Hz	T4/130	-55 to +55	80°C	
MBF/U	125	220 - 270 60Hz	T3/140	-55 to +40	70°C	
MBTF	160	200 - 250	T3/155	-55 to +40	70°C	
Fluorescent	18/26	12 - 260	T5/80	-55 to +55	70°C	
Induction	55	110 - 240	T5/98	-55 to +55	70°C	
MBI	70	110 - 120V 50/60Hz 200 - 250 50Hz 220 - 270 60Hz	T4/125	-55 to +55	80°C	

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Report Number

GB/BAS/ExTR09.0058/00

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Special Conditions for Safe Use

None

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Essential Health and Safety Requirements

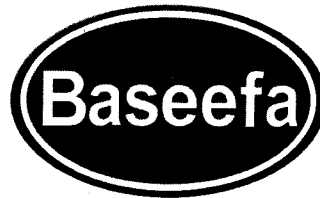
Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19

Drawings and Documents

Number	Sheet	Issue	Date	Description
H014356	1 to 5 inc.	2	09.03.09	Nevis Bulkhead Ex de IECEx and ATEX

The above drawings are common to IECEx BAS 08.0054 and are held with that certificate.



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: **Baseefa08ATEX0178/2**

4 Equipment or Protective System: **Nevis Bulkhead Luminaire**

5 Manufacturer: **Chalmit Lighting**

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

7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa08ATEX0178** 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.


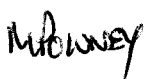
Baseefa Customer Reference No. **0068**

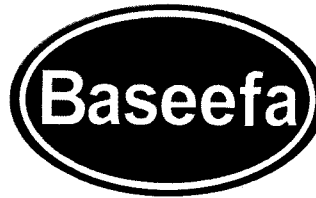
Project File No. **11/0850**

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DIRECTOR
On behalf of
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13 **Schedule**

14 **Certificate Number Baseefa08ATEX0178X/2**

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

Variation 2.1

Modifications to the cover to incorporate non-captive fixing screws.

Variation 2.2

Modifications to the cover to incorporate a single piece hinge.

16 **Report Number**

Baseefa Certification Report GB/BAS/ExTR11.0286/00

17 **Special Conditions for Safe 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
H014356	1 to 5 inc.	03	27.10.11	Nevis Bulkhead Ex de IECEX and ATEX

The above drawings are common to IECEX BAS 08.0054 and are held with that certificate.



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: **Baseefa08ATEX0178/3**

4 Equipment or Protective System: **Nevis Bulkhead Luminaire**

5 Manufacturer: **Chalmit Lighting**

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

7 This supplementary certificate extends EC -- Type Examination Certificate No. **Baseefa08ATEX0178** 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.

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Baseefa Customer Reference No. **0068**

Project File No. **12/0915**

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On behalf of
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Schedule

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Certificate Number Baseefa08ATEX0178X/3

15 Description of the variation to the Equipment or Protective System

Variation 3.1

Addition of an alternative internal assembly comprising an LED array and driver rated up to 52W.

The revised table of permitted lamps, ratings etc. is indicated below.

Lamp Type	Wattage W	Voltage V	Temperature Classification/Operating Temperature °C	Ambient Temperature Range °C	Cable Rating	Delay Before Opening (minutes)
GLS	150	24 - 240	T3/150	-55 to +55	80°C	10
GLS	200	24 - 240	T3/165	-55 to +55	90°C	
SON/E	50/70	110 - 120V 50/60Hz 200 - 250 50Hz 220 - 270 60Hz	T4/125	-55 to +55	80°C	
MBF/U	80	200 - 250 50Hz	T4/130	-55 to +55	80°C	
MBF/U	125	220 - 270 60Hz	T3/140	-55 to +40	70°C	
MBTF	160	200 - 250	T3/155	-55 to +40	70°C	
Fluorescent	18/26	12 - 260	T5/80	-55 to +55	70°C	
Induction	55	110 - 240	T5/98	-55 to +55	70°C	
MBI	70	110 - 120V 50/60Hz 200 - 250 50Hz 220 - 270 60Hz	T4/125	-55 to +55	80°C	
LED	52	100-277Vac 50/60Hz 110-390Vdc	T6/T80	-55 to +55	70°C	

* Note. Label to fitted stating "Do not open when an explosive atmosphere is present"

16 Report Number

Baseefa Certification Report GB/BAS/ExTR13.0033/00

17 Special Conditions for Safe 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
H014356	1 to 6 inc.	04	26.11.12	Nevis Bulkhead Ex de IECEx and ATEX

The above drawings are common to IECEx BAS 08.0054 and are held with that certificate.