



## 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: **BAS99ATEX2196/8**
- 4 Equipment or Protective System: **A Type XB12 Xenon Beacon**
- 5 Manufacturer: **Cooper MEDC Limited**
- 6 Address: **Colliery Road, Pinxton, Nottingham NG16 6JF**
- 7 This supplementary certificate extends EC - Type Examination Certificate No. **Bas** to apply to equipment or a protective system designed and constructed in accordance with the specification set out in the Schedule of this certificate and incorporates and supersedes all previous issues of the said certificate.
- 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 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.
- The examination and test results are recorded in confidential Report No. **GB/BAS/ExTR09.0249/00**.
- 9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
**EN60079-0: 2009** **EN60079-1: 2007**
- 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 Supplementary 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 :

**Ex** II 2 G Ex d IIB T\* Ta -\*\*°C to + \*°C Gb \* See Schedule

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

Baseefa Customer Reference No. **0676**

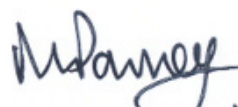
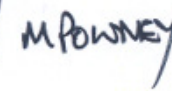
Project File No. **07/1043**

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

Rockhead Business Park, Staden Lane,  
Buxton, Derbyshire SK17 9RZ  
Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601  
e-mail [info@baseefa.com](mailto:info@baseefa.com) web site [www.baseefa.com](http://www.baseefa.com)

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 BAS99ATEX2196/8

15

### Description of the variation to the Equipment or Protective System

#### Variation 8.1

The Type XB12 Beacon comprises a cylindrical enclosure base and cover manufactured from glass reinforced polyester. The cover is secured with M8 screws of grade A2-70 or A4-80 stainless steel, and is fitted with a wellglass which may be provided with a wire guard.

The base is provided with two threaded cable entries and an optional mounting strap.

The enclosure houses various internal arrangements as indicated below.

A Xenon tube and associated printed circuit board to form a type XB12 Xenon Beacon, with control electronics and terminals. In this form the Xenon Beacon is rated up to 48V d.c., 254V a.c., 50W

A filament lamp rated up to 48V d.c., 254V a.c., 60W or 100W to form a type FB12 Luminaire.

Up to three fluorescent lamps, control electronics and ballasts rated up to 24V d.c., 240V a.c., 13W 26W and 39W respectively to form a type FL12 Luminaire.

A rotating tungsten halogen lamp assembly and control gear rated up to 24V d.c., 240V a.c., 55W or 70W to form a type TH12 beacon.

Beacon	Watts	Temperature Classification	Ambient Temperature Range	Cable Temperature Rise (K)
XB12	50	T4	-55°C to + 85°C	30
		T5	-55°C to + 55°C	
		T6	-55°C to + 40°C	
FB12	100	T3	-55°C to + 20°C	60
	60	T4	-55°C to + 55°C	35
T5		-55°C to + 30°C		
FL12	39	T4	-20°C to + 70°C	40
		T5	-20°C to + 40°C	
	26	T4	-20°C to + 85°C	35
		T5	-20°C to + 55°C	
		T6	-20°C to + 40°C	
	13	T4	-20°C to + 85°C	30
T5		-20°C to + 55°C		
T6		-20°C to + 40°C		
TH12	70	T3	-55°C to + 70°C	60
		T4	-55°C to + 55°C	
	55	T3	-55°C to + 70°C	30
		T4	-55°C to + 55°C	

Cable entry holes are provided as specified on the certified drawings for the accommodation of flameproof cable entry devices, with or without the interposition of a flameproof thread adapter. Unused entries are to be fitted with suitable certified flameproof stopping plugs.



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The cable entry devices, thread adapters and stopping plugs shall be suitable for the equipment, the cable and the conditions of use and shall be certified as Equipment (not a Component) under an EC Type Examination Certificate to Directive 94/9/EC.

**16 Report Number**

Baseefa Certification Report GB/BAS/ExTR09.0249/00.

**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**

The drawings indicated below amalgamate the current design and previous variations, and supersede all previous issues.

Number	Sheet	Issue	Date	Description
226-435	1	A	14.09.10	General Assembly
226-435	2	A	14.09.10	General Assembly
226-435	3	A	14.09.10	General Assembly
226-435	4	A	14.09.10	General Assembly
226-446	1	A	13.09.10	Certification 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: **BAS99ATEX2196/9**

4 Equipment or Protective System: **Type XB12 Xenon Beacon**

5 Manufacturer: **Cooper MEDC Limited**

6 Address: **Colliery Road, Pinxton, Nottingham, NG16 6JF**

7 This supplementary certificate extends EC – Type Examination Certificate No. **BAS99ATEX2196** 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.

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

Baseefa Customer Reference No. **0676**

Project File No. **11/0895**

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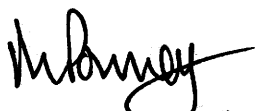
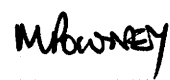
**Baseefa**

Rockhead Business Park, Staden Lane,  
Buxton, Derbyshire SK17 9RZ

Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601  
e-mail [info@baseefa.com](mailto:info@baseefa.com) web site [www.baseefa.com](http://www.baseefa.com)

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 BAS99ATEX2196/9

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

**Variation 9.1**

Minor dimensional change in the installation of the threaded brass inserts.

16 **Report Number**

Baseefa Certification Report GB/BAS/ExTR11.0291/00

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	Sheets	Issue	Date	Description
226-435	1-4	B	02-11-11	General Assembly (ATEX)

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: **BAS99ATEX2196/10**
- 4 Equipment or Protective System: **Type XB12 Xenon Beacon**
- 5 Manufacturer: **Cooper MEDC Limited**
- 6 Address: **Unit B, Sutton Parkway, Oddicroft Lane, Sutton-in-Ashfield, NG17 5FB**
- 7 This supplementary certificate extends EC – Type Examination Certificate No. **BAS99ATEX2196** 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.

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.

Baseefa Customer Reference No. **0676**

Project File No. **12/1044**

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**SGS Baseefa Limited**

Rockhead Business Park, Staden Lane,  
Buxton, Derbyshire SK17 9RZ

Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601

e-mail [info@baseefa.com](mailto:info@baseefa.com) web site [www.baseefa.com](http://www.baseefa.com)

Registered in England No. 4305578.

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



**P R S SINCLAIR**  
GENERAL MANAGER

On behalf of SGS Baseefa Limited

13

## Schedule

14

Certificate Number BAS99ATEX2196/10

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

**Variation 10.1**

To permit 10W, 6W and 2.5W end of line resistors if required.

**Variation 10.2**

To note a change of company address

16 **Report Number**

Baseefa Certification Report GB/BAS/ExTR13.0093/00.

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	Sheets	Issue	Date	Description
226-435	1 to 4	C	06.11.12	General Assembly (ATEX)

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: **BAS99ATEX2196/11**

4 Equipment or Protective System: **Type XB12 Xenon Beacon**

5 Manufacturer: **Cooper MEDC Limited**

6 Address: **Unit B, Sutton Parkway, Oddicroft Lane, Sutton-in-Ashfield, NG17 5FB**

7 This supplementary certificate extends EC – Type Examination Certificate No. **BAS99ATEX2196** 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.

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.

Baseefa Customer Reference No. **0676**

Project File No. **13/1035**

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**SGS Baseefa Limited**



Rockhead Business Park, Staden Lane,  
Buxton, Derbyshire SK17 9RZ

Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601

e-mail [info@baseefa.com](mailto:info@baseefa.com) web site [www.baseefa.com](http://www.baseefa.com)

Registered in England No. 4305578.

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

  
R S SINCLAIR  
GENERAL MANAGER  


On behalf of SGS Baseefa Limited



13

## Schedule

14

Certificate Number BAS99ATEX2196/11

15

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

### Variation 11.1

To permit a change of inline and end of line resistor valves.

16 **Report Number**

Baseefa Certification Report GB/BAS/ExTR14.0005/00.

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	Sheets	Issue	Date	Description
226-435	1-4	D	10.12.13	General Assembly (ATEX)

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: **BAS99ATEX2196/12**

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: **Type XB12 Xenon Beacon**

5 Manufacturer: **Eaton MEDC Limited**

6 Address: **Unit B, Sutton Parkway, Oddicroft Lane, Sutton-in-Ashfield, NG17 5FB**

7 This supplementary certificate extends EC – Type Examination Certificate No. BAS99ATEX2196 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. **0676**

Project File No. **17/0689**

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**SGS Baseefa Limited**

Rockhead Business Park, Staden Lane,  
Buxton, Derbyshire SK17 9RZ

Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601  
e-mail [baseefa@sgs.com](mailto:baseefa@sgs.com) web site [www.sgs.co.uk/baseefa](http://www.sgs.co.uk/baseefa)

Registered in England No. 4305578.

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R S SINCLAIR  
TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

13

## Schedule

14

Certificate Number BAS99ATEX2196/12

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

**Variation 12.1**

To allow the addition of an end of line resistor (R2) to the XB12 AC units.

**Variation 12.2**

To allow a reduction in diameter of the cover seal.

16 **Report Number**

GB/BAS/ExTR17.0332/00

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
226-435	1-4	E	13/09/17	General Assembly (ATEX)



## EC-TYPE EXAMINATION CERTIFICATE

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

EC-Type Examination Certificate Number : **BAS99ATEX2196**

Equipment or Protective System: **TYPE XB12 XENON BEACON**

Manufacturer: **MEDC**

Address: **Pinxton, Nottingham, NG16 6JF**

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

The Electrical Equipment Certification Service, notified body number 600 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 N°

**BASEEFA Certification Report 99(CI)0504 dated 10 November 1999**

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

**EN 50014: 1997**

**EN 50018: 1994**

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

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.

This EC-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment or protective system.

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



**II 2G**

**EEx d IIB T4 (T<sub>amb</sub> = -55°C to +55°C) or  
T5 (T<sub>amb</sub> = -55°C to +40°C)**

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

File No: **EECS 0676/01/274**

This certificate is granted subject to the general conditions of the Electrical Equipment Certification Service. It does not necessarily indicate that the apparatus may be used in particular industries or circumstances.



Electrical Equipment Certification Service  
Health and Safety Executive  
Harpur Hill, Buxton, Derbyshire. SK17 9JN, United Kingdom  
Tel: 01298 28000 Fax: 01298 28244



**PP** **I M CLEARE**  
**DIRECTOR**  
**18 November 1999**



**Schedule**

**EC-TYPE EXAMINATION CERTIFICATE N° BAS99ATEX2196**

**15 Description of Equipment or Protective System**

The Type XB12 Xenon Beacon may be rated from 12V d.c. to 240V a.c. with a maximum power dissipation of 50 watts, and comprises a cylindrical enclosure manufactured in glass reinforced polyester with a borosilicate wellglass cemented into the centre of the cover and retained by a circlip. The wellglass may be protected by an optional wire guard arrangement fixed to the cover.

The cover is secured by 6 off M8 x 30mm stainless steel socket head cap screws grade A2-70 or A4-80 with brass thread inserts embedded in the body shell.

The interior of the enclosure comprises a printed circuit board (PCB) incorporating a xenon tube and control electronics, mounted on pillars from the cover. In addition a 6 way terminal block rated up to 41A is mounted to the base of the enclosure.

To obviate the risk of hotspots and capacitor energy storage associated with this unit the cover must not be opened, even when isolated, when a flammable atmosphere is present. Each enclosure is marked with this information.

Up to two cable entry holes are provided in the side wall of the enclosure for the accommodation of suitable BASEEFA certified flameproof cable entry devices, with or without the interposition of a suitable BASEEFA certified flameproof thread adapter. Unused entries are to be fitted with suitable BASEEFA certified flameproof stopping plugs. Suitable flameproof cable entry devices, thread adapters and stopping plugs certified as Equipment (not a Component) under an EC-Type Examination Certificate to Directive 94/9/EC may also be used in the manner indicated above.

The cable entries may be linked by an optional earth continuity plate. Internal earthing facilities are provided along side the internal component connections.

This apparatus is to be installed and used in accordance with the appropriate codes of practice and the manufacturer's instructions.

This certification is to European Directive 94/9/EC only. Functional performance and compliance with other European directives is the responsibility of the equipment manufacturer and/or the user as appropriate.

**16 Report No.**

BASEEFA Certification Report No. 99(CI)0504

**17 SPECIAL CONDITIONS FOR SAFE USE**

None



13 **Schedule**

14 **EC-TYPE EXAMINATION CERTIFICATE N° BAS99ATEX2196**

18 **Essential Health and Safety Requirements**

<b>Essential Health and Safety Requirements not covered by Standards listed at (9)</b>		
<b>Clause</b>	<b>Subject</b>	<b>Compliance</b>
1.0.2	Analysis of possible operating faults	BASEEFA Report No. 99(CI)0504
1.0.3	Special checking and maintenance conditions	No special requirements
1.0.6	Instructions	BASEEFA Report No. 99(CI)0504
1.2.2	Components for incorporation or replacement	Manufacturer's Instructions
1.2.4	Dust deposits	Certification for gas atmospheres only
1.2.5	Additional means of protection	Not applicable
1.2.7	Protection against other hazards	BASEEFA Report No. 99(CI)0504
1.3.5	Hazards arising from pressure compensation	Not applicable
1.5	General requirements for safety devices	Not applicable
1.6.1	Manual override	Not applicable
1.6.2	Emergency shutdown	Not applicable
1.6.3	Hazards arising from power failure	Not applicable
1.6.5	Placing of warning devices as parts of equipment	Not applicable
2.0	Category M	Not applicable
2.1	Category 1	Not applicable
2.2.1	Category 2G	BASEEFA Report No. 99(CI)0504
2.2.2	Category 2D	Not applicable
2.3	Category 3	Not applicable
3.	Requirements for protective systems	Not applicable

19 **DRAWINGS**

<b>Number</b>	<b>Issue</b>	<b>Date</b>	<b>Description</b>
226-136	A	13/10/99	General Arrangement, Type XB12 Xenon Beacon
226-137	A	10/10/99	Label Detail

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BASEEFA List Keywords  
2WELLUM



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: BAS99ATEX2196/1**

4 **Equipment or Protective System: A TYPE XB12 XENON BEACON**

5 **Manufacturer: MEDC**

6 **Address: Pinxton, Nottingham, NG16 6JF**

7 This supplementary certificate extends EC-Type Examination Certificate No. BAS99ATEX2196 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.

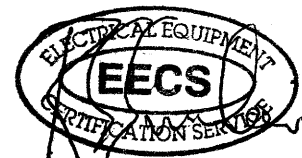
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File No: EECS 0676/01/274

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Electrical Equipment Certification Service  
Health and Safety Executive  
Harpur Hill, Buxton, Derbyshire. SK17 9JN. United Kingdom  
Tel: 01298 28000 Fax: 01298 28244



I M CLEARE  
DIRECTOR  
30 June 2000



13

**Schedule**

14 **SUPPLEMENTARY EC-TYPE EXAMINATION CERTIFICATE N° BAS99ATEX2196/1**

**Description of the Variation to the Equipment or Protective System**

**VARIATION 1.1**

Replacement of the xenon tube and control gear with a filament lamp rated up to 240V a.c. up to 60W or up to 100W to form a type FB12 luminaire.

For the 60W FB12 luminaire the temperature classification is T4 ( $T_{amb} = -55^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$ ) or T5 ( $T_{amb} = -55^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$ ).

For the 100W FB12 luminaire the temperature classification is T3 ( $T_{amb} = -55^{\circ}\text{C}$  to  $+30^{\circ}\text{C}$ )

**VARIATION 1.2**

Replacement of the xenon tube and control gear with up to three fluorescent lamps and ballast's each rated up to 240Va.c. 13W, or a 13W fluorescent lamp and control gear rated at 24Vd.c. to form a type FL12 luminaire.

For the 13W a.c. & d.c. FL12 luminaire the temperature classification is T5 ( $T_{amb} = -55^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$ ) or T6 ( $T_{amb} = -55^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$ ).

For the 26W FL12 luminaire the temperature classification is T4 ( $T_{amb} = -55^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$ ) or T5 ( $T_{amb} = -55^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$ ).

For the 39W FL12 luminaire the temperature classification is T4 ( $T_{amb} = -55^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$ )

*Note: For functional purposes the FL12 luminaires are marked with a minimum ambient temperature of  $-20^{\circ}\text{C}$ .*

**Report No.**

BASEEFA Report No. 00(CI)0061 dated 12 June 2000

**Special Conditions for Safe Use**

None

**Essential Health and Safety Requirements**

See original certificate





13

**Schedule**

14 **SUPPLEMENTARY EC-TYPE EXAMINATION CERTIFICATE N° BAS99ATEX2196/1**

**DRAWINGS**

<b>Number</b>	<b>Sheet</b>	<b>Issue</b>	<b>Date</b>	<b>Description</b>
226-136	1	B	20.4.00	General Assembly - Xenon Beacon
226-136	2	B	20.4.00	General Assembly - Fluorescent & Filament Beacon
226-136	3	B	20.4.00	General Assembly - Fluorescent Beacon
226-176	-	A	02.6.00	Certification Label - FL12 - Luminaire
226-177	-	A	02.6.00	Certification Label - FB12 - Luminaire

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



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: BAS99ATEX2196/2**

4 **Equipment or Protective System: A TYPE XB12 XENON BEACON**

5 **Manufacturer: MEDC LIMITED**

6 **Address: Pinxton, Nottingham, NG16 6JF**

7 This supplementary certificate extends EC-Type Examination Certificate No. BAS99ATEX2196 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.

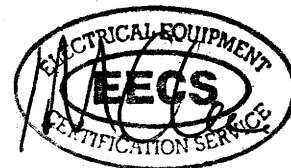
This certificate may only be reproduced in its entirety and without any change, schedule included.

File No: EECS 0676/01/274

This certificate is granted subject to the general conditions of the Electrical Equipment Certification Service. It does not necessarily indicate that the apparatus may be used in particular industries or circumstances.



Electrical Equipment Certification Service  
Health and Safety Executive  
Harpur Hill, Buxton, Derbyshire, SK17 9JN, United Kingdom  
Tel: +44(0)1298 28000 Fax: +44(0)1298 28244  
internet: www.baseefa.com e-mail: baseefa.info.eecs@hsl.gov.uk



I M CLEARE  
DIRECTOR  
30 April 2002



13

**Schedule**

14 **SUPPLEMENTARY EC-TYPE EXAMINATION CERTIFICATE N° BAS99ATEX2196/2**

**Description of the Variation to the Equipment or Protective System**

**VARIATION 2.1**

Increase in the maximum permitted ambient temperature with associated Temperature Classification of T4 ( $T_{amb} = -55^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$ ) for the Type XB12 Xenon Beacon only, together with minor changes to the certified drawings.

**Report No.**

02(C)0329

**Special Conditions For Safe Use**

None

**Essential Health and Safety Requirements**

See original certificate.

**DRAWINGS**

Number	Sheet	Issue	Date	Description
226-136	1	C	03-04-02	General Assembly - Xenon Beacon
226-136	2	C	03-04-02	General Assembly - Fluorescent & Filament Beacon
226-136	3	C	03-04-02	General Assembly - Fluorescent Beacon
226-137	-	B	24/04/02	Certification Label - XB12 Xenon Beacon

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**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: BAS99ATEX2196/3**

**4 Equipment or Protective System: A TYPE XB12 BEACON**

**5 Manufacturer: MEDC Limited**

**6 Address: Colliery Road, Pinxton, Nottingham NG16 6JF**

**7 This supplementary certificate extends EC - Type Examination Certificate No. BAS99ATEX2196 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.

The original certificate was issued by The Electrical Equipment Certification Service, Notified Body Number 0600, which retains responsibility for its original documentation. Baseefa (2001) Ltd., 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 may only be reproduced in its entirety, without any change, schedule included.

Baseefa (2001) Ltd. Customer Reference No. 0676

Project File No. 03/0691

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

**R S SINCLAIR**

**DIRECTOR  
On behalf of  
Baseefa (2001) Ltd.**

**Baseefa (2001) Ltd.**

Health and Safety Laboratory Site, Harpur Hill,  
Buxton, Derbyshire SK17 9JN  
Telephone +44 (0) 1298 28255 Fax +44 (0) 1298 28216  
e-mail [info@baseefa2001.biz](mailto:info@baseefa2001.biz) web site [www.baseefa2001.biz](http://www.baseefa2001.biz)  
Registered in England No. 4305578 at 13 Dovedale Crescent, Buxton,  
Derbyshire, SK17 9BJ



13

### Schedule

14

Certificate Number BAS99ATEX2196/3

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

**Variation 3.1**

Alternative internal arrangement comprising a rotating lamp assembly to form a Type TH12 Beacon.

The beacons are rated at 12V d.c. or 24V d.c. or 110V a.c. or 240V a.c..

The 12V d.c. version is fitted with a 50W tungsten halogen lamp, all other voltage ratings are fitted with a 70W tungsten halogen lamp.

The temperature classifications together with the associated cable entry temperature are as follows;

T4 (Tamb -55°C to +70°C) cable entry temperature may exceed 100°C

T5 (Tamb -55°C to +40°C) cable entry temperature may exceed 70°C

A warning is included on the certification label regarding the cable entry temperature.

16 **Report Number**

Baseefa Certification Report 03(C)0691

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
261-105	1	A	05/09/03	General Arrangement TH12 Rotating Beacon
261-105	2	A	05/09/03	General Arrangement TH12 Rotating Beacon
261-106	-	A	28/07/03	Certification 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: **BAS99ATEX2196**

4 Equipment or Protective System: **A Type XB12 Xenon Beacon**

5 Manufacturer: **MEDC Limited**

6 Address: **Colliery Road, Pinxton, Nottingham, NG16 6JF**

7 This supplementary certificate extends EC – Type Examination Certificate No. BAS99ATEX2196 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.

The original certificate was issued by The Electrical Equipment Certification Service, Notified Body Number 0600, which retains responsibility for its original documentation. Baseefa (2001) Ltd., 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 may only be reproduced in its entirety, without any change, schedule included.

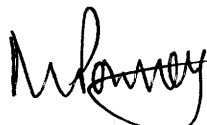
Baseefa Customer Reference No. **0676**

Project File No. **06/0679**

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

**Baseefa**

Rockhead Business Park, Staden Lane,  
Buxton, Derbyshire SK17 9RZ  
Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601  
e-mail [info@baseefa.com](mailto:info@baseefa.com) web site [www.baseefa.com](http://www.baseefa.com)  
Baseefa is a trading name of Baseefa (2001) Ltd  
Registered in England No. 4305578 at the above address

  
R S SINCLAIR  
DIRECTOR  
On behalf of  
Baseefa (2001) Ltd.



13

### Schedule

14

Certificate Number BAS99ATEX2196/4

15

#### Description of the variation to the Equipment or Protective System

##### Variation 4.1

To record the following reports which are reproductions of the original BASEEFA Internal Certification Report 99(CI)0504, which supported BAS99ATEX2196 and 00(CI)0061 referred to in 03(C)0329 which supported BAS99ATEX2196/2, made suitable for external issue.

16

#### Report Number

Baseefa Certification Reports 06(C)0679 and 06(C)0679-1

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

None



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      See Schedule  
Number:

4 Equipment or protective system:                              See Schedule

5 Manufacturer:    MEDC

6 Address:    Colliery Road, Pinxton, Nottingham, NG16 6JF

7 This supplementary certificate extends the EC - Type Examination Certificates listed in the Schedule to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedules of the said Certificates but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

A copy of this Supplementary Certificate shall be attached to each of the original Certificates.

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

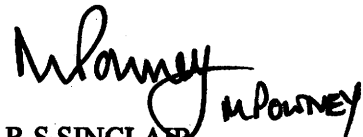
Baseefa Customer Reference No. 0676

Project File No. 07/0181

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

**Baseefa**

Rockhead Business Park, Staden Lane,  
Buxton, Derbyshire SK17 9RZ  
Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601  
e-mail [info@baseefa.com](mailto:info@baseefa.com) web site [www.baseefa.com](http://www.baseefa.com)  
Baseefa is a trading name of Baseefa (2001) Ltd  
Registered in England No. 4305578 at the above address

  
R S SINCLAIR

DIRECTOR  
On behalf of  
Baseefa (2001) Ltd.





### Schedule

#### Description of the variation to the Equipment or Protective System

To permit the use of epoxy or acrylic paint processes on the products detailed below.

Certificate No.	Supplement No.	Equipment Type
BAS99ATEX2195X	5	XBII
BAS99ATEX2196	5	XB12,FB12,TH12,FL12,
BAS00ATEX2031	2	XB9
BAS00ATEX2097X	9	DB3, DB3L, DB4, DB4L
BAS00ATEX2098X	9	DB3E, DB3E, DB4, DB4E
BAS00ATEX2204X	1	XB10
BAS00ATEX2226X	1	XB10E
BAS02ATEX2086X	5	DB10
BAS02ATEX2105X	4	BGE, PBE
Baseefa03ATEX0084X	2	BG1, PB1
Baseefa04ATEX0009X	3	XB15, FB15, FL15, LD15, TH15
Baseefa04ATEX0166X	2	DB16 IIB
Baseefa04ATEX0167X	2	DB16 IIC
Baseefa05ATEX0198X	1	DB20 IIB
Baseefa05ATEX0199X	1	DB20 IIC

#### Report No.

None

#### Special Conditions for Safe Use

None additional to those listed previously

#### Essential Health and Safety Requirements

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

#### Drawings and Documents

Number	Issue	Date	Description
122-808	1	05/03/07	Addition of Optional Acrylic Paint to Products Listed.



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: **BAS99ATEX2196**

4 Equipment or Protective System: **A Type XB12 Xenon Beacon**

5 Manufacturer: **MEDC Limited**

6 Address: **Colliery Road, Pinxton, Nottingham, NG 16 6JF**

7 This supplementary certificate extends EC - Type Examination Certificate No. **BAS99ATEX2196** 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.

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

Baseefa Customer Reference No. **0676**

Project File No. **08/0390**

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Rockhead Business Park, Staden Lane,  
Buxton, Derbyshire SK17 9RZ  
Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601  
e-mail [info@baseefa.com](mailto:info@baseefa.com) web site [www.baseefa.com](http://www.baseefa.com)  
Baseefa is a trading name of Baseefa Ltd  
Registered in England No. 4305578. Registered address as above.

A handwritten signature in black ink, appearing to read "R S Sinclair".

**R S SINCLAIR**  
**DIRECTOR**  
On behalf of  
Baseefa



13

### Schedule

14

Certificate Number BAS99ATEX2196/6

15

#### Description of the variation to the Equipment or Protective System

##### Variation 6.1

To permit a reduction of the minimum flamepath length of the flat flange between the base and the cover to 12.5mm.

16

#### Report Number

Baseefa Certification Report 08(C)0390

17

#### Special Conditions for Safe Use

None.

18

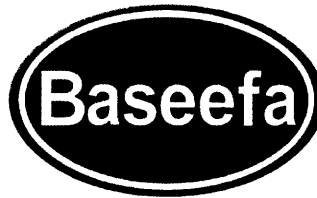
#### Essential Health and Safety Requirements

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

19

#### Drawings and Documents

Number	Sheet	Issue	Date	Description
226-136	1 to 3	D	05.06.08	General Arrangement – XB12 Xenon Beacon



**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:** **BAS99ATEX2196/7**

**4 Equipment or Protective System:** **A Type XB12 Xenon Beacon**

**5 Manufacturer:** **Cooper MEDC Limited**

**6 Address:** **Colliery Road, Pinxton, Nottingham, NG 16 6JF**

**7 This supplementary certificate extends EC – Type Examination Certificate No. BAS99ATEX2196 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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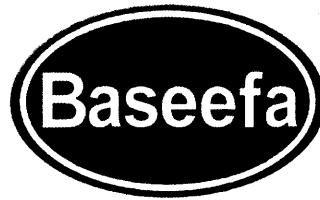
Baseefa Customer Reference No. 0676

Project File No. 10/0497

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**R S SINCLAIR**  
**DIRECTOR**  
On behalf of  
Baseefa

**Baseefa**  
Rockhead Business Park, Staden Lane,  
Buxton, Derbyshire SK17 9RZ  
Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601  
e-mail [info@baseefa.com](mailto:info@baseefa.com) web site [www.baseefa.com](http://www.baseefa.com)  
Baseefa is a trading name of Baseefa Ltd  
Registered in England No. 4305578. Registered address as above.



13

**Schedule**

14

**Certificate Number BAS99ATEX2196/7**

15

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

**Variation 7.1**

To permit the addition of inline and end-of-line resistors if required.

16

**Report Number**

None.

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**

<b>Number</b>	<b>Sheet</b>	<b>Issue</b>	<b>Date</b>	<b>Description</b>
226-136	1 to 3	E	18.06.10	General Arrangement – XB12 Xenon Beacon