

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 **Baseefa10ATEX0092X/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: **WPA Series LED Luminaire**

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. Baseefa10ATEX0092X 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 in England No. 4305578.

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


R S SINCLAIR

TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

13

Schedule

14

Certificate Number Baseefa10ATEX0092X/7

15 Description of the variation to the Product

Variation 7.1

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 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: **Baseefa10ATEX0092X/6**

4 Equipment or Protective System: **WPA Series LED Luminaire**

5 Manufacturer: **Dialight Europe Ltd**

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

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa10ATEX0092X 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. **12/0824**

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R S SINCLAIR
GENERAL MANAGER

On behalf of SGS Baseefa Limited

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Schedule

14

Certificate Number Baseefa10ATEX0092X/6

15

Description of the variation to the Equipment or Protective System

Variation 6.1

To allow alternative Ex e terminals on the emergency luminaires.

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Report Number

GB/BAS/ExTR14.0011/00

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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 | Issue | Date | Description |
|------------|-------|-------|-------------|---|
| WEA-000830 | 1-2 | C | 14-NOV-2013 | Type WPA series LED emergency version G.A |



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: **Baseefa10ATEX0092X/5**

4 Equipment or Protective System: **WPA Series LED Luminaire**

5 Manufacturer: **Dialight Europe Ltd**

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

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa10ATEX0092X 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. **12/0185**

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R S SINCLAIR
DIRECTOR
On behalf of
Baseefa



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Schedule

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Certificate Number Baseefa10ATEX0092X/5

15 Description of the variation to the Equipment or Protective System

Variation 5.1

To allow a transportable option where the bulkhead luminaire is mounted onto a frame allowing it to be moved and used at temporary worksites.

Variation 5.2

To allow an optional external frame to support a plastic lens in front of the glass cover.

Variation 5.3

To allow an alternative LED tray to be used incorporating 5 x 0.5W LEDs. In this configuration the luminaire is suitable for an ambient temperature range of $-40^{\circ}\text{C} < T_a < +40^{\circ}\text{C}$ for T6 or $-40^{\circ}\text{C} < T_a < +50^{\circ}\text{C}$ for T5. The upper ambient temperatures are reduced by 5°C for recess mount luminaires.

Variation 5.4

Minor internal changes including some component changes.

Variation 5.5

Minor label changes including an optional re-designation of the products as **SafeSite WPA Series LED** Luminaires.

16 Report Number

GB/BAS/ExTR12.0101/00

17 Specific Conditions of Use

As listed previously and additionally:

1. The transportable luminaire must be de-energised before being moved and must not be used if it is dropped or damaged during transportation.
2. When the plastic lens is fitted the luminaire must not be located in a dust laden air-stream.

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 |
|------------|--------|-------|-----------|-----------------------|
| SCH-000700 | 1 | C | 02-Mar-12 | Emergency LED Driver |
| DLC-001667 | 1 | A | 12-Mar-12 | Transportable |
| DLC-001667 | 2 | A | 21-Feb-12 | Sand blast- fire exit |
| WPA-000593 | 1 & 2 | E | 03-Feb-12 | WPA series GA |
| A70-001445 | 1 | B | 31-Jan-12 | Gear tray |
| A70-001446 | 1 | B | 31-Jan-12 | Battery support plate |
| A40-000520 | 1 | D | 04/04/12 | Label |



| Number | Sheets | Issue | Date | Description |
|---------------|---------------|--------------|-------------|--------------------|
| A40-000704 | 1 | C | 04/04/12 | Label |
| A40-000705 | 1 | B | 04/04/12 | Label |
| A40-000663 | 1 | C | 04/04/12 | Label |
| A40-000854 | 1 | C | 10-Apr-12 | Label |
| A40-000849 | 1 | D | 10-Apr-12 | Label |

These drawings are common to and held with IECEXBAS10.0051X



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: **Baseefa10ATEX0092X/4**
- 4** Equipment or Protective System: **WPA Series LED Luminaire**
- 5** Manufacturer: **Dialight Europe Ltd**
- 6** Address: **Exning Road, Newmarket, Suffolk, CB8 0AX**
- 7** This supplementary certificate extends EC – Type Examination Certificate No. Baseefa10ATEX0092X 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. **11/0854**

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

R S SINCLAIR
DIRECTOR
On behalf of
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Certificate Number Baseefa10ATEX0092X/4

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

Variation 4.1

To allow the use of a higher capacity (10Ah) battery pack in the emergency luminaires which enables up to 27 LEDs to be illuminated when the mains power fails. When this battery pack is installed the luminaires are suitable for use in an ambient range from -20°C to +40°C (27 LEDs) or -20°C to +50°C (9 or 18 LEDs) unless the upper ambient temperature is limited by other factors.

This battery pack can be used in both the single and double luminaires.

16 **Report Number**

GB/BAS/ExTR11.0306/00

17 **Specific Conditions of Use**

As 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 |
|------------|--------|-------|-----------|-----------------------|
| SCH-000700 | 1 | B | 28-Oct-11 | Emergency LED Driver |
| WEA000830 | 1 & 2 | B | 27-Oct-11 | General arrangement |
| A70-000650 | 1 | B | 9-Sep-11 | Driver tray |
| A70-001445 | 1 | A | 11-Nov-11 | Gear tray |
| A70-001446 | 1 | A | 11-Nov-11 | Battery support plate |
| A80-001500 | 1 | A | 25-Nov-11 | 10Ah battery pack |
| DEA-001225 | 1 & 2 | B | 31-Oct-11 | Double luminaire GA |
| DBA-001226 | 1 & 2 | B | 22-Nov-11 | Double luminaire GA |
| A40-000849 | 1 | B | 2-Nov-11 | Stainless steel label |
| A40-000854 | 1 | B | 2-Nov-11 | Kroy label |

These drawings are common to and held with IECEXBAS10.0051X



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: **Baseefa10ATEX0092X/3**

4 Equipment or Protective System: **WPA Series LED Luminaire**

5 Manufacturer: **Dialight BLP Ltd**

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

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa10ATEX0092X 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. **10/1031**

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

R S SINCLAIR
DIRECTOR
On behalf of
Baseefa



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Schedule

14

Certificate Number Baseefa10ATEX0092X/3

15 Description of the variation to the Equipment or Protective System

Variation 3.1

To add an emergency version with integral battery pack, Designation "WEA". Luminaires with a battery pack installed are suitable for use in an ambient range from 0°C to +60°C unless the upper ambient temperature is limited by other factors.

Variation 3.2

To add double version, designation "DBA", and double emergency version with integral battery pack, designation "DEA".

16 Report Number

GB/BAS/ExTR11.0102/00

17 Special Conditions for Safe Use

As 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 |
|------------|--------|-------|-------------|-------------------------------|
| SCH-000700 | 1 | A | 26-May-2011 | Emergency LED Driver |
| WEA000830 | 1 & 2 | A | 26-May-2011 | General arrangement |
| A70-000844 | 1 | A | 26-May-2011 | Gear tray |
| A50-000832 | 1 | A | 26-May-2011 | LED cable |
| A80-000799 | 1 | A | 26-May-2011 | Battery Pack |
| DEA-001225 | 1 & 2 | A | 26-May-2011 | Double emergency luminaire GA |
| DBA-001226 | 1 & 2 | A | 26-May-2011 | Double luminaire GA |

These drawings are common to and held with IECExBAS10.0051X



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: **Baseefa10ATEX0092X/2**

4 Equipment or Protective System: **WPA Series LED Luminaire**

5 Manufacturer: **Dialight BLP Ltd**

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

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa10ATEX0092X 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. **10/0685**

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

R S SINCLAIR
DIRECTOR
On behalf of
Baseefa



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Schedule

14

Certificate Number Baseefa10ATEX0092X/2

15 Description of the variation to the Equipment or Protective System

Variation 2.1

To allow up to 27 LEDs to be used in which case the coding becomes:

⊕ II Ex d e mb IIC T6 Gb Ex tb IIIC T85°C Db IP66/67 T_a -40°C to +40°C

or

⊕ II Ex d e mb IIC T5 Gb Ex tb IIIC T100°C Db IP66/67 T_a -40°C to +50°C

And for the recessed mounting becomes:

⊕ II Ex d e mb IIC T6 Gb Ex tb IIIC T85°C Db IP66/67 T_a -40°C to +35°C

or

⊕ II Ex d e mb IIC T5 Gb Ex tb IIIC T100°C Db IP66/67 T_a -40°C to +45°C

Variation 2.2

To allow an alternative stanchion mounting arrangement.

Variation 2.3

To allow a minor change in the O-ring dimensions

Variation 2.4

To allow minor modifications to the label details

§ **Report Number**
GB/BAS/ExTR10.0262/00

17 Special Conditions for Safe Use

As 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 |
|------------|--------|-------|------------|------------------|
| WPA-000593 | 1 & 2 | D | 5-JAN-2011 | General assembly |
| A40-000520 | 1 | B | 22/9/10 | Label |
| A40-000663 | 1 | B | 7/9/10 | Label |
| A40-000704 | 1 | A | 11/1/11 | Label |
| A40-000705 | 1 | A | 11/1/11 | Label |

These drawings are common to and held with IECExBAS10.0051X



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: **Baseefa10ATEX0092X/1**
- 4** Equipment or Protective System: **WPA Series LED Luminaire**
- 5** Manufacturer: **Dialight BLP Ltd**
- 6** Address: **Exning Road, Newmarket, Suffolk, CB8 0AX**
- 7** This supplementary certificate extends EC – Type Examination Certificate No. Baseefa10ATEX0092X 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. **10/0505**

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

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Schedule

14

Certificate Number Baseefa10ATEX0092X/1

15 Description of the variation to the Equipment or Protective System

Variation 1.1

To allow an optional DC version suitable for connection to a DC supply of 24-48V.

16 Report Number

GB/BAS/ExTR10.0154/00

17 Special Conditions for Safe Use

As listed previously and additionally.

1. The 24-48V DC luminaire must only be used with a galvanically isolated circuit.

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 |
|------------|--------|-------|-------------|------------------|
| WPA-000593 | 1 & 2 | C | 02-Jul-2010 | General assembly |
| A40-000622 | 1 | A | 20/05/10 | DC label |
| A40-000664 | 1 | A | 02/07/10 | DC label |
| A40-000666 | 1 | A | 02/07/10 | DC label |
| A40-000663 | 1 | A | 02/07/10 | AC label |
| A40-000665 | 1 | A | 02/07/10 | AC label |
| A40-000520 | 1 | A | 22/04/10 | AC label |

These drawings are common to and held with IECExBAS10.0051X



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: **Baseefa10ATEX0092X**

4 Equipment or Protective System: **WPA Series LED Luminaire**

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/ExTR10.0084.00**

9 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, IEC 60079-18: 2009 and 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 Ex d e mb IIC T6 Gb Ex tb IIC T85°C Db IP66/67 T_a -40°C to +50°C

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

Baseefa Customer Reference No. **5801**

Project File No. **09/0988**

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Schedule

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Certificate Number Baseefa10ATEX0092X

15 Description of Equipment or Protective System

The Type WPA Series LED Luminaire consists of a rectangular cast aluminium enclosure with a glass cover held in aluminium frame which is secured to the enclosure using 4 screws. Adequate sealing to maintain the IP66/67 ingress protection rating is ensured by a silicone O-ring and a silicone gasket between the glass and the frame.

The enclosure contains and Ex d electronic driver circuit covered by certificate Baseefa10ATEX0083X or Baseefa10ATEX0084X and a component LED Module covered by Baseefa10ATEX0091U. The LED Modules include up to 27 LEDs of which 18 may be powered up at any one time.

The luminaire is rated for connection to a 100-277V ac supply.

Variation 0.1

To allow use at an increased ambient temperature of +60°C in which case the marking becomes:

⊕ II Ex d e mb IIC T5 Gb Ex tb IIIC T100°C Db IP66/67 T_a -40°C to +60°C

Variation 0.2

To allow the luminaire to be mounted recessed in which case the ambient temperature is reduced by 5°C and the marking becomes:

⊕ II Ex d e mb IIC T6 Gb Ex tb IIIC T85°C Db IP66/67 T_a -40°C to +45°C

Or

⊕ II Ex d e mb IIC T5 Gb Ex tb IIIC T100°C Db IP66/67 T_a -40°C to +55°C

16 Report Number

GB/BAS/ExTR10.0084.00

17 Special Conditions for Safe Use

1. Suitably certified cable entries must be used which include a sealing washer to maintain the IP66/67 rating of the enclosure.
2. The supply to the luminaire must include a fuse which is capable of interrupting a 1500A short circuit current.

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 | Sheets | Issue | Date | Description |
|------------|--------|-------|-------------|------------------|
| WPA-000593 | 2 | B | 10-JUN-2010 | General assembly |
| A40-000520 | 1 | A | 22/04/10 | Label |

These drawings are common to and held with IECEx BAS10.0051X