

## Certificate of Product Approval

Certificate Number: 714q

Issue: 03

### Cooper Lighting & Safety Ltd

Wheatley Hall Road  
Doncaster  
South Yorkshire  
DN2 4NB  
United Kingdom



is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirement(s) of the standards as detailed below:

#### Products

##### Alarm Warning Devices

CASB393, FXN559LPS, MASB880, CASB393WP, FXN559LPSWP, MASB880WP, CASBB394, FXN557, MASB890, CASBB394-O, CASB483, MASB883, FXN583, CASB483WP, MASB883WP, FXN583WP, CASB493, MASB893, FXN593, CASB493WP, MASB893WP, FXN593WP  
(refer to Appendix for details)

#### Standards

**EN 54-23:2010**  
**EN 54-3:2001 + A1:2002 + A2:2006**  
**EN 54-17:2005**

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M McCullagh  
Verifier

28 October 2016  
Date of Issue

05 February 2015  
Date of First Issue



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## Appendix to Certificate No: 714q Cooper Lighting & Safety Ltd

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| Certified Product | Description   | LPCB Ref.No. |
|-------------------|---|--------------|
| CASB393           | Addressable Type A Wall Sounder Beacon with Short Circuit Isolator (Red Housing)<br>Notes:<br>1) Meets the requirements of EN 54-23 at the following:<br>- Category rating Open Class<br>- Synchronization<br>- Flash rate 0.5Hz<br>- White LED<br>- Clear Lens<br>2) Meets the requirements of EN 54-3 at the following tones:<br>- Continuous 984Hz<br>- Two Tone – 644 / 984Hz @ 1Hz cycle<br>- Slow whoop – 500-1200Hz in 3.5s / 0.5s gap | 714q/01      |
| FXN559LPS         | Addressable Type A Wall Sounder Beacon with Short Circuit Isolator (Red Housing)<br>Notes:<br>1) Meets the requirements of EN 54-23 at the following:<br>- Category rating Open Class<br>- Synchronization<br>- Flash rate 0.5Hz<br>- White LED<br>- Clear Lens<br>2) Meets the requirements of EN 54-3 at the following tones:<br>- Continuous 984Hz<br>- Two Tone – 644 / 984Hz @ 1Hz cycle<br>- Slow whoop – 500-1200Hz in 3.5s / 0.5s gap | 714q/01      |
| MASB880           | Addressable Type A Wall Sounder Beacon with Short Circuit Isolator (Red Housing)<br>Notes:<br>1) Meets the requirements of EN 54-23 at the following:<br>- Category rating Open Class<br>- Synchronization<br>- Flash rate 0.5Hz  | 714q/01      |

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|-------------------|---|--------------|
|                   | <ul style="list-style-type: none"> <li>- White LED</li> <li>- Clear Lens</li> <li>2) Meets the requirements of EN 54-3 at the following tones:                             <ul style="list-style-type: none"> <li>- Continuous 984Hz</li> <li>- Two Tone – 644 / 984Hz @ 1Hz cycle</li> <li>- Slow whoop – 500-1200Hz in 3.5s / 0.5s gap</li> </ul> </li> </ul>   |              |
| CASB393WP         | Addressable Type B Wall Sounder Beacon with Short Circuit Isolator (Red Housing)<br>Notes: <ol style="list-style-type: none"> <li>1) Meets the requirements of EN 54-23 at the following:                             <ul style="list-style-type: none"> <li>- Category rating Open Class</li> <li>- Synchronization</li> <li>- Flash rate 0.5Hz</li> <li>- White LED</li> <li>- Clear Lens</li> </ul> </li> <li>2) Meets the requirements of EN 54-3 at the following tones                             <ul style="list-style-type: none"> <li>- Continuous 984Hz</li> <li>- Two Tone – 644 / 984Hz @ 1Hz cycle</li> <li>- Slow whoop – 500-1200Hz in 3.5s / 0.5s gap</li> </ul> </li> </ol>       | 714q/02      |
| FXN559LPSWP       | Addressable Type B Wall Sounder Beacon with Short Circuit Isolator (Red Housing) (JSB)<br>Notes: <ol style="list-style-type: none"> <li>1) Meets the requirements of EN 54-23 at the following:                             <ul style="list-style-type: none"> <li>- Category rating Open Class</li> <li>- Synchronization</li> <li>- Flash rate 0.5Hz</li> <li>- White LED</li> <li>- Clear Lens</li> </ul> </li> <li>2) Meets the requirements of EN 54-3 at the following tones                             <ul style="list-style-type: none"> <li>- Continuous 984Hz</li> <li>- Two Tone – 644 / 984Hz @ 1Hz cycle</li> <li>- Slow whoop – 500-1200Hz in 3.5s / 0.5s gap</li> </ul> </li> </ol> | 714q/02      |

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Issue: 03

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| MASB880WP         | Addressable Type B Wall Sounder Beacon with Short Circuit Isolator (Red Housing) (Menvier)<br>Notes:<br>1) Meets the requirements of EN 54-23 at the following:<br>- Category rating Open Class<br>- Synchronization<br>- Flash rate 0.5Hz<br>- White LED<br>- Clear Lens<br>2) Meets the requirements of EN 54-3 at the following tones<br>- Continuous 984Hz<br>- Two Tone – 644 / 984Hz @ 1Hz cycle<br>- Slow whoop – 500-1200Hz in 3.5s / 0.5s gap  | 714q/02      |
| CASBB394          | Addressable Type A Base Sounder Beacon (Open Class VAD) with Short Circuit Isolator (White Housing)<br>Notes:<br>1) Meets the requirements of EN 54-23 at the following:<br>Category rating Open Class<br>Synchronization<br>Flash rate 0.5Hz<br>White LED<br>Clear Lens<br>2) Meets the requirements of EN 54-3 at the following tones:<br>Continuous 910Hz<br>Two tone 610 / 910Hz at 1Hz cycle<br>Slow whoop 500 – 1200Hz in 3.5 seconds / 0.5second gap<br>3) If detector heads are to be mounted on the addressable base sounder beacons the approved detector heads shall comply with the following physical attributes:<br>Maximum Outer diameter 101mm<br>Maximum height 43mm<br>4) CASC cover for sounder base | 714q/03      |

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| FXN557            | Addressable Type A Base Sounder Beacon (Open Class VAD) with Short Circuit Isolator (White Housing) (JSB)<br>Notes:<br>1) Meets the requirements of EN 54-23 at the following:<br>Category rating Open Class<br>Synchronization<br>Flash rate 0.5Hz<br>White LED<br>Clear Lens<br>2) Meets the requirements of EN 54-3 at the following tones:<br>Continuous 910Hz<br>Two tone 610 / 910Hz at 1Hz cycle<br>Slow whoop 500 – 1200Hz in 3.5 seconds / 0.5second gap<br>3) If detector heads are to be mounted on the addressable base sounder beacons the approved detector heads shall comply with the following physical attributes:<br>Maximum Outer diameter 101mm<br>Maximum height 43mm<br>4) CASC cover for sounder base | 714q/03      |
| MASB890           | Addressable Type A Base Sounder Beacon (Open Class VAD) with Short Circuit Isolator (White Housing) (Menvier)<br>Notes:<br>1) Meets the requirements of EN 54-23 at the following:<br>Category rating Open Class<br>Synchronization<br>Flash rate 0.5Hz<br>White LED<br>Clear Lens<br>2) Meets the requirements of EN 54-3 at the following tones:<br>Continuous 910Hz<br>Two tone 610 / 910Hz at 1Hz cycle<br>Slow whoop 500 – 1200Hz in 3.5 seconds / 0.5second gap   | 714q/03      |

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Issue: 03

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|-------------------|---|--------------|
|                   | 3) If detector heads are to be mounted on the addressable base sounder beacons the approved detector heads shall comply with the following physical attributes:<br>Maximum Outer diameter 101mm<br>Maximum height 43mm<br>4) CASC cover for sounder base  |              |
| CASBB394-O        | Addressable Type A Base Sounder Beacon (Open Class VAD) with Short Circuit Isolator (White Housing)<br>Notes:<br>1) Meets the requirements of EN 54-23 at the following:<br>Category rating Open Class<br>Synchronization<br>Flash rate 0.5Hz<br>White LED<br>Clear Lens<br>2) Meets the requirements of EN 54-3 at the following tones:<br>Continuous 910Hz<br>Two tone 610 / 910Hz at 1Hz cycle<br>Slow whoop 500 – 1200Hz in 3.5 seconds / 0.5second gap<br>3) If detector heads are to be mounted on the addressable base sounder beacons the approved detector heads shall comply with the following physical attributes:<br>Maximum Outer diameter 101mm<br>Maximum height 43mm<br>4) CASC cover for sounder base | 714q/04      |
| CASB483           | Addressable Type A Red Flash Wall Sounder VAD with Short Circuit Isolator (Red Housing)<br>Notes:<br>1) Meets the requirements of EN 54-23 at the following:<br>- Category W-2.4-7.5 (High Power) + W-2.4-2.5 (Low Power)<br>- Flash rate 0.5Hz or 1Hz<br>- Synchronisation<br>- Red LED  | 714q/05      |

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|                      | <ul style="list-style-type: none"> <li>- Clear Lens</li> <li>2) Meets the requirements of EN 54-3 at the following tones:                             <ul style="list-style-type: none"> <li>- Continuous 984Hz</li> <li>- Two tone 644/984Hz at 1Hz cycle.</li> <li>- Slow whoop 500-1200Hz in 3.5 seconds / 0.5 second gap</li> </ul> </li> </ul>  |              |
| MASB883<br>(Menvier) | Addressable Type A Red Flash Wall Sounder VAD with Short Circuit Isolator (Red Housing)<br>Notes: <ol style="list-style-type: none"> <li>1) Meets the requirements of EN 54-23 at the following:                             <ul style="list-style-type: none"> <li>- Category W-2.4-7.5 (High Power) + W-2.4-2.5 (Low Power)</li> <li>- Flash rate 0.5Hz or 1Hz</li> <li>- Synchronisation</li> <li>- Red LED</li> <li>- Clear Lens</li> </ul> </li> <li>2) Meets the requirements of EN 54-3 at the following tones:                             <ul style="list-style-type: none"> <li>- Continuous 984Hz</li> <li>- Two tone 644/984Hz at 1Hz cycle.</li> <li>- Slow whoop 500-1200Hz in 3.5 seconds / 0.5 second gap</li> </ul> </li> </ol> | 714q/05      |
| FXN583<br>(JSB)      | Addressable Type A Red Flash Wall Sounder VAD with Short Circuit Isolator (Red Housing)<br>Notes: <ol style="list-style-type: none"> <li>1) Meets the requirements of EN 54-23 at the following:                             <ul style="list-style-type: none"> <li>- Category W-2.4-7.5 (High Power) + W-2.4-2.5 (Low Power)</li> <li>- Flash rate 0.5Hz or 1Hz</li> <li>- Synchronisation</li> <li>- Red LED</li> <li>- Clear Lens</li> </ul> </li> <li>2) Meets the requirements of EN 54-3 at the following tones:                             <ul style="list-style-type: none"> <li>- Continuous 984Hz</li> <li>- Two tone 644/984Hz at 1Hz cycle.</li> <li>- Slow whoop 500-1200Hz in 3.5 seconds / 0.5 second gap</li> </ul> </li> </ol> | 714q/05      |
| CASB483WP            | Addressable Type A/B Red Flash Wall Sounder VAD with Short Circuit Isolator (Red Housing)  | 714q/06      |

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|                     | <p>Notes:</p> <p>1) Meets the requirements of EN 54-23 at the following:</p> <ul style="list-style-type: none"> <li>- Category W-2.4-7.5 (High Power) + W-2.4-2.5 (Low Power)</li> <li>- Flash rate 0.5Hz or 1Hz</li> <li>- Synchronisation</li> <li>- Red LED</li> <li>- Clear Lens</li> </ul> <p>2) Meets the requirements of EN 54-3 at the following tones:</p> <ul style="list-style-type: none"> <li>- Continuous 984Hz</li> <li>- Two tone 644/984Hz at 1Hz cycle.</li> <li>- Slow whoop 500-1200Hz in 3.5 seconds / 0.5 second gap</li> </ul>  |              |
| MASB883WP (Menvier) | <p>Addressable Type A/B Red Flash Wall Sounder VAD with Short Circuit Isolator (Red Housing)</p> <p>Notes:</p> <p>1) Meets the requirements of EN 54-23 at the following:</p> <ul style="list-style-type: none"> <li>- Category W-2.4-7.5 (High Power) + W-2.4-2.5 (Low Power)</li> <li>- Flash rate 0.5Hz or 1Hz</li> <li>- Synchronisation</li> <li>- Red LED</li> <li>- Clear Lens</li> </ul> <p>2) Meets the requirements of EN 54-3 at the following tones:</p> <ul style="list-style-type: none"> <li>- Continuous 984Hz</li> <li>- Two tone 644/984Hz at 1Hz cycle.</li> <li>- Slow whoop 500-1200Hz in 3.5 seconds / 0.5 second gap</li> </ul> | 714q/06      |
| FXN583WP (JSB)      | <p>Addressable Type A/B Red Flash Wall Sounder VAD with Short Circuit Isolator (Red Housing)</p> <p>Notes:</p> <p>1) Meets the requirements of EN 54-23 at the following:</p> <ul style="list-style-type: none"> <li>- Category W-2.4-7.5 (High Power) + W-2.4-2.5 (Low Power)</li> <li>- Flash rate 0.5Hz or 1Hz</li> <li>- Synchronisation</li> <li>- Red LED</li> <li>- Clear Lens</li> </ul>   | 714q/06      |

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|                   | 2) Meets the requirements of EN 54-3 at the following tones:<br>- Continuous 984Hz<br>- Two tone 644/984Hz at 1Hz cycle.<br>- Slow whoop 500-1200Hz in 3.5 seconds / 0.5 second gap   |              |
| CASB493           | Addressable Type A White Flash Wall Sounder VAD with Short Circuit Isolator (Red Housing)<br>Notes:<br>1) Meets the requirements of EN 54-23 at the following:<br>- Category W-2.4-7.27 (High Power) + W-2.4-2.18 (Low Power)<br>- Flash rate 0.5Hz or 1Hz<br>- Synchronisation<br>- White LED<br>- Clear Lens<br>2) Meets the requirements of EN 54-3 at the following tones:<br>- Continuous 984Hz<br>- Two tone 644/984Hz at 1Hz cycle.<br>- Slow whoop 500-1200Hz in 3.5 seconds / 0.5 second gap | 714q/07      |
| MASB893 (Menvier) | Addressable Type A White Flash Wall Sounder VAD with Short Circuit Isolator (Red Housing)<br>Notes:<br>1) Meets the requirements of EN 54-23 at the following:<br>- Category W-2.4-7.27 (High Power) + W-2.4-2.18 (Low Power)<br>- Flash rate 0.5Hz or 1Hz<br>- Synchronisation<br>- White LED<br>- Clear Lens<br>2) Meets the requirements of EN 54-3 at the following tones:<br>- Continuous 984Hz<br>- Two tone 644/984Hz at 1Hz cycle.<br>- Slow whoop 500-1200Hz in 3.5 seconds / 0.5 second gap | 714q/07      |
| FXN593 (JSB)      | Addressable Type A White Light Flash Wall Sounder VAD with Short Circuit Isolator (Red Housing)<br>Notes:   | 714q/07      |

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|                     | 1) Meets the requirements of EN 54-23 at the following:<br>- Category W-2.4-7.27 (High Power) + W-2.4-2.18 (Low Power)<br>- Flash rate 0.5Hz or 1Hz<br>- Synchronisation<br>- White LED<br>- Clear Lens<br>2) Meets the requirements of EN 54-3 at the following tones:<br>- Continuous 984Hz<br>- Two tone 644/984Hz at 1Hz cycle.<br>- Slow whoop 500-1200Hz in 3.5 seconds / 0.5 second gap  |              |
| CASB493WP           | Addressable Type A/B White Flash Wall Sounder VAD with Short Circuit Isolator (Red Housing)<br>Notes:<br>1) Meets the requirements of EN 54-23 at the following:<br>- Category W-2.4-7.25 (High Power) + W-2.4-1.24 (Low Power)<br>- Flash rate 0.5Hz or 1Hz<br>- Synchronisation<br>- White LED<br>- Clear Lens<br>2) Meets the requirements of EN 54-3 at the following tones:<br>- Continuous 984Hz<br>- Two tone 644/984Hz at 1Hz cycle.<br>- Slow whoop 500-1200Hz in 3.5 seconds / 0.5 second gap | 714q/08      |
| MASB893WP (Menvier) | Addressable Type A/B White Flash Wall Sounder VAD with Short Circuit Isolator (Red Housing)<br>Notes:<br>1) Meets the requirements of EN 54-23 at the following:<br>- Category W-2.4-7.25 (High Power) + W-2.4-1.24 (Low Power)<br>- Flash rate 0.5Hz or 1Hz<br>- Synchronisation<br>- White LED<br>- Clear Lens<br>2) Meets the requirements of EN 54-3 at the following tones:  | 714q/08      |

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|                   | <ul style="list-style-type: none"> <li>- Continuous 984Hz</li> <li>- Two tone 644/984Hz at 1Hz cycle.</li> <li>- Slow whoop 500-1200Hz in 3.5 seconds / 0.5 second gap</li> </ul>  |              |
| FXN593WP (JSB)    | Addressable Type A/B White Flash Wall Sounder VAD with Short Circuit Isolator (Red Housing)<br>Notes:<br>1) Meets the requirements of EN 54-23 at the following:<br><ul style="list-style-type: none"> <li>- Category W-2.4-7.25 (High Power) + W-2.4-1.24 (Low Power)</li> <li>- Flash rate 0.5Hz or 1Hz</li> <li>- Synchronisation</li> <li>- White LED</li> <li>- Clear Lens</li> </ul> 2) Meets the requirements of EN 54-3 at the following tones:<br><ul style="list-style-type: none"> <li>- Continuous 984Hz</li> <li>- Two tone 644/984Hz at 1Hz cycle.</li> <li>- Slow whoop 500-1200Hz in 3.5 seconds / 0.5 second gap</li> </ul> | 714q/08      |

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