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# Evo-S

Solar LED self-righting bollard  
Internally illuminated sign face

**PassiveSAFE**<sup>®</sup>

Rebounds on impact and fully compliant  
to BS EN 12767:2019

## Energy saving dusk to dawn operation

Internally illuminated, completely self-contained and solar powered, the Evo-S is the most innovative passively safe bollards in our range. Fully compliant and independently tested for use on the UK highway, the Evo-S displays an illuminated sign roundel on the front and a plain or reflective panel on the back.

- LED illuminated sign face
- Easy to install
- Single or double sided vinyl covering
- 100% Recyclable shell
- Luminance class L1
- BS 8442:2015 compliant
- All reflective material meets BS 8408:2005
- 12 Year 3M backed delamination warranty



## No external power needed

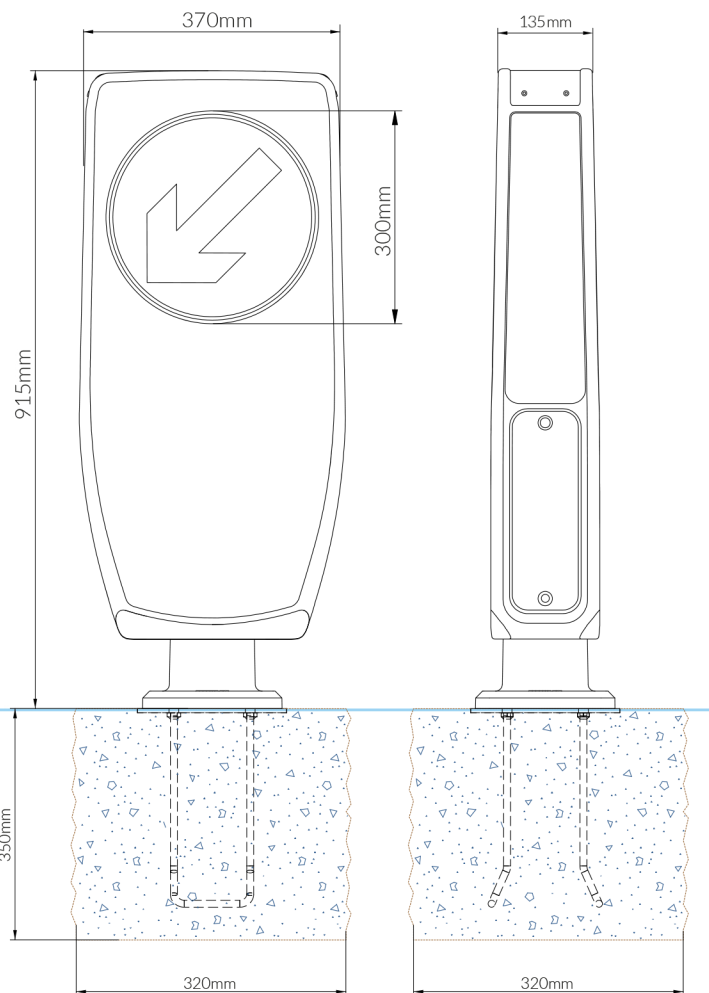
The Evo-S is perfect for all locations where a lit bollard is required to direct and inform traffic flow. An ideal energy saving replacement for traditional illuminated shell bollards, the Evo-S is available in single sided and double sided (Evo-S Plus) options. Please note that only the front roundel is illuminated.

## Versatile installation

Each bollard comes complete with our patented base and can easily installed using the cast-in foundation cage or a retention socket and adaptor plate.

The EVO-S can also be retro-fitted to replace traditional base lit bollards by using the Universal Converter plate, which allows easy installation without the need to excavate or remove the existing light box / base light.

# Specifications



|                                  |   |
|----------------------------------|---|
| <b>Material</b>                  | Rotationally moulded polyethylene   |
| <b>Colour</b>                    | Black / White   |
| <b>Protection</b>                | Recessed reflective panels & anti-vandal fixings  |
| <b>Ingress Protection</b>        | IP56 (electrical components)  |
| <b>Corrosive Resistance</b>      | SP1/SP2   |
| <b>Installation Options</b>      | Foundation cage, base light conversion or 50x50 retention socket and adaptor  |
| <b>Reflective Material</b>       | 3M Diamond Grade DG3 Series 4000<br>Fully compliant with Class R3B, EN12899-1:2007  |
| <b>Sign Face</b>                 | 300mm (single or double sided)<br>Optional rear sign face is non-illuminated  |
| <b>Front Reflector</b>           | 350mm wide x 771mm high   |
| <b>Rear Reflector (optional)</b> | 350mm wide x 771mm high   |
| <b>Side Reflector</b>            | 114mm wide x 413mm high + 290mm wide x 90mm high  |
| <b>BS8442:2015</b>               | Fully compliant   |
| <b>BS EN 12767:2007</b>          | 100:NE:4  |
| <b>BS EN 12767:2019</b>          | 100-NE-A-R-NS-MD-0<br>70-NE-A-R-NS-MD-0<br>50-NE-A-R-NS-MD-0  |
| <b>Warranty</b>                  | 12yr Delamination warranty backed by 3M<br>3yr Manufacturer's warranty on the bollard<br>1yr Manufacturer's warranty on the batteries |
| <b>Recyclable</b>                | Yes   |

## Maintenance

The Evo-S needs very little maintenance, but as with all devices installed on the highway, external surfaces should be periodically cleaned with diluted mild detergent. Batteries – The expected service life of the batteries is approximately 4-5 years. The batteries are easily accessible via the access doors on the side of the bollard.

## Versatile Installation



Foundation Cage



Retention Socket



Base Light Conversion

We operate a policy of continuous product development and reserve the right to change or improve specification without prior notice. E & OE.

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