

# Merlin

## Retro-reflective Self Righting Bollard

The Merlin is the future proof replacement for traditional traffic bollards. Illuminated by a base light or fully retro-reflective, the Merlin will rebound to an upright position following an impact

- ▼ Internally illuminated & retro-reflective
- ▼ All round 360° visibility
- ▼ Impact tested
- ▼ BS EN 12899 & BS 8442:2006 compliant
- ▼ 100 % Recyclable shell
- ▼ Compatible with any standard base light, socket or ground anchor \*

[www.mallatite.co.uk](http://www.mallatite.co.uk)

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The Merlin is the ultimate solution for now and the future. Constructed from a translucent polymer the Merlin and can be internally illuminated, then if the location and regulations allow the site to be de-illuminated, power to the baselight is simply switched off and the Merlin is fully compliant and retro-reflective.

## Passively safe:

The Merlin is a Self Righting Bollard (SRB), and has been tested in line with industry standards to ensure it will flex under impact, and then rebound to an upright position. This minimises both the likelihood of injury, vehicle damage or the need to replace the bollard following an impact.

## Installation options:

The Merlin works best when base lit using our 6 LED 500mA Superior base light, and for non-illuminated sites the Merlin can be installed using our foundation cage, NAL socket, or retrofit to any redundant base light.

## Light levels:

Mean illuminance: L1

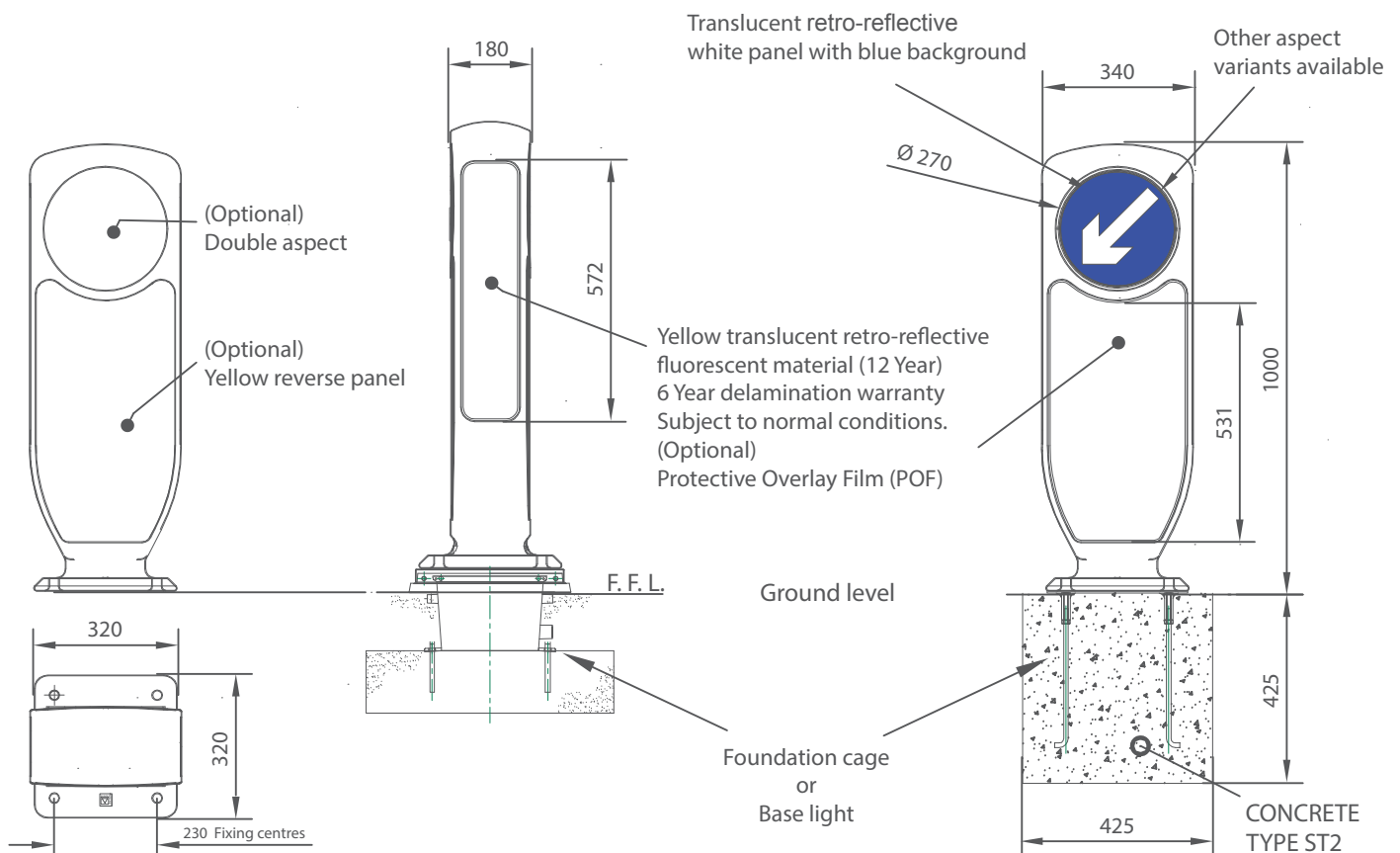
Uniformity of illuminance: U3

When base lit using the Superior LED base light.

## Maintenance:

The Merlin is very low maintenance. All surfaces of the bollard can easily be cleaned with a mix of mild detergent and water. Regular inspection and cleaning schedule is recommended to ensure optimum performance.

## Dimensions



Warranty: <http://www.mallatite.co.uk/certificates-warranty/>

\* Conversion plates available to enable compatibility.

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