

CROSSAFE CONVERTER ILLUMINATED POST CONVERTER IP65

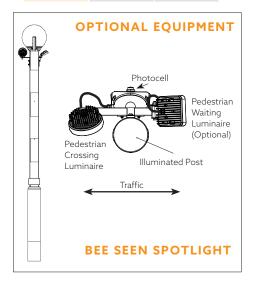


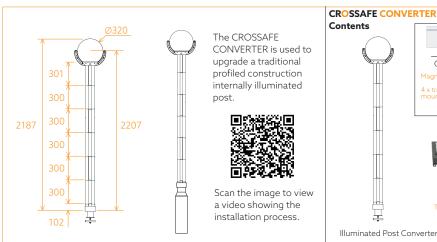
Accessory

Bag

Contents

	KG	WINDAGE
ZEBSTAR	15.00kg	0.72 m ²
ZEBSTAR+	15.75kg	0.74 m ²





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Disconnect from the supply when conducting in-situ insulation resistance testing.



If the external flexible cable or cord of this product is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.



The light source (LED's) contained in this product shall only be replaced by the manufacturer or his service agent or a similar qualified person.

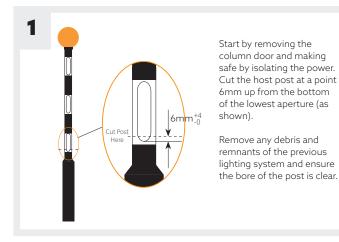
SAFETY FIRST

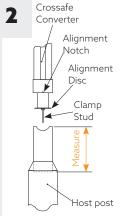
Isolate the electrical supply before commencing any installation or maintenance work. Wiring should be carried out in accordance with the latest IEE regulations by suitably qualified engineers. This equipment is designed for 24 volt AC operation and must be used with a suitable transformer when connected to the mains supply.

Please review this guide and carry out a site risk assessment before commencing work.

TOOLS REQUIRED

- Post cutting saw (Hand held band saw recommended)
- 8mm drill
- 17mm Ratchet Spanner
- Philips screwdriver





Note the measurement between the bottom of the post bore and the top of the cut post.

Remove and retain the clamp bar, nut and washer from the clamp stud and check the length of the stud which should be 90mm shorter than the noted measurement. (e.g. 142mm - 90mm = 52mm stud length).

To adjust the length of the stud, loosen the locking nuts which fix the length of the clamp stud. Adjust the length and then re-tighten the locking nuts.

The converter is also supplied with two alignment discs which are sandwiched together under the clamp stud nut. If the larger disc is too big for the host post remove it by loosening the clamp stud nut. The smaller disc suits thicker walled posts



Engage the CROSSAFE CONVERTER circular spigot with the bore of the host post and as the post lowers, ensure the alignment notch is positioned over the centre of the door aperture. This will ensure that the lower casting will engage with the host post to prevent rotation.

Access the base housing through the door aperture and replace the clamp bar, nut and washer on the clamp stud and tighten. This will secure the converter to the host post.

Fix the transformer in the host post using the supplied screws and connect the beacon supply cable using the connector. Coil and secure any excess cable neatly in the base housing.



Connect the transformer input cable to the incoming power supply at the fused cut-out. If a spot light is fitted this should also be wired into the fused cut-out. Re-connect the electric supply and replace the base door. Check that the post operates correctly.

Synchronising Beacons.*

Several beacons may be synchronised by powering up at the same time or timing the powering of one beacon to match the other. The Zebstar plus can be synchronised using the Infra red remote control.

ZEBSTAR+ Beacon

The intensity of the Bee Seen Hi-Viz beacon is factory set to medium power. Please see over for instructions on how to adjust the brightness should this be required.

CROSSAFE White Band Daytime Brightness

The brightness of the Bee Seen Retrofit Illuminated Post is factory set to medium power. Please see over for instructions on how to adjust the brightness should this be required.

*Dependant upon mains quality















BEE SEEN ZEBSTAR+ BEACON BRIGHTNESS ADJUSTMENT

The Bee Seen ZEBSTAR+ beacon has an adjustable array brightness which is independent between front and back. Follow the steps below to access the controls and make the adjustment.

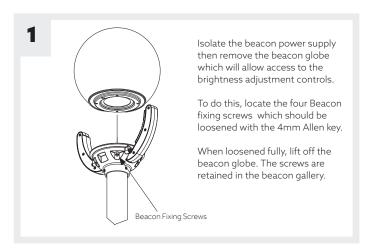
SAFETY FIRST

Isolate the electrical supply before commencing any installation or maintenance work. Wiring should be carried out in accordance with the latest IEE regulations by suitably qualified engineers.

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TOOLS REQUIRED

- 4mm Allen key
- Small terminal screwdriver.





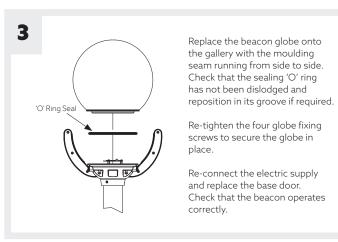
Identify the control board in the base of the beacon gallery and locate the array adjustment controls. There are two controls, each offering 8 levels of adjustment to the front and back projection. Note the white arrays projection. Note the white arrows printed on the board indicate which side of the beacon will be adjusted by

The table below shows the level brightness for each setting

Rotate the control with a small flat screwdriver to the desired setting

The setting can be checked visually before replacing the beacon globe by temporarily powering up the beacon.

Take care to protect eyes when performing the check.



BRIGHTNESS LEVEL SETTINGS

	Output Brightness (cd/m2)	
LEVEL	DAY	NIGHT
0	OFF	OFF
1	1160	OFF
2	761	761
3	980	761
4	1160	761
5	1473	761
6	1503	761
7	1570	761

BEE SEEN CROSSAFE BRIGHTNESS ADJUSTMENT

The white band illumination brightness can be adjusted to suit site conditions to make the post more visible to drivers.



Hold the supplied magnetic wand on the marked area within the lowest black band. A red dot will illuminate on the display to show that the system is active. Keep the magnet in place for around 10 seconds when the display will illuminate to show the current lighting level. Swiping the magnet across the area will advance the lighting level making the post brighter. When level 7 is reached, a further swipe will return to setting 0.

When the desired level is selected remove the magnet and after a short delay the display will flash indicating that the new level has been stored. At this point the post may dim slightly which will be the post responding to the ambient lighting conditions.

Repeat the process on both sides of the post which are independent from each other.

LEVEL	White band Brightness (cd/m²)	
	Daytime	Night-time
0	OFF	OFF
1	591	858
2	858	858
3	2,440	858
4	3,733	858
5	5,097	858
6	6,311	858
7	7,172	858







