Mounting instructions for FireFly Bird Flight Diverter

**General Information**

The FireFly utilizes reflectance of sunlight during the daylight hours and luminescent light emission during dusk and nighttime hours. The diamond bar and luminescent material make up the main components of the product. The diamond bar material causes sunlight to be refracted during daylight hours, providing a "Sparkle Effect", which can be seen by birds and humans up to one quarter of a mile distance.

Luminescent material (glow in the dark) that will emit ultra-violet and visible light up to 10 hours has been added for birds to see the product in low light and fog conditions. Birds are most vulnerable to collisions with wires during sunset and sunrise hours, especially during bad weather.

Nighttime bird migrants can see the glow material both in static and active wind conditions, which cause the FireFly to rotate throughout the nighttime hours.

**Easy to install and move from the ground**

Suitable for lines from 8 to 70 mm.

Can be used for all voltages, but for voltages over 110 kV we recommend to use the earth/top wire.

For voltages over 110 kV, there is a small risk for corona effects, which can influence radio traffic on long wave lengths.

The FireFly bird diverter is a very efficient type and suitable for many types of installations where birds are a problem or should be protected.

**Recommended distance at installation:**

- 10 meters (30 ft)

**Hammarprodukter**

**Mounting instructions**

1. Fasten the installation tool on a hotstick.
2. Open the Snap fast clamp.
3. Place the rubber hose covered prongs under the clamp mechanism and to the outside of the springholders and then press into position.
4. Press the clamp against the line, and it will be closed by the pressure you make on the hotstick against the wire.

**Removing**

To remove the diverter from line, use the shot gun feature hole on either side on the Snap fast clamp and pull down on the clamp, releasing the clamp from the wire.

**Hammarprodukter**

Installation tool in two different designs.

**Type 1**

- Suitable for hotstick
- Ragnar Stålskog (Sweden)

**Type 2**

- Suitable for hotstick: Chance, Colbene, Hastings, Pfisterer etc.