

## Pole Glossary

**Anchor Bolts:** Steel bolts poured in concrete; allows fastening of pole to ground.

**Banner Arms:** Horizontal metal projections function to support a banner.

**Base Cover:** Two piece metal cover placed at base of pole; function is cosmetic — covers anchor bolts.

**Base Plate:** Welded to base of pole shaft; base plate allows pole to be mounted to anchor bolts

**Bolt Circle:** Diagonal measure from center of one anchor bolt to another.

**Bolt Square:** Measure from one anchor bolt to another adjacent anchor bolt.

**Bollard:** Decorative post used as a traffic or pedestrian barrier.

**Bullhorn:** Mounted at top of pole; allows for mounting of multiple fixtures.

**Drill Pattern:** Specific arrangement of holes, usually drilled at top of pole to allow for fixture mounting.

**EPA – Effective Projected Area:** Used to calculate loading of a pole; every object mounted on a pole should have an EPA value.

**Flange Plate:** Connection plate between two poles.

**Grounding Provision:** Object, usually a bolt, that is mounted inside pole to allow for electrical grounding.

**HSS:** Hollow structure section.

**Isotach Windmap:** Mean occurrence wind map gives 50 year wind velocity for specific areas in the country.

**Mounting Height:** Height measured from ground level to position of luminaire.

**Luminaire:** Fixture or lamp mounted on pole.

**Nut Cover:** Plastic covers that snap over anchor bolt nuts; have a cosmetic function.

**Powder Coat:** A strong paint finish that is applied via spraying coloured powder and baking it into the surface of an object.

**T-Base:** Ballast housing.

**Tenon:** Pipe welded to top of pole to allow mounting of a fixture or bullhorn.

**Wall Thickness:** Thickness measure of pole shaft.

