

LIGHT POLE FOUNDATION CAGE

For use with Cree premium square straight steel poles

PRODUCT DESCRIPTION

Reinforced and manufactured from high-strength materials, ADLT's Light Pole Foundation Cage has been specifically engineered to suit Cree premium square straight steel poles.

Designed for use in harsh local conditions, ADLT's Light Pole Foundation Cage series is appropriate for most wind zones and soil types in Australia.

SUITABLE WITH

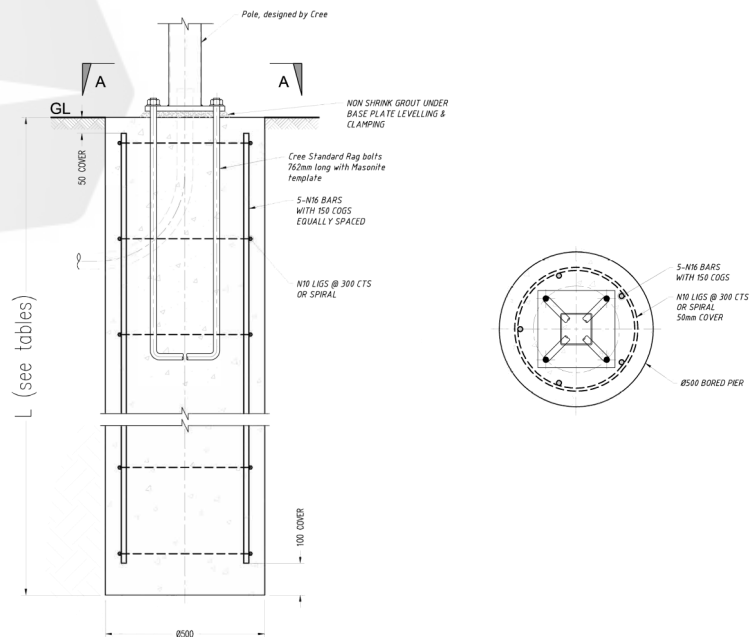
- PS4S30H (9.1m pole)
- PS4S25S (7.6m pole)
- PS4S20C (6.1m pole)
- PS4S15C (4.6m pole)

SIZES AVAILABLE

- 1.00m
- 1.20m
- 1.70m

For selection of correct cage size, refer to Cree Poles Spec Sheet (available from ADLT.com.au)

IMAGES / DIAGRAMS



LUMINAIRE TYPES

These footings are designed for poles with single and twin lights (back to back) on each pole. The following luminaires were considered: Cree LEDWay Series, Cree OSQ Series (Large & Medium), Cree XSP Series (Single & Double Module) & Cree High Output Edge Series.

Picture shown for illustration purposes only.

Actual product may vary due to product enhancement.

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INSTALLATION INSTRUCTIONS—RECOMMENDED ANCHOR BOLT PLACEMENT

1. Before pouring foundation, confirm that the pole base configuration matches the masonite anchor bolt template. (See Table 1)
2. All 102mm² poles require a minimum 500mm diameter foundation.

ANCHOR BOLT PLACEMENT

1. Use masonite template (pictured, right) provided for anchor bolt placement.
2. Remove all grease, oil, dirt and contaminants from anchor bolts with a suitable solvent.
3. Centre anchor bolt group on concrete foundation.
4. Place anchor bolts in a plumb position.
5. Point hook at end of anchor bolt toward the centre of the foundation. See Figure 1.
6. Anchor bolt projections should be 86mm minimum to 92mm maximum above top of concrete foundation. See Figure 2.



Figure 1

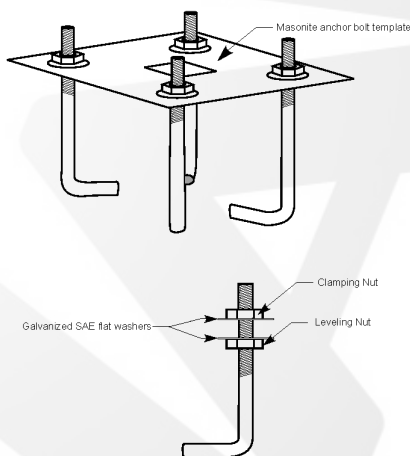
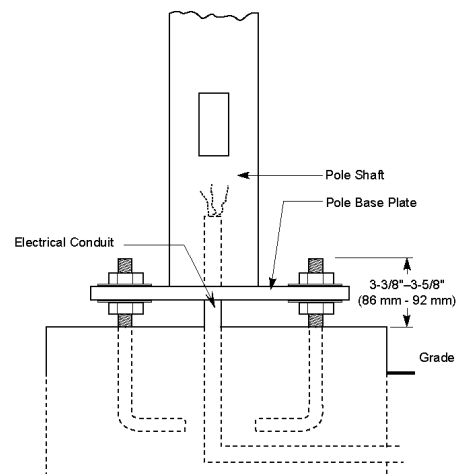


Figure 2



Pole	Anchor Bolt Size	Bolt Circle
102mm ² x 4.6m - 9.1m	19mm x 762mm	254mm

IMPORTANT

- CONCRETE AND CONCRETING METHODS SHALL BE IN ACCORDANCE WITH AS3600. CONCRETE COMPRESSIVE STRENGTH (fc) 28 DAYS 32 MPa.
- MINIMUM COVER - CONCRETE POURED AGAINST GROUND - 75 mm UNLESS NOTED OTHERWISE.
- CONCRETE SHALL BE PROGRESSIVELY COMPACTED USING AN IMMERSION VIBRATOR.
- ALLOWABLE SOIL CAPACITY = SEE TABLES ON CREE POLES SPEC SHEET (AVAILABLE FROM ADLT.COM.AU).