



# E-POLE

For *your* environment

## LIGHT POLES & ACCESSORIES



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## Light Poles & Accessories

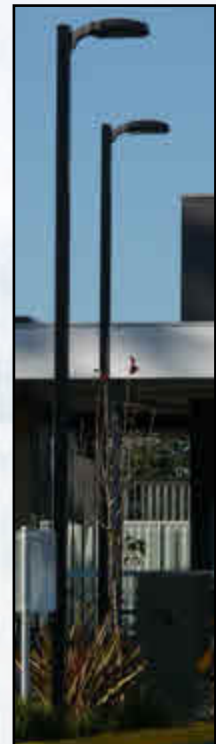
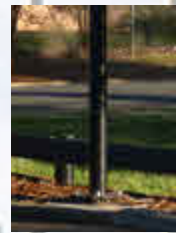
### Light Poles Configuration & Details

E-Pole by Clarke Industries light poles are manufactured to a high quality standard in our Sydney workshop; designed by electrical trades persons with special attention to ease of installation and compliance to Australian Standards. Recently, we have acquired specialised machinery designed specifically for light pole manufacture.

Currently, a standard range of both tapered and straight, square and round light poles for a variety of applications are available. All poles are supplied with rag bolts and optional foundation cages are available. These ranges have been employed by a variety of organisations across NSW including Cessnock Correction Centre, the award-winning Garie Beach Surf Life-Saving Club, Coinda Retirement Village (Coonabarabran), Westmead Hospital, Lismore Mental Hospital, and a number of McDonalds stores.

Continual research & development by our company promises new designs and styles becoming available as standard items in the future.

Special sizing, direct buried conduit entry and alternate spigot specifications are all available and can be quoted on application. Contact us now for an assessment of your situation.



Various examples of light poles and installations.



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## Light Poles & Accessories

### Round Tapered Light Poles

All poles are supplied with rag bolts, full size access door at the base and are fitted with a cap at the top of the pole; various fitting mounting options are available, price on application. Foundation cages to suit individual site requirements are optional and prices are available on application. Quantity discounts may apply.

CAT No.	BASE DIAMETER	OVERALL HEIGHT	FINISH	SUGGESTED FOUNDATION CAGE SIZES
TLP045GAL/RB	157mm	4.5m	Galvanised	M16 x 233PCD x 1200mm
TLP06GAL/RB	170mm	6m	Galvanised	M20 x 350PCD x 1500mm
TLP07GAL/RB	185mm	7m	Galvanised	M20 x 350PCD x 1500mm
TLP08GAL/RB	201mm	8m	Galvanised	M20 x 350PCD x 1800mm
TLP09GAL/RB	212mm	9m	Galvanised	M20 x 350PCD x 2000mm
TLP10GAL/RB	227mm	10m	Galvanised	M24 x 350PCD x 2000mm
TLP12GAL/RB	254mm	12m	Galvanised	M24 x 350PCD x 2000mm



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## Light Poles & Accessories

### Head Frames and Outreach Arms For Tapered Light Poles

#### Head Frames

CAT No.	DESCRIPTION	SPIGOT SIZE / WIDTH	APPLICATION
1/2LHF100PFC	1-2 Light Head Frame	76mm spigot x 400mm wide	Suit single fitting or double fitting back to back configuration, standard trunion mount flood light up to 400mm wide
2/4LHF100PFC	2-4 Light Head Frame	76mm spigot x 1000mm wide	Suit double fitting or 4 fitting back to back configuration, standard trunion mount flood light up to 400mm wide

#### Outreach Arms

CAT No.	DESCRIPTION	LENGTH	APPLICATION
OR1A76/60/05	Single Outreach Arm with 60mm Horizontal Spigot at 10° Uplift	500mm	Suit single horizontal spigot mount street light type fitting.
OR1A76/60/10	Single Outreach Arm with 60mm Horizontal Spigot at 10° Uplift	1000mm	
OR2A76/60/05	Double Outreach Arm with 60mm Horizontal Spigot at 10° Uplift	500mm	Suit double back to back horizontal spigot mount street light type fitting.
OR2A76/60/10	Double Outreach Arm with 60mm Horizontal Spigot at 10° Uplift	1000mm	

All prices quoted above are for hot dip galvanised finish. Other finishes, configurations and sizes to suit specific applications/fittings available on request, POA.

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## Light Poles & Accessories

### Straight Round Light Poles

All poles are supplied with rag bolts and are fitted with a cap at the top of the pole; various fitting mounting options are available, price on application. No access door is fitted as standard, an optional simple inspection opening is available. Foundation cages to suit individual site requirements are optional and prices are available on application. Manufactured from hot dip galvanised material and coated with zinc rich epoxy over areas where the galvanised finish has been compromised during the fabrication process, where accessible.

CAT No.	BASE PLATE PCD / POLE DIAMETER (OD)	OVERALL HEIGHT	FINISH	SUGGESTED FOUNDATION CAGE SIZES
076LP032/RB	233/76mm	3.2m	Galvanised	M16 x 233PCD x 1000mm
076LP032PC/RB	233/76mm	3.2m	Powder coated	M16 x 233PCD x 1000mm
076LP065/RB	233/76mm	Up to 6.5m	Galvanised	M20 x 233PCD x 1500mm
076LP065PC/RB	233/76mm	Up to 6.5m	Powder coated	M20 x 233PCD x 1500mm
114LP065/RB	350/114m	6.5m	Galvanised	M20 x 350PCD x 1500mm
114LP065PC/RB	350/114m	6.5m	Powder coated	M20 x 350PCD x 1500mm



#### OPTIONS:

Simple inspection opening and cover plate

0.5m "C" channel light bar and adjustable clamp - 76mm OD poles

0.5m "C" channel light bar and adjustable clamp - 114mm OD poles

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## Light Poles & Accessories

### Square Light Poles

All poles are supplied with rag bolts, flush inspection opening at the base, various alternative fitting mounting options are available, price on application. Standard pricing as listed below allows for single or double face bolt pattern drilling to suit fittings with integrated outreach bracket/spigot and cap to top of pole. Foundation cages to suit individual site requirements are optional and prices are available on application. Quantity discounts may apply.

CAT No.	BASE PLATE PCD / RHS	OVERALL HEIGHT	FINISH	SUGGESTED FOUNDATION CAGE SIZES
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SQLP04GAL/RB	233mm / 75mm	4m	Pre-Galvanised	M16 x 233PCD x 1200mm
SQLP04PC/RB	233mm / 75mm	4m	Powder coated	M16 x 233PCD x 1200mm
SQL06GAL/RB	350mm / 100mm	6m	Pre-Galvanised	M20 x 350PCD x 1500mm
SQLP06PC/RB	350mm / 100mm	6m	Powder coated	M20 x 350PCD x 1500mm
SQLP08GAL/RB	350mm / 100mm	8m	Pre-Galvanised	M20 x 350PCD x 2000mm
SQLP08PC/RB	350mm / 100mm	8m	Powder coated	M20 x 350PCD x 2000mm



Square Light Poles in various applications

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## Light Poles & Accessories

### Foundation Cages & Rag Bolt Kits

Rag bolt kits to suit existing poles available in standard sizes or custom sizes price on application.

Foundation cages can be used on all Clarke Industries baseplated light poles for ease of installation. Offered as an additional option to the standard rag bolt assembly supplied with the poles or custom sizes to suit existing poles, price on application.

CAT No.	BASE PLATE PCD / BOLT SIZE	BURIAL DEPTH (mm)	SUGGESTED APPLICATIONS / NOTES
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RBK16/233	233mm/M16	550	Steel reinforcing required but not included, see foundation cages.
RBK20/350	350mm/M20	550	Steel reinforcing required but not included, see foundation cages.
FC233/1000ADD	233/M16	1000	To suit RB16/233
FC233/1200ADD	233/M16	1200	To suit RB16/233
FC350/1500ADD	350/M20	1500	To suit RB20/350 6-8m pole
FC350/2000ADD	350/M20	2000	To suit RB20/350 9-10m pole



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## Light Poles & Accessories

### Corrosion Protection

#### Pre Galvanised

- Applies to straight, square and round style of poles
- Fabricated from "pre gal" finish material and zinc rich epoxy coated on welds and other areas where the galvanised finish has been compromised during the fabrication process, where accessible.

#### Hot Dip Galvanised

- Applies to tapered style of poles
- Poles are hot dip galvanised after fabrication. Due to the molten dip process, aesthetic surface finish quality may be compromised.

#### Special Material

- Stainless steel
- Aluminium
- Available to customer specifications - price on application



Pre-Galvanised



Hot Dip Galvanised

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## Light Poles & Accessories

### Finishes

#### Powder Coated

- Powder Coating over Pre Galvanised Corrosion Protection
  - ◆ Offers high level of aesthetic finish
  - ◆ Acceptable level of corrosion protection for most general applications.
- Powder Coating over Hot Dip Galvanised Corrosion Protection
  - ◆ Offers high level of corrosion protection
  - ◆ Aesthetic finish may be compromised by rough surface of galvanised coating and pinholes etc. due to gas dispersion from galvanised coating during the powder coating process.

#### Wet Painted

- This finish provides the highest level of aesthetic appearance, corrosion protection and durability.
- Higher “UV” resistance than Powder Coated finish resists fading.
- Can be applied as a multi coat procedure utilising a primer surfacer over Hot Dip galvanising, minimising the effect of the rough surface finish and other issues (associated with Powder Coating).



Powder Coated over Hot Dip Galvanising



Powder Coated over Pre Galvanising

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## Light Poles & Accessories

### Access Door/Terminal Cover Specifications

#### Simple Inspection Opening (fig 1)

- Non reinforced opening adequate size for cable access/termination.
- Stainless Steel sheet surface fitted cover
- Applies to Pre Galvanised straight round poles where specified

#### Flush Mount Inspection Opening (fig 2)

- Internally reinforced opening adequate size for cable access/termination.
- Flush fitted cover
- Applies to Pre Galvanised straight square poles

#### Full Size Flush Access Door (fig 3)

- Internally reinforced full size access hole for cable access/termination, gear mounting and internal corrosion inspection of pole
- Flush fitted cover
- Applies to Round Tapered poles



Fig 1



Fig 2



Fig 3

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