

- 4x4 Series Installation Guide
- Updated for 2019

drops in

bottom corner.

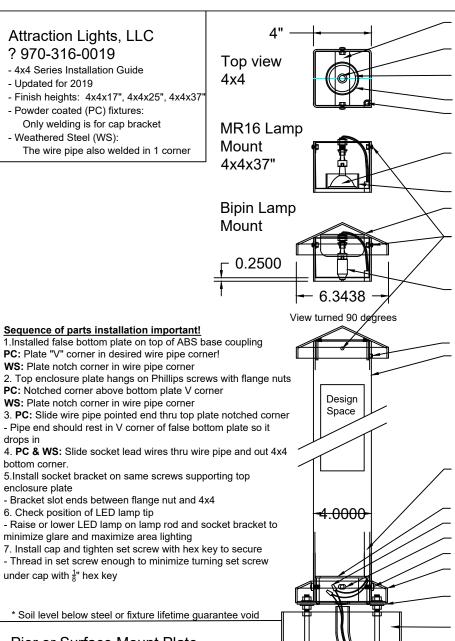
enclosure plate

- Finish heights: 4x4x17", 4x4x25", 4x4x37"
- Powder coated (PC) fixtures:

Only welding is for cap bracket

- Weathered Steel (WS):

The wire pipe also welded in 1 corner



Stainless steel socket bracket supports socket for LED lamp

- Height is adjustable on 2 screws with flange nuts (Philips $10x24x_8^{3}$ " screws and flange nuts) Stainless steel socket bracket hole for lead wires thru lamp rod

- Lamp rod secures bipin socket with mounting bracket on socket bracket

Top enclosure plate protects lamp in 4x4 top and suspended from 2 screws securing socket bracket

- Stainless steel plate with knockout ring (1.8125") for larger MR16 lamp size Optional enclosure ring for MR16 lamp sits on top enclosure plate

PC lights: Wire pipe suspended in corner notch of top enclosure plate

WS lights: Wire pipe is welded in corner of 4x4

- Wire pipe routes socket lead wires to base for connection to power supply

MR16 Lamp Mounting in 4x4x37"

- 4x4x37 top offset to design space is increased from 3.0" to 3.5"
- MR16 typically rests on top enclosure plate raise to reduce glare

Optional MR16 enclosure pipe ring rests on top enclosure plate

6" steel cap with bracket welded on underside to secure and center cap on 4x4

 $-\frac{1}{4}$ " x20 set screw (1) secures, use $\frac{1}{8}$ " hex key to tighten/remove

 $10x24x_8^{3}$ Philips screw passes thru hole in 4x4 and threads into #10 flange nut (2 each)

- Screws secure socket bracket supporting bipin socket
- Top enclosure plate (protecting lamp) is hanging on these same screws
- Loosen screws to move socket bracket up and down to adjust lamp position above design space

Long bipin LED lamp shown, adjust tip of LED lamp to be just above 4x4 design space

- Lamp nose can typically sit in $\frac{5}{8}$ " hole in top enclosure plate raise lamp/socket to avoid glare
- Adjust socket bracket height or socket mounting hardware for different size lamps
- Use Attraction Lights recommeded LED lamps for best shadow pattern lighting

1/4x20x0.25" set screw secures cap on 4x4 by pushing against bracket on cap underside 4x4 structural steel tube, USA Steel, 11 g

PC lights: Wire pipe rests in false bottom plate corner with notch allowing partial drop in - False bottom plate corner notch should keep wire pipe pressed in corner

WS lights: Wire pipe is welded in corner of 4x4

False bottom plate covers base plate

Wire connections housed in 4x4 base

Pier or surface mount: Slotted holes fit Philips $\frac{1}{4}$ "x20 screws (4) for surface mount plate option

Screws (4 Philips 1/4x20x¹/₂") secure 4x4 body to surface mount plate

Cover cap hides anchor bolt heads and base plate - 6" steel cap with hole for 4x4 tube

- Installation easiest if the cover cap is in place before making wire connections
- 4x4 Surface mount plate:
- Secures and levels 4x4 fixture on concrete piers and any solid stable surface

Concrete Pier shown: (8" diameter, depth varies)

- Also concrete slab mount with wedge anchors
- Also deck mount with lag bolts threaded into deck surface

3/8 x 6" galvanized anchor bolts for concrete pier OR wedge anchors for masonry surfaces

Conduit L $(\frac{3}{4}")$ routes wires to bollard base for pier mount

Pier or Surface Mount Plate

8 0000

- Option for all heights

6. Check position of LED lamp tip

under cap with ¹/₈" hex key

minimize glare and maximize area lighting