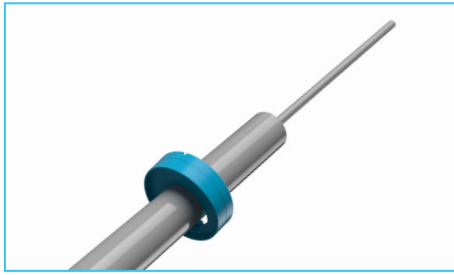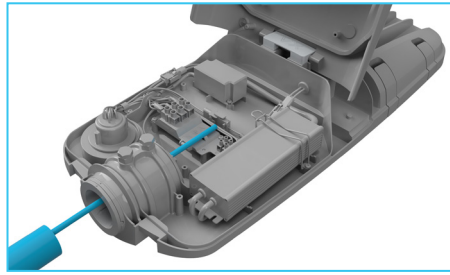# LUMINAIRE INSTALLATION

**1.**
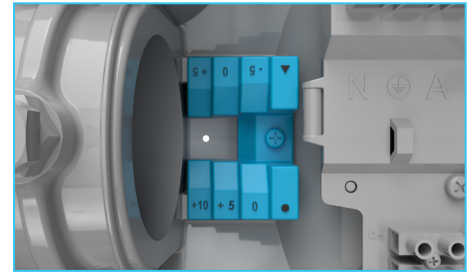
**FOR SPIGOT COLLAR B ONLY**

Feed the supply cable through the Spigot Collar Grommet, then slide the Grommet onto the spigot as shown

**2.**

Feed the supply cable through the assembled spigot collar into the spigot entry hole of the luminaire

Then slide the luminaire onto the spigot, ensuring the luminaire is firmly seated on the spigot and cannot slide in any further
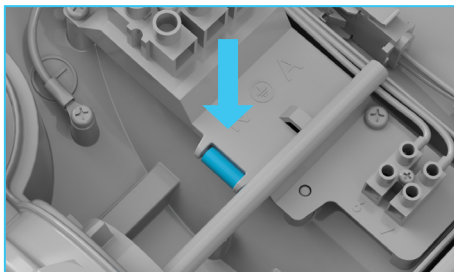
**3.**

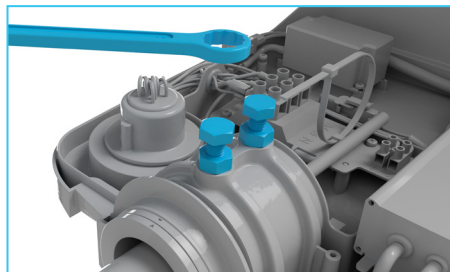**FOR SPIGOT COLLAR B ONLY**

Butt the end of the spigot into the step labeled with the desired tilt angle

Collar B angle step - inside gear chamber

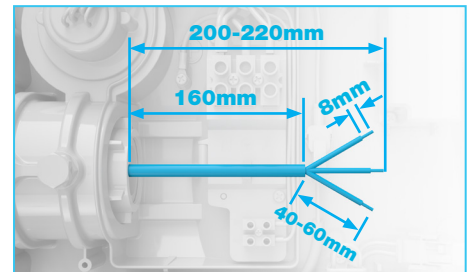**4.**

Using the inbuilt spirit level, rotate the luminaire on the spigot until level

**5.**

**FOR SPIGOT COLLAR A OR B ONLY**

Using a 17mm spanner, evenly tighten the 2 x M10 screws inside the gear chamber. Apply 25Nm torque to secure the luminaire to the spigot
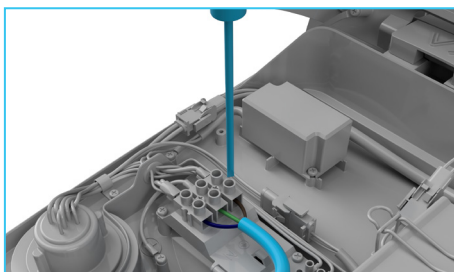
**6.**

Draw the 3-core power supply flex to 200-220mm inside the chamber

Strip 40-60mm of the outer sheath, ensuring enough sheath remains for the zip tie to tighten around

Strip insulation off each conduction by 8mm

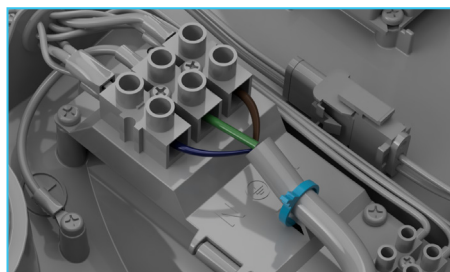Then thread the supply cable through the 2 x supplied zip ties inside

**7.**

Using a 4mm flat-blade screw driver, terminate the wires from the supply cable into the terminal blocks as shown, applying 0.8Nm torque to secure in place:

**N** Neutral Wire (Blue)
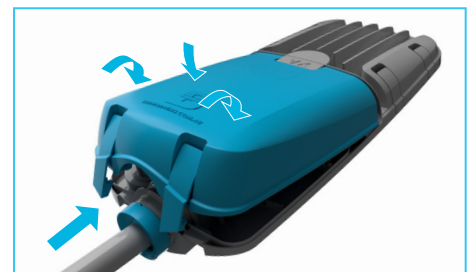
Earth wire (Green / Yellow)

**A** Active Wire (Brown)

**8.**

Secure the supply cable by tightening the 2 x zip tie strain relief around the sheath as shown.

Trim both zip tie tails and ensure all wires will not be pinched when the gear cover is closed
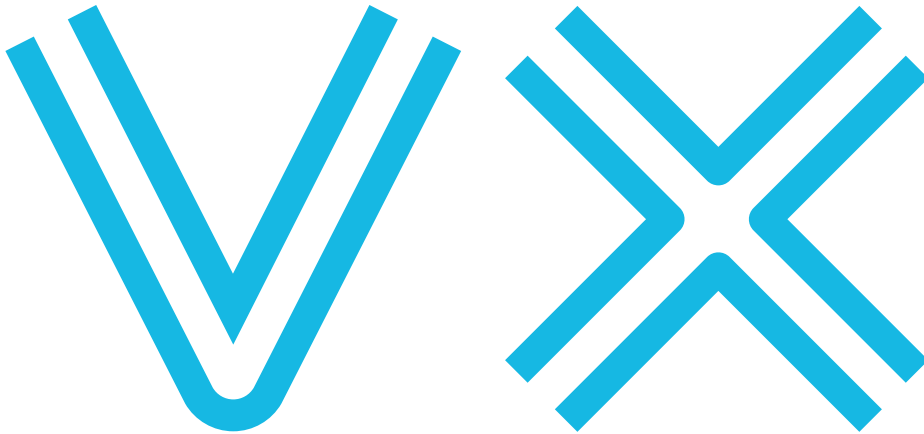
**9.**

Close the gear cover, ensuring all wires will not be pinched

**FOR OPTIONAL SPIGOT COLLAR GROMMET ONLY**

Ensure the rubber boot on the spigot collar is firmly in place to prevent water and insects from entering into the gear chamber

# VX

# INSTALLATION GUIDE

**BRAUMS**

*Roadway Lighting*

# BEFORE WE GET STARTED...

## CAUTION

**This product must be installed by a qualified electrician in compliance with the AS/NZS3000: wiring rules**

Read all instructions prior to installation

## TOOLS REQUIRED

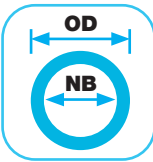| Safety insulating gloves | 17mm ring spanner/socket | 4mm flat-blade screw driver | 2mm flat-blade screw driver | 3mm Hex Head Allen Key |
|---|---|---|---|---|

## FITTING GUIDE

**OD**
**NB**

Spigot Size:
48mm OD/40mm NB
42mm OD/42mm NB

Cable Size:
3 x 6mm$^2$ max

Dimming Cable Size:
2 x 1.5mm$^2$ max

## NEMA PHOTOCELL

**The Nema photocell recepticle will be located on the top or bottom of the luminaire**

Twist and lock the provided Nema-photocell in a clockwise direction to the photocell recepticle as shown

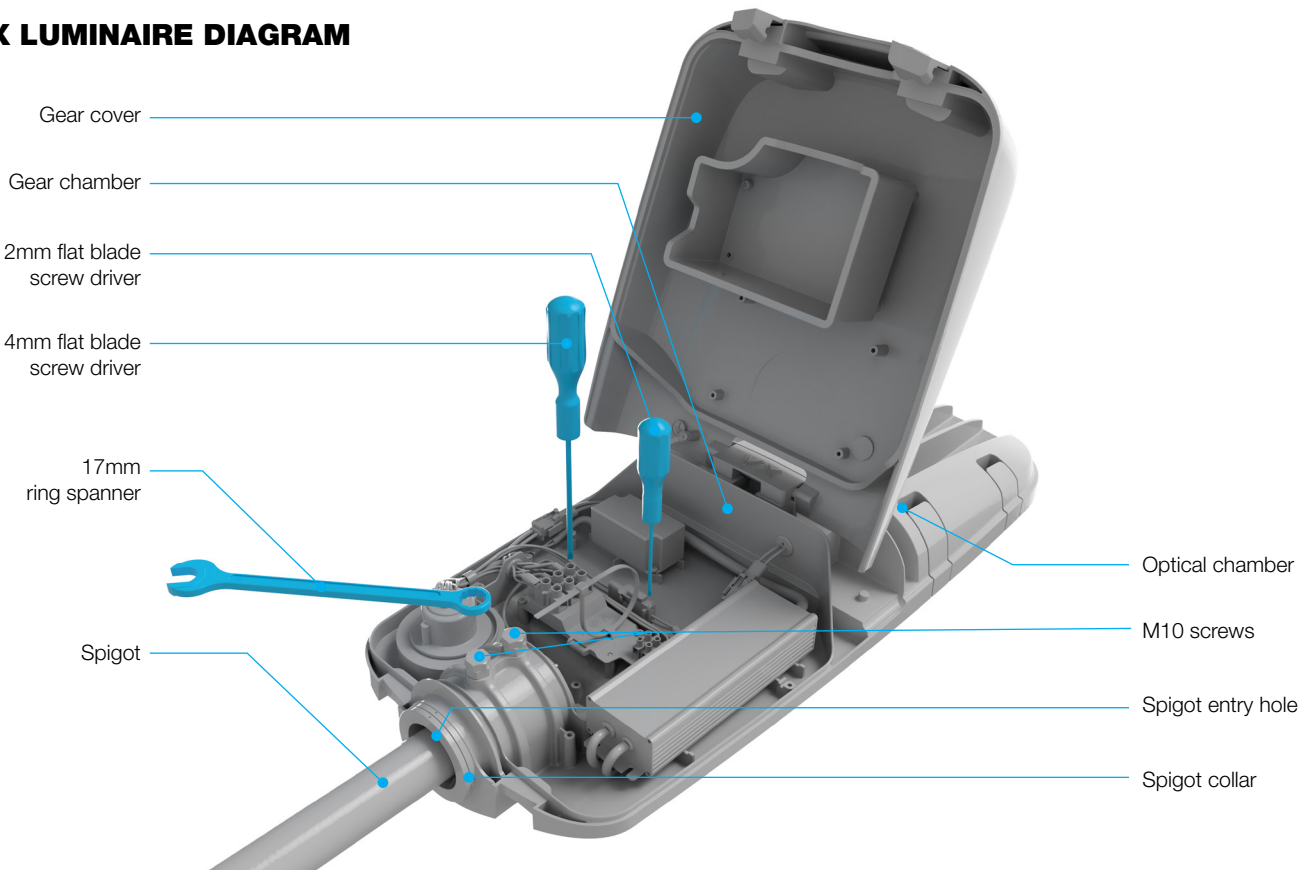## TOOL-LESS ENTRY

**The luminaire has tool-less entry**

Open the gear cover using the latches as shown

## VX LUMINAIRE DIAGRAM

- Gear cover
- Gear chamber
- 2mm flat blade screw driver
- 4mm flat blade screw driver
- 17mm ring spanner
- Spigot
- Optical chamber
- M10 screws
- Spigot entry hole
- Spigot collar

# WHICH SPIGOT COLLAR DO YOU HAVE?

**Follow instructions for the spigot option provided with this luminaire (located inside the spigot entry hole of the luminaire in the packaging with the 2 x M10 screws in place)**

**For Standard Fitting at 0⁰ mounting the luminaire comes pre-fitted with 0⁰ Spigot Collar (Collar A)**

**All other mounting options are purchased seperately**
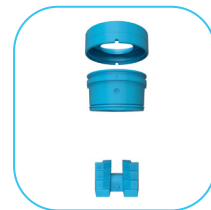
Depending on your installation type, the VX will be fitted with:

Collar A - Zero Degree Spigot Collar (Standard Fitting) or

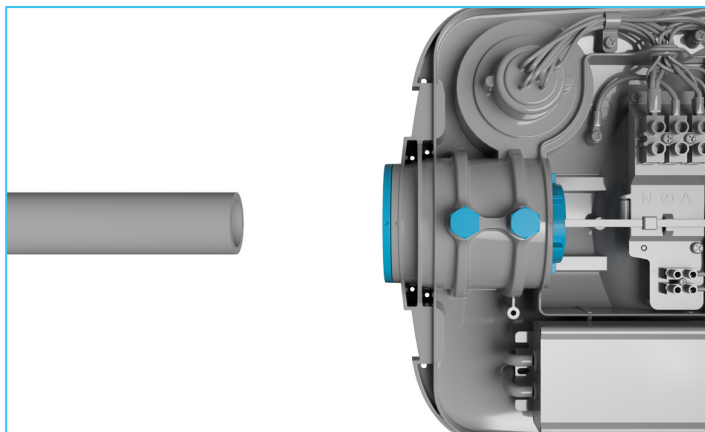Collar B - Upcast Spigot Collar (-5/+15 Degrees) (Available on Request)
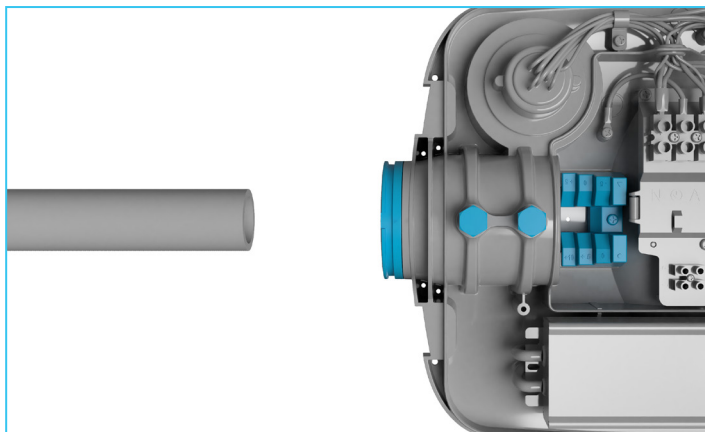
Collar A

Collar B

## SPIGOT COLLAR A: ZERO DEGREE

**i)** Loosen the 2 x M10 screws inside the gear chamber

**Continue to step 1 ❯**

## SPIGOT COLLAR B: UPCAST

The luminaire is factory fitted with the step for setting the angle inside the gear chamber as shown

**i)** Loosen the 2 x M10 screws inside the gear chamber and the grub screw located on the underside of the luminaire spigot entry

**ii)** Slide the spigot collar into the spigot entry hole, aligning the symbols on the luminaire and spigot collar to achieve the desired tilt angle

▷◁ +5°, 0° or -5°

○◁ +10°, +5° or 0°

**iii)** Then tighten the grub screw to secure the spigot collar in place

The symbols on the step refer to the spigot collar symbol aligned to the luminaire ◁

**Continue to step 1 ❯**