

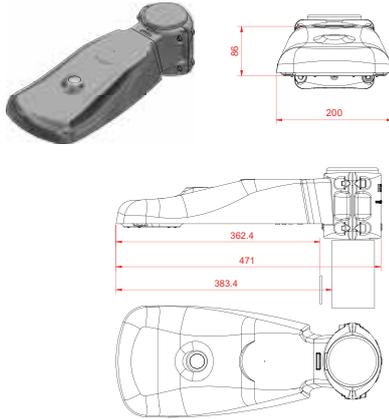


Do not stare at operating lamp. May be harmful to the eyes

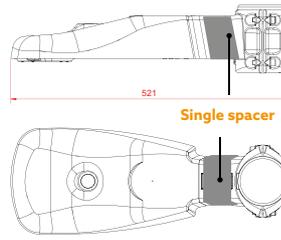
The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 0.6m is not expected.

KG	
1.75kg	0.076m ²

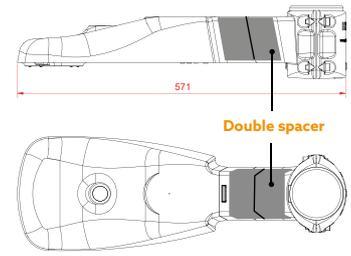
TYPE A 600/750 configuration



TYPE B 900/1200 configuration



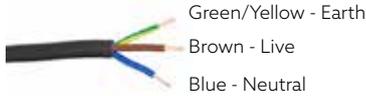
TYPE B 1500 configuration



The HYDRA Sign Light is shipped pre-wired with 4 metres of cable.
For outdoor use only

Ta = 45°C

The HYDRA is pre-wired with a 0.75mm² 3 core supply cable. The wires in this mains cable are coloured in accordance with the following code.



- Disconnect the HYDRA sign light from the supply when conducting in-situ insulation resistance testing.
- If the external flexible cable or cord of this HYDRA sign light is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
- The light source (LED's) contained in this HYDRA sign light shall only be replaced by the manufacturer or his service agent or a similar qualified person.

SAFETY FIRST

Isolate the electrical supply before commencing any installation or maintenance work. Wiring should be carried out in accordance with the latest IEE regulations by suitably qualified engineers.

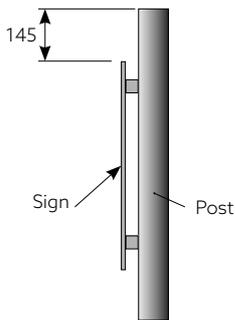
Ensure the supply is suitable for the connected equipment. If you have a 24volt version of the HYDRA it must be used with a suitable transformer when connected to the mains supply.

TOOLS REQUIRED

- 6mm Allen Key
- Electrical Screwdriver
- Philips Screw Driver
- 4mm Allen Key
- 13mm Spanner
- Tri - Head Key

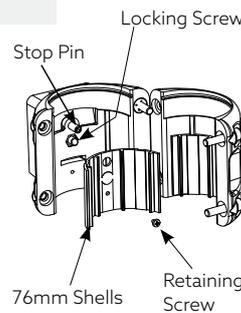
Post Top Installation 76mm & 89mm

1



Ensure that the host post extends 145mm above the mounted sign.

2

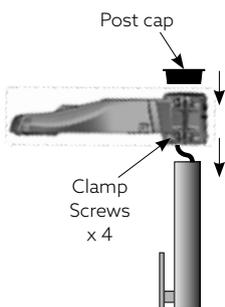


The HYDRA is shipped configured ready for mounting onto a 76mm post.

If the post is 89mm then dismantle the HYDRA bracket by unscrewing the 4 clamp screws with the 6mm allen key. Remove and recycle the two aluminium shells by removing the two philips retaining screws.

The post locking screw may also need adjusting. Please following the instruction in 4 below.

3



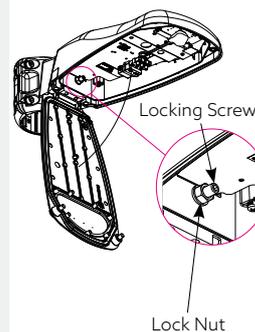
Ensure the clamp is loosely assembled using a 6mm Allen Key, allowing the HYDRA bracket to fit over the post top.

Feed the supplied cable down the post and into the post base housing. Position the HYDRA on top of the post. The stop pin will set the correct height.

Tighten the four clamp screws using a 6mm Allen Key.

Tap the post cap into the top recess of the bracket.

4



Check that the clamp is secure around the post. If the clamp needs further tightening open the HYDRA by unscrewing the two retained lens frame securing screws with a tri-head key.

Hinge down the lens frame giving access to the locking screw. Loosen the lock nut, then adjust the locking screw with a 4mm allen key, which can be tightened onto the post. Re-tighten the lock nut and replace the lens frame.

Move to the base section of the post and connect the cable to the incoming supply. Re-connect the power and check that the HYDRA operates correctly.

Mid Post Installation 76mm & 89mm

5

148

17.7mm Cable entry hole - 20mm

6.5mm

Anti-rotational hole - 9mm

Sign

Drill a 9mm hole 148mm above and on the centre of the sign. Drill a 20mm cable entry hole as shown in the diagram.

Dismantle the HYDRA post bracket by unscrewing the 4 cap screws with a 6mm Allen Key. The supplied plastic cap is not used and may be recycled.

6

The HYDRA is shipped ready to fix to a 76mm post. If the post is 89mm then remove the internal shells as shown in item 2 of this guide overleaf.

Offer the HYDRA to the post and engage the anti-rotational pin in the 8mm hole while feeding the pre fitted cable through the cable entry hole and down the post.

Re assemble the clamp bracket around the post tightening the cap screws with a 6mm Allen Key. Move to the base section of the post and connect the cable to the incoming supply. Re-connect the power and check that the HYDRA operates correctly.

Double Sided 76mm & 89mm

7

The double sided HYDRA is installed in a similar way to the single sided HYDRA detailed above however the installation uses two HYDRAS which are mounted back to back.

Prepare the post top or mid post fixing as above. The mid post will require two sets of holes drilling as shown in 5 above.

Dismantle each HYDRA post bracket by unscrewing the 4 cap screws with a 6mm Allen Key. The two back clamps, 4 screws and one plastic cap are not required and can be recycled.

Back Clamp

8

Post Top Fixing
For post top fixing, loosely assemble the two HYDRAS at the clamp and follow the same procedure for the single sided installation in 3 & 4 overleaf.

Mid Post Fixing
Re-assemble the clamp bracket around the post then follow 5 & 6 above