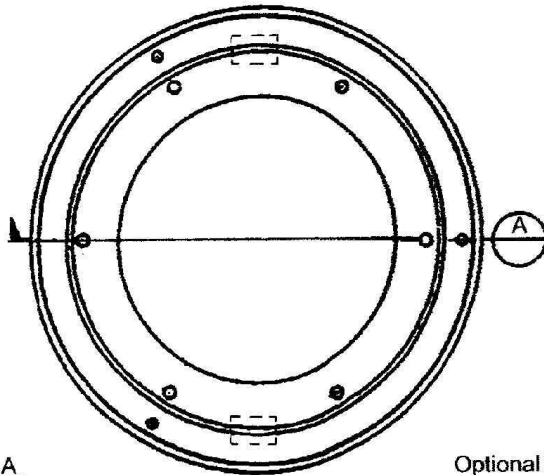




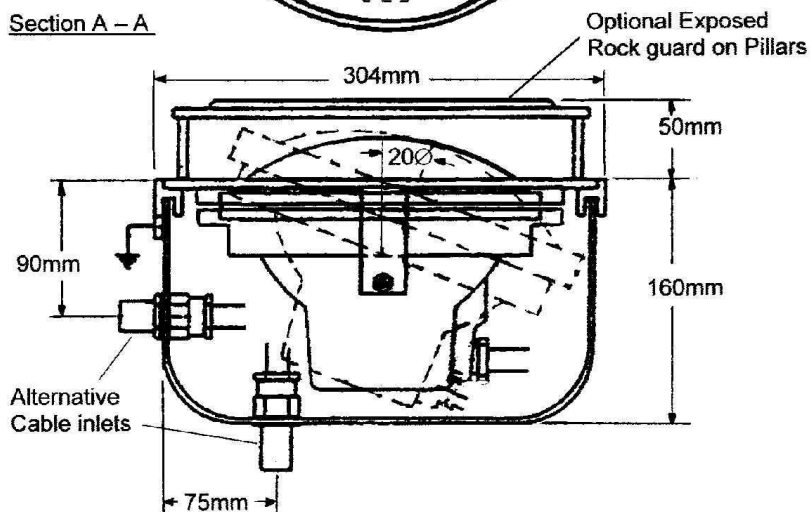
Technical Data Sheet

Product: LU500N Niche Bronze Fixture
Product Code: LU500N

Top View



Section A – A



- NCA's LU500N is designed to provide an adjustable light beam to fully illuminate the feature. It can be installed in the floor of trenches or in pool walls and is also suitable for short duration shows. The fixture is approved for IP68 allowing submergence to 2Metres and complies to AS and IEC standards.
- The LU500N is designed to be fully submerged with 50mm water depth over the Lens for cooling and to maintain the integrity of the lamp's beam angle. The fixture can be angled by ± 20 degrees.
- Is fitted with a convex, 5mm thick, hardened glass lens and a silicon rubber lens gasket. The lens gasket seats onto a machined faced for perfect sealing. Ranges of coloured lens are available.
- The lamp's socket is a ceramic mogul base.
- The LU500N can be supplied with PAR56 lamp 500 Watt 120V (approx. life 4000 hours), or 300W 12V or 240V. 120V lamps can be series connected to work with a 240V supply using dual brass glands.

- A bronze face ring locates the lens and lens gasket. Stainless steel fasteners hold the face ring and lens in place.
- A brass cable gland is fitted to handle cable up to 12mm diameter. Refer to diagram which shows alternative locations of where these can be fitted.
- Submersible cable to H07RN-F standard. Extra cost for cable lengths greater than 2 metres.
- Two rock guard options are available to protect fixture's lens:
 - Integral Bronze Rock Guard over the lens (part No: LU500-10 as shown in TDS for LU500);
 - Exposed Rock Guard on pillars – as shown on diagram, which allows the cleaning of lens without removal of the rock guard.
- Each light fixture is submerged and air pressure tested to 200 kpa. All are dielectrically tested to 1.5KV.