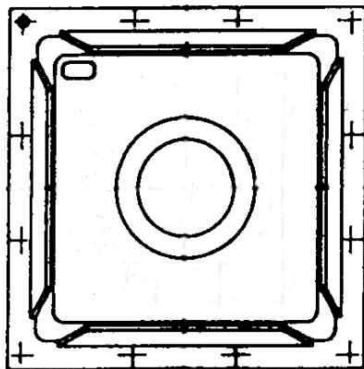
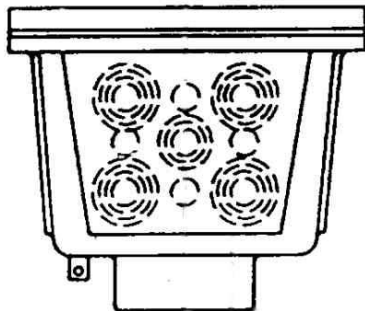




# Technical Data Sheet

**Product: Submersible Bronze Junction Boxes.**  
**Product Codes: LU-J1, LU-J2, LU-J3 & LU-J7.**



- The NCA submersible junction boxes are IP68 approved products for installation in submersible installations for connection of pump, light fixtures and level sensors to 2 metre depth of water.
- All junction boxes are cast in bronze have stainless steel fasteners to secure the lid onto a neoprene gasket.
- All threads are internal pipe threads for screwing and sealing to rigid non corrosive metal All have a bottom entry capability for connecting to “into pool conduit connectors” with anti weep flange. The table below shows the maximum size of entry.
- These junction boxes are drilled and tapped to accommodate 1/2” cable glands. All can be drilled and tapped to accommodate larger glands. The table below shows the maximum number of 1/2” glands possible per model junction box.
- NCA Junction boxes are designed for internal and external earthing. The internal screw is standard; however external screw can be fitted on demand.
- All conduits connected to a pool, balance tanks, or vessel storage must be arranged to be self draining and visible for inspection. All NCA submersible junction boxes are air tested under water to 200KPA, so potting compounds are not required.

Junction box specifications	LU-J1	LU-J2	LU-J3	LU-J7
Length (mm)	83	111	143	165
Width (mm)	108	111	143	165
Height (mm)	83	83	102	138
Bottom entry max. (BSP)	3/4"	3/4"	1"	2"
Max. number of 1/2 " cable glands	2	4	8	20
Internal volume (cm3)	187	293	590	2245