

DEEP BASE

For Inset and Elevated Lights



L-868
Deep Base

L-868

Inset Lights

L-867

Elevated Lights

General

ERNI deep bases or cans constitute a safe and proven method for anchoring inset light fixtures into paved surfaces. Hot dip galvanization effectively protects the can against corrosion. ERNI deep bases are constructed according to FAA specifications and are available in all common sizes. Upon request, bases can also be ordered according to customer specific requirements, including earthing capability.

ERNI deep bases are available for wet systems with lateral cable entries as well as for dry systems

with an O-ring groove in the top flange to prevent entrance of water and other liquids. Upon request the cable entry can be made utilizing watertight cable glands.

For elevated lights the FAA type L-867 deep base houses the isolating transformer and its connectors. The light fixture is mounted onto the base using a base plate and pedestal. L-867 deep bases are not designed to withstand overrolling traffic and can only be used at the edge of traffic areas.

For the installation of inset lights, the FAA type L-868 deep base is required as they are exposed to loads from overrolling vehicles and aircrafts.

The deep base can also be used as transformer housings for certain applications. The use of blind aluminium covers for a durable installation is mandatory not only in areas with overrolling traffic, but also to prevent entrance of water and dust.

ERNI Light Base – FAA Types and Sizes

According FAA AC 150/5345-42C

FAA Specification	Size	Use – ERNI light fixture
L-867	B (12")	Elevated lights on base plates, ERNI series EL 10, EL 210, EL 220
L-868	A (10")	Inset lights, ERNI series IL 240
L-868	B (12")	Inset lights, ERNI series IL 42, IL 230, IL 240, IL 250 and IL 260

Adapter Ring

The installation of 8" inset light fixtures into a 12" light base requires the use of a 12"/8" adapter ring. These adapter rings are made of corrosion resistant aluminium alloy and allow the installation of 8" inset lights with either two or four screws. The adapter itself will be mounted with 6 screws onto the light base.



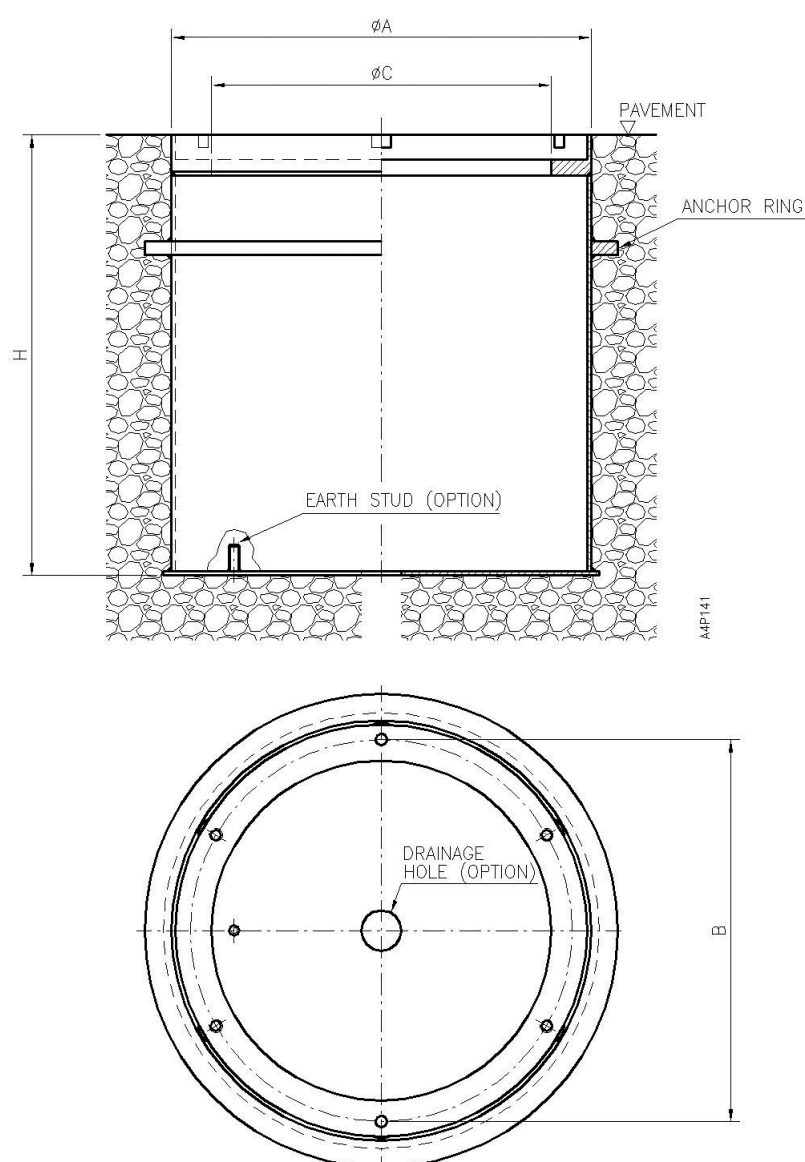
Dimensions/Weights

Weight and volume specifications are for standard light bases with a depth of 610 mm (24").

Article	Weight	Volume
deep base L-867	23,5 kg	0.074 m ³
deep base L-868 (10")	16,7 kg	0.052 m ³
deep base L-868 (12")	28,5 kg	0.071 m ³
adapter ring	3,3 kg	0.016 m ³

Installation

Like the shallow base application, the inset light or covers will be fastened with 6 screws directly on to the top section of the light base. **Fastening torque for lubricated screws is 25 Nm to max. 30 Nm.**



Accessories

Extensions, flanges, spacer-rings and conversion rings have to be ordered separately. Standard FAA L-867 and FAA L-868 deep bases will be delivered with plywood covers.

Wooden covers for all types of deep bases are available for temporary installations as well as aluminium or steel covers for a durable installation in areas with overrolling traffic.

Subject to change

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