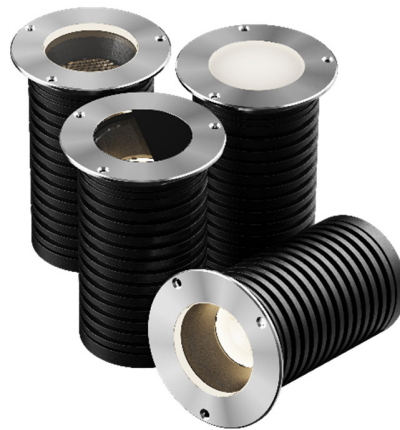


Astra D65 Static White Astra D88 Static Shite



INSTALLATION GUIDE

Important Note:

This installation guide is intended for reference purposes only. All installations should comply with local laws, regulations, and site-specific conditions. The recommendations provided are general guidelines and may require adjustments based on the actual site situation. Always consult a qualified professional for final installation decisions.



WARNING:

- This product must be installed according to national and local electrical codes by a qualified individual familiar with the construction, operation, and associated risks.
- Failure to follow the installation instructions may result in serious injury or death.
- Disconnect power before installation or maintenance to avoid electrical shock.
- Do not exceed the rated voltage of the fixture.
- Do not install if the fixture, parts, or connectors are damaged.
- The fixture is rated IP67 and is suitable for outdoor inground applications, but **must not** be submerged in standing water beyond its ingress protection rating.
- Ensure proper drainage around the installation site to avoid water pooling or flooding that may compromise performance.

CAUTION: Unauthorized modifications or repairs will void the warranty.

ELECTRICAL SPECIFICATIONS FOR ASTRA STATIC WHITE		
Series	Astra D-65 Static White	Astra D-88 Static White
Input Voltage Range	220-240V, 50/60Hz	
Max Power	8W	18W
Power Factor	≥0.9	
Max. Power Linking	180 nos.	80 nos.
Max run length is for interlink and leading cables (Fixtures not included)	50 meters	50 meters

Remark:

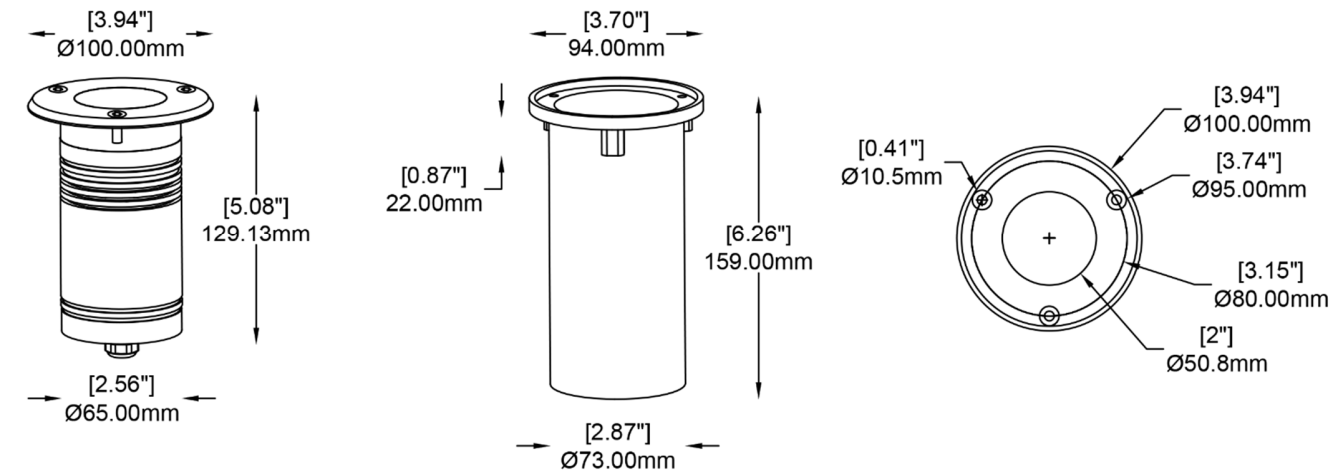
- Please be aware that mounting screws and hex-head bolts are not included with your purchase. Installers will need to supply these items for installation. We recommend using stainless steel screws to prevent corrosion.
- The actual maximum daisy chain limit may vary based on the gauge of the leading cable and the specific installation conditions. The values provided are recommended guidelines and should be considered as such. Please ensure that all installations comply with local electrical codes and safety standards.

INSTALLATION INSTRUCTIONS

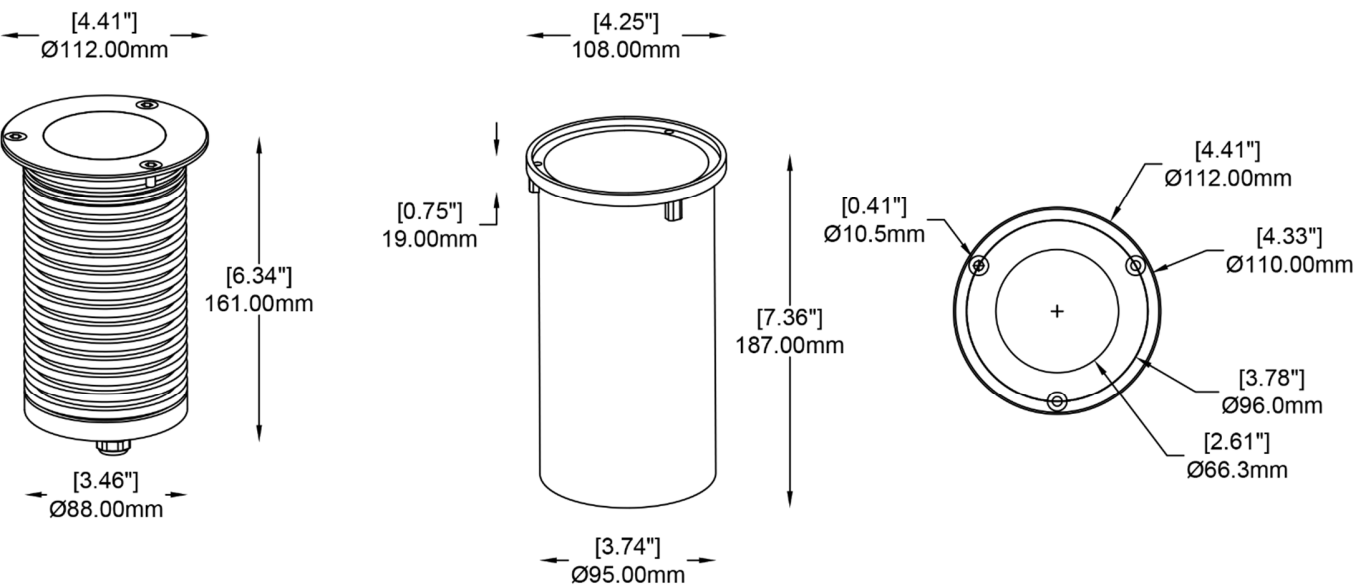
Astra Static White

DIMENSIONS

Astra-D65:



Astra-D88:



INSTALLATION INSTRUCTIONS

Astra Static White

LUMINOSCAPE®

Architectural Lighting Solutions

IMPORTANT:

1. **Pre-installation:** This phase includes excavation, conduit installation, and groundwork preparation, which can be handled by construction workers.
2. **Installation:** This phase involves cable pulling, connections, and fixture setup, which should only be performed by qualified electrical personnel.

PRE-INSTALLATION

STEP 1) Prepare ground:

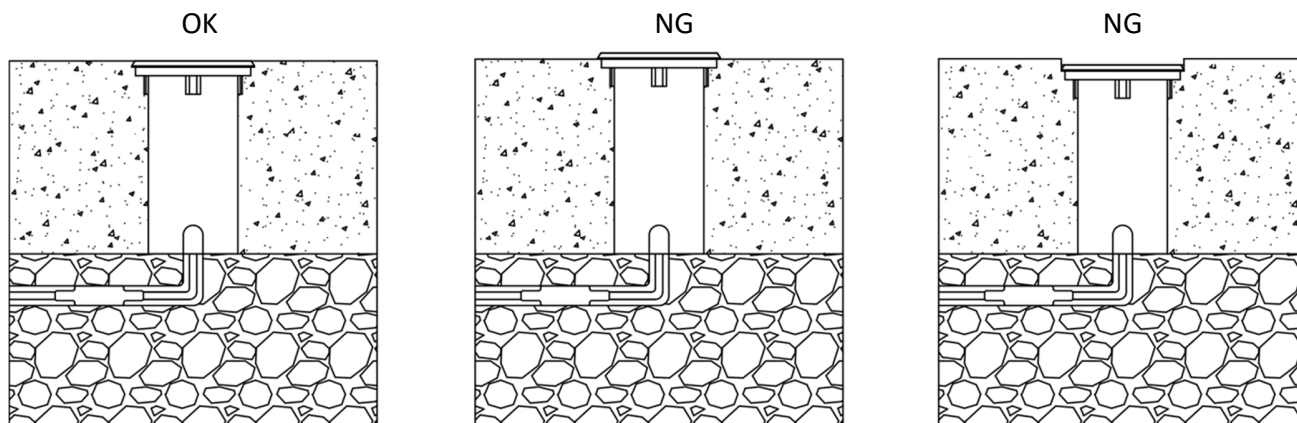
- Prepare ground hole for the recessed mounting sleeve according to the dimension of each module.
- Proper drainage piping should be prepared for hard ground.

STEP 2) Test the drainage

Make sure it perform well before installation. To verify the effectiveness of the drainage piping, it is necessary for the water volume equivalent to the mounting box's capacity to fully drain within a 30-minute timeframe.

STEP 3) Level the mounting sleeve

Recessing mounting sleeve must be installed on a level surface to prevent water collecting or creating a hazard.



STEP 4) Pour the Material (Concrete):

Before pouring the filling material, conduct a thorough final inspection. Verify that the mounting sleeve is level and stationary. Neglecting to ensure the box is securely fixed may lead to a failed installation and will void the warranty.



WARNING:

- Ensure the **Astra** is properly earthed, and the AC power supply is equipped with a circuit breaker or fuse, ground fault protection, and a device to disconnect power for servicing or when the fixture is not in use.
- Disconnect all cables and the fixture from the power source completely before performing any maintenance tasks.
- Implement measures to prevent the accidental reconnection of power during maintenance.
- Confirm that the voltage and frequency specified on the product label match the local mains power supply before turning on the fixture.

IMPORTANT:

- All **Astra Static White** models include a pre-installed power cable tail, suitable for direct connection to mains power.
- External connections must be enclosed in waterproof junction boxes or as required by local regulations, laws, or codes.
- Cable ends on **Astra** fixtures should be kept free from water or moisture, as the cooling process can create a vacuum that may draw moisture along the cable into the fixture.
- Ensure there is sufficient slack in the cable during installation to allow the fixture to be easily lifted for servicing without disconnecting the cables.

POWER CABLES AND CONNECTIONS

Wire Identification Schemes Table:

CABLE	FUNCTION	CORE(EU)	WIRE SIZE
POWER	L (live)	Brown	1.3mm ²
	N (Neutral)	Blue	1.3mm ²
	GND (Earth)	Yellow/Green	1.3mm ²

INSTALLATION INSTRUCTIONS

Astra Static White

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The outdoor connection point must be connected using IP67 or IP68 connectors (supplied by other vendors) only. Cable protection tape or any other method that may compromise the IP rating is not acceptable.

Recommended IP68 Jelly Connector (Prepare by others)

Item: Paguro 5650/3

Brand: STEAB

Description: GEL Box 2ways waterproof IP68 3 pin connectors

Product Link: <https://www.steab.it/catalogo/paguro-5695-3/?lang=en>



Finalizing the Installation

Secure the fixture by tightening the screws through the holes on the mounting plate. Ensure that stainless steel screws are used to prevent corrosion.

