

Kruger

INSTALLATION MANUAL



Class II

- The protection against electric shock does not rely on basic insulation only and has supplementary insulation.
- This is achieved by means of reinforced or double insulation.
- No provision for earthing is provided.

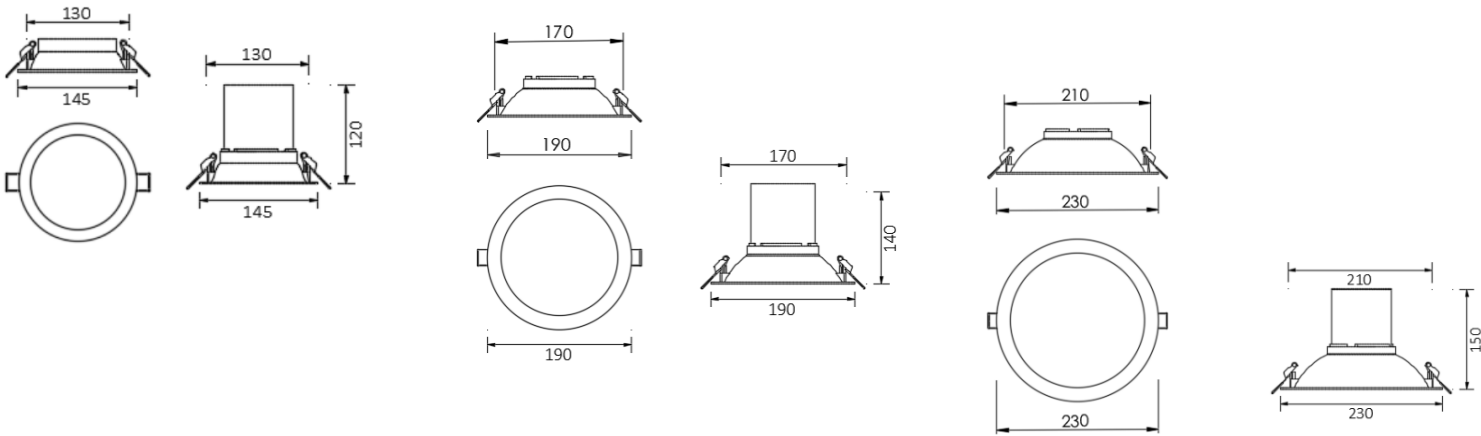
Installation Requirements

- Parts of the luminaire exposed to high voltage are protected through double insulation.
- Any exposed metal parts are exposed to SELV voltages.
- Connect to an individual branch circuit.
- LLSA ensures a 2 kV surge protection on our PSU, anything out of this range will void warranty provided.
- Improper installation might cause an electric shock accident.
- Use an authorized electrical professionals to do the installation, repair and maintenance of the light fixture.
- Cut off the power before and during installation, maintenance and repair of the light fixture.
- Do not install the light fixture on top of or near hot objects to avoid damage. (For example hot gas pipes, exhaust funnels or stoves)
- Do not install the light fixture in a damp area or where liquid leakage is potential.
- Make sure no fire regulations are violated.
- Do not look directly at the light fixture for a long period of time to avoid eye damage.
- The use of third party equipment is not recommended by the manufacturer for it may lead to warranty void.
- Do not cover the lamp with heat insulating gasket or similar material.

Cleaning and Maintenance of Enclosure

- Do not use solvent-based cleaning agents, this will cause cracks to form in the plastic diffuser covers.
- Clean with a damp cloth and silicone-based cleaning agent. (Such as Mr Min)

Product Information



DIMENSIONS: As per face attachment choice

PRODUCT WEIGHT: ±0.82

PACKAGED WEIGHT: ±1.02kg

Ceiling Cut Out

NAME	CUT OUT SIZE
Kruger 130 D	130mm
Kruger 170 D	170mm
Kruger 210 D	210mm

Instructions (steps to follow) -Recessed mounting

- STEP 1:**
- Create cut-out in ceiling according to face requirements.

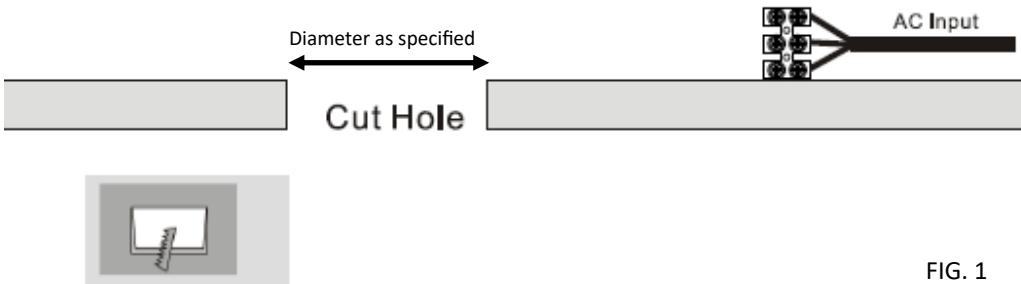
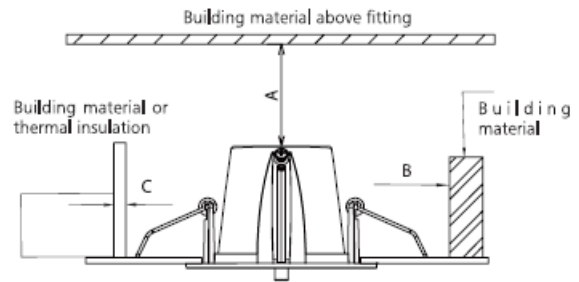


FIG. 1

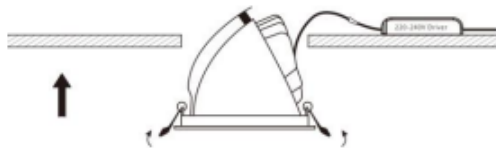
STEP 2:

- Ensure that power mains are switched off.
- Create ceiling cut out hole
- Connect to AC power, following cable polarity / colour. The fitting has an external driver.

Install requirements	
A-gap above the fitting	25mm
B-gap to the building material	25mm
C-gap to the thermal insulation	25mm



Cut hole size required to mount fitting



Connect 220-230VAC

SPECIFICATIONS:

- Fitting: Aluminum body with glass
- Lamp types: LED
- Protection against electric shock: CLASS II. Does not requires earth connection.
- Ingress Protection: IP20. Protection against the entry of solid bodies greater than 12mm.
- Driver: External driver included
- Suitable for indoor commercial use.
- Ambient temperature range: -20oC to +30 deg C

INSTALLATION INSTRUCTIONS:

Electrical products can cause death, injury or damage to property.

Installation of this product must be carried out by a qualified electrician, in accordance with SANS 10142.

On completion of installation, ensure that the Certificate of Compliance is updated.

CAUTION: Risk of electric shock

PLEASE NOTE: The light source contained on this luminaire shall only be replaced by the manufacturer, the service agent or a similar qualified person.