

**PROIETTA**.COM



## **DIAMOND 150**

Rotating gobo projector and dynamic effect.



Standard double insulation.



Dali available on request.

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## WARNING:

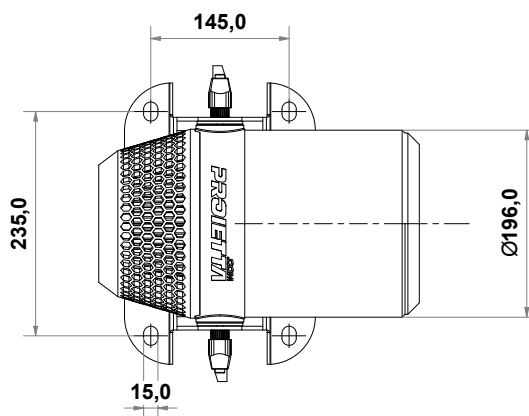
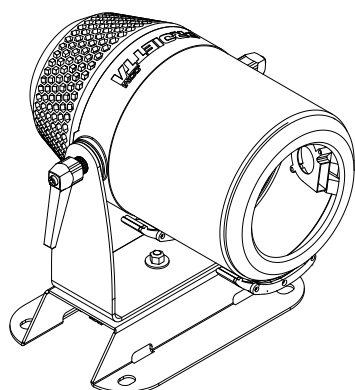
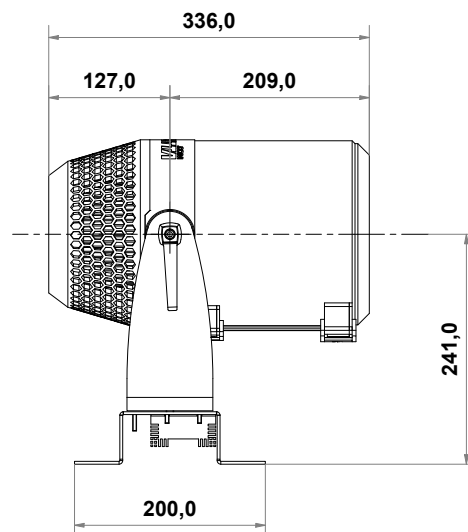
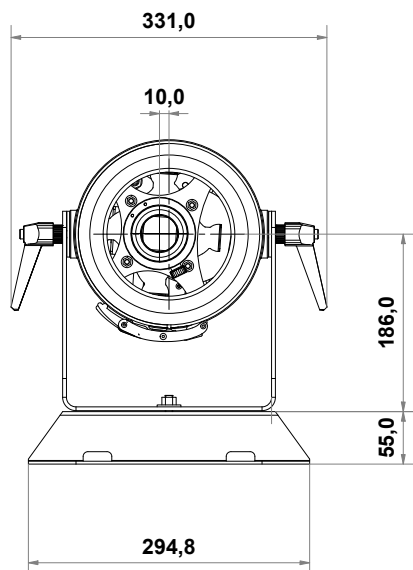
Read this instruction manual carefully  
before using the projector



Thank you for choosing a PROIETTA product

# TECHNICAL SPECIFICATIONS

<b>MODEL</b>	DIAMOND
<b>AVAILABLE OPTICS</b>	10° , 20° , 30° , 55°
<b>GOBO DIMENSIONS</b>	37,3 mm (immagine: 25 mm)
<b>DYNAMIC EFFECT WHEEL DIMENSIONS</b>	110 mm
<b>SUPPLY</b>	
TENSION	220/240 V
FREQUENCY	50/60 Hz
<b>LED</b>	
NOMINAL POWER	150 W
PROJECTOR LUMINOUS FLUX	12.000 lm
COLOUR TEMPERATURE	6.000 K (MODIFICABILE CON FILTRI DI CONVERSIONE COLORE)
DURATION	30.000 h
<b>IP (Degree of Protection)</b>	65
<b>WEIGHT</b>	8 kg
<b>DIMENSIONS</b>	See drawing below (dimensions in mm)



# SECURITY INFORMATION



Please read the following safety information carefully before performing any operation the product described in this manual is a luminaire for the projection of a light beam indoors and outdoors.

Any other use is not intended by the manufacturer and therefore releases him from any liability for damage resulting from improper use.

Any repair requiring the disassembly of the headlamp assembly screws must only be performed by the manufacturer, who disclaims any liability for unauthorised interventions.

Caution: The surface temperature of some projector components can reach values high enough to scald if touched directly, during and after switching off.

Always unplug the projector from the power socket before any operation of maintenance. Risk of electric shock if the projector or parts thereof are disassembled.

For reliable operation of the appliance, the ambient temperature must be between -25°C and 45°C.

The headlamp must be positioned in such a way that objects hit by the light beam are at least 5 metres away from the lens of the projector itself.  
Never place the projector on flammable and/or combustible surfaces.

Be sure to securely fasten the projector to an architectural element that will ensure stability and reliability. All elements used for installation (screws, bolts, brackets, etc.) must always be appropriate for the load they are to support. Use an M12 bolt with self-locking nut and in case of suspended installation use a safety chain.

Do not place objects on the power cable and in case of damage to the itself, contact the manufacturer for replacement in order to avoid electrocution hazards.

Air intakes must never be covered or obstructed with any material.  
Be sure to provide adequate ventilation to the projector to protect it from the overheating. The projector must not be placed in an enclosed installation or a compartment too small and without enough ventilation.

Do not look at the beam to avoid damaging your eyes.

Never touch the projector and all its components with wet hands.

# USING THE PROJECTOR

## 1) GRID CONNECTION

Connect the device to the mains by following the normal safety procedures valid for any device operating at low voltage.

The supply voltage must be: 220-240 V, 50-60 Hz and have a two-pole switch with a 0.03 differential circuit breaker (circuit breaker).

## 2) PROJECTOR INSTALLATION

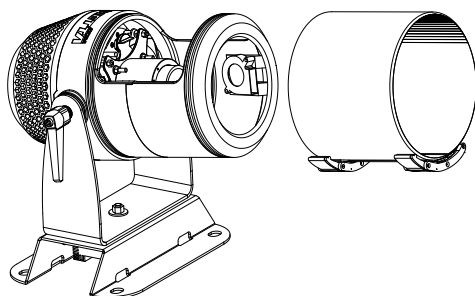
Installation must be carried out by preparing the space in which the appliance is to be used so that it is clear of any obstacles. The projector can be tilted to the desired angle using the side handles.

For special requirements the fixture may be fixed with an anchorage suitable for the material of the surface on which it is to be fixed.

it is necessary to ensure that all parts identified for fixing the fixture are in a suitable condition for supporting it. Once you have ensured that the projector has been firmly anchored to the surface, follow the steps illustrated below:

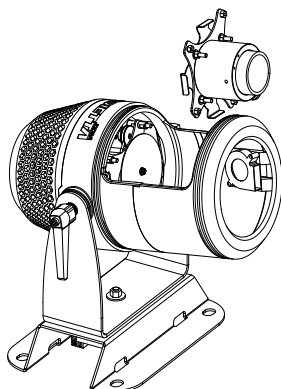
- Open the snap fasteners and then remove the front cover, as in Fig. 1.

Fig. 1



- Remove optics and mouldings by unscrewing the two knobs that hold them to the projector body, as in Fig. 2.

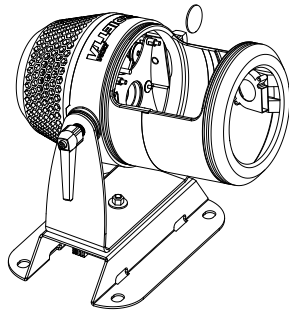
Fig. 2



### INSTALLAZIONE DEL GOBO (EFFETTO STATICO)

- Rimuovere l'anello di ritenzione metallico premendo le due estremità l'una verso l'altra.
- Inserire con cura il gobo con il lato inciso rivolto verso la sorgente luminosa e capovolgendo l'immagine.
- Rimettere l'anello di ritenzione metallico per bloccare il gobo (facendo attenzione a non danneggiarlo).

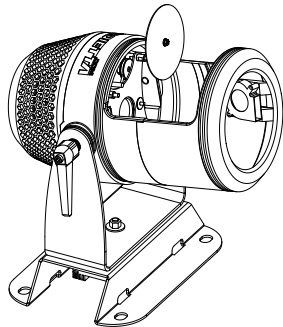
Fig. 3



### INSTALLAZIONE DELL'EFFETTO DINAMICO

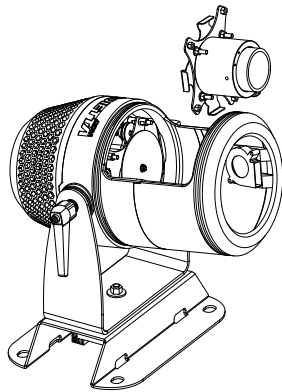
- Svitare il dado e rimuovere la rondella di colore arancione.
- Inserire con cura l'effetto dinamico con il lato inciso rivolto verso la sorgente luminosa.
- Rimette la rondella di colore arancione e riavvitare il dado senza stringere eccessivamente.

Fig. 4



- Refit optics and mouldings by screwing the two knobs that hold them to the headlamp body, as in Fig. 5.

Fig. 5

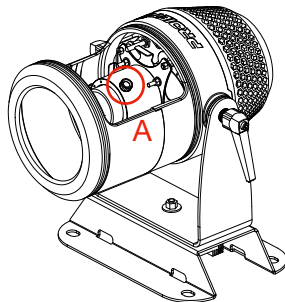


### 3) FOCUSING THE IMAGE

Aim the projector at the surface on which you want to project, making sure you are at least 5 metres away from the projector lens.

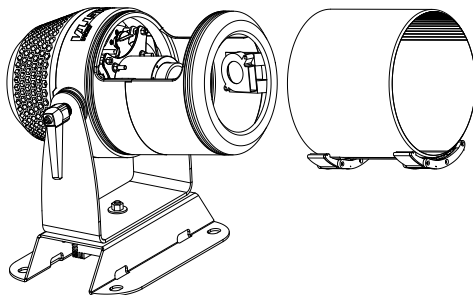
Loosen knob A that holds the lens assembled and move the lens until the image becomes sharp. Once the image is in focus, tighten knob A again to secure it.

Fig. 6



- Re-insert the cover and tighten the press fasteners, as in Fig. 7.

Fig. 7



## CARE AND MAINTENANCE

Before starting any maintenance or cleaning work on the projector, disconnect it from the power supply.

Check that the air intake openings are clean and the fans are working.  
Depending on the usage environment, the projector will need regular cleaning.  
The product should never be washed, but should only be cleaned with a slightly damp cloth.  
It is important to check the seals periodically to ensure maximum watertight performance.

Any repairs requiring the removal of the projector's assembly screws must only be carried out by the manufacturer.

Replacement of defective parts with non-original spare parts voids the warranty.

## CAUSES AND SOLUTIONS OF POSSIBLE PROBLEMS

- **The projector does not switch on**  
Check that the power supply is present
- **Reduced brightness**  
can be caused by the LED running out or by dirt in the optical elements.  
Carry out a thorough cleaning of the optical elements,  
if the problem persists contact PROIETTA customer service
- **Line circuit breaker blows at projector connection**  
The line circuit breaker is undersized in relation to the characteristics of the projector.  
Bypass or replace the line circuit breaker
- **Faulty projection**  
The gobo may have broken or dust or dirt may have settled on the gobo.  
Clean the gobo with an antistatic cloth,  
if the problem persists contact PROIETTA customer service

**TIPS:** for best results from projections project images onto dimly lit or dark surfaces, avoiding reflective surfaces (e.g. mirrors).  
Whenever possible, always prefer light-coloured surfaces

# **GUARANTEE**

The product is covered by warranty in accordance with the law (24 months). In the event of a malfunction during the period it will be repaired or replaced at the manufacturer's discretion.

The following information is indispensable for the use of the guarantee:

- Date of purchase (invoice date applies)
- Detailed description of the problem

It is essential to follow the safety instructions and warnings in this manual.

Any damage caused by non-compliance with the manual voids the warranty. The manufacturer accepts no liability for damage or problems caused by non-compliance with the manual.

Any repairs requiring the removal of the projector's assembly screws must only be carried out by the manufacturer, who declines all responsibility for unauthorised intervention. Disassembly (even partial) of the projector not carried out by the manufacturer will invalidate the warranty.

Consumable parts are not covered by the warranty.

# DECLARATION OF CONFORMITY

The product to which this manual refers complies with the European Community. The examination is made evident by the affixing of the CE mark on the product and the declaration of conformity.

The device fulfils the requirements of Directive 2002/95/EC (RoHS); of the regulations concerning general safety information: EN60598-1

EN60598-2-17 and Directive 2004/108/EC of the European Parliament on electromagnetic compatibility.



## DISPOSAL

The luminaire must be disposed of in accordance with the applicable laws on lighting products. In any case, it must not be thrown away in normal waste or dispersed in the environment, the latter action even though it is legally prosecuted in the long term. The product must not be treated as normal household waste and must be disposed of in an appropriate manner in accordance with the regulations in force regarding sorted waste disposal.



Avigliana, 09/04/2025

The image shows a handwritten signature in black ink. Below the signature is the logo for PROIETTA.COM, which consists of the word 'PROIETTA' in a bold, black, sans-serif font, followed by '.COM' in a smaller, red, sans-serif font, and a registered trademark symbol (®) to the right.

**PROIETTA** srl

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