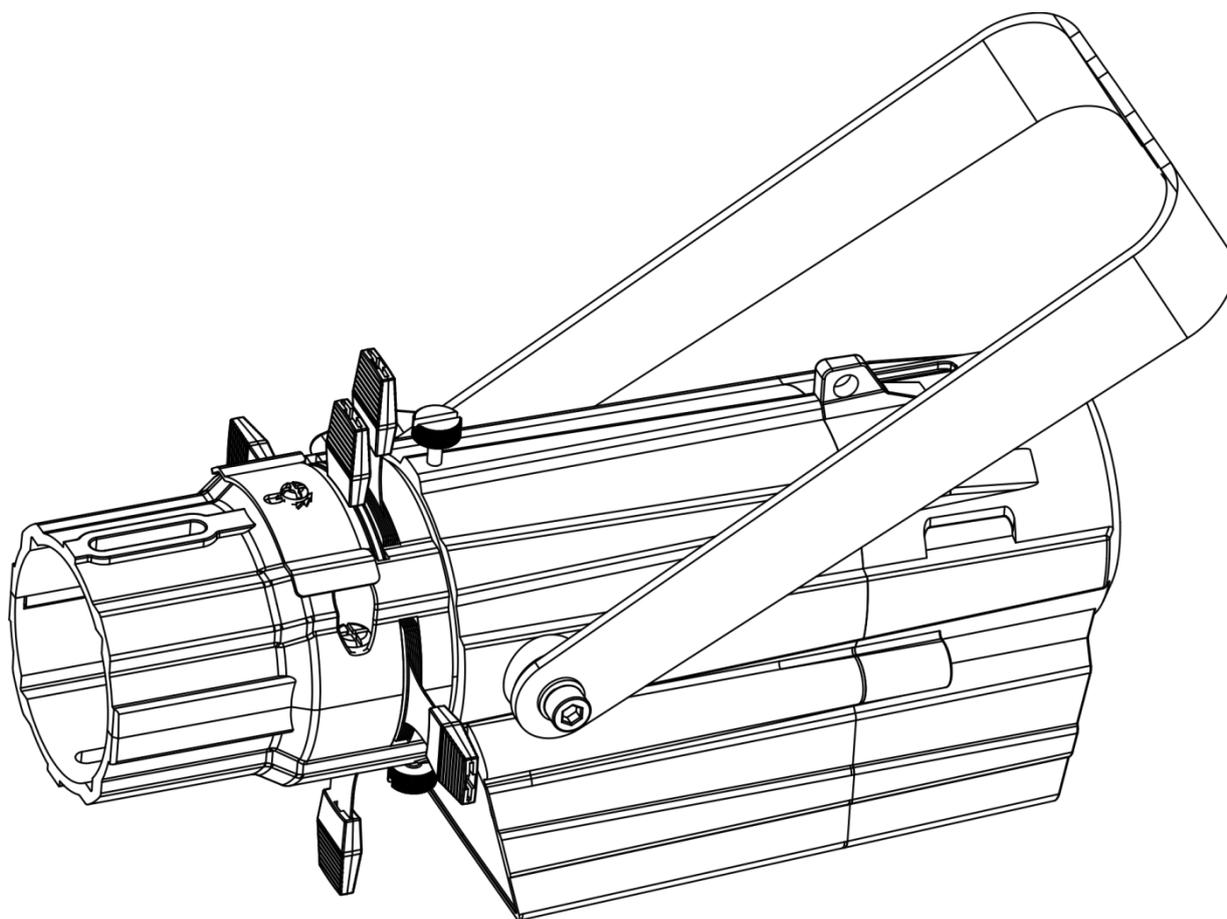




MANUAL



ENGLISH

Performer Profile Mini

V1

Ordercode: 33081

**Table of contents**

---

**Warning** .....2  
    Safety Instructions .....2  
    Operating Determinations .....4  
    Rigging .....4  
    Connection with the mains.....5  
    Return Procedure.....6  
    Claims.....6

**Description of the device**.....7  
    Frontside.....7  
    Backside .....8

**Installation**.....8

**Set Up and Operation** .....8  
    Lens Locations .....8  
    Focusing the Beam.....9  
    Gobo Slot.....9  
    Color Frame Retaining Clip.....10  
    Shaping the Beam.....10  
    Rotating the Barrel.....10  
    Control Modes.....11  
        Analog Dimmer (Control).....11  
        Analog Dimmer Set Up .....11  
        DMX-512/Triac Dimmerpack (Control) .....12  
        DMX-512/Triac Dimmerpack Set Up.....12  
    Data Cabling.....13

**Cleaning**.....13  
    Cleaning 19°, 26°, and 36° glass lenses .....13  
    Cleaning the Reflector .....13

**Maintenance**.....14

**Troubleshooting** .....14  
    No Light.....14

**Product Specifications**.....15

**Notes**.....16

## Warning



**For your own safety, please read this user manual carefully  
before your initial start-up!**

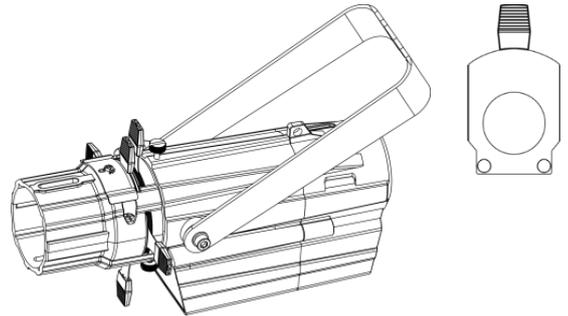


### Unpacking Instructions

Immediately upon receiving this product, carefully unpack the carton and check the contents to ensure that all parts are present, and have been received in good condition. Notify the dealer immediately and retain packing material for inspection if any parts appear damaged from shipping or the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that a fixture must be returned to the factory, it is important that the fixture be returned in the original factory box and packing.

### Your shipment includes:

- Performer Profile Mini with Schuko power cable (1,5 m)
- 1 x gobo holder
- 1 x safety cable
- User manual



### LED Expected Lifespan

LEDs gradually decline in brightness over time. HEAT is the dominant factor that leads to the acceleration of this decline. Packaged in clusters, LEDs exhibit higher operating temperatures than in ideal or singular optimum conditions. For this reason, when all color LEDs are used at their fullest intensity, life of the LEDs is significantly reduced. If improving the lifespan is of higher priority, place care in providing for lower operational temperatures. This may include climatic-environmental and the reduction of overall projection intensity.



### CAUTION!

**Keep this device away from rain and moisture!  
Unplug mains lead before opening the housing!**



### Safety Instructions

Every person involved with the installation, operation and maintenance of this device has to:

- be qualified
- follow the instructions of this manual



**CAUTION! Be careful with your operations.  
With a dangerous voltage you can suffer  
a dangerous electric shock when touching the wires!**



Before the initial start-up, please make sure that there is no damage caused by transportation. Should there be any, consult your dealer and do not use the device.

To maintain perfect condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes contained in this manual.

Please consider that damages caused by manual modifications to the device are not subject to warranty.

This device contains no user-serviceable parts. Refer servicing to qualified technicians only.

### **IMPORTANT:**

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the device.

- Never let the power cord come into contact with other cables! Handle the power cord and all connections with the mains with particular caution!
- Never remove warning or informative labels from the unit.
- Never use anything to cover the ground contact.
- Never lift the fixture holding it by the projector-head, as the mechanics may be damaged. Always hold the fixture by the transport handles.
- Never place any material over the lens.
- Never look directly into the light source.
- Never leave any cables lying around.
- Do not insert objects into air vents.
- Do not connect this device to a dimmerpack.
- Do not switch the device on and off in short intervals, as this will reduce the device's life.
- Do not touch the device's housing bare-handed during its operation (housing becomes very hot). Allow the fixture to cool for at least 5 minutes before handling.
- Do not shake the device. Avoid brute force when installing or operating the device.
- Only use the device indoors, avoid contact with water or other liquids.
- Only operate the fixture after having checked if the housing is firmly closed and all screws are tightly fastened.
- Only operate the device after having familiarized with its functions.
- Avoid flames and do not put close to flammable liquids or gases.
- Always keep the case closed while operating.
- Always allow a free air space of at least 50 cm around the unit for ventilation.
- Always disconnect power from the mains, when device is not used or before cleaning! Only handle the power cord holding it by the plug. Never pull out the plug by tugging the power cord.
- Make sure that the device is not exposed to extreme heat, moisture or dust.
- Make sure that the available voltage is not higher than stated on the rear panel.
- Make sure that the power cord is never crimped or damaged. Check the device and the power cord from time to time.
- If the lens is obviously damaged, it has to be replaced.
- If device was dropped or struck, disconnect mains power supply immediately. Have a qualified engineer inspect for safety before operating.
- If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.
- If your Showtec device fails to work properly, discontinue the use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Showtec dealer for service.
- For adult use only. The fixture must be installed beyond the reach of children. Never leave the unit running unattended.
- Never attempt to bypass the thermostatic switch or fuses.
- For replacement use fuses of same type and rating only.

- The user is responsible for correct positioning and operating of the Performer. The manufacturer will not accept liability for damages caused by the misuse or incorrect installation of this device.
- This device falls under protection class I. Therefore it is essential to connect the yellow/green conductor to earth.
- Repairs, servicing and electric connection must be carried out by a qualified technician.
- WARRANTY: Till one year after date of purchase.



### Operating Determinations

- This device is not designed for permanent operation. Consistent operation breaks will ensure that the device will serve you for a long time without defects.
- The minimum distance between light output and the illuminated surface must be bigger than 1 meter.
- The maximum ambient temperature  $t_a = 40^\circ\text{C}$  must never be exceeded.
- The relative humidity must not exceed 50 % with an ambient temperature of  $40^\circ\text{C}$ .
- If this device is operated in any other way than the one described in this manual, the product may suffer damages and the warranty becomes void.
- Any other operation may lead to dangers like short-circuit, burns, electric shock, crash, etc.

*You endanger your own safety and the safety of others!*

### Rigging

*Please follow the European and national guidelines concerning rigging, trussing and all other safety issues.*

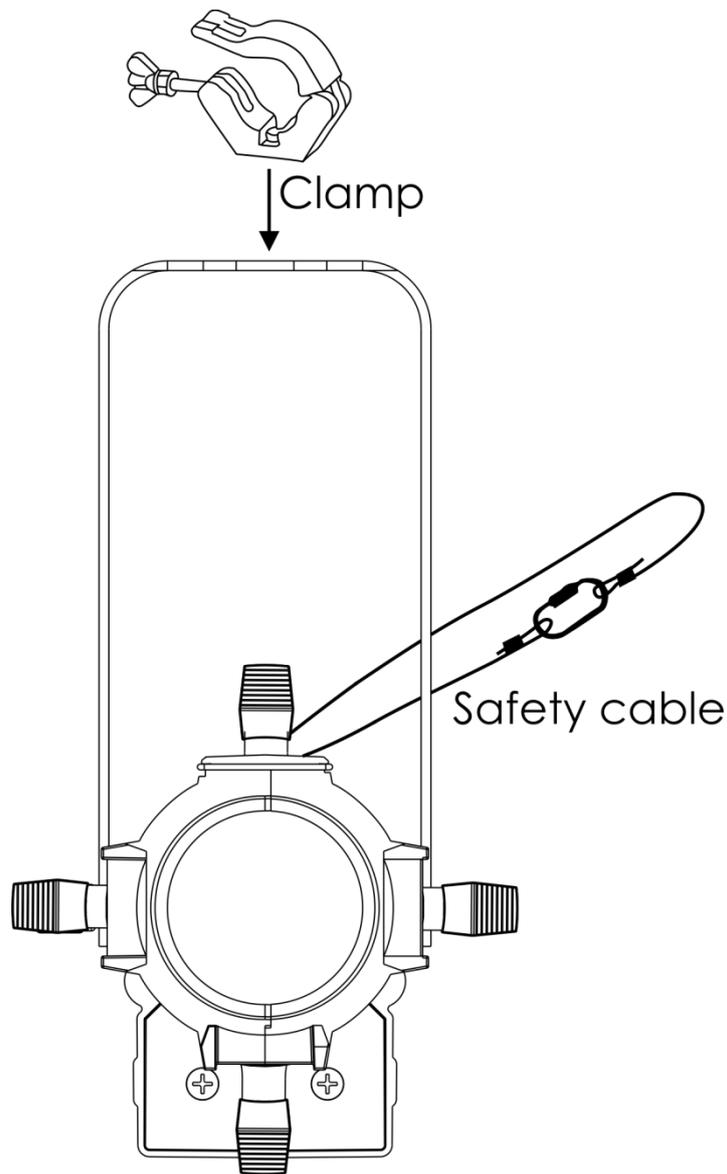
*Do not attempt the installation yourself !*

*Always let the installation be carried out by an authorized dealer !*

### Procedure:

- If the projector is lowered from the ceiling or high joists, professional trussing systems have to be used.
- Use a clamp to mount the projector, with the mounting bracket, to the trussing system.
- The projector must never be fixed swinging freely in the room.
- The installation must always be secured with a safety attachment, e.g. an appropriate safety net or safety cable.
- When rigging, derigging or servicing the projector, always make sure, that the area below the installation site is secured and that there are not any unauthorized people around.

*Improper installation can cause serious injuries and/or damage of property!*



The Performer can be placed on a flat stage floor or mounted to any kind of truss with a clamp.

### Connection with the mains

Connect the device to the mains with the power-plug.  
Always check if the right color cable is connected to the right place.

International	EU Cable	UK Cable	US Cable	Pin
L	BROWN	RED	YELLOW/COPPER	PHASE
N	BLUE	BLACK	SILVER	NEUTRAL
⊕	YELLOW/GREEN	GREEN	GREEN	PROTECTIVE GROUND

*Make sure that the device is always properly connected to the earth!*

*Improper installation can cause serious injuries and/or damage of property!*



### Return Procedure



Returned merchandise must be sent prepaid and in the original packing, call tags will not be issued. Package must be clearly labeled with a Return Authorization Number (RMA number). Products returned without an RMA number will be refused. Highlite will not accept the returned goods or any responsibility. Call Highlite 0031-455667723 or mail [aftersales@highlite.nl](mailto:aftersales@highlite.nl) and request an RMA prior to shipping the fixture. Be prepared to provide the model number, serial number and a brief description of the cause for the return. Be sure to properly pack fixture, any shipping damage resulting from inadequate packaging is the customer's responsibility. Highlite reserves the right to use its own discretion to repair or replace product(s). As a suggestion, proper UPS packing or double-boxing is always a safe method to use.

**Note: If you are given an RMA number, please include the following information on a piece of paper inside the box:**

- 01) Your name
- 02) Your address
- 03) Your phone number
- 04) A brief description of the symptoms

### Claims

The client has the obligation to check the delivered goods immediately upon delivery for any shortcomings and/or visible defects, or perform this check after our announcement that the goods are at their disposal. Damage incurred in shipping is the responsibility of the shipper; therefore the damage must be reported to the carrier upon receipt of merchandise.

It is the customer's responsibility to report and submit claims with the shipper in the event that a fixture is damaged due to shipping. Transportation damage has to be reported to us within one day after receipt of the delivery.

Any return shipment has to be made post-paid at all times. Return shipments must be accompanied with a letter defining the reason for return shipment. Non-prepaid return shipments will be refused, unless agreed otherwise in writing.

Complaints against us must be prepared in writing or sent by fax within 10 working days after receipt of the invoice. After this period complaints will not be handled anymore.

Complaints will only then be considered if the client has so far complied with all parts of the agreement, regardless of the agreement from which the obligation is resulting.

## Description of the device

### Features

The Showtec Performer Profile Mini is a compact theater spotlight fixture with high output and great effects.

- Light source: 1 x 10W White LED
- Input voltage: 220-240V AC, 60/50Hz
- Power consumption: 12W
- Light output: 380 lumen
- Peak intensity: 6608 cd
- Color rendering: >85Ra
- Color temperature: 3200K
- Dimmer: 0-10V (triac) dimmer control
- Beam angle: 19°/26°/36° (optional)
- Connections: Schuko power cable & analog 0-10V connector
- Compact size
- Extremely quiet
- Housing: Die-cast aluminum
- Cooling: Convection
- IP rating: IP20
- Dimensions: 224 x 125 x 225 mm (LxWxH)
- Weight: 1,4 kg

### Accessories:

**33082** – Performer Profile Mini Lens Tube Black 19°

**33083** – Performer Profile Mini Lens Tube Black 26°

**33084** – Performer Profile Mini Lens Tube Black 36°

**33085** – Performer Profile Mini Glare Shield for Mini Performer

**33086** – Performer Profile Mini Gobo Holder for Mini Performer

### Frontside

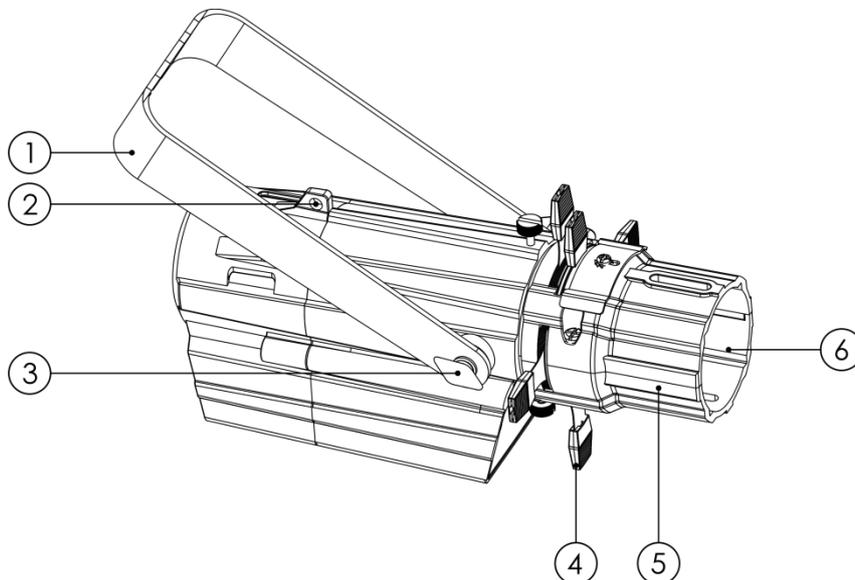


Fig. 01

- 01) Mounting bracket with inclination screw
- 02) Safety eye
- 03) Adjustment screw
- 04) Shutter
- 05) Lens tube
- 06) 1 x 10W White LED

Backside

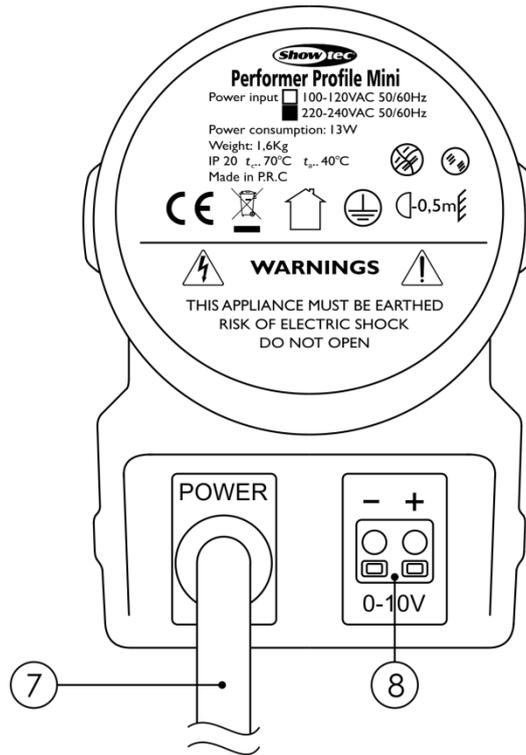


Fig. 02

- 07) Schuko power cable 220-240V
- 08) Analog dimmer / triac dimmerpack connector 0-10V

Installation

Remove all packing materials from the Performer Profile Mini. Check if all foam and plastic padding is removed. Connect all cables.

**Do not supply power before the whole system is set up and connected properly.**  
**Always disconnect from electric mains power supply before cleaning or servicing.**  
**Damages caused by non-observance are not subject to warranty.**

Set Up and Operation

Follow the directions below, as they pertain to your preferred operation mode.  
 Before plugging the unit in, always make sure that the power supply matches the product specification voltage. Do not attempt to operate a 120V specification product on 230V power, or vice versa.  
 Connect the device to the main power supply.

Lens Locations

The different lenses used in the Performer are not interchangeable. When installing a new tube lens, refer to the illustration below for proper placement.

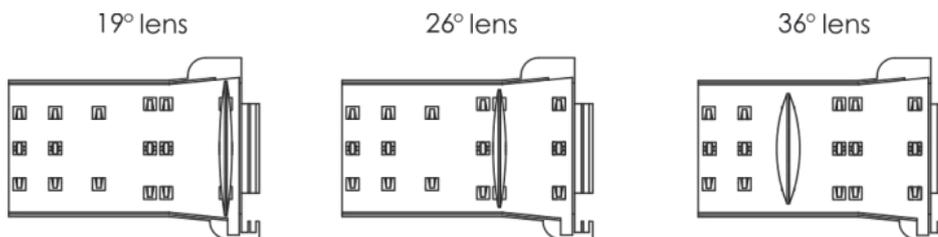


Fig. 03

### Focusing the Beam

- 01) Loosen the beam focus controls located under the barrel (Fig. 04).
- 02) Slide the lens tube forwards or backwards to achieve the desired beam edge.
- 03) Once the fixture is focused, tighten the beam focus controls.

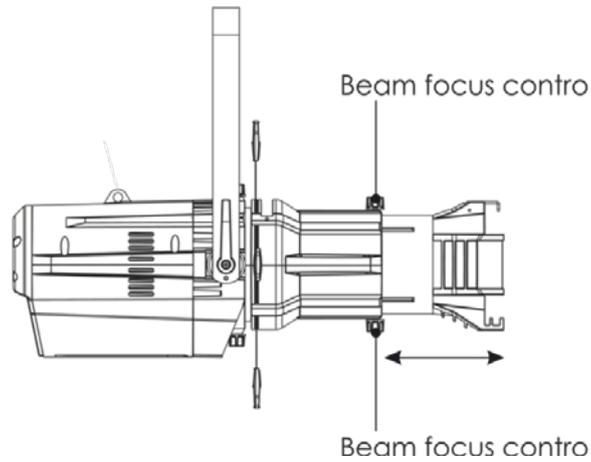


Fig. 04

### Gobo Slot

The gobo slot is located on the top of the barrel and is supposed to accommodate the gobo holder (33086). When the slot is not in use, a small sheet metal cover secured with a screw prevents light leakage (Fig. 05).

- 01) Use a screwdriver to loosen the screw on the gobo slot cover. Do not remove the screw.
- 02) Slide the cover completely forward to expose the slot.
- 03) Insert the gobo holder.
- 04) Slide the slot cover back towards the shutters, until it meets the gobo holder's handle. Leave enough space to move the handle.
- 05) Secure the slot cover by tightening the screw.

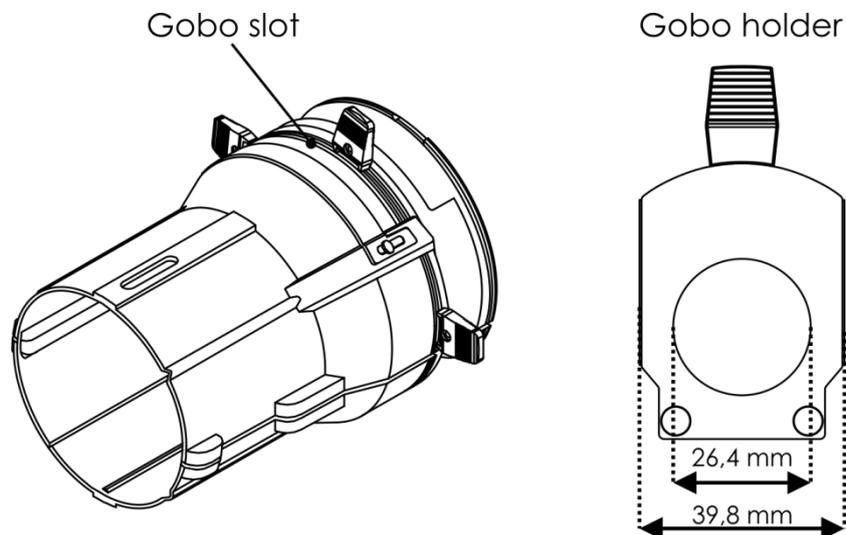


Fig. 05

### Color Frame Retaining Clip

The color frame holder is equipped with a spring-loaded retaining clip. This prevents color frames and accessories from falling out (Fig. 06).



**Make sure that all color frame accessories are locked in position with the retaining clip before hanging the Performer Profile Mini.**



- 01) Release the retaining clip by pushing it sideways, until it opens.
- 02) Insert the color frame(s).
- 03) Lock the retaining clip by pushing it to the initial position, until it is secured.

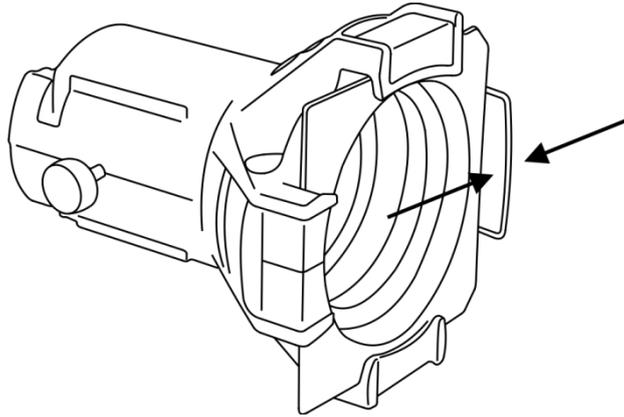


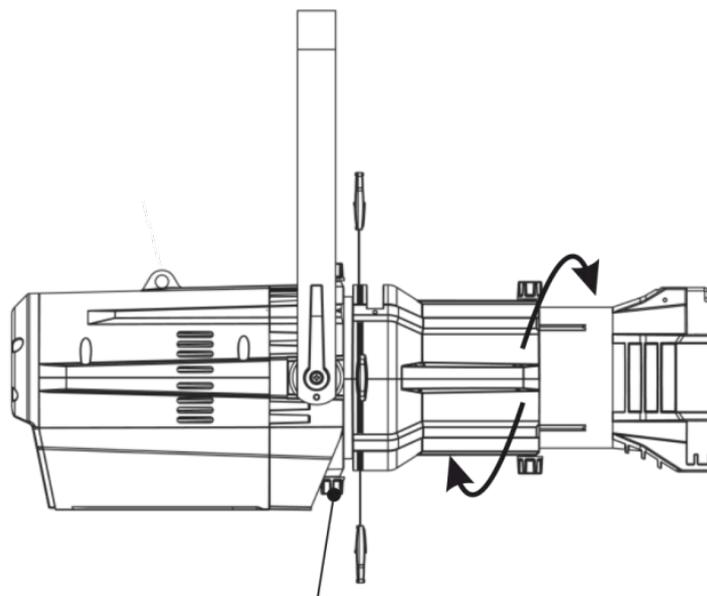
Fig. 06

### Shaping the Beam

You may shape the beam with the shutters, a gobo holder or by rotating the barrel.

#### Rotating the Barrel

- 01) Loosen the barrel rotation control. It can be found directly behind the shutters on the bottom side of the reflector housing (Fig. 07). **Do not remove the barrel rotation control.**
- 02) Rotate the barrel to the desired position.
- 03) Once the barrel is positioned, tighten the barrel's rotation control to lock it.



Barrel rotation control

Fig. 07

## Control Modes

- There are 2 modes:
- Analog Dimmer
  - DMX-512/Triac Dimmerpack

### Analog Dimmer (Control)

- 01) Fasten the effect light to a firm trussing. Leave at least 0,5 meter on all sides for air circulation.
- 02) Always use a safety cable (ordercode 70140 / 70141).
- 03) Plug the end of the electric mains power cord into a proper electric power supply socket.
- 04) Connect an analog dimmer to the dimmer connector on the Performer (08).
- 05) Operate the dimmer in order to set LED brightness (Fig. 08).

### Analog Dimmer Set Up

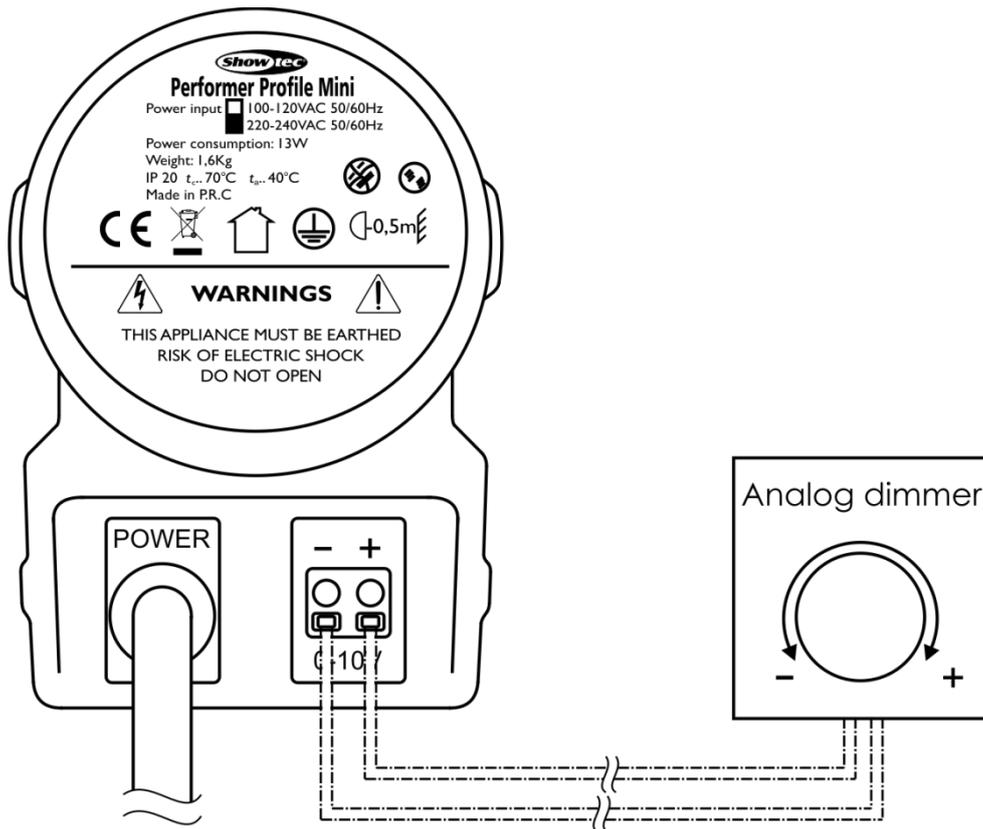
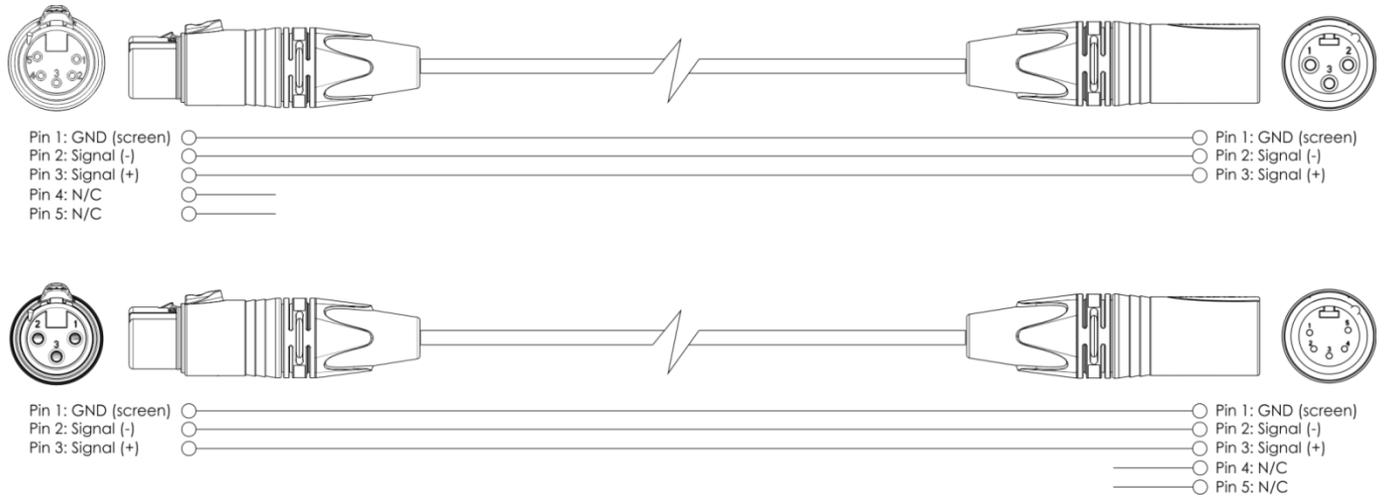


Fig. 08

## DMX-512/Triac Dimmerpack (Control)

- 01) Fasten the effect light to a firm trussing. Leave at least 0,5 meter on all sides for air circulation.
- 02) Always use a safety cable (ordercode 70140 / 70141).
- 03) Use a 3-pin XLR cable to connect the Performer and other devices.



- 04) Connect your light controller to your (triac) dimmerpack, using a DMX-signal cable (Fig. 09).
- 05) Supply electric power: Plug the Performer's mains power cord into the (triac) dimmerpack. Do not supply power before the whole system is set up and connected properly.
- 06) Operate the light controller to set LED brightness.

## DMX-512/Triac Dimmerpack Set Up

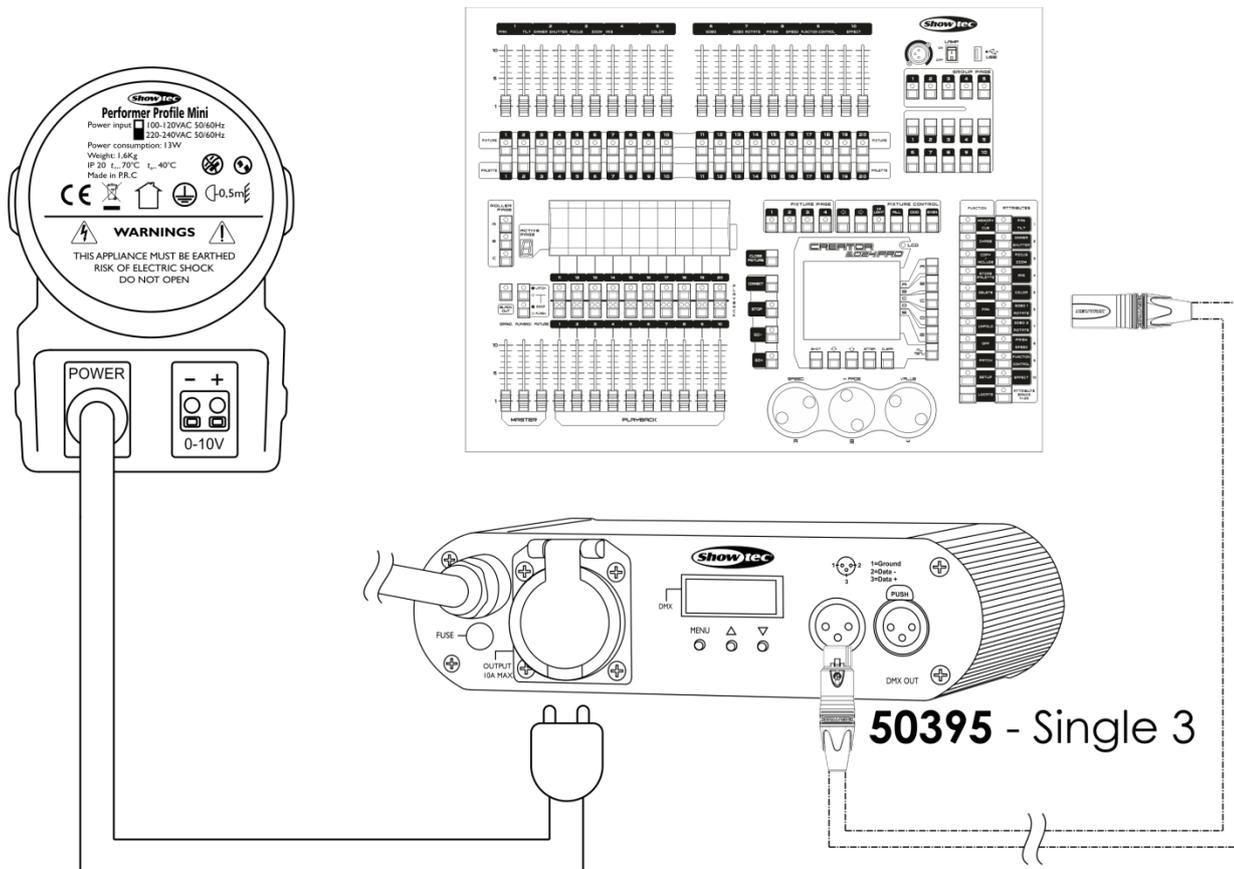


Fig. 09

## Data Cabling

To link fixtures together, you must obtain data cables. You can purchase DAP Audio certified DMX cables directly from a dealer/distributor or construct your own cable. If you choose to create your own cable, please use data-grade cables that can carry a high quality signal and are less prone to electromagnetic interference.

### DAP Audio DMX Data Cables

- DAP Audio Basic microphone cable for allround use. bal. XLR/M 3-pin > XLR/F 3-pin. **Ordercode** FL01150 (1,5 m), FL013 (3 m), FL016 (6 m), FL0110 (10 m), FL0115 (15 m), FL0120 (20 m).
- DAP Audio X-type data cable XLR/M 3-pin > XLR/F 3-pin. **Ordercode** FLX0175 (0,75 m), FLX01150 (1,5 m), FLX013 (3 m), FLX016 (6 m), FLX0110 (10 m).
- DAP Audio cable for the demanding user with exceptional audio-qualities and connector made by Neutrik®. **Ordercode** FL71150 (1,5 m), FL713 (3 m), FL716 (6 m), FL7110 (10 m).
- DAP Audio cable for the demanding user with exceptional audio-qualities and connector made by Neutrik®. **Ordercode** FL7275 (0,75 m), FL72150 (1,5 m), FL723 (3 m), FL726 (6 m), FL7210 (10 m).
- DAP Audio 110 Ohm cable with digital signal transmission. **Ordercode** FL0975 (0,75 m), FL09150 (1,5 m), FL093 (3 m), FL096 (6 m), FL0910 (10 m), FL0915 (15 m), FL0920 (20 m).

## Cleaning

Please follow the next recommendations when cleaning and inspecting lenses and reflectors:

Do not use glass or window type cleaners on lenses (glass or polymer) or reflectors.

Do not use abrasive materials such as steel wool.

Replace lenses if they contain visible damage (cracks or deep scratches) which that may impair their effectiveness.

### Cleaning 19°, 26°, and 36° glass lenses

- 01) Remove the beam focus controls at the bottom of the barrel. Remove the lens tube from the barrel.
- 02) Dampen a clean lint-free cloth with vinegar or household ammonia. You may also use water, but it will leave spots that can be removed by gently polishing the lens with a clean and dry cloth.
- 03) Starting from the center, gently wipe the lens.
- 04) Slide the lens tube back into the barrel with the color frame-retaining clip on top. Replace the beam focus controls.

### Cleaning the Reflector



**Unplug the fixture before attempting to clean the reflector. To quickly clean the reflector, remove the lens tube and clean the dust from the reflector with a blast of oil-free air.**



**You may also wipe the reflector with a clean lint-free cloth. If either method is not sufficient, follow the instructions below. You will need a screwdriver to complete this procedure.**

- 01) Remove the barrel rotation controls located at the bottom of the barrel. Use a screwdriver to remove the retainer bolt located on top of the reflector housing.
- 02) Rotate the barrel by 45° in either direction. Carefully remove the barrel from the reflector housing.
- 03) Dampen a clean lint-free cloth with alcohol or distilled water (alcohol is recommended).
- 04) Gently wipe the reflector.
- 05) Insert the barrel into the reflector housing with the iris/pattern slot on top (line up the triangles on both parts).
- 06) While pressing in gently, rotate the barrel by 45° clockwise until it sets into position. Then, rotate the barrel counterclockwise 45°. The barrel should be firmly attached and the triangles should line up again.
- 07) Replace the barrel rotation controls and tighten the retainer bolt.

## Maintenance

The operator has to make sure that safety-related and machine-technical installations are to be inspected by an expert after every year in the course of an acceptance test.  
The operator has to make sure that safety-related and machine-technical installations are to be inspected by a skilled person once a year.

The following points have to be considered during the inspection:

- 01) All screws used for installing the device or parts of the device have to be tightly connected and must not be corroded.
- 02) There may not be any deformations on housings, fixations and installation spots.
- 03) Mechanically moving parts like axles, eyes and others may not show any traces of wearing.
- 04) The electric power supply cables must not show any damages or material fatigue.

The Performer Profile Mini requires almost no maintenance. However, you should keep the unit clean. Otherwise, the fixture's light output will be significantly reduced. Disconnect the mains power supply, and then wipe the cover with a damp cloth. Do not immerse in liquid. Wipe lens clean with glass cleaner and a soft cloth. Do not use alcohol or solvents.

The front lens will require weekly cleaning, as smoke-fluid tends to build up residues, reducing the light-output very quickly.

Please clean internal components once a year with a light brush and vacuum cleaner.

Make sure connections are thoroughly dry before linking equipment or supplying electric power.

## Troubleshooting

This troubleshooting guide is meant to help solve simple problems.

If a problem occurs, carry out the steps below in sequence until a solution is found. Once the unit operates properly, do not carry out following steps.

### No Light

If the light effect does not operate properly, refer servicing to a technician.

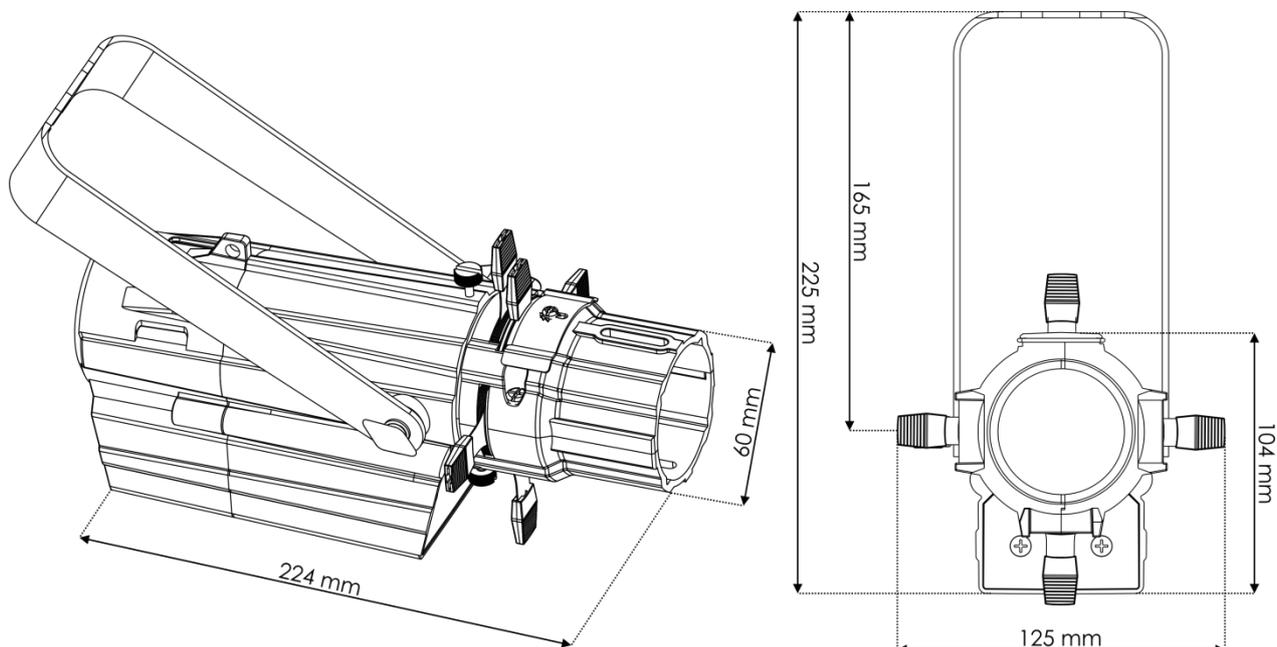
Suspect three potential problem areas as: the power supply, the LEDs, the fuse.

- 01) Power supply. Check if the unit is plugged into an appropriate power supply.
- 02) The LEDs. Return the Performer to your Showtec dealer.
- 03) If both of the above appear to be O.K., plug the unit in again.
- 04) If you are unable to determine the cause of the problem, do not open the Performer, as this may damage the unit and the warranty will become void.
- 05) Return the device to your Showtec dealer.

Problem	Probable cause(s)	Solution
One or more fixtures do not function at all	No power to the fixture	<ul style="list-style-type: none"> <li>• Check if power is switched on and cables are plugged in</li> </ul>
	Internal fuse blown	<ul style="list-style-type: none"> <li>• Return the device to your local Showtec dealer</li> </ul>
No light or lamp cuts out intermittently	Fixture is too hot	<ul style="list-style-type: none"> <li>• Allow the fixture to cool down</li> <li>• Make sure air vents in control panel and the front lens are not blocked</li> <li>• Turn up the <u>air conditioning</u></li> </ul>
	LEDs damaged	<ul style="list-style-type: none"> <li>• Disconnect the fixture and return it to your dealer</li> </ul>
	The power supply settings do not match local AC voltage and frequency	<ul style="list-style-type: none"> <li>• Disconnect fixture. Check settings and correct if necessary</li> </ul>

## Product Specifications

Model:	Showtec Performer Profile Mini
Input voltage:	220-240V AC, 60/50Hz
Power consumption:	12W (full output)
Dimensions:	224 x 125 x 225 mm (LxWxH)
Weight:	1,4 kg
<b>Electro-mechanical effects:</b>	
Light source:	1 x 10W White LED
Beam angle:	19°/26°/36° (optional)
Dimmer:	0-10V (triac) dimmer control
Peak intensity:	6608 cd
Light output:	380 lumen
Color rendering:	>85Ra
Color temperature:	3200K
Housing:	Die-cast aluminum
Connections:	Schuko power cable & analog 0-10V connector
IP rating:	IP20
Cooling:	Convection
Max. ambient temperature $t_a$ :	40°C
Max. housing temperature $t_B$ :	80°C
<b>Minimum distance:</b>	
Minimum distance from flammable surfaces:	0,5 m
Minimum distance to lighted object:	1 m



Design and product specifications are subject to change without prior notice.



Website: [www.Showtec.info](http://www.Showtec.info)

Email: [service@highlite.nl](mailto:service@highlite.nl)









©2015 Showtec