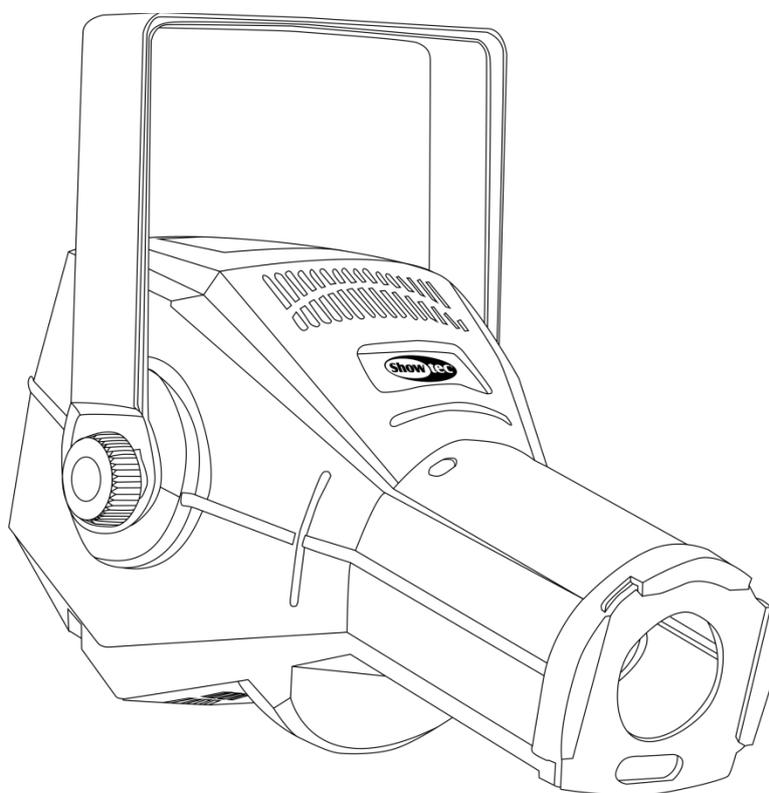




MANUAL



ENGLISH

LED Imagespot 75W V1

Ordercode: 40713

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Warning

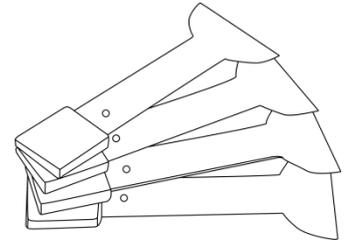
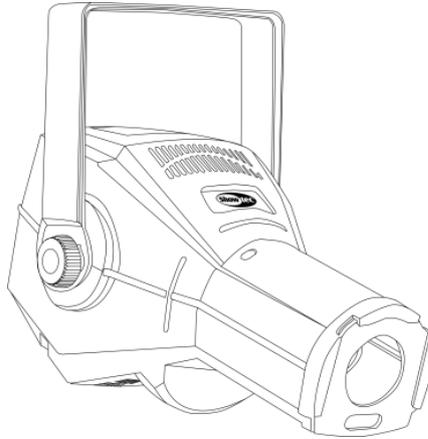
**For your own safety, please read this user manual carefully
before your initial start-up!**

**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 to be damaged from shipping or the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that the 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:

- Showtec LED Imagespot 75W
- IEC Cable 0,9m
- 4 x framing shutters
- User manual

**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 your 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 written 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 would reduce the device's lifespan.
- Do not touch the device's housing bare-handed during its operation. 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 device indoor, avoid contact with water or other liquids.
- Only operate the fixture after having checked that 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 case closed while operating.
- Always allow 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 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 to prevent its functions from being impaired, due to cracks or deep scratches.
- 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 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. Device must be installed out of 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 LED Imagespot 75W. 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 electrical connection must be carried out by a qualified technician.
- WARRANTY: Till one year after date of purchase.



CAUTION! Eyedamages!!!
Avoid looking directly into the lightsource!!!
(meant especially for epileptics)!!!



Operating Determinations

- This device is not designed for permanent operation. Regular 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 0,5 meter.
- The maximum ambient temperature $t_a = 45^\circ\text{C}$ must never be exceeded.
- The relative humidity must not exceed 50 % with an ambient temperature of 45°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

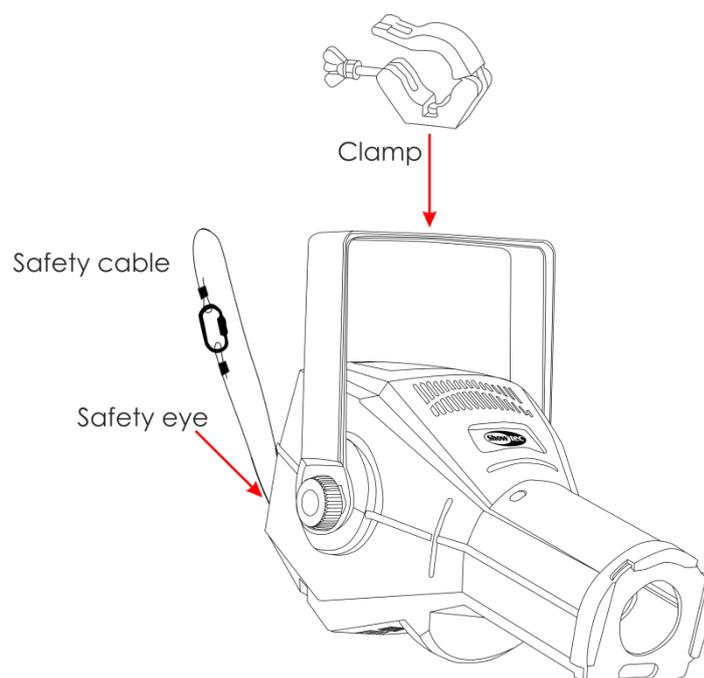
Please follow the European and national guidelines concerning rigging, trussing and all other safety issues.

Do not attempt the installation yourself !

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

Procedure:

- If the LED Imagespot 75W is lowered from the ceiling or high joists, professional trussing systems can be used.
- Use a clamp to mount the LED Imagespot 75W, with the mounting-bracket, to the trussing system.
- The LED Imagespot 75W 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 LED Imagespot 75W, always make sure, that the area below the installation place is blocked and staying in the area is forbidden.



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

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 connected properly to the earth!

Improper installation can cause serious damage to people and 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 offersales@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 of the return. Be sure to properly pack fixture as 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 notify and submit claims with the shipper in the event that the 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 made known in writing or by fax within 10 working days after receipt of the invoice. After this period, complaints will not be handled anymore.

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

Description of the device

Features

The Showtec imagespot 75W is a professional LED gobo projector with DMX control. It has a zoom range from 14°-22° which is easy to set and focus with the adjustable optics. Together with the framing shutters it is possible to precisely illuminate your desired object without unwanted stray light. It has a smooth dimming curve and 8 dichros with split function to create an extra dimension to your gobo projection. It can be controlled by 4 DMX channels or used stand alone and set with the internal menu. The gobo slot accepts standard or personalized round and square shaped gobos.

- DMX control
- Temp controlled fan
- 14° - 22° Zoom range
- Framing shutters
- Accepts round & square gobos
- Input Voltage: 100~240VAC 50/60Hz
- Fuse: F3AL/250V
- Power consumption: 115W @ Full Output
- Lux@2m 14°: 8790
- Lux@2m 22°: 3680
- LED Source: 1x 75W
- Control On-Board: Display for settings & manual control
- Control Protocol: DMX512
- Control Personality: 4Ch
- Dimmer: 0-100%
- Strobe: 0-20Hz
- Zoom: Manual 14° - 24°
- Inner Gobo size: 18 mm
- Outer Gobo size: 40 mm
- Max Gobo thickness: 1 mm
- Colors: 8 dichroic-filters + white
- Color functions: Split colors, Rainbow-flow effect
- Housing: Black Metal & Flame-retardant plastic
- Power connections: IEC in/out (max 14 links)
- Data connections: XLR 3&5p in/output
- Cooling: Forced Cooling (Fan)
- IP Rating: IP-20
- Dimensions: 385 x 260 x 285 mm (LxWxH)
- Weight: 4,5 kg

Overview

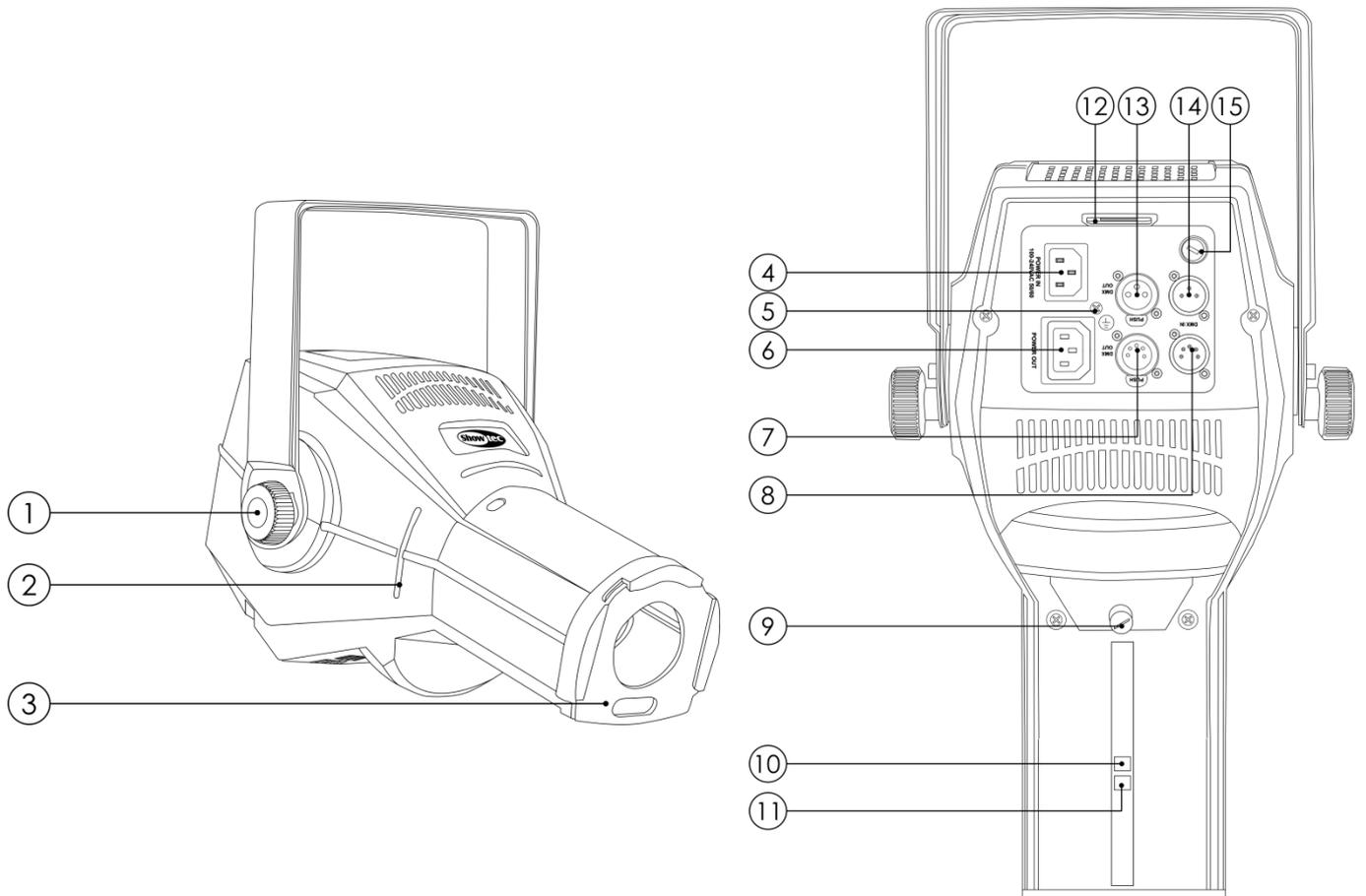


Fig. 01

- 01) Adjustment screw + mounting bracket for Truss mounting
- 02) Beam adjustment slot (4x)
- 03) Filterframe (**filter not included!!!**)
- 04) Power IEC IN
- 05) Ground/Earth connection
- 06) Power IEC OUT (max. 14 links)
- 07) DMX signal connector (OUT) 5-pin
- 08) DMX signal connector (IN) 5-pin
- 09) Gobo compartment cover with fastening screw
- 10) Lens 1 adjustment slide
- 11) Lens 2 adjustment slide
- 12) Safety eye
- 13) DMX signal connector (OUT) 3-pin
- 14) DMX signal connector (IN) 3-pin
- 15) Fuse F3AL/250V

Installation

Remove all packing materials from the LED Imagespot 75W. Check that 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.

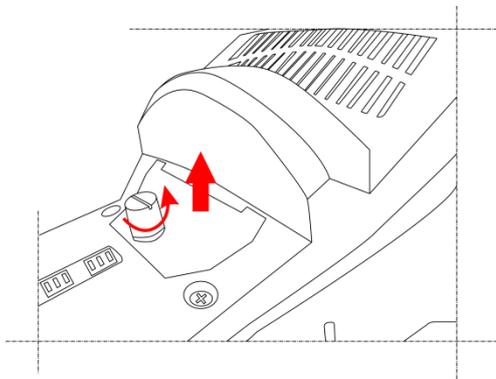
Before plugging the unit in, always make sure that the power supply matches the product specification voltage. Do not attempt to operate a 120V specification product on 230V power, or vice versa.

Connect the device to the main power supply.

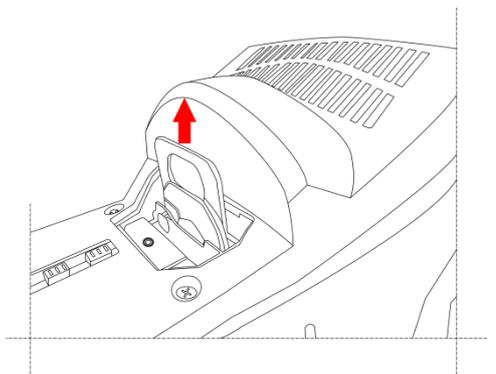
Placing a gobo in the gobo compartment

Follow the steps below to place a gobo in the gobo compartment.

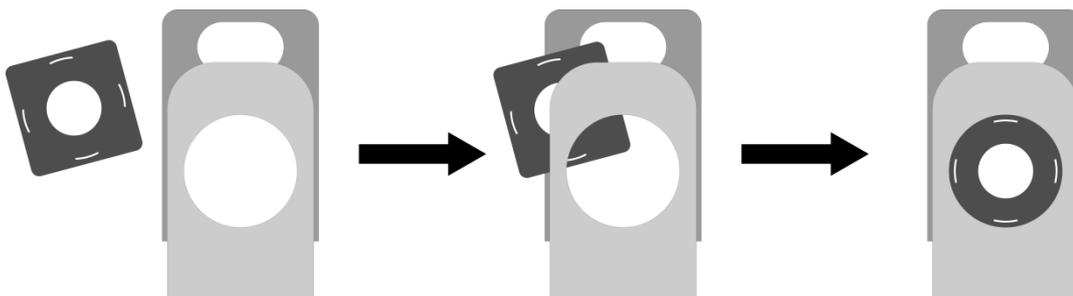
01) Loosen the gobo compartment cover screw and remove the cover.



02) Take the gobo holder out of the device.

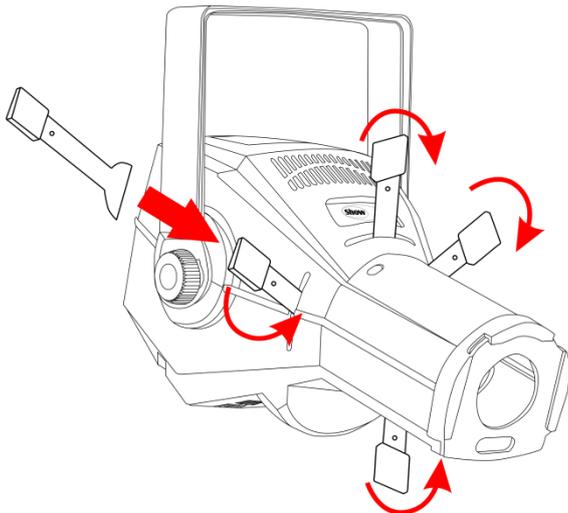


03) Gently slide your gobo (**Not included!!**) into the gobo holder.



04) Take the gobo holder and place it back into the gobo compartment.

Placing the framing shutters



- 01) Place the framing shutter at an angle in the according slot.
- 02) Gently move the framing shutter while lowering it as indicated by the red arrow.

Control Modes

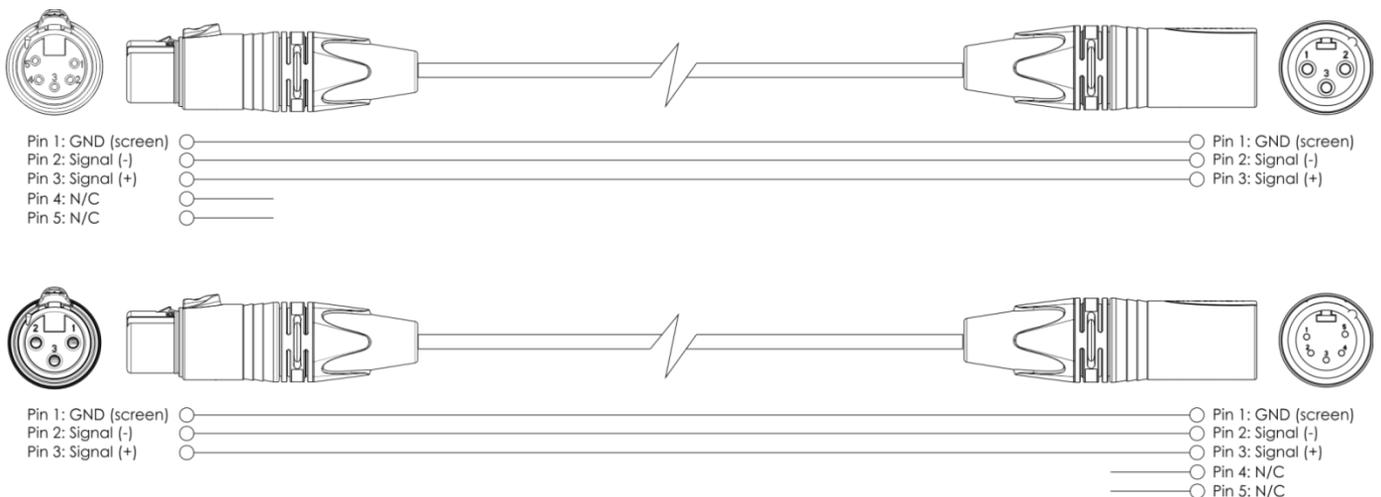
- There are 2 modes:
- Manual control
 - DMX-512 (4 CH)

One LED Imagespot 75W (Manual mode)

- 01) Fasten the effect light to a firm trussing. Leave at least 0,5 meter on all sides for air circulation.
- 02) Plug the end of the electric mains power cord into a proper electric power supply socket.
- 03) When the LED Imagespot 75W is not connected with a DMX cable, it functions as a stand-alone device. Please see page 13 for more information about the Manual mode.

Multiple LED Imagespots 75W (DMX 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 LED Imagespots 75W and other devices.



- 04) Link the units as shown in fig. 02. Connect the first unit's DMX "out" socket with the second unit's "in" socket, using a DMX-signal cable. Repeat this process to link the second, third, and fourth units.
- 05) Supply electric power: Plug electric mains power cords into each unit's IEC socket, then plug the other end of the mains power cord into proper electric power supply sockets, starting with the first unit. Do not supply power before the whole system is set up and connected properly.

Multiple LED Imagespots 75W Set Up

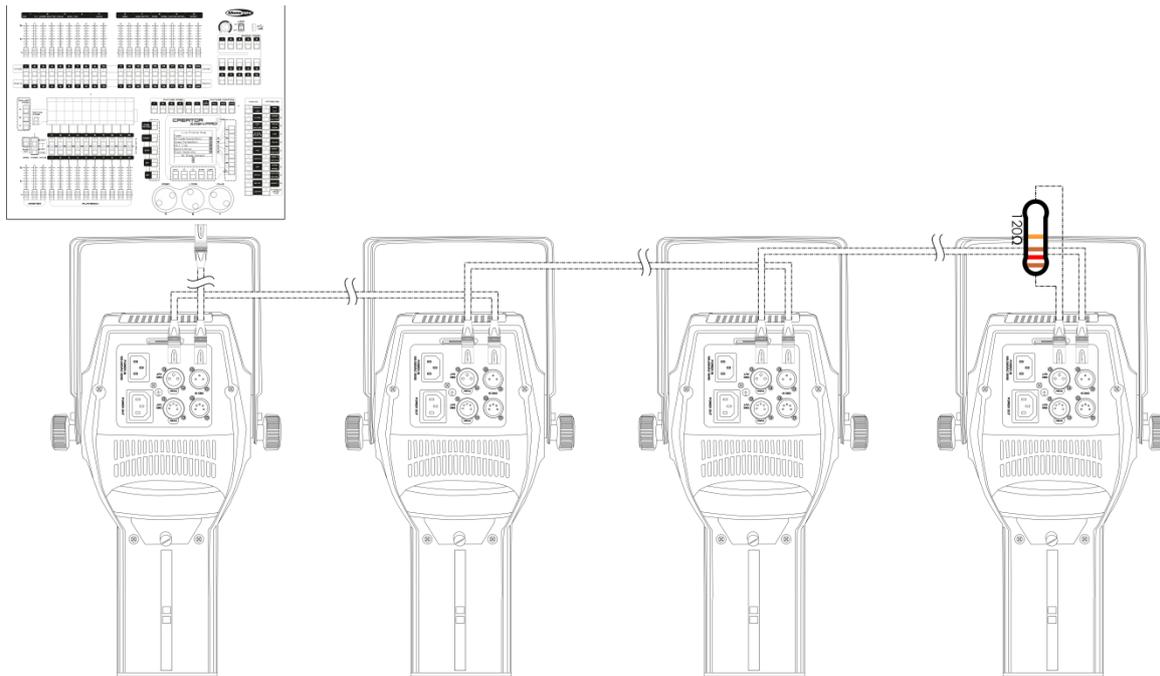


Fig. 02

Note : Link all cables before connecting electric power

Fixture Linking

You will need a serial data link to run light shows of one or more fixtures using a DMX-512 controller or to run synchronized shows of two or more fixtures set to a master/slave operating mode. The combined number of channels required by all the fixtures on a serial data link determines the number of fixtures the data link can support.

Important: Fixtures on a serial data link must be daisy-chained in a single line. To comply with the EIA-485 standard, no more than 14 devices should be connected on one data link. Connecting more than 14 fixtures on one serial data link without the use of a DMX optically isolated splitter may result in deterioration of the digital DMX signal.



Maximum recommended DMX data link distance: 100 meters

Maximum recommended number of fixtures on a DMX data link: 14 fixtures

Maximum recommended number of fixtures on a Power link: 14 fixtures

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).
- DAP Audio DMX adapter: 3-pin/5-pin. **Ordercode** FLA30.

The LED Imagespot 75W can be operated with a controller in DMX mode or without the controller in stand-alone mode.

Control Panel

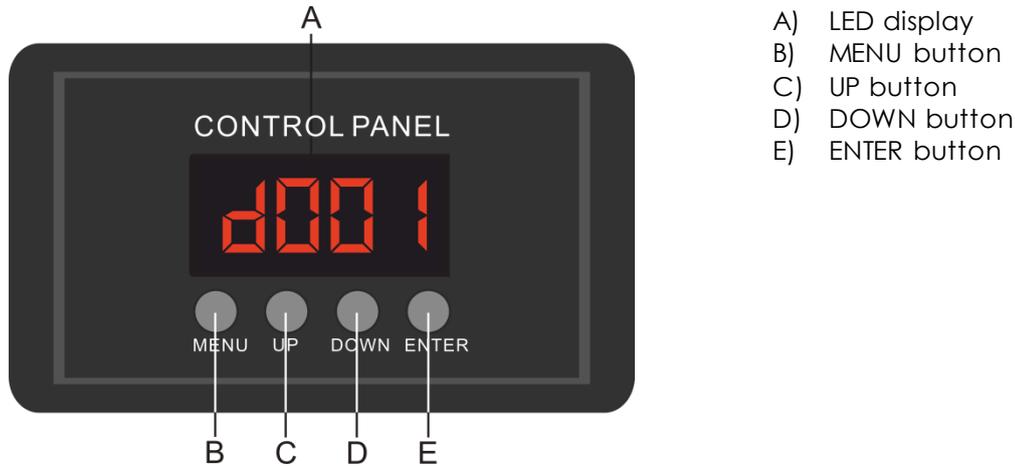


Fig. 03

Control Mode

The fixtures are individually addressed on a data-link and connected to the controller. The fixtures respond to the DMX signal from the controller. (When you select the DMX address and save it, the controller will display the saved DMX address, next time.)

DMX Addressing

The control panel on the upper side of the device allows you to assign DMX fixture addresses, which is the first channel with which the LED Imagespot 75W will respond to the controller.

Please note, when you use the controller, the unit has **4** channels.

When using multiple LED Imagespots 75W, make sure you set the DMX addresses right.

Therefore, the DMX address of the first LED Imagespot 75W should be **1(001)**; the DMX address of the second LED Imagespot 75W should be **1+4=5 (05)**; the DMX address of the third LED Imagespot 75W should be **5+4=9 (009)**, etc. Please, be sure that you do not have any overlapping channels in order to control each LED Imagespot 75W correctly. If two or more LED Imagespots 75W are addressed similarly, they will work similarly.

Controlling:

After having addressed all LED Imagespot 75W fixtures, you may now start operating these via your lighting controller.

Note: After switching on, the LED Imagespot 75W will automatically detect whether DMX 512 data is received or not. If not, the problem may be:

- The XLR cable from the controller is not connected with the input of the LED Imagespot 75W.
- The controller is switched off or defective, the cable or connector is defective, or the signal wires are swapped in the input connector.

Note: It is necessary to insert an XLR termination plug (with 120 Ohm) in the last fixture in order to ensure proper transmission on the DMX data link.

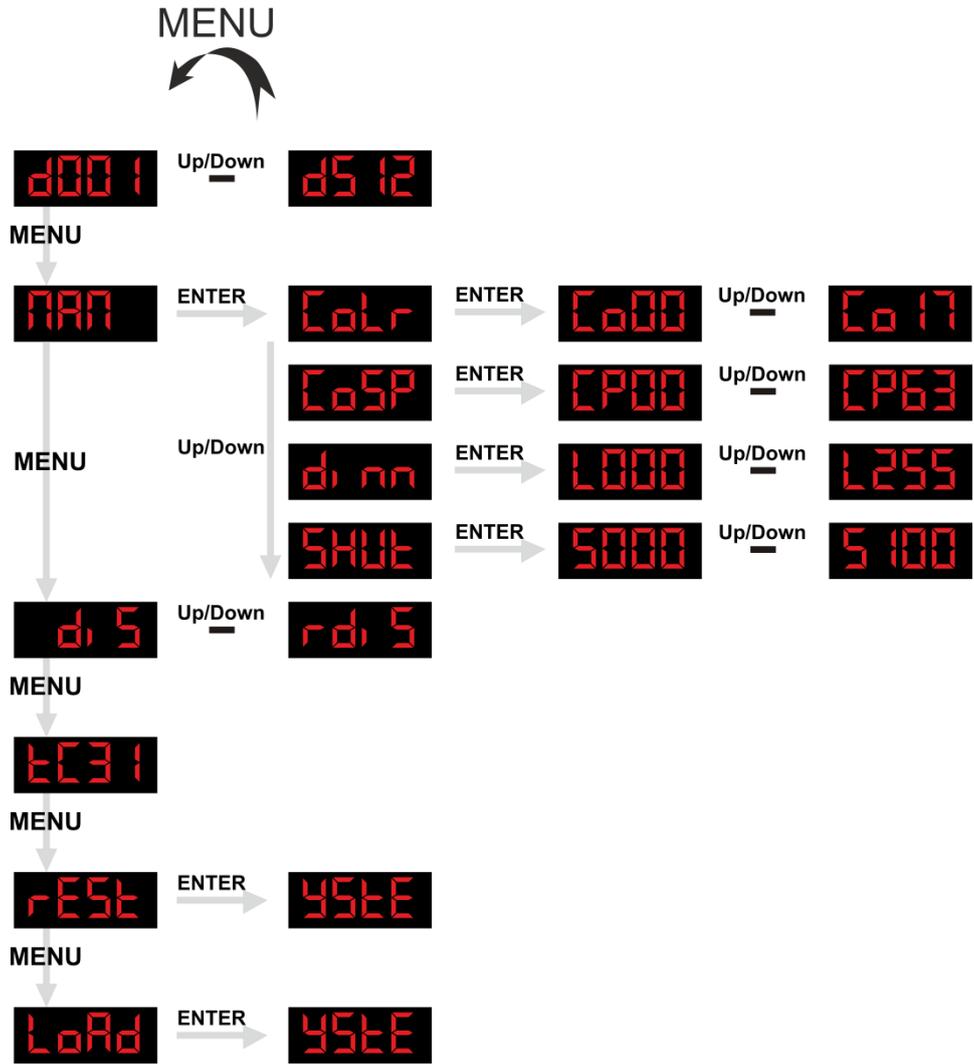
Display Off after 30 seconds

When no button is pressed for 30 seconds, the display will turn off.

To light up the display, you have to press the **MENU**, **ENTER**, **UP** or **DOWN** button.

Once you have pressed the button, the display will light up.

Menu Overview



Main Menu Options

- d001** DMX address
- MAN** Manual mode
- di 5** Display setting
- tC31** Temperature
- rEst** Reset system
- LoAd** Reset factory settings

DMX Addressing

With this menu option you can set the DMX address.

- 01) Press the **MENU** button, until the display shows **2001**.
- 02) You can choose 512 different DMX addresses.
- 03) Use the **UP/DOWN** buttons to select the required address from **2001** ^{Up/Down} **2512**.

Manual mode

With this menu option you can choose a static color and control the settings of the color.

- 01) Press the **MENU** button, until the display shows **MAN**.
- 02) Press the **ENTER** button to open this menu.



- 03) Scroll through this submenu with the **UP/DOWN** buttons.
- 04) When the display shows **CoLr**, you can choose one of the 18 pre-programmed colors.
- 05) Press the **ENTER** button to open this menu. Use the **UP/DOWN** buttons to scroll through the preset colors **Co00** ^{Up/Down} **Co17**.
- 06) Press the **MENU** button to return to the previous menu.
- 07) When the display shows **CoSP** you can set the speed of the color rainbow. Press the **ENTER** button to open this menu and use the **UP/DOWN** buttons to set the speed between **CP00** ^{Up/Down} **CP63**.
- 08) When the display shows **di nn** you can set the intensity of the color. Press the **ENTER** button to open this menu and use the **UP/DOWN** buttons to set the intensity between **L000** ^{Up/Down} **L255**.
- 09) When the display shows **SHUT** you can set the strobe frequency. Press the **ENTER** button to open this menu and use the **UP/DOWN** buttons to set the frequency between **5000** ^{Up/Down} **5100**.

Display mode

With this menu option you can choose the direction of the display text.

- 01) Press the **MENU** button, until the display shows **di S**.
- 02) In this mode the display text will be displayed normally.
- 03) With the **UP/DOWN** buttons you can choose between **di S** ^{Up/Down} **r di S**.
- 04) If you choose **r di S** and press the **ENTER** button the display text will be reversed.

Temperature

- 01) Press the **MENU** button, until the display shows **tC31**.
- 02) Now you can see the current temperature of the LED.

Reset system

With this menu option you can reset the system after changing its settings.

- 01) Press the **MENU** button, until the display shows **rESE**.
- 02) Press the **ENTER** button to confirm, the display will show **Y5tE**.
- 03) The fixture will now start up with the previous settings.

Reset factory settings

With this menu option you can reset the system to its factory default settings.

- 01) Press the **MENU** button, until the display shows **LoAd**.
- 02) Press the **ENTER** button to confirm, the display will show **456E**.
- 03) The fixture will now start up with the original factory settings.

Service Menu Options

- 01) To open the service menu, press and hold the **MENU** button for at least 10 seconds.
- 02) Now enter the password: **2323**.
Use the **UP** button to scroll through 0-9 and use the **DOWN** button to select a digit.
- 03) If no button is pressed for 10 seconds the device will return to the main menu.

0000 Up/Down **0255** Color wheel adjustment from 000-255

MENU

L000 Up/Down **L255** Dimmer intensity from 000-255

MENU

Pt75 Temperature protection setting

Color wheel adjustment

With this menu option you can adjust the color wheel.

- 01) Press the **MENU** button, until the display shows **0000**.
- 02) With the **UP/DOWN** buttons you can choose the adjustment between **0000** Up/Down **0255**.

Dimmer intensity

With this menu option you can adjust the dimmer intensity at the start up.

- 01) Press the **MENU** button, until the display shows **L000**.
- 02) With the **UP/DOWN** buttons you can choose the dimmer intensity between **L000** Up/Down **L255**.
- 03) The fixture will start up every time with the chosen dimmer intensity.

Temperature protection setting

With this menu option you can see the temperature protection setting.

- 01) Press the **MENU** button, until the display shows **Pt75**.
- 02) Now you can see the temperature protection setting.

DMX Channels

4 Channels

Channel 1 – Master Dimmer intensity

0-255 Gradual adjustment, from dark to brightest 0-100%

Channel 2 – Shutter/strobe (CH1 or CH4 must be set between 001-255 )

0-3 Closed

4-7 Open

8-215 Strobe flash frequency, from slow to fast (0-20 Hz)

216-255 Open

Channel 3 – Fan speed

0-1 Automatic speed control

2-255 Speed fan from slow to fast

Channel 4 – Color wheel (CH1 must be set between 001-255 and CH2 between 004-007 or 216-255 )

0-6 White

7-13 Yellow

14-20 Pink

21-27 Green

28-34 Red

35-41 Light blue

42-48 Light green

49-55 Orange

56-63 Dark blue

64-70 Split colors White + Yellow

71-77 Split colors Yellow + Pink

78-84 Split colors Pink + Green

85-91 Split colors Green + Red

92-98 Split colors Red + Light blue

99-105 Split colors Light blue + Light green

106-112 Split colors Light green + Orange

113-119 Split colors Orange + Dark blue

120-127 Split colors Dark blue + White

128-191 Clockwise rotation (CW) color flow from slow to fast

192-255 Counterclockwise rotation (CCW) color flow from slow to fast

Maintenance

The operator has to make sure that safety-relating and machine-technical installations are to be inspected by an expert after every four years in the course of an acceptance test.

The operator has to make sure that safety-relating 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 LED Imagespot 75W requires almost no maintenance. However, you should keep the unit clean. Otherwise, the fixture's light-output will be significantly reduced. Switch off the device and then wipe the cover with a damp cloth. Wipe the front glass panel clean with glass cleaner and a soft cloth. Do not use alcohol or solvents. The front glass panel will require weekly cleaning, as smoke-fluid tends to build up residues, reducing the light-output very quickly. Do not immerse in liquid.

Keep connections clean. Disconnect electric power, and then wipe the DMX connections with a damp cloth. Make sure connections are thoroughly dry before linking equipment or supplying electric power.

Replacing the Fuse

Power surges, short-circuit or inappropriate electrical power supply may cause a fuse to burn out.

If the fuse burns out, the product will not function whatsoever. If this happens, follow the directions below:

- 01) Unplug the unit from electric power source.
- 02) Insert a flat-headed screwdriver into a slot in the fuse cover. Turn the screwdriver to the left, at the same time gently push a bit (Turn and Push). The fuse will come out.
- 03) Remove the used fuse. If brown or unclear, it is burned out.
- 04) Insert the replacement fuse into the holder. Reinsert the fuse cover. Be sure to use a fuse of the same type and specification. See the product specification label for details.

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 that the unit is plugged into an appropriate power supply.
- 02) The LED. Return the LED Imagespot 75W to your Showtec dealer.
- 03) The fuse. Replace the fuse. See page 16 for replacing the fuse.
- 04) If all of the above appears to be O.K., plug the unit in again.
- 05) If you are unable to determine the cause of the problem, do not open the LED Imagespot 75W, as this may damage the unit and the warranty will become void.
- 06) Return the device to your Showtec dealer.

No Response to DMX

Suspect the DMX cable or connectors, a controller malfunction, a light effect DMX card malfunction.

- 01) Check the DMX setting. Make sure that DMX addresses are correct.
- 02) Check the DMX cable: Unplug the unit; change the DMX cable; then reconnect to electrical power. Try your DMX control again.
- 03) Determine whether the controller or light effect is at fault. Does the controller operate properly with other DMX products? If not, take the controller in for repair. If so, take the DMX cable and the light effect to a qualified technician.

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"> • Check if power is switched on and cables are plugged in
	Primary fuse blown	<ul style="list-style-type: none"> • Replace fuse
Fixtures reset correctly, but all respond erratically or not at all to the controller	The controller is not connected.	<ul style="list-style-type: none"> • Connect controller.
	3-pin XLR Out of the controller does not match XLR Out of the first fixture on the link (i.e. signal is reversed)	<ul style="list-style-type: none"> • Install a phase reversing cable between the controller and the first fixture on the link
Fixtures reset correctly, but some respond erratically or not at all to the controller	Poor data quality	<ul style="list-style-type: none"> • Check data quality. If much lower than 100 percent, the problem may be a bad data link connection, poor quality or broken cables, missing termination plug, or a defective fixture disturbing the link
	Bad data link connection	<ul style="list-style-type: none"> • Inspect connections and cables. Correct poor connections. Repair or replace damaged cables
	Data link not terminated with 120 Ohm termination plug	<ul style="list-style-type: none"> • Insert termination plug in output jack of the last fixture on the link
	Incorrect addressing of the fixtures	<ul style="list-style-type: none"> • Check address setting
	One of the fixtures is defective and disturbs data transmission on the link	<ul style="list-style-type: none"> • Bypass one fixture at a time until normal operation is restored: unplug both connectors and connect them directly together. • Have the defective fixture serviced by a qualified technician
	3-pin XLR Out on the fixtures does not match (pins 2 and 3 reversed)	<ul style="list-style-type: none"> • Install a phase-reversing cable between the fixtures or swap pin 2 and 3 in the fixture that behaves erratically
No light or lamp cuts out intermittently	Fixture is too hot	<ul style="list-style-type: none"> • Allow the fixture to cool down • Clean the fan • Make sure air vents in control panel and the front lens are not blocked • Turn up the air conditioning
	LEDs damaged	<ul style="list-style-type: none"> • Disconnect the fixture and return it to your dealer
	The power supply settings do not match local AC voltage and frequency	<ul style="list-style-type: none"> • Disconnect fixture. Check settings and correct if necessary

Product Specifications

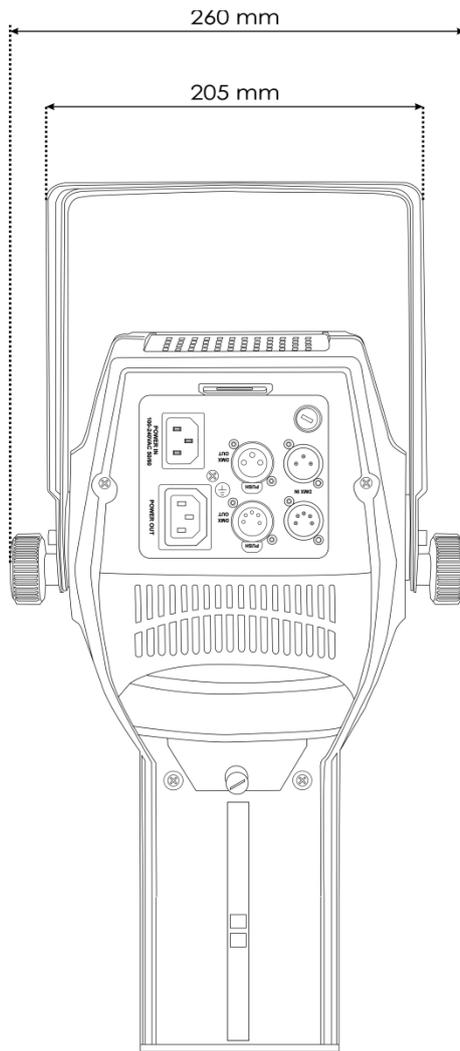
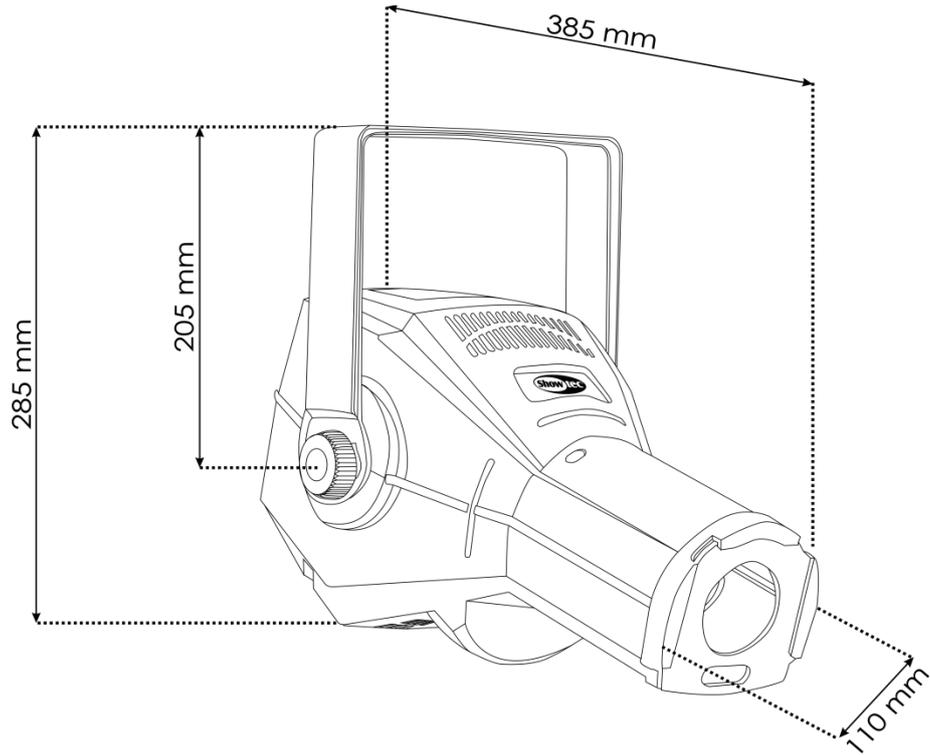
Model:	Showtec LED Imagespot 75W
Input Voltage:	100-240 VAC, 50/60Hz
Power consumption:	115W @ Full Output
DMX linking:	14 pcs
Protection rate:	IP-20
Fuse:	F3AL/250V
Dimensions:	385 x 260 x 285 mm (LxWxH)
Weight:	4,50 kg
Operating and Programming:	
Signal pin OUT:	Pin 1 (earth), pin 2 (-), pin 3 (+)
DMX Mode:	4 channels
Signal input:	3-pin DMX IN & 5-pin DMX IN
Signal output:	3-pin DMX OUT & 5-pin DMX OUT
Electro-mechanical effects:	
LED Quantity:	1 x 75W
Lux @2m 14°:	8790
Lux @2m 22°:	3680
Zoom:	Manual 14° - 22°
Dimmer:	0-100%
Strobe:	0-20Hz
Housing:	Black Metal & Flame-retardant plastic
DMX-control:	via standard DMX-controller
On Board:	4-digit LED display for easy setup
Control:	Manual and DMX
Power Connections:	IEC in/out (max 14 links)
Data connections:	XLR 3&5 pin in/output
Cooling:	Forced Cooling (Fan)
Inner Gobo size:	18 mm
Outer Gobo size:	40mm
Max Gobo thickness:	1mm
Colors:	8 dichroic-filters + white
Color functions:	Split colors, Rainbow-flow effect
Max. ambient temperature t_a :	40°C
Max. housing temperature t_B :	80°C
Minimum distance:	
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
 Email: service@highlite.nl

Dimensions





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