

# PROFILO COMPACT

## Z 20° - 40°



**Halogen lamp**



**The Lighting Company**

**User Manual ver. 1.0**

Le informazioni contenute in questo documento sono state attentamente redatte e controllate. Tuttavia non è assunta alcuna responsabilità per eventuali inesattezze. Tutti i diritti sono riservati e questo documento non può essere copiato, fotocopiato, riprodotto per intero o in parte senza previo consenso scritto della D.T.S.

D.T.S. si riserva il diritto di apportare senza preavviso cambiamenti e modifiche estetiche, funzionali o di design a ciascun proprio prodotto. D.T.S. non assume alcuna responsabilità sull'uso o sull'applicazione dei prodotti o dei circuiti descritti.

The information contained in this publication has been carefully prepared and checked. However, no responsibility will be taken for any errors. All rights are reserved and this document cannot be copied, photocopied or reproduced, in part or completely, without prior written consent from D.T.S.

D.T.S. reserves the right to make any aesthetic, functional or design modifications to any of its products without prior notice. D.T.S. assumes no responsibility for the use or application of the products or circuits described herein.

Les informations contenues dans le présent manuel ont été rédigées et contrôlées avec le plus grand soin. Nous déclinons toutefois toute responsabilité en cas d'éventuelles inexactitudes. Tous droits réservés. Ce document ne peut être copié, photocopié ou reproduit, dans sa totalité ou partiellement, sans le consentement préalable de D.T.S.

D.T.S. se réserve le droit d'apporter toutes modifications et améliorations esthétiques, fonctionnelles ou de design, sans préavis, à chacun de ses produits. D.T.S. décline toute responsabilité sur l'utilisation ou sur l'application des produits ou des circuits décrits.

Las informaciones contenidas en este documento han sido cuidadosamente redactadas y controladas. Con todo, no se asume ninguna responsabilidad por eventuales inexactitudes. Todos los derechos han sido reservados y este documento no puede ser copiado, fotocopiado o reproducido, total o parcialmente, sin previa autorización escrita de D.T.S.

D.T.S. se reserva el derecho a aportar sin previo aviso cambios y modificaciones de carácter estético, funcional o de diseño a cada producto suyo. D.T.S. no se asume responsabilidad de ningún tipo sobre la utilización o sobre la aplicación de los productos o de los circuitos descritos.

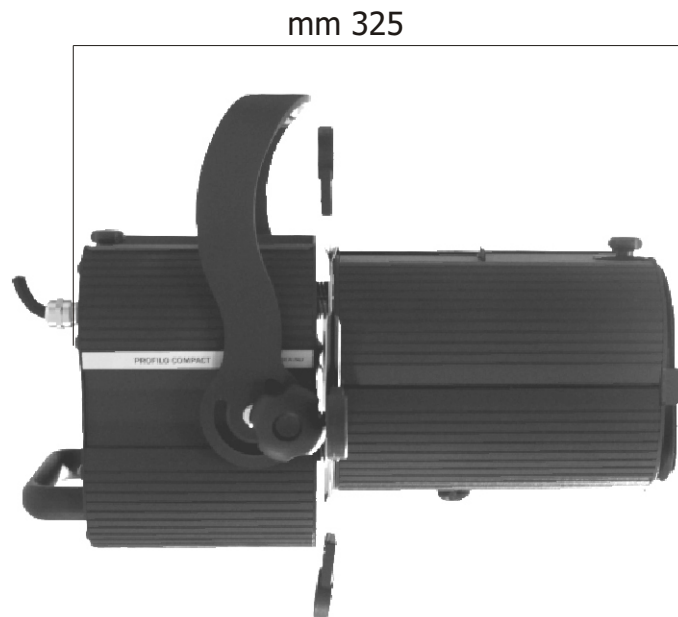
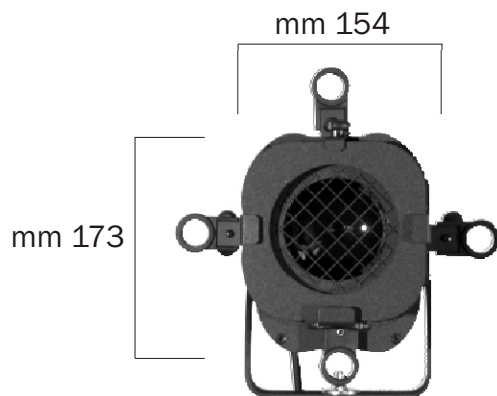
**INDICE**

Technical features	page	4
Important Safety informations	page	5
Mounting the lamp	page	5
Voltage and frequency	page	6
Installation	page	6
Mains connection	page	7
Projector use	page	7
Open the unit	page	9
Periodic cleaning	page	10

**MADE IN ITALY**

## 1- TECHNICAL FEATURES

Voltage: 230V 50/60 Hz  
 Lamp socket: Gy9,5 (300 W halogen lamp)  
 IP grade protection: IP20  
 Steel body with aluminium parts  
 2 lenses optic condenser  
 Linear Focus  
 Linear Zoom: 20° - 40 °  
 Metal Filter Holder: 150mm \* 150mm  
 Metal protection grid  
 No internal Fans  
 Internal profiler built up with four independent steel blades  
 Weight : 7,5 Kg  
 Dimensions:



## ACCESSORIES

"C" Clamp G50 black (max. Load 10Kg) (cod. 0521A012)  
 "C" Clamp G30 chrome (max.load. 10Kg) (cod. 0521A012.20)  
 Safety wire (3mm x 60 cm), ring spring catch (max. load 60Kg) (cod. 0521A010)  
 LAMP. 300W 230V GY9,5 CP81 cod 0505A005  
 LAMP. 300W 230V GY9,5 M38 cod 0505A032  
 Gel filters

## 2- IMPORTANT SAFETY INFORMATIONS

### 2.1 Fire prevention:

- PROFILO Compact halogen uses a GY9,5 300W lamp.
- Never locate the fixture on any flammable surface.
- Minimum distance from flammable materials: 1 MT.
- Minimum distance from the closest illuminable surface: 1 MT.
- Connect the projector to mains power via a thermal magnetic circuit breaker.

### 2.2 Prevention of electric shock:

- High voltage is present inside the unit. Unplug the unit prior to performing any function which involves touching the inside of the projector, including lamp replacement.
- The level of technology present in the PROFILO Compact requires the assistance of specialised personnel for all servicing. Please refer to an authorised D.T.S. service centre.
- A good earth connection is essential for proper functioning of the projector.
- Never connect the unit without proper earth connection.
- The fixture should be located in places with a good air ventilation.
- Never look directly into the lamp when it is on.

### 2.4 Safety:

- The projector should always be installed with bolts, clamps and other tools that are capable of supporting the weight of the unit.
- Always use a second safety cable to sustain the weight of the unit in case of the failure of the main fixing point.
- The external surface of the unit, at various points, may exceed 150°C. Never handle the unit until at least 15 minutes have elapsed since the lamp was turned off.
- Always replace the lamp if any physical damage is evident.
- Never install the fixture in an enclosed area lacking sufficient air flow. The ambient temperature should not exceed 35°C.
- A hot lamp may explode, so always wait for at least 15 minutes prior to attempting to replace the lamp.
- Always wear suitable hand protection when handling the lamp.

### 2.5 Level of protection against the penetration of solid and liquid matter:

- The projector is classified as an ordinary appliance and its protection level against the penetration of solid and liquid matter is IP 20.

## 3- MOUNTING THE LAMP

**Warning: Switch off the unit before replacing the lamp.**

Lamp:

CP81	GY9.5 300W	230/240V	6900 LM	3200 °K	Life time 150 hours
M38	GY9.5 300W	230/240V	5500 LM	2900 °K	Life time 2000 hours

1): Loose the screw and the knob located on the top back side of the unit (photo 1 and 2).

Photo 1



Photo 2



2) Remove the top back cover (photo 3) and insert the lamp (photo 4).

The lamp used is manufactured from quartz glass and should be handled with care. Always adhere to the instructions supplied in the lamp's packaging. Never touch the glass directly but use the tissue provided in the lamp's packaging. The Gy 9.5 lampbase is asymmetrical.

**DO NOT USE UNDUE FORCE ON THE GLASS.** In case of difficulty, re-read the instructions and repeat the procedure.

Photo 3



Photo 4



No lamp alignment needed

#### 4- VOLTAGE AND FREQUENCY:

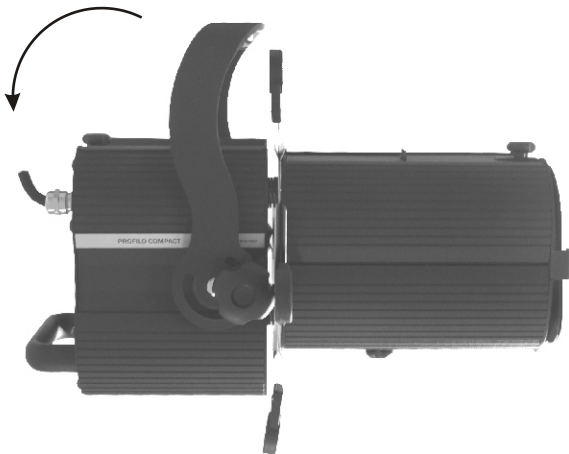
Profilo Compact Halogen operates at 230V 50 - 60 Hz.

#### 5- INSTALLATION:

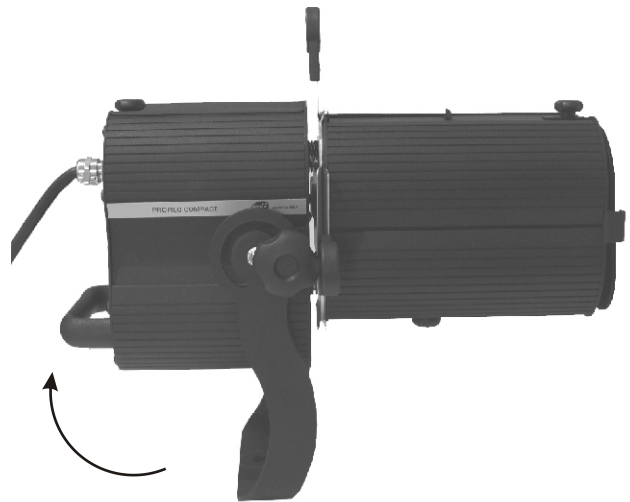
Profilo Compact Halogen may be either floor or ceiling mounted.

For ceiling mounted installations, we recommend the use of appropriate clamps to fix the unit to the mounting surface.

A safety cable must always be present.



ceiling installations



Floor installations

WARNING: The rear side of the unit, can reach very high temperature.  
Handle the projector with extreme caution

#### 5.5 Ambient temperature:

The projector should never be installed in places that lack a constant air flow. The ambient temperature should NOT exceed 35 °C.

### 6- MAINS CONNECTION

PROFILO 500 operates at 230 VOLT 50-60 Hz. Prior to connecting the unit to your mains supply, ensure that the model in your possession correctly matches the mains supply available. For connection purposes, ensure that your plug is capable of supporting 6 amps at 230V, Strict adherence to regulatory norms is strongly recommended.

#### 6.1 Protection:

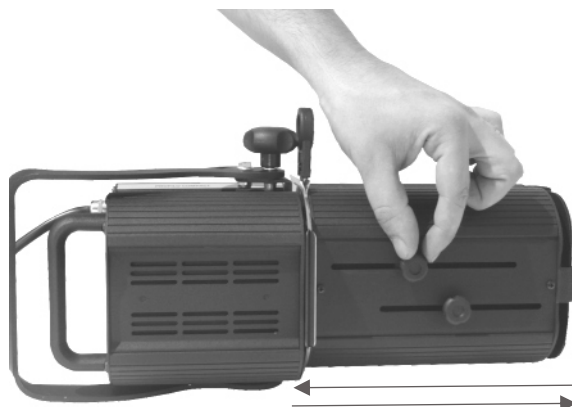
The use of a thermal magnetic circuit breaker is recommended for each Profilo Compact Halogen A good earth connection is essential for the correct operation of the projector.

### 7) PROJECTOR USE

7.1 Focus and zoom adjustment lenses are located on the front side of the unit.

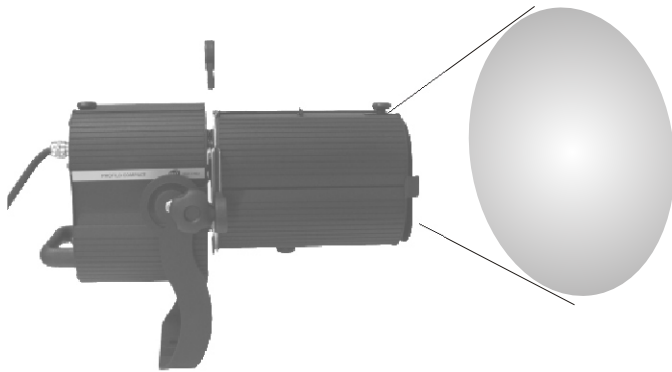
Place the projector on the object to illuminate, loose the fixing lenses knobs, adjust the lenses position till the projection is whell focused on the object.

Tighten the knobs.

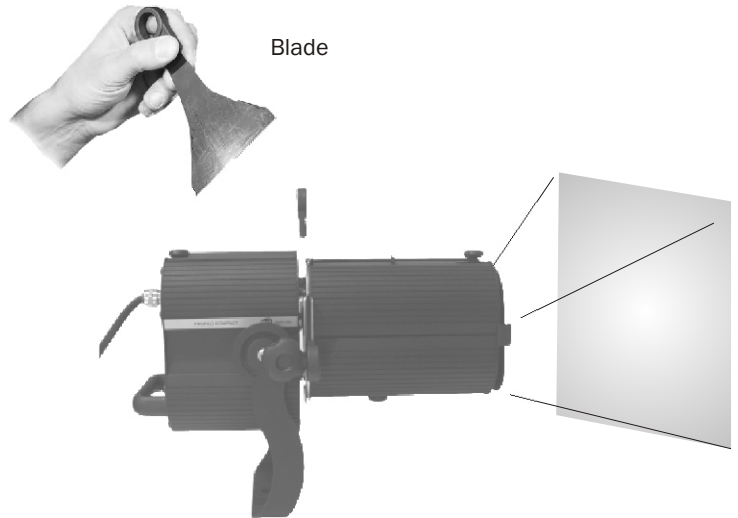


### 7.2 Blades

Profilo compact is provided with four independent steel blades. The blades let you create geometrical figures with the light.



**Light beam with no blades inserted**

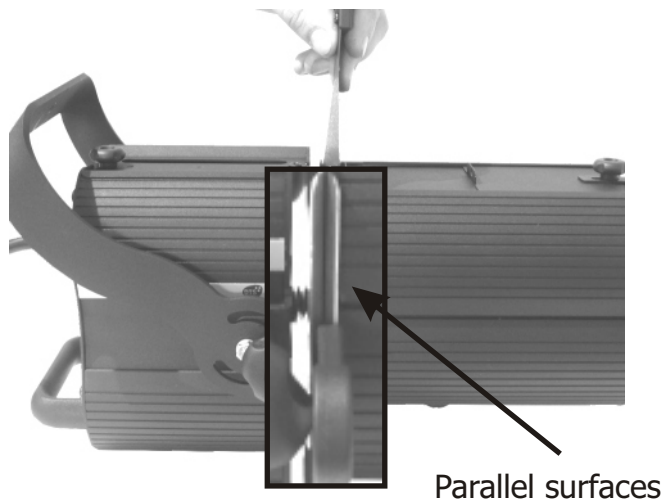
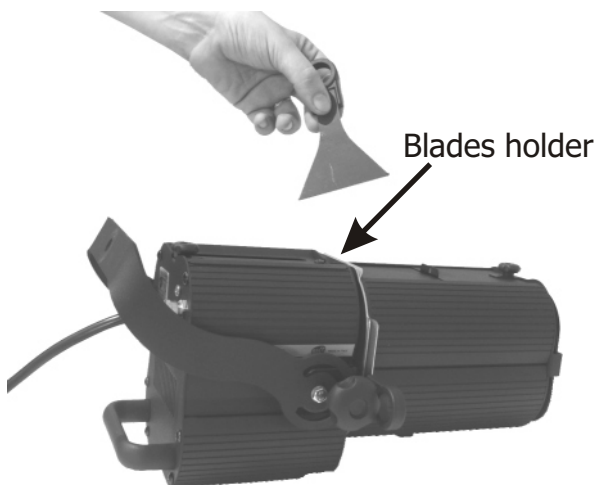


**Light beam with blades inserted**

### 7.3 Blades insertion

To insert the blades on the unit, proceed as follow:

Locate the blades holder, place one side of the blade within the two parallel surfaces, push and tilt it on the guide.





### 8) OPENING THE PROJECTOR HOUSING

It is possible to inspect the inside of the projector by removing the cover as indicated below.

#### Attention

REMOVE MAINS POWER PRIOR TO ACCESS THE PROJECTOR'S INTERNAL COMPONENTS.

#### Back side

- 1): Loose the screw and the knob located on the top back side of the unit (photo 1 and 2).
- 2): Remove the top back side cover (photo 3)



Photo 1



Photo 2



Photo 3



### FRONT SIDE (focus-zoom lenses)

- 1): Loose the knob located on the top front side of the unit (photo 1)
- 2): Now it is possible to move the covers for internal inspection (photo 2)

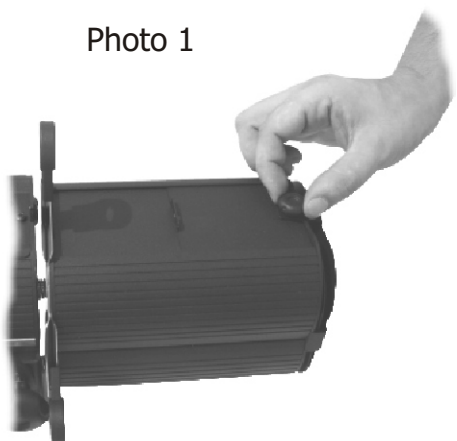


Photo 1

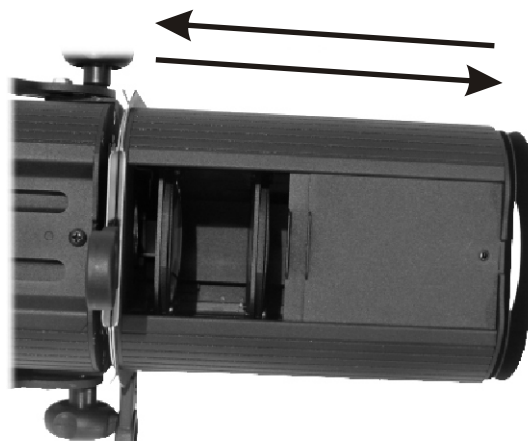


Photo 2

## 9) PERIODIC CLEANING

### Lenses and reflectors

Even a fine layer of dust can reduce the luminous output substantially. Regularly clean all lenses and the reflector using a soft cotton cloth, dampened with a specialist lens cleaning solution.

### 9.1 Periodic controls

#### Lamp

The lamp should be replaced if there is any visible damage or deformation due to heat. This will help to avoid the danger of the lamp explosion.

#### Mechanical parts

Periodically check all mechanical parts, replacing them if necessary.

#### Attention

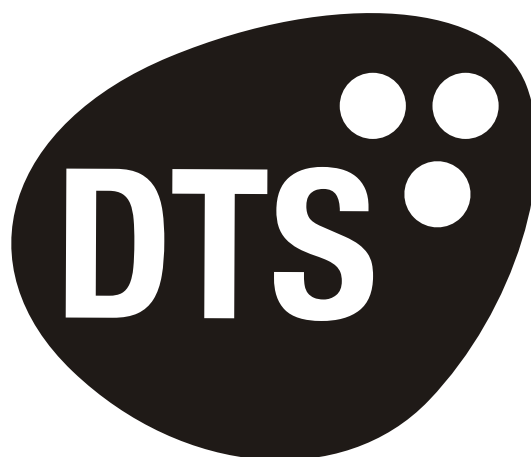
Disconnect mains power prior to removing the projector housing.

**Note:**

The information contained in this publication has been carefully prepared and checked. However, no responsibility will be taken for any errors. All rights are reserved and this document cannot be copied, photocopied or reproduced, in part or completely, without prior written consent from D.T.S.

D.T.S. reserves the right to make any aesthetic, functional or design modifications to any of its products without prior notice. D.T.S. assumes no responsibility for the use or application of the products or circuits described herein.

MADE IN ITALY



**The Lighting Company**