

INTRODUCTION

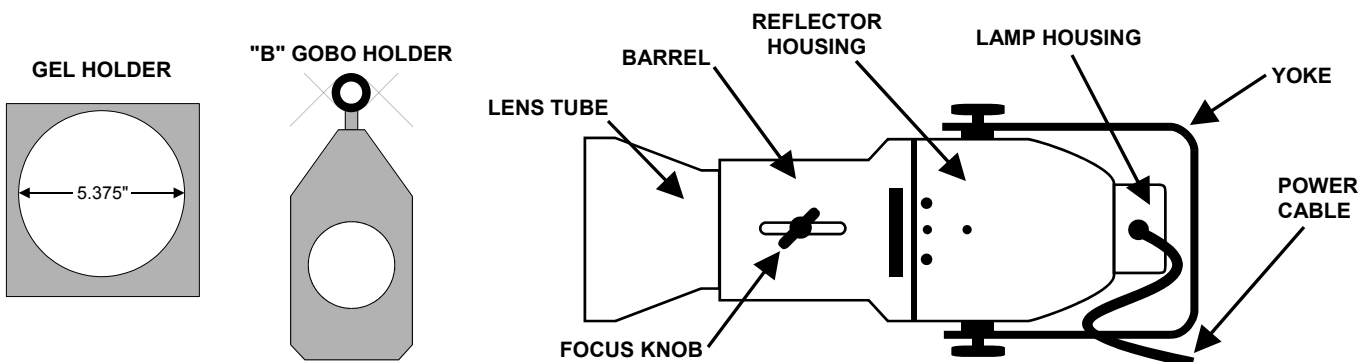
Thank you for purchasing the Profile Spot 575 lighting fixture. This manual contains important information about safe installation and use of this fixture. Please read and follow these instructions carefully and keep this manual for future reference.

The Profile Spot 575 is suitable for stage, disco, night club, and other artistic applications.

The housing is a high quality aluminum alloy with an insulating paint finish.

The Profile Spot 575 includes a gel filter holder. A size "B" gobo holder is also provided.

The product complies with CE norms and standards and is certified to UL 1573 by MET Laboratories.



MODELS

The Profile Spot 575 is provided as one of five beam width models (10°, 19°, 26°, 36°, and 50°).

Each model is available in either black or white color.

Lens tubes are interchangeable between models and are marked with the beam width.

The 10° model has a larger lens tube which is packaged separately from the main housing.

INSTALLATION



CAUTION RISK OF FIRE
The fixture must be located a minimum of 1.5 meters from flammable objects.

The fixture is for **INDOOR USE ONLY**. Use only in dry locations. Keep this device away from moisture, excessive heat, humidity, and dust.

The fixture must be installed in a location with adequate ventilation, at least 1.5 meters from adjacent surfaces. Do not allow vent holes to be blocked.

Use a safety cable when installing this fixture. They are inexpensive and easy to use.

POWER CONNECTIONS



DANGER
RISK OF ELECTRIC SHOCK
The fixture must be correctly grounded and must be installed to comply with all applicable regulations.

The unit is supplied with a power cable and may be provided with a power cable connector. The two wires with WHITE SLEEVING are for the HOT (Power) and the NEUTRAL.

The GREEN / YELLOW conductor in the power cable is connected to the fixture case as a safety ground. This conductor must be used if installing a alternate cable connector.

LAMP REMOVAL / INSTALLATION

The Profile Spot 575 fixture uses a OSRAM GLA/575 or GLE/750 (G9.5 Base) lamp

Before installing a lamp verify that the lamp is compatible with the voltage at your facility. Operating lamps beyond their rated voltage reduces lamp life and can cause other lamp failures.

Disconnect all power from the fixture.

Allow the fixture to cool off before proceeding.

Do not touch the lamp glass envelope with your fingers

1. Unscrew the knurled screw on the lamp housing.
2. Remove the lamp housing from the fixture.
3. If replacing a lamp, remove the old lamp from the socket.
4. Insert a lamp into the lamp socket.
5. Reinstall the lamp housing.

Do not operate the lamp unless the lamp housing is installed in the fixture.

LAMP ADJUSTMENT

The lamp holder is aligned at the factory. Due to differences between lamps, fine adjustment may improve light performance.

Operate the fixture at full intensity. Open the shutters. Focus the light on a flat surface such as a wall.

Center the hot-spot (the brightest part of the beam) using the 3 adjustment screws **A, B, C**. Turn one screw at a time to drag the hot-spot diagonally across the projected image.

If you cannot detect a hot-spot, pull the lamp in by turning all screws **A, B, and C** clockwise ¼ turn, one at a time, until the light is evenly distributed.

If the light is brighter at the edges, or if light output is low, the lamp is too far back in the reflector. Push the lamp out by turning the screws **A, B, and C** ¼ turn counterclockwise, one at a time, until the light is bright and evenly distributed.

FOCUSING

1. Loosen the focus knob on the barrel.
2. Adjust the focus by sliding the lens tube forward or backward.
3. Tighten the focus knob.

OPERATION



CAUTION - HOT SURFACES
Do not touch any part if the fixture during operation. It can operate at temperatures which can cause severe burns.

Do not operate the lamp unless the lamp holder is installed in the fixture.

The lens and gel holder must be installed when the fixture is operating.

Do not project the beam onto nearby flammable surfaces. The minimum distance is 5 meters.

Once correctly installed, the fixture may be operated by applying power via a dimmer or other compatible power.

Switching the lamp on and off at short intervals will reduce the life of both the lamp and the fixture.

CLEANING AND MAINTENANCE



DANGER
RISK OF ELECTRIC SHOCK
Disconnect all power from the fixture Before proceeding.

Allow the fixture to cool off before proceeding.

To ensure the reliability of the fixture it should be regularly cleaned and inspected.

The vent slots should be cleaned monthly. The fixture interior should be cleaned annually using a vacuum cleaner or air jet. The objective lens may require weekly cleaning depending on the operating environment.

Please use a moist, lint free cloth. **NEVER USE ALCOHOL OR SOLVENTS!**

The power cables and connectors should be inspected monthly for damages, and material fatigue.

There are no serviceable parts inside the device except for the lamp. Please refer to the instructions under "Lamp Removal / Installation". Service by other than Lightronics authorized agents may void your warranty.

The best way to prolong the life of your unit is to keep it cool, clean, and dry.

TECHNICAL SPECIFICATIONS

Power Supply: 120VAC, 60 Hz
Lamp: OSRAM GLA/575 or GLE/750 (G9.5 Base) lamp
Power Consumption: 600W/750W
Dimensions (L x W x H): 650 x 180 x 260mm
Weight: 6kg
Maximum Ambient Temp.: 45 deg. C
Maximum Housing Temp.: (steady state): 245 deg. C
UL 1573 compliant. Listed By MET Laboratories.

BEAM SIZE

10 DEGREE

Distance (ft)	80	90	100	110	120
Beam Diam.	12.8	14.4	16	17.6	19.2

19 DEGREE

Distance (ft)	40	50	60	70	80
Beam Diam.	10.8	13.5	16.2	18.9	21.6

26 DEGREE

Distance (ft)	30	40	50	60	70
Beam Diam.	9.9	13.2	16.5	19.8	23.1

36 DEGREE

Distance (ft)	10	20	30	40	50
Beam Diam.	4.5	9.0	13.5	18.0	22.5

50 DEGREE

Distance (ft)	10	20	30	40	50
Beam Diam.	5.7	11.4	13.5	22.8	28.5

The banner features the Lightronics Inc. logo on the left and right, with the word "WARRANTY" in large, bold, white capital letters centered on a dark grey background.

LIGHTRONICS INC. **WARRANTY** LIGHTRONICS INC.

This product is warranted for a period of TWO YEARS from the date of purchase against defects in materials and workmanship.

This warranty is subject to the following restrictions and conditions:

- A) If service is required, you may be asked to provide proof of purchase from an authorized Lightronics dealer.
- B) This warranty is valid only for the original purchaser of the unit.
- C) This warranty does not apply to damage resulting from abuse, misuse, accidents, shipping, and repairs or modifications by anyone other than an authorized Lightronics service representative.
- D) This warranty is void if the serial number is removed, altered or defaced.
- E) This warranty does not cover loss or damage, direct or indirect arising from the use or inability to use this product.
- F) Lightronics reserves the right to make any changes, modifications, or updates as deemed appropriate by Lightronics to products returned for service. Such changes may be made without prior notification to the user and without incurring any responsibility or liability for modifications or changes to equipment previously supplied. Lightronics is not responsible for supplying new equipment in accordance with any earlier specifications.
- G) This warranty is the only warranty either expressed, implied, or statutory, upon which the equipment is purchased. No representatives, dealers or any of their agents are authorized to make any warranties, guarantees, or representations other than expressly stated herein.
- H) This warranty does not cover the cost of shipping products to or from Lightronics for service.
- I) Lightronics Inc. reserves the right to make changes as deemed necessary to this warranty without prior notification.