



Horizon™ Brand

Fluorescent Continuous Lighting

Operator's Manual

Horizon™ Brand Fluorescent Lighting
Models: CF2, CF4, CF8

Thank you for selecting the Photogenic Professional Horizon™ Brand Fluorescent light. The Horizon™ Brand Fluorescent series incorporates the newest electronic technology providing improved lighting. These products are built for the demanding operational needs of the professional photographer and it is our expectation that your Horizon™ Brand Fluorescent light and accessories will provide you with years of dependable service. The Horizon™ Brand Fluorescent lights are self-contained light units. They have plug-in lamps, easily accessed under a diffusion panel.

SAFETY PRECAUTIONS

1. Before installing or removing lamps, be sure this appliance is turned off, cooled and unplugged from AC power source.
2. Do not touch the glass lamps with bare hands. Always use a clean cloth or wear gloves to protect your hand from glass breakage and heat.
3. Do not defeat the purpose to the three-wire line cord by disconnecting the ground. Connect to properly functioning and grounded 3-pin receptacles only. If you are using an extension cord, be sure the cord has an equivalent or greater rating and has a ground.
4. Do not operate this appliance with a frayed or damaged line cord. When replacing or using the unit with an extension cable, be sure the cable has an equivalent or greater rating and is a properly connected 3-wire grounded cable.
5. Do not attempt to use this appliance if it has been dropped or damaged, until a qualified service person has serviced it.
6. Do not operate the unit with a damaged or broken lamp. Do not use lamps with broken, cracked or missing bases. To prevent damage or injury always use Photogenic specified replacement lamps.
7. Perform no internal service work on this unit. Refer all such service to a qualified service person or return to the factory. This will provide you safety and continuation of your warranty.
8. Do not operate when water is present and from extreme temperature shifts. If the unit is stored in hot or below freezing temperatures, allow at least one hour at room temperatures before using.

PREPARATION AND BASICS

Unpacking and Setup:

Unpack all units carefully to remove all parts from the carton(s). Do not discard or destroy the packing material until the equipment has been inspected, assembled, and all parts accounted for.

After unpacking, all parts should be examined for any damage, which may have been caused by rough handling during shipment. If any damage is detected, contact the delivering carrier at once. Claim for damage should be made to the delivering carrier before destroying packing cartons.

To set up the unit, first mount and secure it on a suitable heavy-duty stand. The stand adapter on the "U" bracket allows the unit to be mounted on a stand with a 3/8" to 5/8" post. Be sure to use a stand that is stable and will not tip easily.

The unit is shipped with the lamps not installed. While installing the lamps (with glove or clean cloth to protect the hand) be sure they are properly inserted and tight to avoid arcing and failure of the socket contacts during operation. Do not touch the glass tubes with bare hands. Always use a clean cloth or wear gloves to protect your hand from glass breakage and heat. Remove the thumb screws and diffuser retaining bracket. Remove the diffusion panel and peel off the protective coating. This is for shipping only. Failure to remove protective sheets will block light and the sheets may bond to the diffusion panel from lamp heat. Remove lamps from their cartons and insert fully into sockets. Snap lamps into plastic retainer clips. The lamps could eventually fall out of socket, if not snapped into retaining clips. Replace diffusion panel, retaining bracket and thumb screws.

Power Input:

The power required to operate the Horizon™ Brand Fluorescent light is 115 volts AC, 60 Hz. The power cord has a 125V, 15 Amp. rating. Replacement cords or extension cords rated for less amperage may overheat and should not be used.

Circuit Protection:

Fuse type circuit protection automatically protects this appliance from excessive damage due to circuit or component failure. [Always replace fuse with same rating of fuse.] To replace a blown fuse (power cord must be disconnected), simply unscrew the fuse holder cap (rear of unit) and replace the exposed fuse with a new fuse. If fuses continue to blow, contact your dealer or qualified service person.

Functional Operation

Power Switch:

The power switch (located on rear panel) controls the AC power to the entire lighting unit.

Lamp Power:

With power switch OFF, attach the line cord to the power-input connector, located on the rear of the Horizon™ light, and connect it to a grounded wall outlet. Turn the power switch ON. Allow several minutes until the fluorescent tubes have completely warmed up to the proper color temperature. Pictures may be taken during the warm-up period, but the user must accept that the color temperature will be incorrect.

SPECIFICATIONS

Horizon™ Brand Fluorescent CF2, CF4 and CF8

General:

Lamp Power CF2.....	110 watts (600 incandescent).
Lamp Power CF4.....	220 watts (1200 incandescent).
Lamp Power CF8.....	440 watts (2400 incandescent).
Power Control.....	ON/OFF and subject distance.
Color Temperature.....	5600°K lamps (standard).
Expandable.....	Allow vertical or horizontal use. May be attached to other units to extend coverage.
Main Supply CF2.....	110-125 VAC, 60 Hz, 2 amps.
Main Supply CF4.....	110-125 VAC, 60 Hz, 4 amps.
Main Supply CF8.....	110-125 VAC, 60 Hz, 8 amps.
Bulb Life.....	Up to 10,000 hours, 5 times longer than incandescent – over 3 years at 8 hours per day.
Packaging.....	Formed Aluminum case. Stand or wall mountable.
Weight CF2.....	7.5 pounds.
Weight CF4.....	11.5 pounds.
Weight CF8.....	15.5 pounds.
Dimensions CF2 (housing only).....	9”H x 23.25”W x 5.5”D
Dimensions CF4 (housing only).....	17”H x 23.25”W x 5.5”D
Dimensions CF8 (housing only).....	33”H x 23.25”W x 5.5”D
Fluorescent Lamps and Fuses:	
Fluorescent Lamp.....	Plug-in style, use only Photogenic F56 (Other lamps may damage ballast or socket bases, and give incorrect color temperature.)
Protection Fuse CF2, CF4.....	125 volt, 3AG type, 8 Amp, SLO-BLO.
Protection Fuse CF8.....	125 volt, 3AG type, 12 Amp, SLO-BLO.

Limited Horizon Light™ Warranty

Photogenic warrants the “standard line” products are free from defects in material and workmanship of the Horizon Lights (excluding lamps) for a period of three years, from date of manufacture. At our choice, we will repair or replace any Horizon light that is deemed to be defective. This warranty does not cover damages caused by shipping, product abuse or use other than the intended photographic applications.

Any product modifications will render this warranty void. Use of other manufacture’s accessories, which restrict normal or intended operation (especially venting airflow), may cause damage and will void this warranty.

SERVICE

The photographer should not attempt to make internal repairs.

Users may replace fluorescent lamps. See PREPARATION AND BASICS at the beginning of this manual.

Consult a dealer for an authorized Photogenic Professional Lighting service agent. This will provide safety, insure proper operational functions and provide continuation of your warranty.

The technicians find it helpful to have the complete unit to better troubleshoot and evaluate any problems. This includes the light unit, the power cord and the fluorescent lamps (which must be packed separately to prevent breakage.)



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