

impact™



FRC-22/24 Ready Cool  
Fluorescent Light  
INSTRUCTIONS

## Precautions

- Handle fluorescent bulbs with care. See Note below.
- Dispose of fluorescent bulbs properly.
- Please read and follow these instructions, and keep this manual in a safe place.
- Keep this unit away from water and all flammable gases or liquids.
- Make sure the unit is powered off when plugging it into a power source.
- Use only the correct, recommended voltage.
- Do not attempt to disassemble or repair the equipment—doing so will void the warranty, and Impact will not be responsible for any damage.
- Handle the unit with care.
- Do not stare at the lights when they are powered on.
- Clean the unit with a soft, dry cloth.
- Keep this unit away from children.
- Use only parts provided by the manufacturer.
- Make sure the item is intact and that there are no missing parts.
- All photos are for illustrative purposes only.

**Note:** Fluorescent bulbs contain mercury. If a fluorescent bulb breaks, do not touch mercury with hands—exposure to mercury can lead to adverse health effects.

# Introduction

Thank you for choosing the Impact Ready Cool FRC-22 110w or FRC-24 220w Ready Cool Fluorescent Light. This lightweight daylight-balanced fluorescent lighting fixture is an inexpensive way to produce soft, professional lighting in the studio or on location.

Fluorescent bulbs deliver diffused, flattering light. Fluorescents are also cool to the touch, so they're ideal for photographing anything that's affected by heat, like food or people. The FRC-22/24 air-induction cooling system keeps everything really cool.

Your Ready Cool light has a flexible stand adapter that makes it possible to mount the fixture to most light stands and easily position the light. The built-in barn doors provide control over your lighting. The easy-access built-in fuse protects the unit from overloaded electrical circuits—it's always a good idea to keep spare fuses on hand.

The included daylight-balanced bulbs will produce light with a color temperature similar to daylight. The hammered silver reflective surface on the barn doors maximizes light output. The FRC-24 fixture has two switches to select full or half power—you can choose between 220w or 110w for greater lighting versatility.

# Introduction

## Features

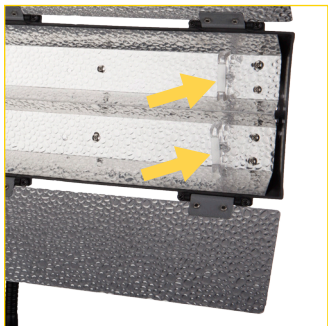
- Cool-running daylight-balanced fluorescent lights
- Flicker-free lighting
- Lightweight fixture
- Built-in barn doors with hammered silver reflective surface
- Air-induction cooling
- FRC-24 has 2-bulb/4-bulb switching
- Built-in fuse circuit protection
- Padded carrying case

## Contents Include

- Impact FRC-22 or FRC-24 Ready Cool Fluorescent Light Fixture
- Two (FRC-22) or four (FRC-24) 55w 4-pin twin-tube daylight fluorescent bulbs
- AC power cord
- Flexible light stand adapter
- 5 × 20mm Spare Fuse
- Soft padded carrying case
- User manual

Specifications	FRC-22	FRC-24
Input Voltage	120VAC	
Amperage	1.1 amps	
Bulb Switching	On/Off only	4 bulbs/2 bulbs
Bulb Type	Standard 4-pin twin-tube daylight fluorescent	
Dimensions	22.25 × 7 × 3.25 in. (56.51 × 17.78 × 8.25 cm)	22.25 × 10.87 × 3.5 in. (56.51 × 27.61 × 8.89 cm)
Weight (including bulbs)	3.75 lb. (1.7 kg)	4.75 lb. (2.15 kg)

# Mounting bulbs in fixture



1. Disconnect fixture from power source
2. Remove plastic retaining clip
3. Position bulb with printed side of base end facing up
4. Make sure pins on bulb align with holes in base

## Mounting bulbs in fixture



5. Carefully slide bulb into base until the clip locks the bulb into place
6. Be sure bulb is securely locked into base
7. Replace plastic retaining clip
8. Repeat procedure for each bulb
9. Before you turn the Ready Cool fixture on for the first time, be sure that the fuse holder on the back of the unit is turned clockwise until tight. If it's loose, the lights will not turn on.

## Removing bulbs from fixture



1. Disconnect fixture from power source
2. Remove plastic retaining clip



3. Push metal clip on base to release bulb
4. Carefully pull bulb out of base
5. Replace plastic retaining clip.

## Limited One Year Warranty

Impact provides a limited warranty that this product is free from defects in materials and workmanship to the original purchaser under normal use for a period of one (1) year from the original purchase date or thirty (30) days after replacement whichever occurs later. Our responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at its option, of any product which fails during normal consumer use.

To obtain warranty coverage during the Warranty Period, contact your place of purchase ("Seller") to obtain a return merchandise authorization ("RMA") number, and return to Seller the defective product along with proof of purchase and the RMA number.

This warranty does not extend to damage or failure which results from misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, IMPACT MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights which vary from state to state.

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To see all of our lighting equipment,  
please visit our website.

The logo for Impact features the word "impact" in a white, lowercase, serif font. A yellow, teardrop-shaped graphic element is positioned behind the letters "p" and "a", extending from the top right towards the center. A small trademark symbol (TM) is located to the right of the word.

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