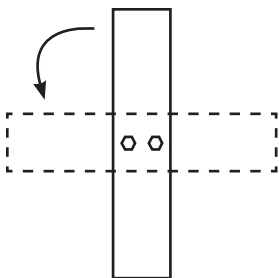
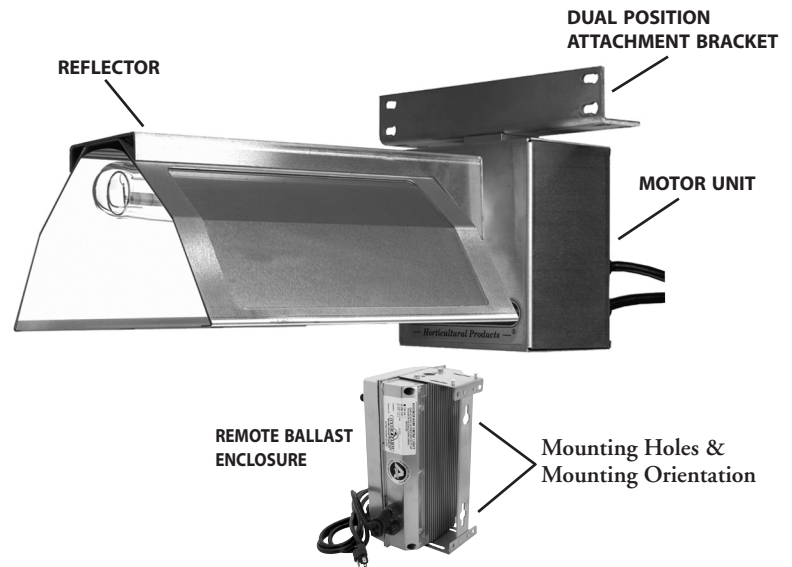


BEAMFLICKER INSTRUCTIONS

RECOMMENDED MOUNTING HEIGHT:

The Beamflicker performs the best when mounted at 12 feet above the crop or higher. This allows broader area coverage. As the mounting height decreases, area coverage declines. Use the mounting holes in the top bracket to secure bolt in place. After mounting be sure to observe several full rotations to be sure that reflector swings freely and correctly.



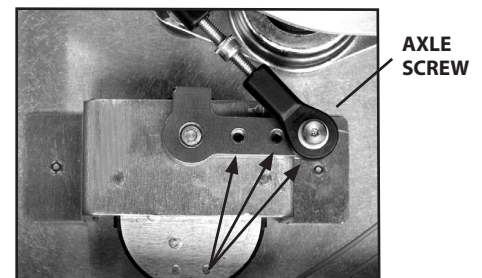
DUAL POSITION ATTACHMENT BRACKET:

The Beamflicker attachment bracket can be positioned either in line with the spine of the reflector or perpendicular to it — whichever position works best for your growing situation.

To change the position of the attachment bracket, loosen the two top nuts using a 7/16" wrench. Rotate mounting bracket counter clockwise to the desired position. Once in position re-tighten top nuts.

REFLECTOR RANGE ADJUSTMENT: If you would like to limit the swing to less than 90° each way, unplug, then remove the rear motor cover. Using a 3/32" Allen wrench, remove axle screw and move to the desired range adjustment hole, then tighten securely. Test swing to be sure desired range is achieved.

EQUAL SWING ADJUSTMENT: Your Beamflicker unit has been adjusted at the factory to swing equally (90°) to both sides.



Reflector Range Adjustment Holes
30° – 60° – 90°

a division of Hydrofarm
PARsource
lighting solutions

www.parsource.com

WARRANTY: The Beamflicker™ is guaranteed to the original owner for one year from the date of purchase. Misuse, abuse, or failure to follow instructions are not covered. Our warranty is limited to the replacement or repair of components and does not cover any other costs including installation labor or return freight costs. If you have a problem, check your system to isolate the problem. If this doesn't remedy the situation, call the place of purchase to get a return authorization for the faulty part. Send only that part. Unauthorized returns will not be accepted. Save your receipt/invoice — a copy is required for all warranty work.



the
Beamflicker™

For Greenhouse Photoperiod Control

Brought to you by **PARSOURCE**
a division of Hydrofarm
lighting solutions

How is the Beamflicker™ different?



A single, centrally-mounted light source

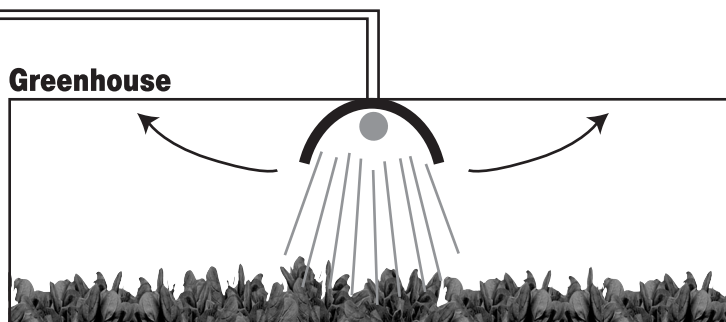
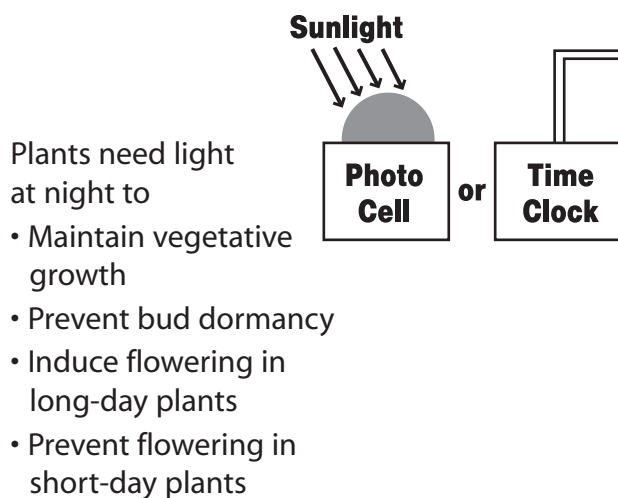


Installs in minutes



Less expensive and more energy efficient than traditional alternatives

A single, centrally-located, stationary fixture provides enough photoperiod control light for an entire greenhouse.



An oscillating parabolic reflector with a high-intensity sodium lamp flicks beams of light from one end of the greenhouse to the other, providing intermittent light across the entire area.

ADVANTAGES of the Beamflicker

- **Cost effective:** A single, centrally-mounted 400 watt fixture can provide enough light for up to a 30 by 90 foot greenhouse.
- **Efficient:** Uses a high-pressure sodium lamp—the most efficient light source for this purpose.
- **Reliable:** Only the reflector moves, fixture housing is stationary.
- **Easy to install:** Uses only 470 watts (120 volts), and plugs right in so heavy-duty wiring is not necessary.

DISADVANTAGES of Other Lighting

Fixed two dimensional array of lamps

- Expensive
- Requires numerous fixtures
- Power must be supplied by a large capacity electrical entrance
- Must usually be installed by a licensed electrician
- Frequent bulb replacement

Lamps mounted on the watering boom

- If a watering boom is not already in place, installation is expensive and often impractical
- Mechanical failures may go unnoticed while the boom moves back and forth at night
- Power cords are subject to kinking, abrasion, and wear— a danger in wet environments