

A large indoor greenhouse with rows of green plants and overhead lighting. The structure is made of metal and glass, with a complex network of beams and pipes. The plants are arranged in neat rows, and the lighting is bright and even. The overall atmosphere is clean and professional.

DEva Series

Silent Square Wave DE by Revolution

YOU'RE
PAYING
FOR
LIGHT

Don't waste it lighting the walls and ceiling.

Our Double Elliptical Reflector puts more light on the canopy.



No hot spots. Higher yields.
Less wasted light. Even canopy.

R(evolution)²

Keep Your Plants Growing

- ✓ Highest Reliability
- ✓ Field Repairable
- ✓ 36 Year Part Life
- ✓ Lowest Returns
- ✓ Longest Rated Life

Less than 1% of customers ever
experience a single problem.





DEva Reflector

More Light On Canopy

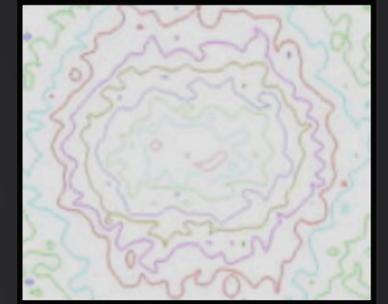
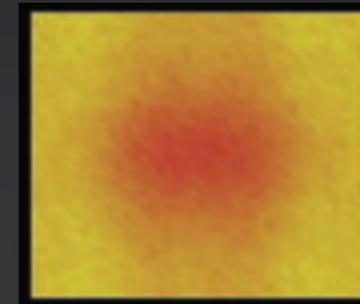


No Hot Spot

Better ROI
No Plant Stress
Even Canopy
Grows More Weight

Gavita Reflector

Light Wasted on Walls



Typical Hot Spot

Poor ROI
High Plant Stress
Uneven Canopy
Grows Less Weight

The Benefits of Silent Square Wave

The DEva has the highest electrical efficiency of any HPS.



Energy Efficient

World Record Breaking

Produces less heat, wastes less energy.

The DEva is 2% more energy efficient than the Gavita, a number which adds up quickly in large cultivation rooms.

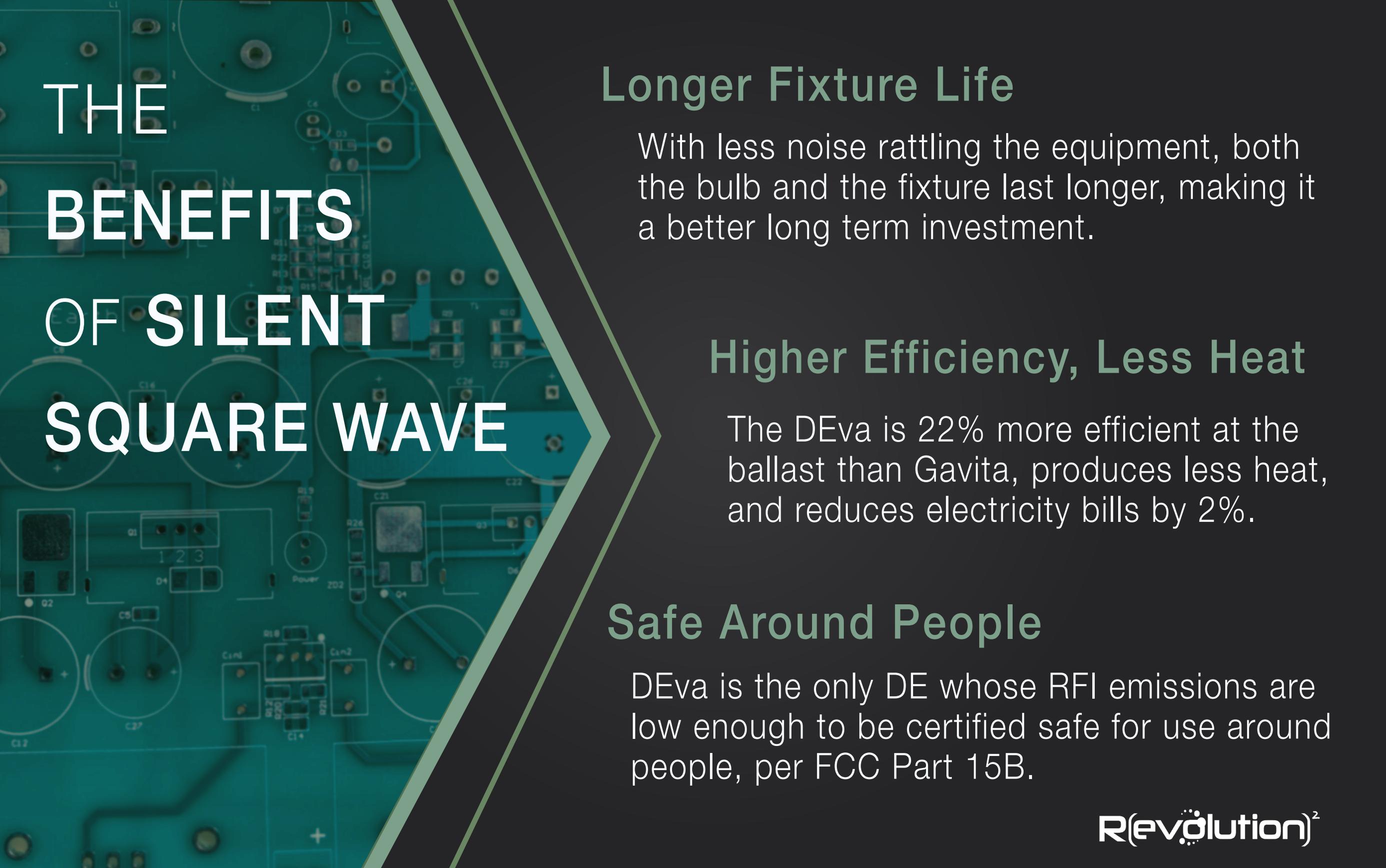


Built to Last

Longest Rated Life

32 year part life instead of the standard 5 years.

Silent Square Wave preserves the life of both the equipment and the bulb to protect your investment.



THE BENEFITS OF SILENT SQUARE WAVE

Longer Fixture Life

With less noise rattling the equipment, both the bulb and the fixture last longer, making it a better long term investment.

Higher Efficiency, Less Heat

The DEva is 22% more efficient at the ballast than Gavita, produces less heat, and reduces electricity bills by 2%.

Safe Around People

DEva is the only DE whose RFI emissions are low enough to be certified safe for use around people, per FCC Part 15B.

Customizable Lamp Options

High Pressure Sodium

Ceramic Metal Halide

Metal Halide

120 - 277v

or 347v

R(evolution)²



WE VALUE

TRANSPARENCY

Let's Work Together.

With everyone claiming to have the best and most efficient lighting, we've made it easy to compare performance based on certified national lab testing, not brochure claims. Our entire and unedited CSA and FCC reports are on our website.



R(evolution)²



Specifications

PPF	2000 μ Mole/s DE, or 1800 μ Mole/s Dual 500w
Max Wattage	1150 W
Input Current	2.75A @ 240 volts
Input Voltage	120 - 277v or 347v AC, 50/60 Hz
Input Power Plug	NEMA 6-15P (240v) or NEMA 5 or NEMA L7P
Power Factor	> 99.4%
Light Source	1000W 400v DE Lamp (HPS or CMH) or two 500w PGZ Base Lamps
Lifetime	> 150,000 hours
Ingress Rating	IP54
RMH (Recommended Mounted Height Above Canopy)	> 24"
Footprint @RMH	4' x 5'
Dimming / Spectrum Control	HPS is External Controller, CMH is not dimmable
Dimensions	26 x 12 x 5 inches

