

# PURE-BEAM™ ADVANTAGES

## FEATURES

## BENEFITS

*Pure-Beam™ ultraviolet light includes light, ballast, transformer, and bracket.*

*Quick, no-hassle installation saves money on labor. Complete installation kit means you have all parts needed for installation.*

*Pure-Beam™ can be wired directly to a 24V system; transformer is included if required.*

*Pure-Beam™ meets any voltage requirement the customer presents. You need less inventory; you always have the right part.*

*The small physical size makes for a wide variety of installation options.*

*Size promotes easy installation which saves time and expense.*

*Maintains indoor air quality.*

*Pure-Beam™ is a quick and effective solution to your customer's IAQ needs.*

## Pure-Beam™ Ultraviolet Light

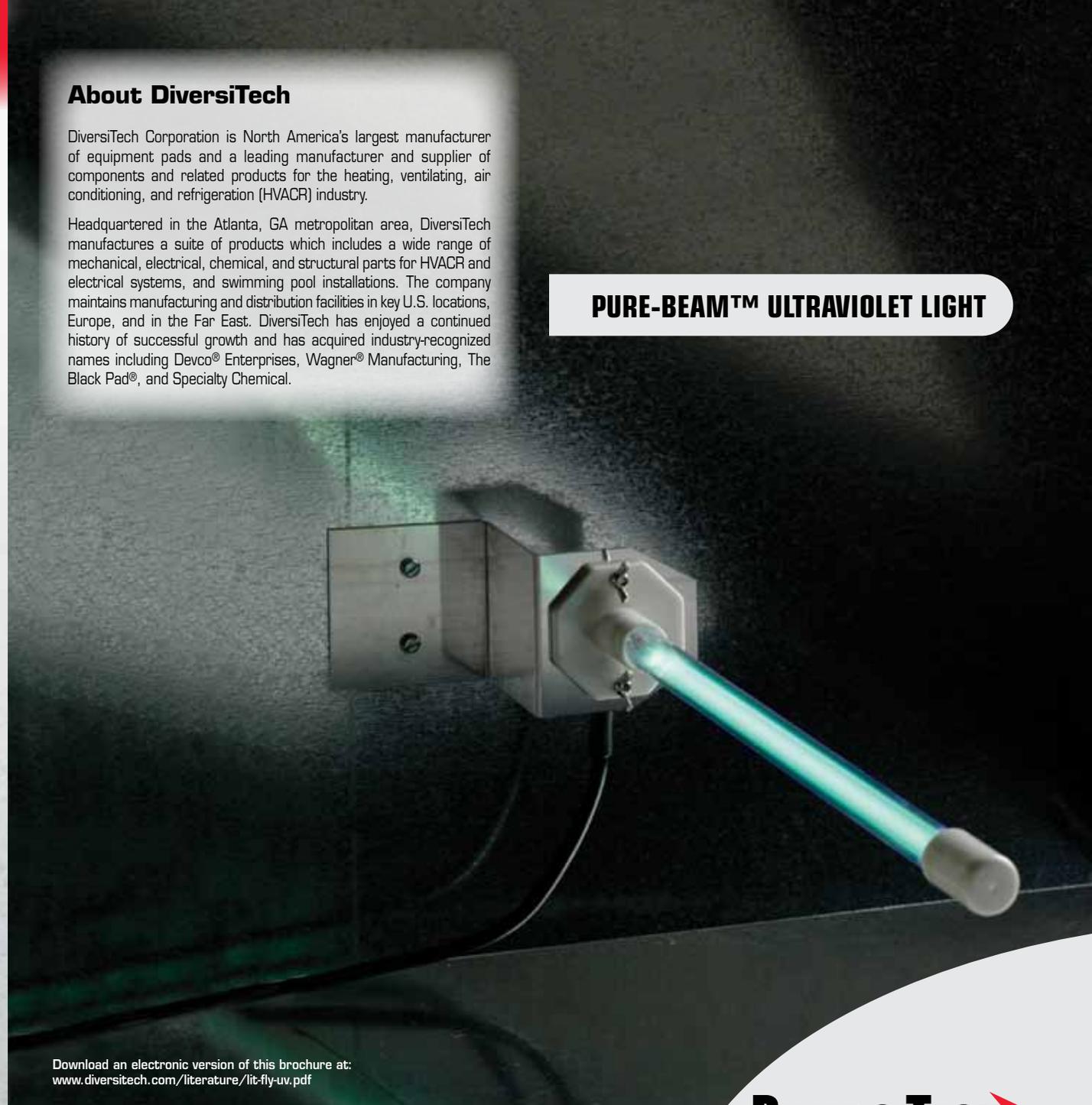
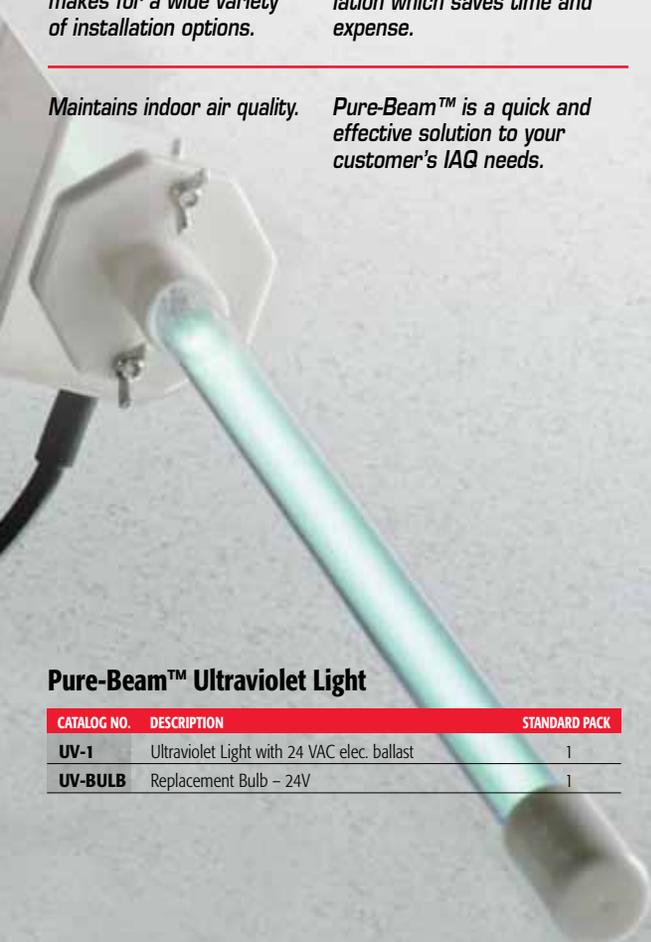
CATALOG NO.	DESCRIPTION	STANDARD PACK
UV-1	Ultraviolet Light with 24 VAC elec. ballast	1
UV-BULB	Replacement Bulb – 24V	1

## About DiversiTech

DiversiTech Corporation is North America's largest manufacturer of equipment pads and a leading manufacturer and supplier of components and related products for the heating, ventilating, air conditioning, and refrigeration (HVACR) industry.

Headquartered in the Atlanta, GA metropolitan area, DiversiTech manufactures a suite of products which includes a wide range of mechanical, electrical, chemical, and structural parts for HVACR and electrical systems, and swimming pool installations. The company maintains manufacturing and distribution facilities in key U.S. locations, Europe, and in the Far East. DiversiTech has enjoyed a continued history of successful growth and has acquired industry-recognized names including Devco® Enterprises, Wagner® Manufacturing, The Black Pad®, and Specialty Chemical.

## PURE-BEAM™ ULTRAVIOLET LIGHT



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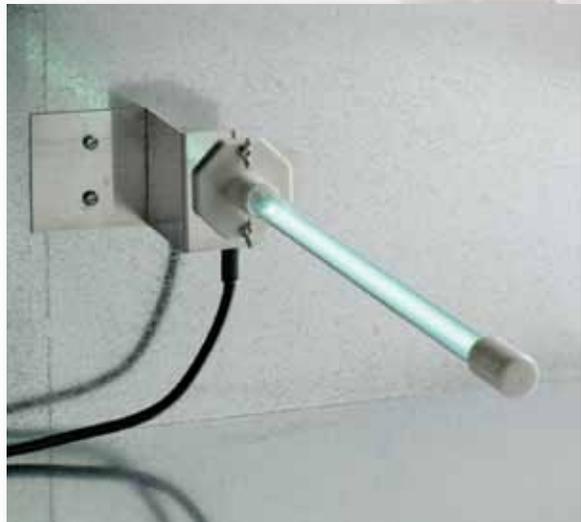
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LIT-FLY-UV, 10/08



**The Pure-Beam™ ultraviolet light is designed for HVAC air disinfection and surface irradiation. Exposure to Pure-Beam™ significantly reduces air contamination caused by fungus, mold, and viruses and can cleanse surfaces overcome by mold and slime.**

- The Pure-Beam™ ultraviolet light is an excellent way to maintain indoor air quality.
- This UV Light includes a ballast, transformer, and bracket for even more convenience.
- Overall dimensions are small which makes installation easy.
- The included transformer allows operation using 120, 208, and 240/220 VAC power.
- UV lights are unobtrusive and transparent in operation, requiring little maintenance.



**Q: What are the dimensions of the bulb?**

**A:** 14" L x 2" W x 2" H

**Q: What type of UV Light is used?**

**A:** UV-C.

**Q: What data is available to see how effective this product is?**

**A:** Scientific tests show that UV light exposure can significantly reduce air contamination caused by mold, fungus, viruses, and can cleanse surfaces of mold and slime. Ultraviolet light technology has been endorsed or specified by numerous government agencies as well as various industry groups such as:

- GSA
- NIOSH
- ASHRAE
- EPA
- CDC

**Q: What is the kill zone?**

**A:** The kill zone is the area surrounding the UV lamp in which contaminants are destroyed. Shining UV light on a surface even 6 feet away for a length of time can easily disinfect it. However, in air disinfection, the kill zone is typically 2 – 2.5 feet on all sides of the UV lamp due to the fast-moving air current.

**Q: How far from plastic surfaces does the light have to be placed in order to avoid any degradation?**

**A:** Choose a mounting location that prevents ultraviolet light exposure to plastic materials and wiring that has unknown resistance to ultraviolet light.

**Q: If placed near a filter, will any degradation of the filter occur?**

**A:** If installed near an air filter, check with the filter manufacturer for UV properties and safety.

**Q: How long does a bulb last?**

**A:** The lamp is guaranteed to last at least 9000 hours or one year.

**Q: What is the warranty period?**

**A:** The ballast has a 5 year warranty period.

**Q: What voltage does this UV light operate on?**

**A:** The lamp is powered by a 24 VAC ballast. It can be connected directly to the HVAC system's 24 VAC if there is at least 50 VA available. The transformer included also allows the system to operate at 110/120V or 208V/230V.

