

## DESCRIPTION, BENEFITS AND USES OF FRESHLIGHT® FULL-SPECTRUM DAYLIGHT and AIR IONIZATION PRODUCTS

### ***What is the “Full-Spectrum Daylight” produced by FRESHLIGHT® products?***

– FRESHLIGHT® Full-Spectrum Daylight (**FSD**) Lighting products virtually duplicate natural sunlight (over 98.2% of natural sunlight), including important UV-A and UV-B (**while not producing harmful UV-C**)

### ***What are the benefits provided (to humans and animals) by our FSD products?***

- Improved overall health due to the beneficial effects of **UV-A** and **UV-B**, which enable the natural production of **Vitamin D3**, thereby improving the Immune Systems and bones of humans and animals
- Lessened stress (**cortisol**) levels, due to the **FSD** products' flicker-free, naturally-balanced light, as contrasted to the unnatural, flickering light emitted by fluorescent lamps, and the unbalanced frequencies of light produced by incandescent lamps
- Clearer, crisper vision, with accurate color rendition
- Less eye fatigue, lethargy and depression caused by poor or incorrect lighting
- Improved human morale, cognitive function and productivity
- Seeing a broader light spectrum than humans, animals experience the virtual sunlight produced by FRESHLIGHT **FSD products** as if it were actual natural sunlight. This provides them with improved digestion, food conversion and better overall health.
- Animals exhibit more calm, natural behavior and lower “fear/flight” response under **FSD** light.

### ***What is indoor Negative Air Ionization, and what are its benefits?***

In nature, air is purified by naturally-created negative ions that form near waterfalls, crashing waves at the seashores, and after rainfall. Effective **ionization of air** in enclosed spaces produces the following benefits, which are **verifiable and documented by scientific testing**:

- Dramatic reduction of airborne fine dust and troublesome particulates, such as smoke, pollen and allergens, thereby **providing relief from ailments such as asthma, hay fever, bronchitis and COPD**
- Dramatic reduction of Ammonia, VOC's and unpleasant odors
- Killing of bacteria, mold, viruses and other pathogens, such as MRSA virus, E-Coli, Salmonella and Botulism toxins (up to 100% reduction, depending upon the application)
- Reduction of food and fruit spoilage, thereby lengthening the shelf-life of stored food and fruit
- Negative ions enhance mental concentration, reaction time, mood and skin health.

### ***How do FRESHLIGHT® products ionize and purify the air?***

- Our patented, **energy-efficient semiconductor technology** produces and disperses literally millions of negative ions per second into the surrounding air.
- These negative ions attach to airborne particles/fine dust, **causing them to precipitate out of the air**.
- The negative ions attack both airborne and surface-borne bacterium, mold, viruses and pathogens on the molecular level, altering their chemistry and **rendering them effectively harmless**.

### ***COMMON APPLICATIONS for FRESHLIGHT® FSD and AIR IONIZATION PRODUCTS:***

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| – Medical & Assisted Living Facilities                   | – Greenhouses and other horticultural buildings |
| – Stables, barns and other animal confinement facilities | – Veterinary clinics and facilities             |
| – Residences of all sizes                                | – Food processing and packaging plants          |
| – Manufacturing and Commercial Facilities                | – Garages and Vehicle Storage areas             |
| – Food and Fruit Storage Facilities                      | – Chemical processing facilities                |
| – Educational and Entertainment venues                   | – Retail, Sporting and Exercise Facilities      |

**FRESHLIGHT® Products and their Technology are covered by International Patents, and are in use in many countries around the world. For more information, please visit the following:**

**Corporate WEBSITES: [www.freshlightagri.com](http://www.freshlightagri.com) and [www.freshlight.nl](http://www.freshlight.nl)  
or visit FRESHLIGHT LLC's YouTube Channel**