

## Technical Specification

**Product name: Blue LPP**

**Product number: HYP-013**

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### Long Persistent Phosphors (LPPs)

Long persistent phosphors can light up for a long time in the darkness after irradiation with sunlight or artificial light. The rare earth long persistent phosphors have a much higher light intensity and longer duration over other phosphors, such as zinc sulphide (ZnS). Currently these phosphors are widely used as pigments added into paints, rubbers and plastics for applications such as billboards, traffic signs, decorations and toys.

Product name: **Blue Long Persistent Phosphor**

Product number: **HYP-013**

Chemical formula: **(Sr, Ca)S:Bi**

Properties:

Emission wavelength: **455 nm (Blue)**

Decay time: **30 minutes**

Body color: **White**

Odor: **Odorless**

#### **Supplier:**

Boston Applied Technologies, Inc.

6F Gill Street

Woburn, MA 01801

Website: [www.bostonati.com](http://www.bostonati.com)

Tel: (781) 935-2800

Email: [sales@bostonati.com](mailto:sales@bostonati.com)