

Preferred Resource | Living Pilot

Polybrite International | Borealis Street Light Proposal

Addressing local capacity requirements

We respectfully submit our proposal to consider PolyBrite Internationals' Borealis LED streetlights as a preferred resource to help fill the gap and, be tested as part of the Living Pilot. With the impending closure of the San Onofre Nuclear Generating Station (SONG), the shift to energy efficient streetlights could be scaled to fit the affected area or expanded as the CPUC thinks appropriate.

LED lights provide an instant savings in energy without sacrificing light levels or safety. In addition there are savings to the local municipality in the labor and overhead as well, resulting in funds becoming available for other initiatives as directed by local cities. Highlights of what is possible include:

- **50% or greater energy savings:** no new generation facilities required
- **Partnering with Lance Capital:** “zero down” program
- **Flexibility:** LED's allow for dimming resulting in additional energy savings
- **Potential:** Solid State systems allow for future enhancements such as wireless, Wi-Fi, police office control, integration with cameras, etc.

Borealis LED street lighting is an energy and maintenance savings replacement solution for conventional HPS or HID street lamps. They provide a sharp, accurate color rendering of objects, which creates better visibility, enhancing safety outdoors.

- **Warranty:** 10 years, 50,000 hours
- **Optical distributions:** More than 19 different solutions.
- **Power saving:** At 50% energy saving.
- **Tool-less entry:** No tool access to the driver compartment.
- **Surge suppression:** Rated up to 15K.
- **Modular design:** Modules can be replaced individually.
- **Quick connectors:** No extra tools needed
- **Lab tested:** IES and DOE standards.
- **Exclusive, self-cleaning** titanium dioxide coating.

BOREALISSM
INNOVATIVE LED LIGHTING

by PolyBrite International, Inc.

PolyBrite International | Borealis LED Lighting Wireless Management System

Standard Features

- Non-Start Detection
- RF Radio Communications 433MHz / 868MHz/ 915MHz
- Light Power Monitoring (consumptions statistics)
- Error Reporting (Monitors malfunctions)
- Tracks Burn-In Hours (Preset after install)
- Dimming (Scheduled or pre programmed)
- RF USB Interface

Available Options

Motion /Infrared Sensor Adapter (Detection)

Strobe and chaser feature for emergency

Wi-Fi capabilities



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