

Creating solutions for vibrant and  
dynamic environments

# Case Study

## PORT HUENEME

**LOCATION\_** Ventura County, California

**TECHNOLOGY\_** Ursa Helios 240W, Helios 480W





\*photos from Port Hueneme

LED technology to **reduce** energy usage and **improve** lighting.

## THE CUSTOMER

Port Hueneme is an industrial port in Southern California that trades on an international scale with partners all over the world. Port Hueneme is a vital contributor to the economic health of Southern California, moving roughly \$9 billion in cargo annually.

The team at Port Hueneme pride themselves on energy conservation and technological innovation. As such, they reached out to URSA for a high mast solution to replace their older high pressure sodium (HPS) fixtures with LED technology, to both reduce energy usage and improve lighting.

## CHALLENGES

Most ports are active 24/7, meaning that work must continue throughout the night. Old HPS fixtures struggle to provide sufficient lighting, and replacing bulbs creates costly downtime.

Port Hueneme was set on switching to LEDs, but was faced with two major problems. First, the Port uses 80 foot poles, which makes it challenging to achieve adequate lighting while saving power. Second, high wind factors and industrial machinery cause regular vibration, leading to mass chip failure for conventional wire-bond LED technology.





## INSTALL DATA

Model Name	HPS	Helios 480W, 240W
Number of Fixtures	32	32
Power (per pole)	8,800W	2,880W
CRI	60	80



## THE URSA SOLUTION

URSA engineered a lighting design focused on conserving pole wattage while improving visibility and quality of light, by providing a mixed solution of the Helios 480W and Helios 240W. With the patented 3-Pad LED technology utilized by URSA fixtures, Port Hueneme was able to increase lighting while reducing the total pole wattage by 60%.

Because of the conditions in a port environment, URSA ensured all fixtures were well ruggedized for wind resistance, corrosion resistance, and bird deterrence. The result was significantly improved lighting that helps Port Hueneme ensure visibility, security, and most importantly, safety.

## CONTACT US

**USA Headquarters\_**  
48668 Milmont Drive  
Fremont, CA 94538 USA  
Tel: +1 (800) 766-6097

**Canada Office\_**  
71 Buttermilk Ave  
Vaughan, ON. L4K 3X2, Canada  
Tel: +1 (877) 228-3250