



PACKER AVENUE MARINE TERMINAL

Philadelphia, Pennsylvania



LIGHTING CASE STUDY

Replacement of twenty four 120 foot poles, 288 light fixtures and lowering devices

CHALLENGE

Greenwich Marine Terminals wanted to utilize light platforms at their facility to install a variety of IOT electronic equipment. Their existing lighting system included 120 foot poles with 1,000 watt High Pressure Sodium light fixtures and lowering devices that were over 30 years old.

SOLUTION

FSG and Holophane designed a replacement lighting system that included 24 new poles, lowering devices and 288 new LED light fixtures. The new lighting platforms are designed to support the new equipment needs, and a special cabling system provides both power and communication to the top of the poles. An Acuity ROAM wireless lighting management system will allow total control of each individual fixture.

RESULT

Overall lighting load will be reduced over 50%, and advanced lighting controls will provide even more energy savings. Lighting maintenance costs have been slashed, with the new system having 5 times longer life than the old HID system. The new lighting system provides drastically improved color, higher light levels and better uniformity.

Owner

Greenwich Marine Terminals LLC

Contract Type

Lighting

Contract Amount

1,500,000

General Contractor

Facility Solutions Group

Electrical Contractor

Hatzel Buhler

Number of Fixtures Replaced

288

