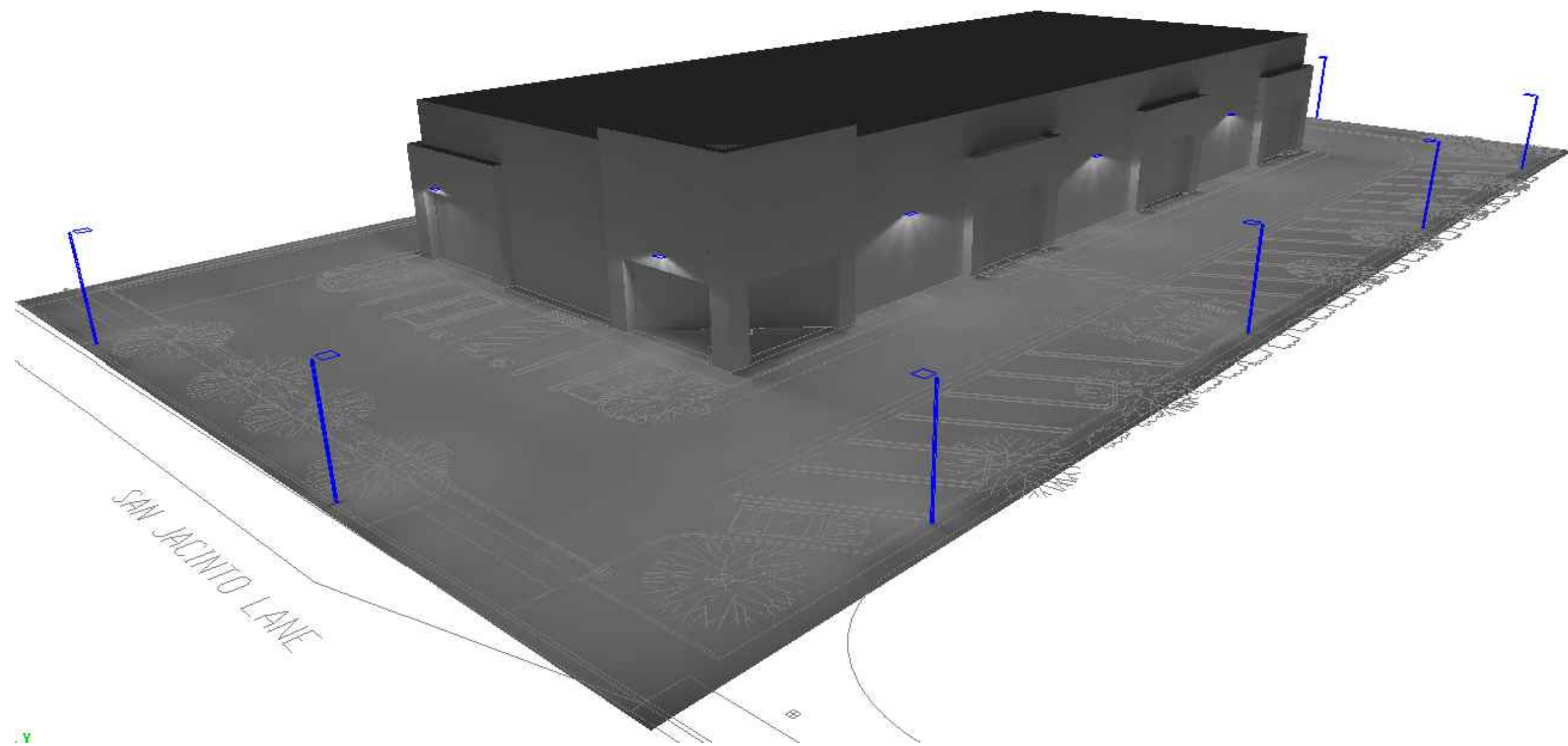


PHOTOMETRIC SITE PLAN



## FIXTURE CUT SHEETS

[illegible]

FIXTURE TYPE 'A'  
MOUNT @ 18'

# VIPER S SERIES

## SMALL FORM LUMINAIRE

**Cat.#**

**Jab**

**Type**

**Approach**

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### SPECIFICATIONS

**Intended Use:**

- The Beacon VIPer luminaires are available with wide choice of different LED lighting configurations and color temperatures designed to replace HD running up to 60WV MR16 or HPS.

**Luminaire:**

- Manufactured with cast aluminum.
- Coated with a powder finish that meets ASTM B117 corrosion test requirements and ANSTI D302 cracking and loss of adhesion test requirements.
- External hardware is corrosion resistant.
- One piece optical cartridge system consisting of an LED engine, LED lamps, optics, gasket and stainless steel endcap.
- Cartridge is held together with internal brass threads secured by the bezel so that it can be field replaced as one piece optical system.
- Two piece silicone and micro-aluminum polyurethane foam gasket ensures a weather-proof seal around each individual LED.

**Electrical:**

- 100W through 300W at 50 Hz to 60 Hz EMI/RFI or 347V or 480V Input.
- Power factor is > 95% full load.
- Dimming options are standard, but call factory for request wiring leads for purposes of external dimming controls.
- Component to component wiring within the luminaire may vary no more than 80% of rated load at 347V or 480V UL, or max at 600VAC at 60°C or higher.
- Pull disconnects are certified by UL for use at 600VAC, 15A, 120 volt, 12A single utility to primary AC only.
- Optional 120 volt commercial ballast and all LED driver components and are still provided with a built-in function terminal block for AC power connection.
- An instant connection for an optional heat lock photo control receptacle.
- Auxiliary connections are available @ 40° 40°C.
- Burge protection - 20KA.
- Optional 120 VANSI CULIST 4 2013 heat sink photo control receptacle available. Compatible with ANSI C135-14 wireless remote control system.

**Disassembly "QTR":** products luminaires from excessive temperature. The device and actuator at specific, better protect performance, and progressively reduce power over a long temperature range. Operation will be smooth and undisturbable to the eye. Thermal circuit is designed to "fall off" allowing the luminaire to return to full power in the event of an interruption of its power supply, or faulty wiring connection to the drivers. The device shall be able to coexist with other 1/10 watt connected (occupancy sensors, sensing dimmers, etc.)

**Controls/Optics:**

- It handles with an optional passive infrared (PIR) motion sensor capable of detecting

motion 300° around the luminaire. When no motion is detected for the specified time, the Motion Response system reduces the wattage to factory preset level, reducing the light level accordingly. When motion is detected by the PIR sensor, the luminaire returns to full wattage and full light output. Please contact Beacon Product if you require equipment lists from standard configuration or Available with Dimmering for optional set dimming, linear dimming with analog slide, or timed dimming based on set trigger (see www.beaconlighting.com/dimmers).

In addition, VIPer can be manipulated with **"ShinyNet"**™ lighting control software for reduction in energy consumption cost while extending light quality 24/7. See ordering information or visit [www.beaconlighting.com/shinyNet](http://www.beaconlighting.com/shinyNet) for more details.

**Installation:**

- Mating options for horizontal arm, vertical trunk or traditional arm mounting available. Mounting hardware included.

**Finish:**

- Powder coated metal electro-statically applied and thermocured.
- PIR film consists of a stage placement aligns with a polymer primer layer and top coated with a thermoset RSG polyester powder coat finish.

The fresh metals the AAMA 600.95 performance specification which includes passing a 300 hour salt water crystalline testing with a polymer primer layer and top coat of adherence per ANSTI D302 and meets surface impacts of less than 100 mJ without damage.

**Listings:**

- Design listed Conformance (ULC) qualified.
- California ULC listed under ETL.
- Certified to IES, IESNA and CSA C22 No.25.0.1
- UL approved
- ETL approved
- Approved by the Florida Fire and Wildlife Conservation Commission
- Approved by the California Department of Fish and Game (www.beaconlighting.com/california)

**Warranty:**

Please see our warranty for more information visit [www.beaconlighting.com/resources/warranty](http://www.beaconlighting.com/resources/warranty)

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### CERTIFICATION LISTINGS

2006-2014 BEAON LIGHTING

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Do or do not certified others? In-house or contract, product specifications are subject to change without notice.

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FIXTURE TYPE 'B'

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MOUNT @ 15'

[illegible]

DATE:	OCTOBER 26, 2017
DRAWN BY:	GL
CHECKED BY:	FR
PROJECT NO.:	17156
DRAWING TITLE:	
PHOTOMETRIC SITE PLAN	

SHEET NO.: