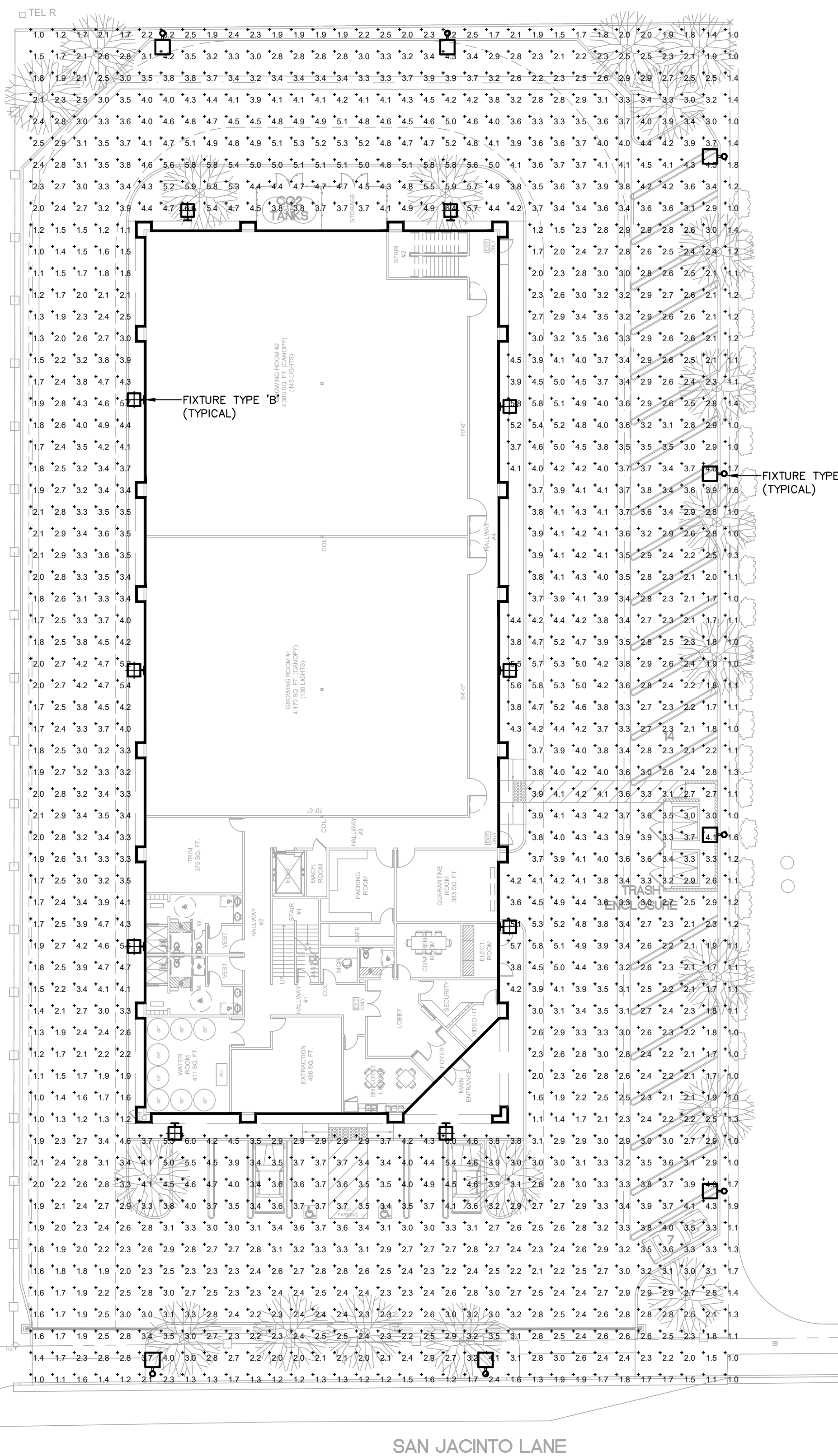
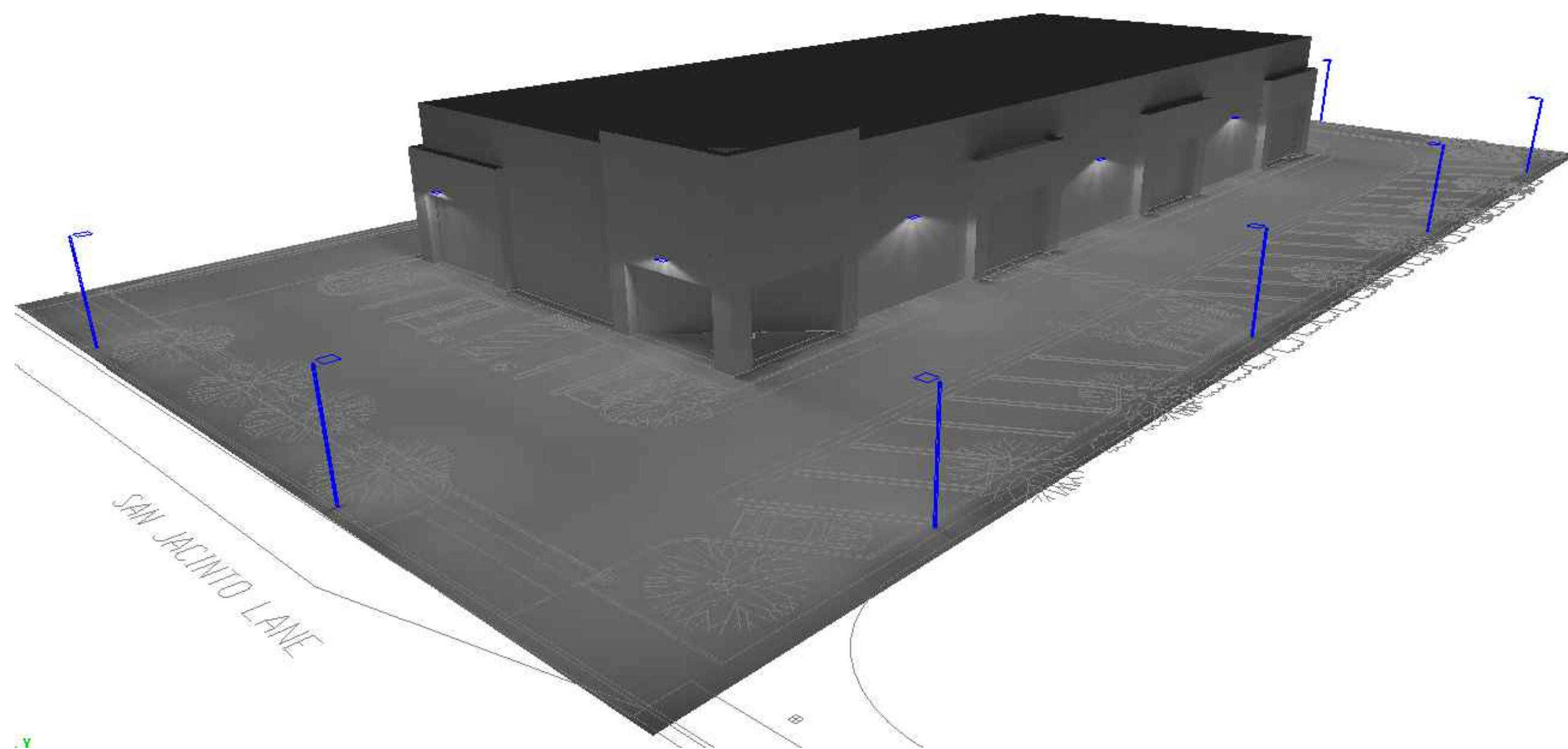




PHOTOMETRIC SITE PLAN



FIXTURE CUT SHEETS

VIPER S SERIES

SMALL VIBR LUMINAIRE

Cat.#	340	Type
		Appliances

SPECIFICATIONS

Intended Use:

The Beacon Viper luminaires are available with a wide choice of different LED lighting configurations and optical distributions designed to replace HD lighting using up to 400W MR16 HPS.

Lighting up to:

- Manufactured with die cast aluminum.
- Coated with a powder finish that meets ASTM B117 corrosion test requirements and ASTM D3260 cycling test of adhesion level compliance.
- External hardware is corrosion resistant.
- One piece optical cartridge system consisting of an LED engine, LED lamp, optics, gasket and stainless steel shade.
- Cartridge is held together with internal spring elements attached to the hood so that it can be easily replaced as one integral cast system.
- Two piece silicone and micro-silver polyurethane foam gasket ensures a weather-tight seal around each individual LED.

Electrical:

- Power (input): 277V, 50 Hz to 60 Hz (BVA), or 240V or 480V VAC.
- Load capacity is 50 W or full load.
- Drawing wires are standard, but must contact factory to request wiring for purposes of external driving conditions.
- Component to component wiring within the luminaire may cost more than 80% of related load and is certified by UL for use at 800W or 400W or higher.
- Plug disconnects are offered by UL for use at 800W or 400W or higher.
- LED wiring to primary (AC) side only.
- A full featured compartment shell contain all LED driver components and shall be provided with a push-button terminal block for all power connections.
- The housing is designed for an optional wet foot (photo contact) receptacle.
- Ambient temperature range: -40°C to 40°C
- Surge protection - 20KA.
- Options: 7 year ANSI C-UL E-1-2013 wet foot (photo contact) receptacle available. Compatible with ANSI C-UL E-1 external weathering.
- Beacon® Circuit - protects luminaire from excessive temperature. The device shall activate at a specific, verified temperature, and progressively reduce power over a wide temperature range. Operation shall be smooth and undisturbed to the eye.
- Thermal circuit is designed to "shut-off" allowing the luminaire to revert to full power in the event of an interruption of all power supplies, or fully using wiring to the drivers. The device shall be able to cycle back after one (1) hour (driving discrepancy errors, external drives, etc.).

Controls/Options:

- Available 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 Products if your equipment varies from standard configuration. Available with Energize for optional on demand, timed dimming and/or dim to level dimming based on time of night (see www.beaconlighting.com/energize.html)

In addition, Viper can be specified with **Shiny®**™ technology, a new technology designed for reducing energy and maintenance cost while improving light quality. 24/7. See ordering information or visit www.beaconlighting.com/shiny for more details.

Installation:

- Mounting options for horizontal, vertical, front or traditional arm mounting available. Mounting hardware not included.

Finish:

- PS polyester powder coat electro-statically applied and thermocured.
- PS finish consists of a five stage preparation regimen with a polymer primer seal and top coated with a thermoset/urea TGD polyester powder coat finish.

The finish meets the ASTM G22 performance specifications which includes passing a 3000 hour salt spray fog test for corrosion resistance and meets critical test of adhesion per ASTM D3260 and meets surface impacts of up to 100 (1000 ft. lbs.)

Listings:

- Design Lights Consortium (DLC) qualified.
- Certified to UL 1598 and CSA C22.2 No. 50.0-03
- ETL approved
- ETL approved by the Florida Fire and Wildlife Conservation Commission
- ETL approved by the Florida Fire and Wildlife Conservation Commission

Warranty:

Five year limited warranty for more information visit: www.beaconlighting.com/warranty

PRODUCT IMAGE(S)

DIMENSIONS

	A	B	C	D	EPA
	18" (457 mm)	18" (457 mm)	11.25" (286 mm)	15.0" (381 mm)	87"
	27.75" (705 mm)	14.75" (375 mm)	2.75" (70 mm)	8.6" (218 mm)	8.6"

MOUNTING OPTIONS

FIG 2-37 3-Adjustable Housels

CERTIFICATIONS & LISTINGS

Beacon Systems • 2041 58th Avenue Circle East, Brandon, FL 34601 • Phone: 800-345-4928
 Due to our commitment efforts to improve our products, product specifications are subject to change without notice.
 © 2015 Beacon Lighting. All rights reserved. For more information or to schedule a demonstration visit www.beaconlighting.com or email info@beaconlighting.com

FIXTURE TYPE 'A'
MOUNT @ 18'

VIPER S SERIES

SMALL ILM LUMINAIRE

Cat.#
Jab

Type
Approach

SPECIFICATIONS

Intended Use:
The Beacon VIPer luminaires is available with wide choice of different LED lighting configurations and color temperatures designed to replace HD running lights up to 600W MIP or HPS.

Conforming to:

- Manufactured with cast aluminum.
- Coated with a powder finish that meets ASTM B117 corrosion test requirements and ANST D322 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 mounting.
- Cartridge is held together with internal brass threads secured by the hex nut that it will be fast installed as one piece optical system.
- Two piece silicone and micro-aluminum polyurethane foam gasket ensures a weather-proof seal around each individual LED.

Electrical:

- 100V through 277VAC 50 Hz to 60 Hz EMI/RFI or 347V or 480V Input.
- Power factor is > 95% at full load.
- Dimming options are standard, but can contact factory to 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 and is certified by UL, UL or at 600VAC at 80°C or higher.
- Plug disconnects are certified by UL for use at 600VAC, 15A, 120 volt, 125k volt, single phase to primary AC only.
- All electrical components are sealed within all LED driver components and also provided with a dust-tight terminal block for AC power connection.
- The luminaire is equipped for an optional heat lock photo control receptacle.
- Ambient operating temperature range: -40° to 40°C
- Surge protection - DINSA.
- Optional 1-in ANSI C136-1 2013 heat sink photo control receptacle available. Compatible with ANSI C136-1 wireless remote control device.

UL Classified "Group 0": products luminaires from excessive temperature. The device and its fixture is a specific, better performance product, and progressively reduce power over a long temperature range. Operation will be smooth and undisturbed 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 device. The device shall be able to coexist with other 1/10 watt class (occupancy sensors, sensorless dimmers, etc.)

Controls/Options:

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

PRODUCT IMAGE(S)

motion 360° 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 your equipment varies from standard configuration. • Available with Emergency or optional cut dimming, linear dimmer with analog slide, or timed dimming based on set trigger (see www.beaconlighting.com for details).

• In addition, VIPer can be manufactured with **"Sillyday™"** technology, which allows for reduction in energy consumption cost while extending light duty cycle. See ordering information or visit www.beaconlighting.com/sillyday/ for more details.

Installation:

- Mounting options for horizontal aerial, vertical front or traditional arm mounting available. Mounting hardware included.

Finish:

- Powder coated metal electro-statically applied and thermocured.
- PFR film consists of a stage placement migrates with a polymer primer layer and top coating with a thermoset RPO polyester powder coat finish.

The fresh metals the AAMA 600 series performance specification which includes passing a 300-hour salt water crystalline testing with a polymer primer layer and top coat of adherence per ASTM D3222 and meets surface impacts of up to 100 lbs without damage.

Listings:

- Design listed Conformance (ULC) qualified, certified ULC listed under file number: www.designlistinginc.com
- Certified to ISO 9001 and CSA C22. No.26.0
- IAS approved
- Approved by Florida Fish and Wildlife Conservation Commission
- Approved by Florida Department of Transportation

Warranty:
Plus see warranty for more information visit www.beaconlighting.com/resources/warranty

DIMENSIONS

A	B	C	Weight	IPI
22.75" (578 mm)	17.75" (452 mm)	11.25" (286 mm)	15.8 lb (7.1 kg)	BT 8"

MOUNTING OPTIONS

CERTIFICATION LISTINGS

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"MADE IN THE USA"

BECALCON

Beacon Products • 2041 South Avenue Circle East, Brandon, FL 34609 • Phone: 800-354-4928
Or we can be reached either by phone or email, product specifications are subject to change without notice.
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FIXTURE TYPE 'B'

MOUNT @ 15'

[illegible]

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

SHEET NO.: