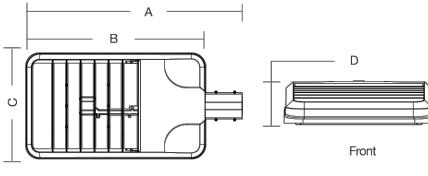
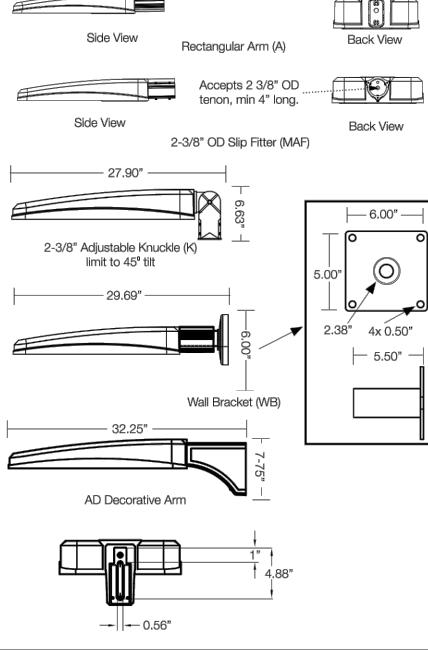
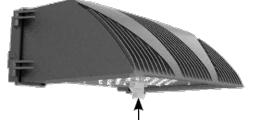
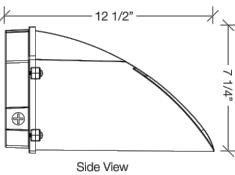
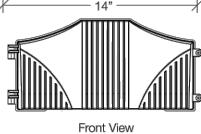
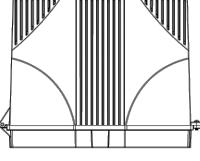
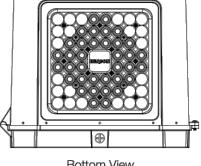


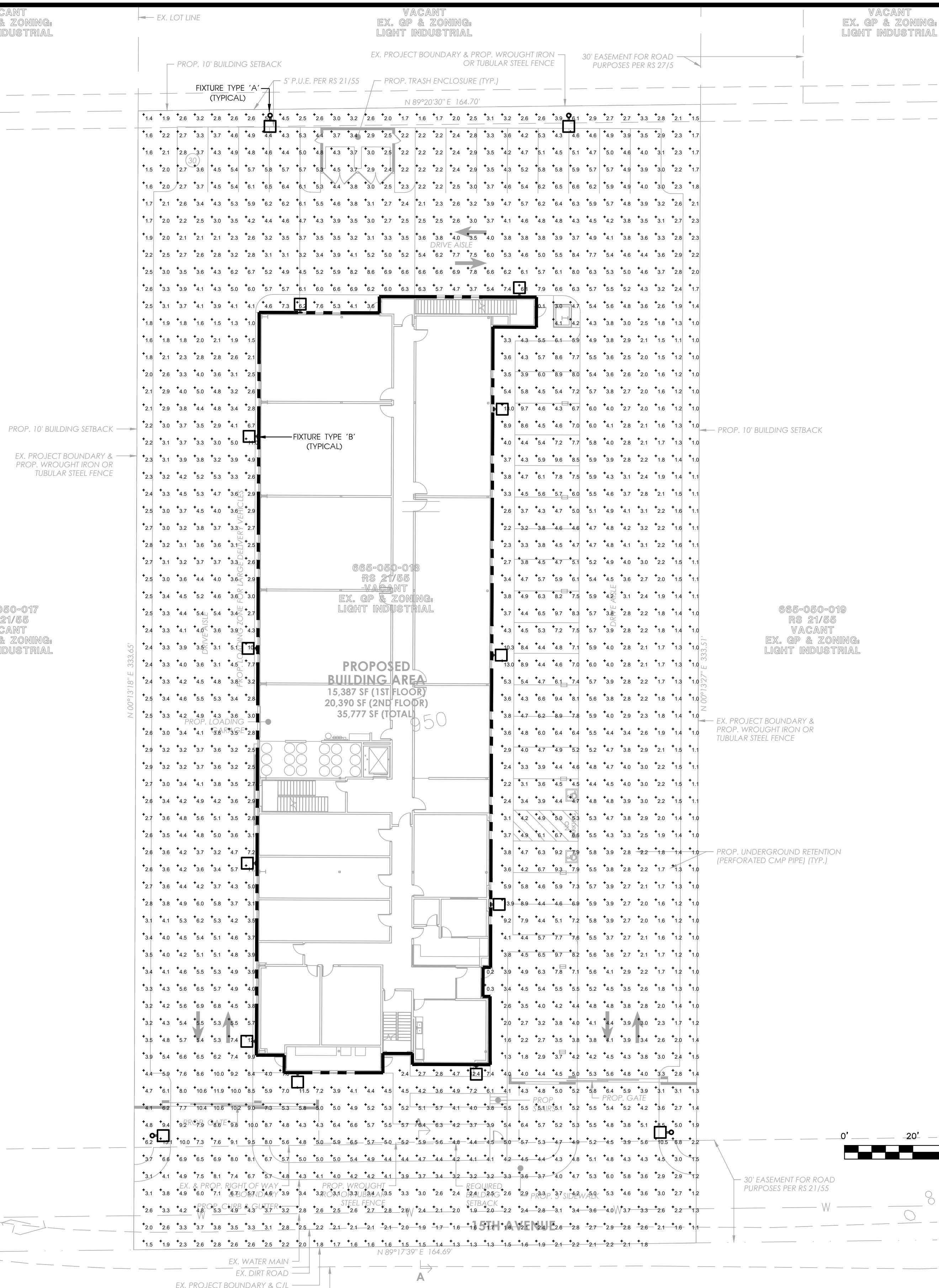
VIPER L OPTICS STRIKE LARGE VIPER LUMINAIRE	Cat.#	Job	Type	 BEACON design . performance . technology	Approvals																		
SPECIFICATIONS																							
Intended Use:																							
The Beacon Viper luminaire is available in two sizes with a wide choice of different LED wattage configurations and optical distributions designed to replace HID lighting up to 1000W MH or HPS. Luminaires are suitable for wet locations.																							
Construction:																							
<ul style="list-style-type: none"> Manufactured with die cast aluminum. Coated with a polyester finish that meets ASTM B117 corrosion test requirements and ASTM D522 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 bezel. Cartridge is held together with internal brass standoffs soldered to the board so that it can be field replaced as a one piece optical system. Two-piece silicone and microcellular polyurethane foam gasket ensures a weather-proof seal around each individual optic. 																							
Electrical:																							
<ul style="list-style-type: none"> Luminaire accepts 100V through 277V, 50 Hz to 60 Hz (UNV), 347V, or 480V input. Power factor is $\geq .90$ at full load. Dimming drivers are standard, but must contact factory to request wiring leads for purpose of external dimming controls. Component-to-component wiring within the luminaire may carry no more than 80% of rated load and is certified by UL for use at 600VAC at 90°C or higher. Plug disconnects are certified by UL for use at 600 VAC, 13A or higher. 13A rating applies to primary (AC) side only. Fixture electrical compartment shall contain all LED driver components and shall be provided with a push-button terminal block for AC power connections. Optional 7-pin ANSI C136.41-2013 twist-lock photo control receptacle available. Compatible with ANSI C136.41 external wireless control devices. Ambient operating temperature -40°C to 40°C Surge protection - 20kA. Lifeshield™ Circuit - protects luminaire from excessive temperature. The device shall activate at a specific, factory-preset temperature, and progressively reduce power over a finite temperature range. Operation shall be smooth and undetectable to the eye. Thermal circuit is designed to "fail on", allowing the luminaire to revert 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 co-exist with other 0-10V control devices (occupancy sensors, external dimmers, etc.). 																							
Controls/Options:																							
<ul style="list-style-type: none"> Available with an optional passive infrared (PIR) motion sensor capable of detecting 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 Products if project requirements vary from standard configuration. Available with Energeni for optional set dimming, timed dimming with simple delay, or timed dimming based on time of night (see www.beaconproducts.com/products/energeni). In addition, Viper can be specified with SiteSync™ wireless control system for reduction in energy and maintenance costs while optimizing light quality 24/7. For more details, see ordering information or visit: www.hubbellighting.com/sitesync 																							
Installation:																							
<ul style="list-style-type: none"> Mounting options for horizontal arm, vertical tenon or traditional arm mounting available. Mounting hardware included. 																							
Finish:																							
<ul style="list-style-type: none"> IFS polyester powder-coat electrostatically applied and thermocured. IFS finish consists of a five stage pretreatment regimen with a polymer primer sealer and top coat with a thermoset super TGIC polyester powder coat finish. The finish meets the AAMA 2604 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D522 and resists surface impacts of up to 160 inch-pounds. 																							
Certifications/Ratings:																							
<ul style="list-style-type: none"> DesignLights Consortium (DLC) qualified, consult DLC website for more details: http://www.designlights.org/DLC Certified to UL 1598, UL 8750, and CSA C22.2 3G rated for ANSI C136.31 high vibration applications with MAF mounting IDA approved This product is approved by the Florida Fish and Wildlife Conservation Commission. Separate spec available at: http://www.beaconproducts.com/products/viper_large 																							
Warranty:																							
Five year limited warranty for more information visit: www.hubbellighting.com/resources/warranty																							
CERTIFICATIONS/LISTINGS																							
			*3000K and warmer CCTs only																				
Beacon Products • 2041 58th Avenue Circle East Bradenton, FL 34203 • Phone: 800-345-4928 Due to our continued efforts to improve our products, product specifications are subject to change without notice. © 2017 BEACON PRODUCTS, All Rights Reserved • For more information visit our website: www.beaconproducts.com • Printed in USA JULY 18, 2017 3:26 PM																							
PRODUCT IMAGE(S)																							
																							
DIMENSIONS																							
 <table border="1"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>Weight:</th> <th>EPA</th> </tr> </thead> <tbody> <tr> <td>29.9"</td> <td>24.19"</td> <td>14.25"</td> <td>4.13"</td> <td>25.0 lbs</td> <td>1.2 ft²</td> </tr> <tr> <td>(741 mm)</td> <td>(614 mm)</td> <td>(362 mm)</td> <td>(105 mm)</td> <td>(11.3 kg)</td> <td></td> </tr> </tbody> </table>						A	B	C	D	Weight:	EPA	29.9"	24.19"	14.25"	4.13"	25.0 lbs	1.2 ft²	(741 mm)	(614 mm)	(362 mm)	(105 mm)	(11.3 kg)	
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MOUNTING OPTIONS																							
																							

IXTURE TYPE A
MOUNT @ 18'-0"

<h1>TRAVERSE</h1> <h2>SERIES</h2> <p>SURFACE/CEILING/GARAGE</p>	Cat.#	 BEACON <small>design . performance . technology</small>	
	Job		
	Type		
Approvals			
SPECIFICATIONS			
<p>Intended Use: The Traverse luminaire is a wall surface mounted luminaire with a field replaceable LED light engine & optical bezel system. Internal components are totally enclosed in rain-tight and corrosion-resistant die cast aluminum housing. The TRV Luminaire is suitable for wet locations.</p> <p>Construction:</p> <ul style="list-style-type: none"> Traverse luminaire consists of a die cast aluminum two-piece housing. Die cast main (thermal) housing provides direct heat exchange between the LED light engine and the cool outdoor air by drawing heat through integral heat channels and out to the sculptured and functional luminaire surface. LED drivers are thermally isolated from the main housing, mechanically attached and heat sunk to the rear housing. Main housing is designed with heat dissipating fins for LED thermal management without the use of metallic screens, cages, or fans. Shape of the main housing is designed to prevent debris accumulation and as a bird nesting deterrent. The back and main housings are designed to hinge open for easy mounting and easy access. <p>LED/Optics:</p> <ul style="list-style-type: none"> Optical one piece cartridge system consisting of an LED engine, LED lamps, optics, gasket and stainless steel bezel. Cartridge is held together with internal brass standoffs soldered to the board so that it can be field replaced as a one piece optical system. A two-piece die cut silicone and polycarbonate foam gasket ensures a weather-proof seal around each individual LED and allows the Traverse luminaire to be rated for high-pressure hose down applications. Optical cartridge is secured to the extruded housing with fasteners and a heat pad to ensure thermal conductivity. Optics are held in place without the use of adhesives and the complete assembly is gasketed for high pressure hose down cleaning. Cartridge assembly is available in various lighting distributions using TIR designed acrylic optical lenses over each LED. <p>Electrical:</p> <ul style="list-style-type: none"> 100V through 277V, 50 Hz to 60 Hz (UNV). Power factor is min 0.92 at full load. All electrical components are rated at 50,000 hours at full load and 40°C ambient conditions per MIL-217F Notice 2. Optional 0 to 10 volt dimming drivers are available upon request. Component-to-component wiring within the luminaire may carry no more than 80% of rated load and is listed by UL for use at 600VAC at 50°C or higher. Plug disconnects are listed by UL for use at 600 VAC, 15A or higher. 15A rating applies to primary (AC) side only. Surge protection - 20KA 			
<p>CERTIFICATIONS/LISTINGS</p> <div style="display: flex; justify-content: space-around;">   </div> <p>*3000K and warmer CCTs only</p>			
<p>Beacon Products • 2041 58th Avenue Circle East, Bradenton, FL 34203 • Phone: 800-345-4928 Due to our continued efforts to improve our products, product specifications are subject to change without notice. © 2016 BEACON PRODUCTS, All Rights Reserved • For more information visit our website: www.beaconproducts.com • Printed in USA TRV-SPEC 11/16</p>			
PRODUCT IMAGE(S)			
   <p>Shown with SiteSync™</p>			
DIMENSIONS			
 <p>Side View</p>  <p>Front View</p>  <p>Top View</p>  <p>Bottom View</p>			

FIXTURE TYPE B

AMOUNT @ 18'-0"



HOTOMETRIC ANALYSIS



Project Number:

essional Engineers & Lighting Consultants
760-340-9005 f: 760-340-9100
M DESERT | SANTA ANA | SAN DIEGO



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