



### McGraw-Edison

DESCRIPTION	TYPE
The Venitas™ LED area luminaire provides uncompromising optical performance and outstanding versatility for a wide variety of area and roadway applications. Patent pending modular LightBAR™ technology delivers uniform and energy conscious illumination to walkways, parking lots, roadways, building areas and any security lighting application. UL/ cUL Listed for wet locations.	
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COMMENTS	PREPARED BY
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#### SPECIFICATION FEATURES

**Construction**  
Die-cast aluminum frame secures thermally conductive, extruded aluminum heat sink to independent electrical chamber. Heavy wall, die-cast aluminum housing and door isolates driver components for cooler operation. The unique construction allows for passive cooling and natural cleaning of the extruded heat sink ensuring reliable operation at 40°C high ambient conditions. Stainless steel fasteners and hinges allow access to electrical components for installation and maintenance. Optional tool-free hardware available for ease of entry into electrical chamber.

**Electrical**  
LED drivers mount to die-cast aluminum back housing for optimal heat sinking, operation efficiency, and prolonged life. Standard driver provides electronic universal voltage (120-277V) 50/60Hz, 2475/5000 or 4800/6000 operation. 480V is compatible for use with 480V Wye systems only. All fixtures are shipped standard with 10kV/10kA common-mode surge protection. LightBARs feature an IP68 enclosure rating and maintain greater than 95% lumen maintenance at 60,000 hours per IESNA TM-21. Occupancy sensor and dimming options available.

**Optics**  
Choice of twelve patented, high-efficiency AccuLED Optics™ distributions. Optics are precisely designed to shape the light output, maximizing efficiency and application spacing. AccuLED Optics technology creates consistent distributions with the scalability to meet customized application requirements. Options Standard in 4000K (4- 2750K CCT and minimum 20 CRI. Options 3000K CCT, 5000K CCT and 5700K CCT. For the ultimate level of spill light control, an optional house-side shield accessory can be field or factory installed. The housing shield is designed to seamlessly integrate with the SL2, SL3 or SL4 optics.

**Mounting**  
Cast aluminum 6" arm includes both guides allowing for easy positioning of fixture during installation to pole or wall surface. Standard single carton packaging of housing, square pole arm and round pole adapter for contractor friendly arrival of product on site. Optional internal arm mount accepts a 1-1/4" to 2" O.D. horizontal tension, while a two-bolt clamping mechanism secures and differential-mode surge protection. LightBARs feature provide ±5° vertical leveling adjustment. Tension adjusters available to slipfit over poles equipped with 3-3/8" or 3-1/2" O.D. tension. 30-3 vibration rated.

**Finish**  
Cast components and arm finished in super TGC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available. Consult the McGraw-Edison Architectural Colors brochure for the complete selection.

**Warranty**  
Five-year warranty.

#### VTS VENTUS LED

2 - 12 LightBARs  
Solid State LED  
AREA LUMINAIRE

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#### ENERGY DATA

Electronics LED Driver  
-3.9 Power Factor  
-20% Total Harmonic Distortion  
120-277V/0-6 & 60-30/0Vrms  
480V/60Hz  
-30°C Minimum Temperature  
40°C Ambient Temperature Rating  
60°C Ambient Temperature Rating (NA option)

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#### SHIPPING DATA

Approximate Net Weight  
(See Tabulated Reference Data)

Dimensions	Weight	EPA (Square Feet)
2 x 4	12.70 (280g)	24 sq. (10.8 sq. ft.)
2 x 6	18.70 (420g)	30 sq. (13.6 sq. ft.)
2 x 8	26.70 (600g)	36 sq. (16.4 sq. ft.)

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#### VTS VENTUS LED

##### OPTIC ORIENTATION

##### DILLING PATTERNS

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#### ORDERING INFORMATION

Product Family	Number of LightBARs	LED Driver	Lamp Type	Voltage	Distribution	Color
VTS-Ventus	2	4000K CCT	LED-09-LED-E1-5WQ	120-277V	2-20°	White
	4	4000K CCT	LED-09-LED-E1-5WQ	120-277V	2-20°	White
	6	4000K CCT	LED-09-LED-E1-5WQ	120-277V	2-20°	White
	8	4000K CCT	LED-09-LED-E1-5WQ	120-277V	2-20°	White
	10	4000K CCT	LED-09-LED-E1-5WQ	120-277V	2-20°	White
	12	4000K CCT	LED-09-LED-E1-5WQ	120-277V	2-20°	White

**Options (Add as Suffix):**

- Pub-09-01: Photocell (120, 208, 240 or 277V. Must Specify Voltage)
- Pub-09-02: Daylight Sensor
- Pub-09-03: High Ambient Temperature Rating\*
- Pub-09-04: High Ambient Temperature Rating\*
- Pub-09-05: High Ambient Temperature Rating\*
- Pub-09-06: High Ambient Temperature Rating\*
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- Pub-09-100: High Ambient Temperature Rating\*

**Assemblies (Order Separately):**

- Pub-09-101: Single Tension Adapter for 2-20° O.D. Tension
- Pub-09-102: Single Tension Adapter for 2-20° O.D. Tension
- Pub-09-103: Single Tension Adapter for 2-20° O.D. Tension
- Pub-09-104: Single Tension Adapter for 2-20° O.D. Tension
- Pub-09-105: Single Tension Adapter for 2-20° O.D. Tension
- Pub-09-106: Single Tension Adapter for 2-20° O.D. Tension
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- Pub-09-111: Single Tension Adapter for 2-20° O.D. Tension
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- Pub-09-125: Single Tension Adapter for 2-20° O.D. Tension
- Pub-09-126: Single Tension Adapter for 2-20° O.D. Tension
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- Pub-09-148: Single Tension Adapter for 2-20° O.D. Tension
- Pub-09-149: Single Tension Adapter for 2-20° O.D. Tension
- Pub-09-150: Single Tension Adapter for 2-20° O.D. Tension

**Notes:**

1. Dimensions shown are approximate. Refer to www.mcgraw-edison.com for exact dimensions.
2. LED LightBARs are UL Listed. LED LightBARs are UL Listed.
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Luminaire Schedule					
Symbol	Qty	Label	Arrangement	WATTS	LLF
A	4	VTS-E09-LED-E1-5WQ 4000K	SINGLE	226	1.000

<b>REVISIONS:</b>			
NOTE	DATE		

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PHONE 262-409-2530  
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ARCHITECTURE, ENGINEERING, PLANNING

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**CITY OF WAUKESHA, WI**  
**PIZZA RANCH #8610-FLEETWOOD DRIVE**  
**SITE LIGHTING PLAN**

SCALE: 1"= 20'-0"

JOB NO: 15-383.000

DATE: 09-18-17

DESIGNED BY: ROB

DRAWN BY: ROB

CHECKED BY:

APPROVED BY:

ENGINEER

DATE

SHEET C-2.1