

# VTH

**High Abuse / Die Cast Aluminum  
Polycarbonate Lens  
Linear LED Luminaire**

We reserve the right to revise the design or components of any product without notice.

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

## SPECIFICATIONS

- DRIVER — Universal Voltage 120/277V Electronic driver is standard.
- HOUSING — Pressure Die-Cast Marine Grade Aluminum Construction.
- LENS — Injection Molded Frosted Polycarbonate Impact/Abuse Resistant Glare Free Lens.
- LINE ACCESS — (2) 1/2-14 (7/8") Trade size threaded entries provided, one on each end of fixture. (Optional: 3/4" Meyers Hub)
- FINISH — Powder Coat Painted Finish.
- MOUNTING — Ceiling Mount, Aircraft Cable Mount, Chain Hung Mount, Pendant Mount.
- LIGHT ENGINE — Energy efficient Light Emitting Diode. 102lm/W at 4000K. CRI>80
- LED LIFETIME — 50,000 Hr (L70).
- COMPLIANCE — Built to comply with U.S. and Canadian safety standards. IP66 Rated. Suitable for Wet Location.

## APPLICATIONS

- TRANSIT
- SCHOOLS
- PARKING GARAGES
- PUBLIC STORAGE
- SUPERMARKETS
- WAREHOUSES
- SPORTING ARENAS
- INDUSTRIAL FACTORIES
- PARKS & RECREATION

## MODELS / SIZES

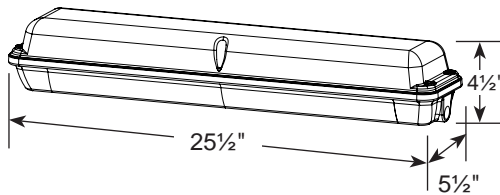


**VTH 2-Foot**

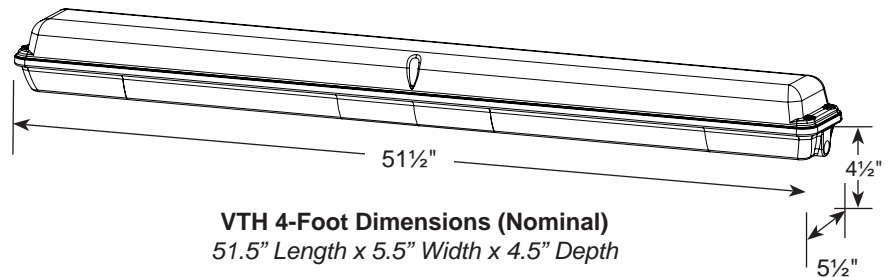


**VTH 4-Foot**

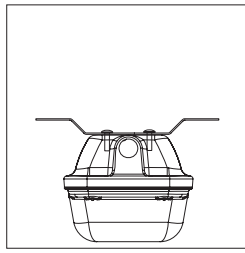
## DIMENSIONS



**VTH 2-Foot Dimensions (Nominal)**  
25.5" Length x 5.5" Width x 4.5" Depth



**VTH 4-Foot Dimensions (Nominal)**  
51.5" Length x 5.5" Width x 4.5" Depth



Ceiling Mount Bracket (CMB)

**ORDERING GUIDE:**

Series	Length	LED Wattage	Color Temp	Voltage	Options

**SERIES**  
**VTH** = Vapor Tite High Abuse Linear Luminaire

**LENGTH (NOMINAL)**  
**2'** = 25.5"L x 5.5"W x 4.5"D  
**4'** = 51.5"L x 5.5"W x 4.5"D

**LED WATTAGE**  
*\*Photometric Data Available on Page 3*  
**VTH 2-Foot LED Wattages**  
**LED24** = 24 Watt LED  
**LED40** = 40 Watt LED

**VTH 4-Foot LED Wattages**  
**LED48** = 48 Watt LED  
**LED60** = 60 Watt LED  
**LED80** = 80 Watt LED

**LED COLOR TEMPERATURE**  
**3K** = ±3000K range  
**4K** = ±4000K range  
**5K** = ±5000K range  
**65K** = ±6500K range

**VOLTAGE**  
**EBU** = Universal Volt (120-277V) Electronic Driver

**FINISH OPTIONS**  
**WH** = Light Gray

**OPTIONS**  
**FUS** = Single Fusing  
**DFUS** = Double Fusing  
**GTD** = Generator Transfer Device (Bodine)  
**HUB3** = 3/4" Myers Hub  
**SG** = 10KA Surge Protection for LED fixtures (meets ANSI spec C62.41.2)

**MOUNTING OPTIONS**  
**CMB** = Ceiling Mount Bracket  


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**ACM** = Aircraft Cable Mount  
**CHM** = Chain Hung Mount  
**PEND** = Pendant Mount  
 -1/2" IPS Conduit Stem (12" is Standard)  
 -For Other Stem Lengths (Consult Factory)  
 -Must also choose Static or Swivel Canopy:  
 — **STC:** Static Canopy  
 — **SWC:** 45° Hang Straight Swivel Canopy for Sloped Ceilings

**SENSOR OPTIONS**  
**9206** = Photocell – 120V  
**9221** = Photocell – 277V  
**9328** = Universal Photocell – 120/277V  
**MS11** = Motion Sensor Integral 1 (Single Circuit)  
 — Steps: 0% - 100% - 0%  
**MS12** = Motion Sensor Integral 2 (Single Circuit)  
 — Steps: xx% - 100% - xx%  
 — xx% = LOW Level and/or STANDBY Dimmed Levels:  
 Options: 50% / 30% / 20% / 10%

**DIMMING OPTIONS**  
**BL1** = Bi-Level Light (High/Low)  
 — Single AC Input Feed  
 — Switch Sensor (Required)  
**BL2** = Bi-Level Light (High/Low)  
 — Wired for Dual AC Input Feeds  
**D7** = 0-10V low-voltage LED Dimming  
**D13** = LED Step Dimming

**EMERGENCY BATTERY OPTIONS**  
*No onsite Emergency Power (AC or DC) is provided*  
 Specify Fixture Voltage: 120V or 277V Power Feed  
**A=120V or B=277V**

Meets California Energy Commission Title 20:  
*(CEC-400-2014-009-CMF) Efficiency Standards*  
**EL4W** = Integral LED 4 Watt — 500 Lumens  
**EL8W** = Integral LED 8 Watt — 1000 Lumens  
**EL16W** = Integral LED 16 Watt — 2000 Lumens  
**REL4W** = Remote LED 4 Watt — 500 Lumens  
**REL8W** = Remote LED 8 Watt — 1000 Lumens  
**REL16W** = Remote LED 16 Watt — 2000 Lumens

Cold Weather Emergency Batteries:  
*NON-CEC Compliant*  
**REL10W-CW** = LED 10 Watt (Remote - Cold Weather)  
 — Temp Range: -20°C thru 50°C  
**REL23W-CW** = LED 23 Watt (Remote - Cold Weather)  
 — Temp Range: -20°C thru 50°C

**NOTES:**  
 ③ Consult Factory for additional Emergency Battery options.  
 ⑤ Max WHIP length with the REL provided by the factory is 8 feet.  
 ⑤ Due to form and fit, final selection of the Battery Pack under discretion of Factory.

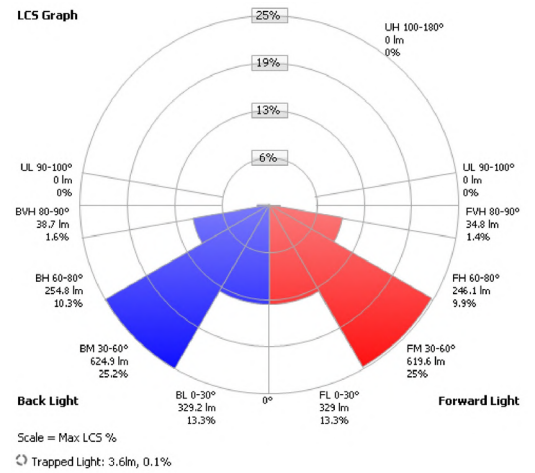
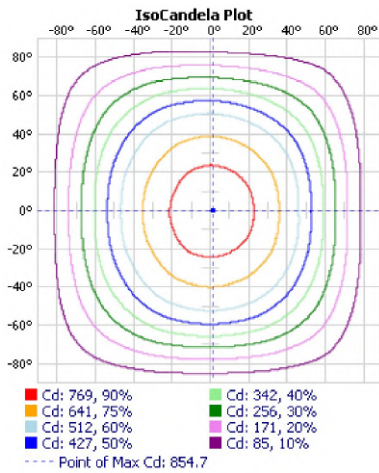
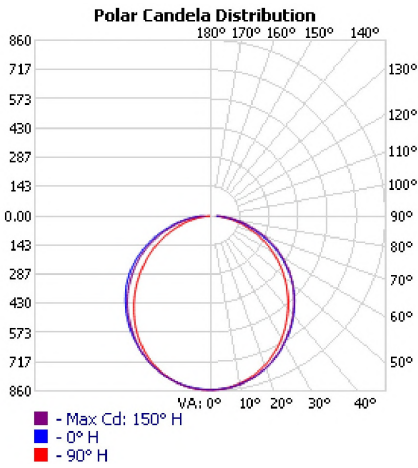
PHOTOMETRIC DATA

Test # ECL-VTH224W4K

CATALOGUE #: VTH-2-LED24-4K

Test Date: 8/21/2015 — Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample.

Summary of Results							
Lamp Output	Lumen Efficacy	Input Voltage	Input Current	Input Wattage	Power Factor	Color Temp	CRI
2480.7 Lumens	105.81 LPW	120.0V	112.0mA	23.44W	1.00	4015K	86.7



PHOTOMETRIC DATA

Test # ECL-VTH448W4K

CATALOGUE #: VTH-4-LED48-4K

Test Date: 8/21/2015 — Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample.

Summary of Results							
Lamp Output	Lumen Efficacy	Input Voltage	Input Current	Input Wattage	Power Factor	Color Temp	CRI
4422.6 Lumens	86.84 LPW	120.0V	223.0mA	50.928W	1.00	4052K	87.7

