

# VaporStar

## Vapor Tight Enclosed LED Light



### Key Features

- Enclosed and gasketed luminaire that utilizes highly-efficient LED technology.
- Gasket and cam latches seal the enclosure, making it weather resistant and corrosion free for wet locations.
- Knockouts and end plugs provided for easy wiring access in the field.

### Electrical

- 120-277VAC 50/60Hz input.
- 0-10V dimming standard.
- Power factor: >0.90 and THD <20%.
- Operating temperature: -40°C to 40°C (-40°F to 104°F).

### Mounting

- Ready to be surface mounted, pendant mounted or safety chain hung.
- Ideal mounting height of 12 to 25 feet.

### Construction

- Gray housing and opal lens is impact-resistant polycarbonate for durability and reliability.
- (8) Stainless steel cam latches standard.
- IP65 rated enclosure prevents intrusion from environmental elements that could degrade performance.

### Optics

- Industry-leading LEDs with 5000K CCT (minimum 80 CRI).
- Lumen Maintenance: >161,000 hours (L70). <sup>1</sup>

### Warranty

- Backed by US LED's Five-Year Warranty.

Project	Date
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Catalog Number	Type
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### Product Performance Summary

Lumen Output	Up to 7,040 lumens
Efficacy	Up to 130 LPW
CRI	≥ 80 CRI
Available CCT	5000K
Warranty	Five-Year Warranty

### Product Overview

The VaporStar is a low-profile, linear LED luminaire that's designed for industrial use. Engineered for durability and reliability in wet locations, the VaporStar features an impact-resistant polycarbonate housing and lens. In addition, this enclosed and gasketed linear luminaire is designed to be weather resistant, corrosion-free, and easy to clean or service. As a result, the VaporStar is the ideal choice for industrial or manufacturing areas, refrigeration, parking garages, and other commercial and industrial applications.

### Product Applications

- Parking Garages
- Refrigeration/Freezers
- Manufacturing/Industrial
- Retail Centers
- Educational Facilities
- Business Campuses

### Product Certifications

- UL Listed
- CSA Listed
- NSF Certified
- Suitable for Wet Locations
- IP65 Rated Enclosure
- RoHS Compliant



### Ordering Information

Example: VTF-1-4-UNVL-40-2-50

VTF1						
Series	Variant	Size	Input Voltage	Power	Driver	CCT
1	Standard	4 4 ft.	UNVL 120-277V	40 40W	2 iNFiNi Driver 0-10V	50 5000K
				55 55W <sup>2</sup>		

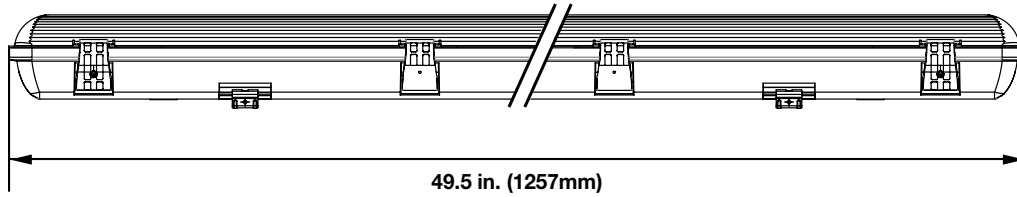
1. Product 'Lifetimes' refer only to the LED light engine, not the power source, and are based on the Illuminating Engineering Society's TM21 Projected Lumen Maintenance methodology at a 25° C / 77° F ambient temperature. The lifetimes are solely meant to be a guide for expected LED degradation and not a warranty or predictive of their actual life, which can be affected by ambient temperatures and other factors.

2. Additional lead time may apply for 55W model. Please consult factory.

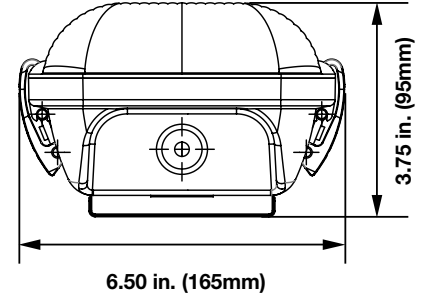
### Dimensions

Net Weight
7.0 lbs. (3.18kg)

Side View



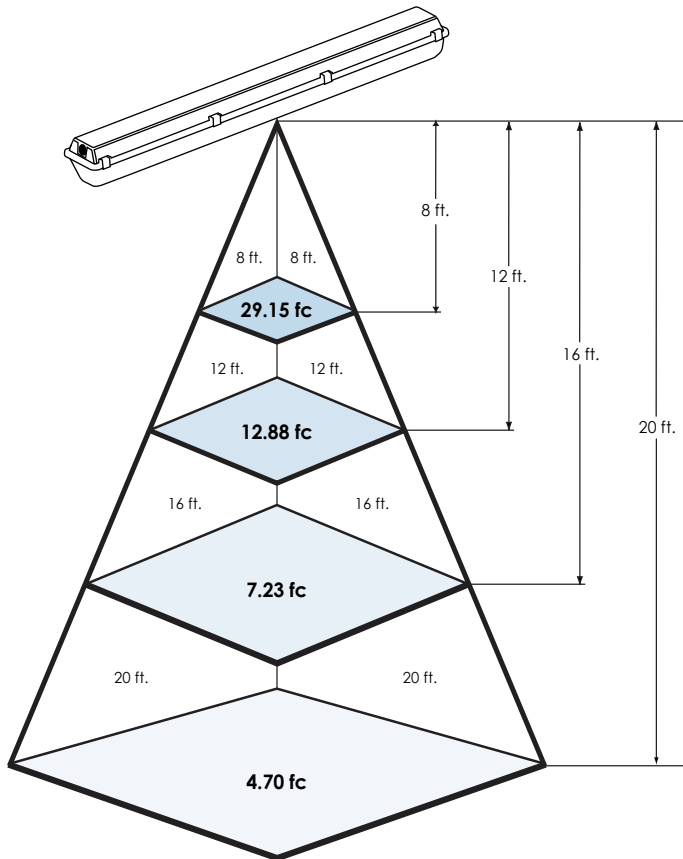
End View



### Performance Data

Model	System Level Power	Delivered Lumens	Efficacy	CCT	L70 Calculate Life	L85 Calculate Life
VTF1-1-4-UNVL-40-2-50	40.0W	5,200L	130 LPW	5000K	161,000 Hours	75,000 Hours
VTF1-1-4-UNVL-55-2-50	55.0W	7,040L	128 LPW	5000K	161,000 Hours	75,000 Hours

### Light Distribution



Room Model	Mounting Height	AVG.	MAX.	MIN.
8 ft. x 8 ft.	8 ft.	29.15 fc	34.6 fc	24.0 fc
12 ft. x 12 ft.	12 ft.	12.88 fc	15.8 fc	9.7 fc
16 ft. x 16 ft.	16 ft.	7.23 fc	9.00 fc	5.20 fc
20 ft. x 20 ft.	20 ft.	4.70 fc	5.90 fc	3.30 fc

Illumination level calculations are of luminaires tested to IESNA LM-79 standards by an NVLAP® accredited facility and Illuminating Engineering Society standard practices. The performance of any US LED luminaire may vary based on varying application conditions.