

4-Foot LED Vaporproof Strip

Designed for tough environments



Description

VSL4 series LED vaporproof strip fixture is gasketed to provide dust and moisture resistant illumination. It withstands corrosion, splashing water, hose-directed water, and damage from external ice formation.

Features

- High output LEDs provide 80+ CRI
- L70 is predicted to be greater than 120,000 hours
- Standard: Multi-volt (120 – 277V) input
- Suitable for ambient temperatures between -30°C to 55°C
- Driver standard with 0 – 10V dimming UL Listed
- 5 Year warranty
- System Designed, Manufactured, Tested, and Approved in Mendenhall, Mississippi

*Foreign and domestic components.

Sample Ordering Information

VSL4F05540U

4-Foot LED Vaporproof Strip
Impact resistant frosted acrylic lens
7,700, Lumens, 55W, 4000K Color
No Factory Installed Options
Standard Disconnect

Rapid Ship Model Available for Next Day Shipment

VSL4F05540U

Project:	
Catalog#:	
Approved by:	

Applications

Entrance Lighting
Car Washes
Public Access
Parking Structures
Marinas & Offshore

Beverage Industry
Food Processing
Construction Sites
Industrial Lighting
Refrigerator Storage

Benefits

- Energy saving compared to fluorescent systems
- Exceptional color rendering
- Available in multiple color options
- High system efficacy
- Long LED life

Specifications

- One-piece upper body; no seams to crack, break or leak
- Reinforced fiberglass body is rugged and corrosion resistant
- 5VA Flammability rating (will not melt or burn)
- Closed cell polyester gasket
- High gasket compression recovery ensures solid seal over life of fixture
- Knockouts on each end

Certifications



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NEMA 4X

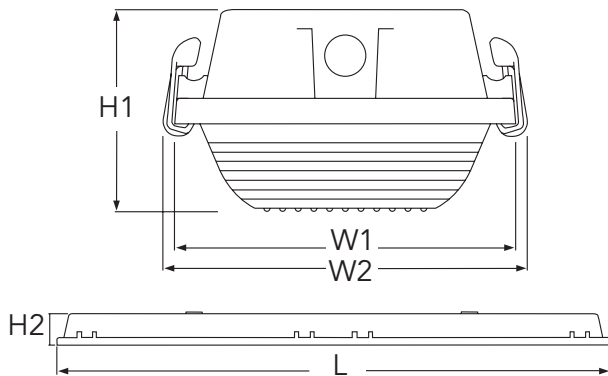


Ordering Information

Model	Length	Lens	Configuration	CCT	Input Voltage	Factory Installed Options	Cordset ²
VSL	4: 4-Foot	A: Impact Resistant Acrylic F: Impact Resistant Frosted Acrylic	040: 5,300 Lumen, 40W 055: 7,700 Lumen, 55W 070: 9,150 Lumen, 67W	40: 4000K 50: 5000K	U: 120-277V	(blank): White Plastic Latches B ¹ : Emergency Battery Backup (1,100 lumens) H: Chain Hanging Bracket S: Stainless Steel Latches	(blank): Standard Disconnect 01: 6', no plug 02: 10', no plug 03: 6', twist lock 120v 04: 10' twist lock 120v 05: 6' non twist lock 120v 06: 10' non twist lock 120v 07: 6' twist lock 277v 08: 10' twist lock 277v 09: 6' non twist lock 277v 10: 10' non twist lock 277v

¹Cord set options are not offered with emergency battery backup option due to an unswitched AC power source requirements for the emergency module. Lumen output is dependent on lens configuration. ²Call factory for custom cord requirements

Dimensions










L – Length (in.)	53.2"
W1 – Min Width (in.)	6.77"
W2 – Max Width (in.)	7.5"
H1 – Fixture Height (in.)	4.13"
H2 – Lens Height (in.)	2.23"

Installation

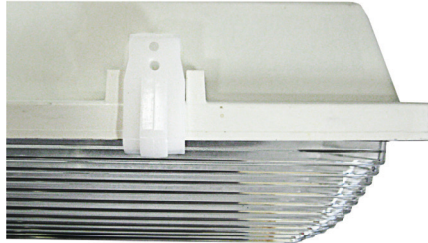
- Shipped fully wired
- Easy access to wiring compartment and driver via removable gear tray
- Gear tray tethered to housing by two lanyards for extra safety
- Knockouts on each end
- Spring-mount, stainless bracket allows for surface or chain mount
- Brackets Install first, then snap securely on fixture
- NEC compliant luminaire power disconnect standard

Replacement Accessories

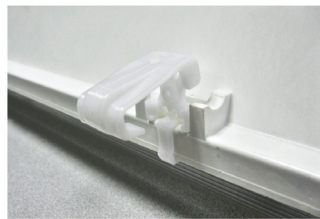
Category	Model Name	Description	
Lens	VSA4-ACR-LENS	Replacement acrylic lens part for VSL4 series fixtures.	
	VSL4-FRAC-LENS	Replacement frosted acrylic lens part for VSL4 series fixtures.	
Latch	VSA4/PC-LATCH	Polycarbonate Latch & Endplug kit (8 latches and 2 end plugs)	
	VSA4/SS-LATCH	Stainless Steel Latch & Endplug kit (8 latches and 2 end plugs)	
Mounting Bracket	VSAX-MB-2L-2	VSL Series stainless steel mounting bracket set (2 brackets per set)	
	VSAX-MB-2L-2-45	VSL Series wall mounting bracket set, stainless steel, 45° (2 bracket per set)	
Hanging Cable	VS-CB	VSL stainless steel chain hanging bail (Qty 2)	

Hardware - Latches

White Plastic

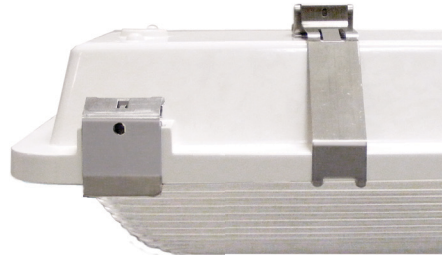


White Plastic Latch locks open during maintenance



Stainless Steel

- withstands corrosive environments



Captive Keeper secures latch to housing preventing accidental loss of latch



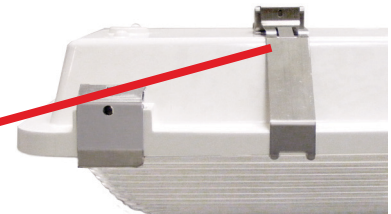
Latch Features:

Latches can be made Tamper Resistant with the addition of locking screws*

- White Plastic #4-32 x 1/2" Screws, 3/4" max. length
- Stainless Steel #6-32 x 3/8" Screws, 3/4" max. length

*Screws not included in fixture

Stainless Steel Mounting Brackets
(Model# **VSAX-MB-2L-2**)
Come standard with every fixture



VSL4 Performance Details							
Model	Lens	Configuration	CCT	Lumen Output	Input Power (W)	Efficacy (Lm/W)	DLC
VSL4	A	040	4000K	5020	40.30	124.6	Premium
			5000K	5114	40.30	126.9	
		055	4000K	7296	54.57	133.7	
			5000K	7424	54.51	136.2	
		070	4000K	8662	66.82	129.6	
			5000K	8824	66.82	132.1	
	F	040	4000K	5307	40.30	131.7	
			5000K	5406	40.30	134.1	
		055	4000K	7707	54.53	141.3	
			5000K	7851	54.53	144.0	
		070	4000K	9157	66.82	137.0	
			5000K	9328	66.82	139.6	

Certifications for VSL4**IP65**

Low pressure water jets from 2.5 to 3 metres in all directions.

6.3mm dia. nozzle from 2.5 to 3 metres distance, 12.5 l/min. for 3 min.

IP66

Strong jets of water from all directions during and immediately after de-energizing the unit.

12.5mm dia. nozzle from 2.5 to 3 metres distance, 100 l/min. for 3 min.

IP 67

Protected against the effects of temporary immersion.

Immersed in tank with water 0.15 m above top and 1 m above bottom. For 30 min.

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This indicates that the material has met both UV and water exposure or immersion requirements as called out in UL746C.

The material is suitable for outdoor use, where parts are subject to frequent or extended periods of exposure to sun light, exposure to water, and immersion in accordance with UL 746C.



Guardian Seal™ is a unique combination of our Injection Molded lenses and high performance "poured in place" gasket. This provides the most advanced sealing system available.

