

**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  | Beverage Industry    |
| Car Washes         | Food Processing      |
| Public Access      | Construction Sites   |
| Parking Structures | Industrial Lighting  |
| Marinas & Offshore | 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**

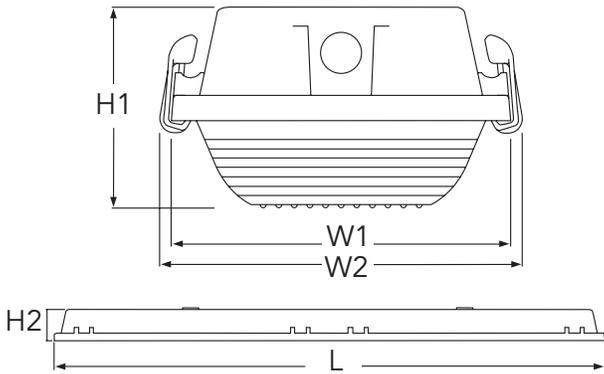


**Ordering Information**

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

<sup>1</sup>Cord 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. <sup>2</sup>Call factory for custom cord requirements

**Dimensions**



|                                  |       |
|----------------------------------|-------|
| <b>L</b> – Length (in.)          | 53.2" |
| <b>W1</b> – Min Width (in.)      | 6.77" |
| <b>W2</b> – Max Width (in.)      | 7.5"  |
| <b>H1</b> – Fixture Height (in.) | 4.13" |
| <b>H2</b> – 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**

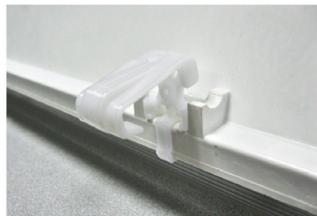
| Category         | Model Name             | Description  |   |
|------------------|------------------------|--|---|
| Lens             | <b>VSA4-ACR-LENS</b>   | Replacement acrylic lens part for VSL4 series fixtures.                        |    |
|                  | <b>VSL4-FRAC-LENS</b>  | Replacement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



Keeper



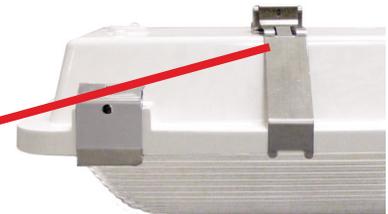
**Latch Features:**

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.**

