

DESCRIPTION

The Fail-Safe HVSL provides style with strength. Steel end caps and steel body provides strength while an extruded polycarbonate lens spreads light evenly. The HVSL is ideal for areas where the need for aesthetics and protection from vandalism are critical. Perfect for schools, hospitals, corridors, dormitories, public restrooms, common areas, and transit stations.

Catalog #		Type	
Project			
Comments		Date	
Prepared by			

SPECIFICATION FEATURES

Housing

Heavy-duty 18 ga. steel housing and end caps provide rigid construction. Stainless-steel and die-formed aluminum available. End caps provided with 7/8" knockouts for continuous row mounting. Pendant mount standard with (2) 7/8" in the housing back. Stem sets ordered separately as accessory item. Finished in matte white standard. Optional architectural colors available.

Fasteners

Hex-head screws (4) secure the lens to the housing. Stainless steel TORX® with center reject pin and allen head set screws optional.

Lens

One-piece extruded UV stabilized opal polycarbonate standard. Optional clear ribbed polycarbonate. Unique linear ribbed design provides even light distribution while obscuring lamp image and direct glare. Internal ribs reduce dirt build-up and make cleaning easier. Nominal lens thickness = 0.135". Lifetime lens warranty (see page 2 for details).

Reflector

20 ga. CRS with white high reflectance polyester powder coat finish. Reflector serves as ballast and wireway cover.

Labels

UL listed for damp locations, wall or ceiling mount.  
IP63 rated optional.

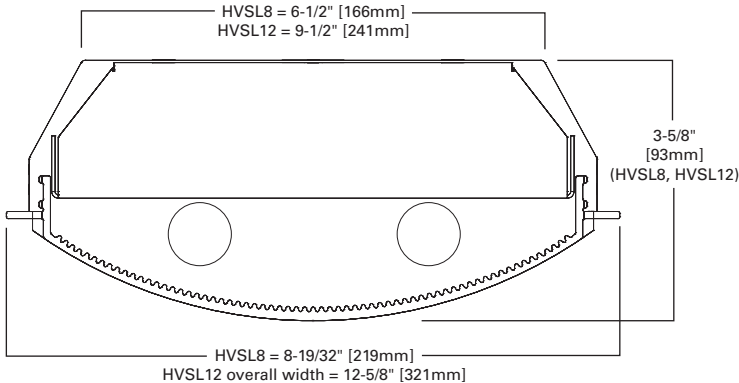


HVSL

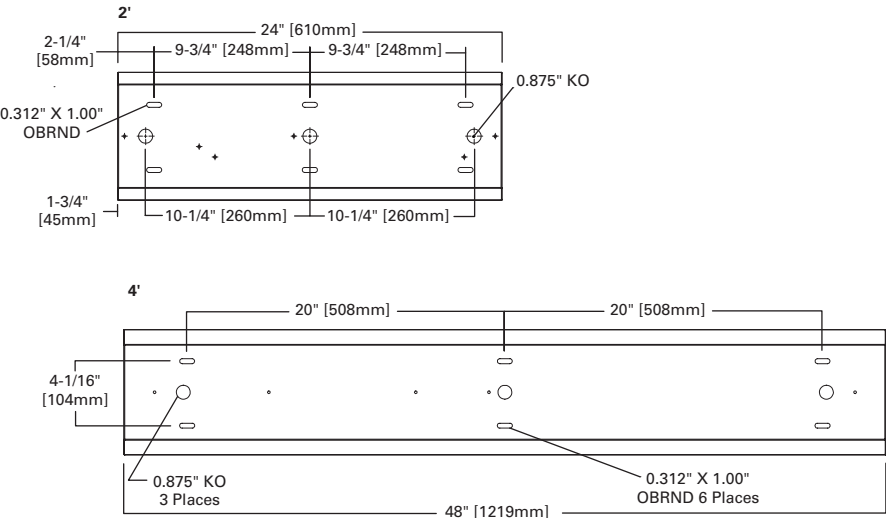
Fluorescent

8", 12" Width  
Vandal Resistant  
Steel Housing  
Linear T5/T8

Polycarbonate Lens



MOUNTING DETAIL



ENERGY DATA

For Energy Management related technical data to support the performance of this fixture series, refer to the ordering information for input wattage.

## ORDERING INFORMATION

SAMPLE NUMBERS: HVSL8-4-232-UNV-O-EB81-SHP  
HVSL12-8-332-UNV-C-EB82

Product Family	Length	Number of Lamps	Lamp Type	Voltage	Lens Type	Ballast	Options	Finish
				<b>UNV</b>				
<b>HVSL8</b> =8' Wide HVSL Linear Steel 2', 4' & 8' Lengths  <b>HVSL12</b> =12' Wide HVSL Linear Steel 2', 4' & 8' Lengths	2=2' Length 4=4' Length 8=8' Length <sup>2</sup>	1=(1) Lamp in Cross-section 2=(2) Lamps in Cross-section 3=(3) Lamps in Cross-section 4=(4) Lamps in Cross-section (HVSL12 only)  <b>2' Length</b> <b>14T5</b> =14W T5 <b>24T5</b> =24W T5 <b>17T8</b> =17W T8  <b>4' 8' Length</b> <b>28T5</b> =28W T5 <b>54T5</b> =54W T5 <b>28T8</b> =28W T8 <b>32</b> =32W T8		<b>120</b> =120V <b>277</b> =277V <b>UNV</b> =120 - 277V  <b>O</b> =Opal Smooth Polycarbonate (no ribs) <b>C</b> =Clear Ribbed Polycarbonate (ribs to inside)				<b>Blank</b> =Matte White <b>BK</b> =Black <b>DP</b> =Dark Platinum <b>BZ</b> =Bronze  Custom colors available. Furnish RAL number or paint manufacturer/catalog number, or color chip. Consult Technical Support for proper catalog logic.
				<b>EB8</b> __=Electronic Ballast, Instant Start Generic, T8 <b>ER8</b> __=Electronic Ballast, Rapid Start Generic, T8 <b>EB5</b> __=Electronic Ballast, Program Rapid Start Generic, T5  Fill in the blank with the quantity of ballasts. EB82=(2) qty. T8 electronic instant start generic ballasts.				<b>Accessories (Order Separately)</b>  <b>VRSD</b> =T20 Center Pin Tamperproof TORX®-head bit <b>SCF-XX-B</b> =Fixed Stem Set <b>XX</b> =Length (6, 8, 12, 24, 36, 48, 60, 72) Used with all surface fixtures as stem sets. One set consists of one stem assembly. Minimum of two sets required per fixture. Not rated WL under covered ceiling.
				<b>OS1</b> =Integral Motion/Occupancy Sensor (within lens) connected to 1 lamp <sup>1</sup> <b>OS2</b> =Integral Motion/Occupancy Sensor (within lens) connected to 2 lamps <sup>1</sup> <b>OSE1</b> =Occupancy Sensor Mounted in External Box, Connected to One lamp (box attached to end plate) <b>OSE2</b> =Occupancy Sensor Mounted in External Box, Connected to Two lamps (box attached to end plate) <b>EL4</b> =Emergency Pack, T8 <sup>3</sup> <b>SF1</b> =TORX® T20 Vandal Resistant Screws <b>SHP</b> =Stainless Steel Painted Housing (White) <b>SHPA</b> =Stainless Steel Painted, all Fabricated Components (White) <b>ALH</b> =Aluminum Housing Painted White <b>ALHA</b> =Aluminum Painted, all Fabricated Components <b>GSKLNS</b> =Gasket to Lens - Side and Ends <b>IP63</b> =IP63 Rated				

## Notes:

- Voltage specific 120 or 277. HVSL8, 2 lamp cross-section max. HVSL12, 3 lamp cross-section max.
- 8 ft. unit consists of (2) 4 ft. housings joined together at the factory. Single 8 ft. lens.
- Specify voltage.

## Lens Lifetime Warranty

Fail-Safe will repair or provide a replacement lens for any HVSL lens found to be inoperative due to physical abuse for the duration of the installation. Fail-Safe will not warranty product against some forms of anti-social human behavior involving corrosive chemicals, fire, paint or gunfire.



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Specifications and dimensions subject to change without notice.

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