

Project		Catalog #		Type	
Prepared by		Notes		Date	



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Top Product Features

- Opal or clear high impact polycarbonate lens
- 8" and 12" width
- 2', 4', and 8' lengths
- Continuous row utilizing end KOs
- Integral occupancy sensor or external occupancy sensor
- Options to meet Buy American Act requirements
- HVSL8/B, HVSL12/B **Ligature resistant**
- 10-Day Quick Spec available

Fail-Safe

HVSL8 | HVSL8/B
HVSL12 | HVSL12/B

Vandal Resistant / High Abuse
Surface, Ceiling or Wall
Steel Housing
Polycarbonate Lens

Typical Applications

Stairwells • Schools • Gymnasium • Hospitals • Corridors • Dormitories • Public
restrooms • Common areas • Transit stations • Behavioral health facilities

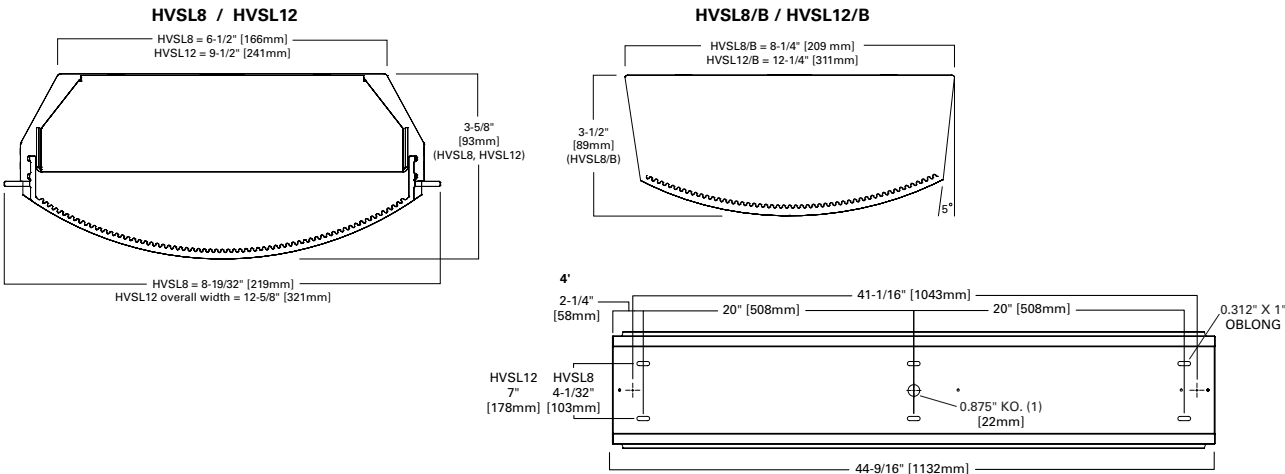
Product Certification



Product Features



Dimensional and Mounting Details



(8' unit consists of (2) 4' units, attached at the factory)

Order Information

SAMPLE NUMBER: **HVSL8-4-LD4-2STD-40-UNV-C-EDC1**SAMPLE NUMBER: **HVSL8/B-2-LD4-2LO-35-UNV-C-EDD1**10-DAY QUICK SPEC SAMPLE NUMBER: **QS-HVSL8-4-LD4-3STD-40-UNV-O-EDC1**

Gray bar denotes available with 10-Day Quick Spec

Domestic Preferences ⁽¹⁾	Product Family	Length	LED Type	Number of LED Modules	Illumination Level	Color Temperature	Voltage	Lens Type
[Blank] =Standard BAA =Buy American Act	HVSL8 =8" Wide HVSL Linear Steel 2', 4' & 8' Lengths QS-HVSL8 =8" Wide HVSL Linear Steel 2', 4' & 8' Lengths, Quick Spec ⁽²⁾ HVSL8/B =8" Wide Behavioral Health, 2', 4' & 8' Lengths HVSL12 =12" Wide HVSL Linear Steel 2', 4' & 8' Lengths HVSL12/B =12" Wide Behavioral Health, 2', 4' & 8' Lengths	2=2' Length 4=4' Length 8=8' Length ⁽³⁾	LD4 =LED, Version 4.0	1 =(1) LED Module in Cross Section 2 =(2) LED Modules in Cross Section 3 =(3) LED Modules in Cross Section	LO =Low STD =Standard HI =High ⁽⁴⁾	30 =3000K Kelvin 35 =3500K Kelvin 40 =4000K Kelvin 50 =5000K Kelvin	UNV =120V-277V ⁽⁵⁾	O =Opal Polycarbonate (ribbed inside) C =Clear Polycarbonate (ribbed inside)
Notes (1) Only product configurations with this designated prefix are built to be compliant with the Buy American Act of 1933 (BAA). Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.	Notes (2) 10 day ship, from date of receipt of clean PO to ship date. 25 unit maximum per PO. QS option only available with shaded options. EL14W with QS is only available in 4ft length, 2STD or 2HL.	Notes (3) 8 ft. unit consists of two 4 ft. housings joined together at the factory with single 8 ft. lens.			Notes (4) HVSL8 & HVSL8/B 3HI option not available with emergency battery pack.		Notes (5) Sensor options are voltage specific, 120 or 277.	

Driver	No. of Circuits	Options	Finish	Accessories (Order Separately) ⁽¹⁴⁾
EDC =Electronic Driver, Non-Dimming ⁽⁶⁾ EDD =Electronic Driver, 0-10V Dimming, 10% ⁽⁶⁾ ED1D =Electronic Driver, 0-10V Dimming, 1% ⁽⁶⁾	1=1 Circuit 2=2 Circuits 3=3 Circuits	OSE1 =Occupancy Sensor Mounted in End External Box, Connected to One LED Module (box attached to end plate) (FS305) ^{(7),(9)} OSE2 =Occupancy Sensor Mounted in End External Box, Connected to Two LED Modules (box attached to end plate) (FS305) ^{(7),(9)} OSE1S =Occupancy Sensor Mounted in Side External Box, Connected to One LED Module (FS505) ^{(7),(9)} OSE2S =Occupancy Sensor Mounted in Side External Box, Connected to Two LED Modules (FS505) ^{(7),(9)} EL7W =7W EM Battery Pack ⁽⁸⁾ EL10W =10W EM Battery Pack ⁽⁸⁾ EL14W =14W EM Battery Pack ⁽⁸⁾ ETRD =Iota Emergency Transfer Relay with dimming control ⁽¹¹⁾ SF1 =TORX® T20 Center Pin, Tamper Proof Screws ⁽¹²⁾ SF3 =Allen-Head Center Pin, Tamper Proof Screws ⁽¹²⁾ SHP =Stainless Steel Painted Housing SHPA =Stainless Steel Painted, all Fabricated Components ALH =Aluminum Painted Housing ALHA =Aluminum Painted, all Fabricated Components IP63 =IP63 Compliant ⁽¹⁰⁾	Standard Colors [Blank] =Matte White AM =Antimicrobial Matte White GW =Gloss White DP =Dark Platinum, Satin Finish BK =Black, Satin Finish BZ =Bronze Architectural Colors TCB =Terra Cotta Brick MRR =Merlot Red PMK =Pumpkin GLD =Goldenrod SGG =Sage Green EVG =Evergreen CBL =Coastal Blue NTB =Night Blue UMB =Ultramarine Blue PPV =Purple Violet NTN =Neutral Tan DBG =Dark Beige CRM =Cream SLG =Silver Grey OLG =Olive Green MHB =Mahogany Brown RALxxxx =RAL Number Color ⁽¹³⁾	VRSD =T20 Center Pin Tamper Proof TORX®-head bit
Notes (6) Purple and gray low voltage driver leads connected to driver for EDD1, ED1D1, EDD2, ED1D2, EDD3, ED1D3. Not connected for EDC1, EDC2, EDC3.		Notes (7) Sensor options are voltage specific, 120 or 277. (8) HVSL8 & HVSL8/B 3HI option not available with emergency battery pack. (9) External occupancy sensor is damp location listed only. (10) IP63 not available on HVSL8/B. (11) Used to bypass local control during outage. Must be used in conjunction with UL 1008 device (provided by others). Devices are universal voltage (UNV). 347 not available. (12) SF1 and SF3 are options for the HVSL8, The HVSL8/B is standard with TORX® T25 center pin tamper screws only, HVSL8/B not available with the SF1 or SF3 screw options.	Notes (13) Replace XXXX with unique 4 digit RAL number. Please contact Fail-Safe Tech for a list of additional finish swatches.	Notes (14) Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

Fail-Safe Standard Colors



Fail-Safe Architectural Colors



Nominal Input Watts/Delivered Lumens

[View IES files](#)

Fixture	Length	# Modules In Cross Section	Illumination Level	Nominal Input Watts	Clear Lens		Opal Lens	
					Nominal Delivered Lumens	LPW	Nominal Delivered Lumens	LPW
HVSL8 (4000K)	2	1	LO	11.5	1319	114.7	1194	103.8
		1	STD	16.3	1699	104.2	1538	94.4
		1	HI	21.5	2186	101.7	1979	92.1
		2	LO	23.1	2504	108.4	2268	98.2
		2	STD	32.7	3226	98.7	2921	89.3
		2	HI	43.1	4151	96.3	3759	87.2
		3	LO	33.7	3949	113.8	3575	103.0
		3	STD	47.8	5087	106.4	4606	96.4
		3	HI	63	6546	103.9	5927	94.1
	4	1	LO	23	2637	114.7	2388	103.8
		1	STD	32.6	3397	104.2	3076	94.4
		1	HI	43	4372	101.7	3958	92.0
		2	LO	46.1	5009	108.6	4535	98.4
		2	STD	65.4	6452	98.7	5841	89.3
		2	HI	86.1	8302	96.4	7517	87.3
		3	LO	67.4	7898	117.2	7152	106.1
		3	STD	95.5	10174	106.5	9212	96.5
		3	HI	125.9	13093	104.0	11855	94.2
HVSL12 (4000K)	2	2	LO	23.7	2615	110.3	2367	99.9
		2	STD	33.6	3368	100.2	3049	90.8
		2	HI	44.2	4334	98.1	3924	88.8
		3	LO	34.6	4123	119.2	3733	107.9
		3	STD	49.1	5312	108.2	4809	97.9
		3	HI	64.7	6834	105.6	6188	95.6
	4	2	LO	47.4	5229	110.3	4735	99.9
		2	STD	67.1	6735	100.4	6099	90.9
		2	HI	88.5	8668	97.9	7848	88.7
		3	LO	69.2	8246	119.2	7467	107.9
		3	STD	98.1	10622	108.3	9618	98.0
		3	HI	129.3	13670	105.7	12377	95.7

• Nominal input wattage values include LED voltage, drive currents and typical driver efficiency. Refer to LM 79 data/photometric files for exact delivered lumen values and input wattage.

Values in table are nominal values only.

• Nominal 15% reduction in delivered lumens when using opal lens.

• For 8' fixture delivered lumens, multiply 4' unit by a factor of 2.

Lumen Calculator

Approximate CCT Multiplier	
3000K	0.98
3500K	1.00
4000K	1.00
5000K	1.01

Product Specifications

Housing

- Heavy duty, 18 ga. steel housing and end caps. Stainless-steel and die-formed aluminum available
- End caps with 7/8" KO for continuous row mounting
- Pendant mount standard with (2) 7/8" KOs in the housing back (all lengths except 1' and 2'). Stem sets ordered separately as accessory item
- Finished in matte white paint standard. Optional architectural colors available
- Electrostatically applied, matte white powder coat finish; gloss white, silver, black, bronze, dark platinum available; Custom colors available (supply RAL number, paint chips, or paint manufacturer catalog number). 16 architectural colors available.

Fasteners

- HVSL: (4) Hex-head screws secure the lens to the housing is standard. Optional: (SF1) stainless steel TORX® T20 center pin and (SF3) stainless steel allen head with center pin.
- HVSL8/B, HVSL12/B: (10) Countersunk stainless steel TORX® T25 center pin tamper screws secure the lens to the housing.

Lens

- One-piece extruded UV stabilized, opal polycarbonate is standard.
- Optional clear ribbed polycarbonate
- Unique linear ribbed design provides even light distribution while obscuring lamp image and direct glare
- Internal ribs and smooth exterior reduce dirt build-up and facilitates cleaning
- Nominal lens thickness = 0.135"

Reflector

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

Light-Emitting Diode (LED)

- LEDs available in 3000K, 3500K, 4000K and 5000K with minimum 80 CRI.

Transformer/Driver

- Electronic driver. 0-10V dimming standard

Compliance

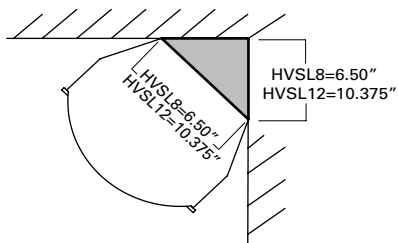
- UL listed for damp locations, wall or ceiling mount
- Wet location under covered ceiling

Warranty

- Five-year warranty on LEDs and electrical
- Fail-Safe will repair or replace any vandal resistant / high abuse luminaire, that is deemed non-functional due to physical damage to the luminaire exterior housing or polycarbonate lens. The luminaire must be installed correctly, and the warranty does not include any interior component, nor does it include damage due to gunfire, paint, caustic material / chemicals, disastrous or abnormal events.

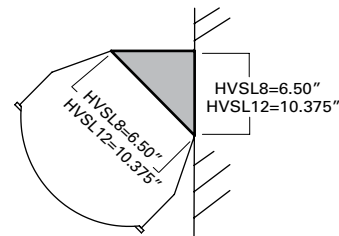
HVSL8 & HVSL12 Corner Mount Bracket (Accessory)

HVSL8-X-CM/BKT= 8", specify length, (X=1, 2, 3, 4, 8)
HVSL12-X-CM/BKT = 12", specify length, (X=1, 2, 3, 4, 8)



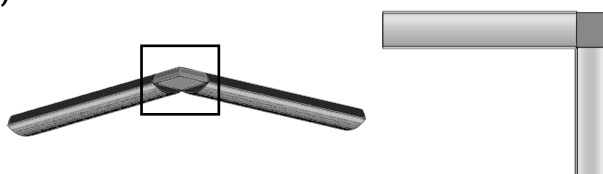
HVSL8 & HVSL12 Wall Mount Angle Bracket (Accessory)

HVSL8-X-WMAB45= 8", 45 degree, specify length, (X=1, 2, 3, 4, 8)
HVSL12-X-WMAB45 =12", 45 degree, specify length, (X=1, 2, 3, 4, 8)



HVSL8 & HVSL12 Corner Connector (Accessory)

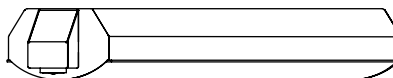
HVSL8-CRNR/CONN=HVSL8 Corner Connector, 90 degree.
HVSL12-CRNR/CONN=HVSL12 Corner Connector, 90 degree.



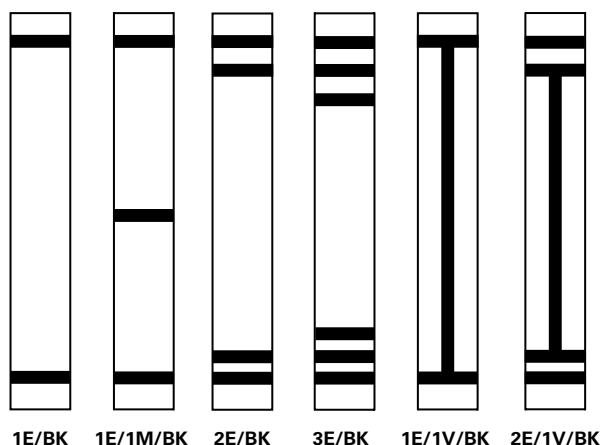
External Occupancy Sensor (Option)

OSE=Occupancy Sensor mounted in external box, (box attached to fixture end plate).

OSSES=Occupancy Sensor mounted in external box on side of fixture (box attached to side of fixture).



Decorative Lens/Bands (Option)



Ordering Logic (Add to end of fixture catalog #)

Examples: HVSL8-4-LD4-1STD-40-UNV-O-EDC1-1E/BK
HVSL12-4-LD4-1STD-40-UNV-O-EDC1-1E/BK

No of Horizontal band and Location	Vertical Band	Band Color
1E=1 Band on End 2E=2 Bands on End 3E=3 Bands on End 1M=1 Band in Middle 2M=2 Bands in Middle 3M=3 Bands in Middle	1V=1 Band Vertical	BK=Black BR=Bronze BL=Blue

Notes:

- *Bands are 3/4" thick
- *Bands are high durability paint finish
- *For custom colors, please furnish RAL# or paint manufacturer/catalog number
- *For other variations or colors not shown, please issue PDR