Project		Catalog #		Type	
Prepared by		Notes		Date	

Fail-Safe
HVSL2 | HVSL2-SQ | LD4 LED

2" Nominal Width
Vandal Resistant Linear LED
Steel Housing, Polycarbonate Lens

Typical Applications

Stairwells • Schools • Hospitals • Corridors • Dormitories • Public restrooms • Common areas • Transit stations

Interactive Menu

Product Certification

UL CERTIFIED SAFETY • wet location • BAA
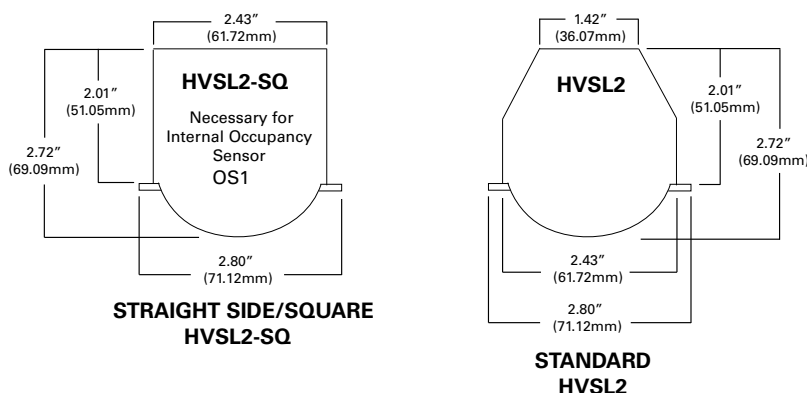
Top Product Features

- Narrow 2.5" architectural width
- High Impact Polycarbonate Lens
- Damp Location Standard, Wet Location Optional
- Available in a variety of paint finishes
- Optional NSF Rating
- Up to 4100 Lumens in 4ft length
- Efficacy up to 106 lm/W
- Options to meet Buy American Act requirements

Dimensional and Mounting Details

HVSL2-SQ
2.43" (61.72mm)
2.01" (51.05mm)
2.72" (69.09mm)
Necessary for Internal Occupancy Sensor OS1
2.80" (71.12mm)
STRAIGHT SIDE/SQUARE HVSL2-SQ

HVSL2
1.42" (36.07mm)
2.01" (51.05mm)
2.72" (69.09mm)
2.43" (61.72mm)
2.80" (71.12mm)
STANDARD HVSL2

additional product diagrams

COOPER Lighting Solutions

Order Information

SAMPLE NUMBER : HVSL2-4-LD4-STD-40-UNV-O-EDC1
HVSL2-SQ-4-LD4-HI-40-277-O-EDC1-OS1

Domestic Preferences [10]	Product Family	Length	LED Type	Illumination Level	Color Temperature	Voltage	Lens Type	Driver
[Blank]=Standard BAA=Buy American Act	HVSL2=2" Wide HVSL Linear Steel HVSL2-SQ=2" Wide HVSL Linear Steel, straight side (required for OS1 option)	2=2' Length [5] 3=3' Length 4=4' Length 8=8' Length [1]	LD4=LED, Version 4.0	STD=Standard LO=Low HI=High	30=3000K Kelvin 35=3500K Kelvin 40=4000K Kelvin 50=5000K Kelvin	UNV=120-277	O=Opal Polycarbonate	EDC1=Single Circuit, Non-Dimming EDD1=Single Circuit, 0-10V 10% Dimming [4] ED1D1=Single Circuit, 0-10V 1% Dimming [4]
Notes (10) 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** (1) 8ft. unit consists of (2) 4ft. housings joined together at the factory with single 8 ft. lens. (5) No center KO.						**Notes** (4) Purple and gray low voltage driver leads connected to driver for EDD1, ED1D1. Not connected for EDC1.

Options	Finish	Accessories (Order Separately) [11]
OS1=Internal Occupancy Sensor Mounted (behind lens). Connected to 1 row LED module. Only available in the HVSL2-SQ, 3', 4', or 8' length. Not available in 2' length. Not available in HVSL2 [2] EL10W=10W Emergency Pack [3] SF1=TORX® T20 Tamper Proof side screws SF3=Allen-head center pin reject Tamper Proof side screws SHP=Stainless Steel Painted Housing SHPA=Stainless Steel Painted, all Fabricated Components ALH=Aluminum Painted Housing ALHA=Aluminum Painted, all Fabricated Components GSKLNS=Gasket to Lens - Side and Ends [7] WL=Wet Location Under Covered Ceiling PMSC=Pendant Mount, Stem/Canopy using standard knockouts in back of housing, (3', 4' & 8' length only) - damp location rated only, (no wet location) [6] PMY=Pendant Mount, AYC Chain or Y-Toggle, uses (4) 0.187" x 0.937" holes, (2) each end, (3', 4' & 8' length only) - damp location rated only, (no wet location) [6] AM=Anti-microbial matte white paint FSS=Flush side screws (secure lens, non tamper proof) FSSTP=Flush side screws (secure lens, tamper proof)	Blank=Matte White BK=Black DP=Dark Platinum BZ=Bronze Custom colors available. Furnish RAL number or paint manufacturer/catalog number, or color chip. Consult Technical Support for proper catalog logic.	VRSD=T20 Center Pin Tamperproof TORX®-head bit SCF-XX-B=Fixed Stem Set (see ordering information page 4) XX=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. HVSL2-X-CM/BKT=HVSL2 Corner Mount bracket, specify length (X=length=2, 3, 4, 8) [8] HVSL2-X-WMAB45=Wall Mount angle bracket, 45 degree, specify length (X=length=2, 3, 4, 8) [8] HVSL2-CRNR/CONN=Corner Connector, 90 degree. (not applicable to HVSL2-SQ) [8] HVSL2-SQ-X-CM/BKT=HVSL2 Corner Mount bracket, specify length (X=length=2, 3, 4, 8) [9] HVSL2-SQ-X-WMAB45=Wall Mount angle bracket, 45 degree, specify length (X=length=2, 3, 4, 8) [9]
Notes (2) When specifying OS1 (internal occupancy sensor) option, the HVSL2-SQ (straight side design) must be designated. (3) Emergency not available in 2ft, or 3ft lengths. (6) Does not include stem, chain, or y-toggle (see page 4 for order information). (7) GSKLNS option is standard with WL option not necessary in catalog.		**Notes** (8) Compatible with HVSL2 (reference option/accessory page for bracket dimensions). (9) Compatible with HVSL2-SQ (reference option/accessory page for bracket dimensions).(11) Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

Product Specifications

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" KO for continuous row mounting
- Pendant mount standard with (2) 7/8"KOs in the housing back (all lengths except 2'). Stem sets ordered seperately as accessory item
- Finished in matte white paint standard. Optional architectural colors available

Fasteners

- White painted Hex-head screws (4) secure the lens to the housing
- Stainless steel TORX®T20 (SF1) with center reject pin and allen head with center pin reject screws (SF3) optional
- Optional flush side screws (FSS or FSSTP) painted matte white

Lens

- One-piece extruded UV stabilized, diffuse polycarbonate
- Unique linear ribbed design provides even light distribution while obscuring LED boards
- Internal ribs and smooth exterior reduce dirt build-up and facilitates cleaning.
- Nominal lens thickness = 0.085"

Reflector

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

Mounting

- Surface mount standard, wall or ceiling.
- Continuous row using end knock-outs

Light-Emitting Diode (LED)

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

Transformer/Driver

- Electronic driver. 0-10V dimming standard
- Optional 10% and 1% dimming

Compliance

- cULus listed for damp locations standard
- Wet location under covered ceiling optional, wall or ceiling mount

Warranty

- Five-year warranty on LEDs and electrical, consult website for details. www.cooperlighting.com/legal
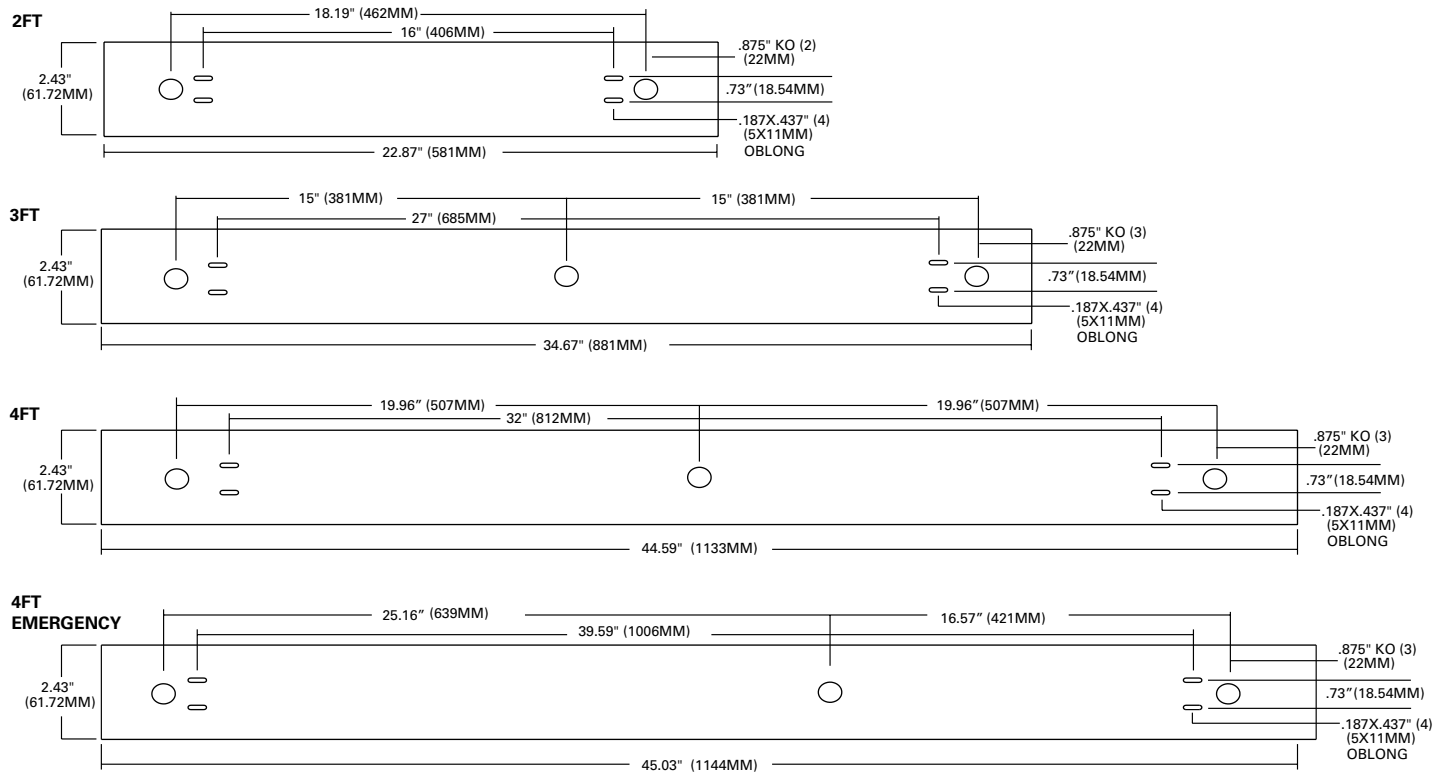
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Nominal Input Watts/Delivered Lumens - 4000K

Fixture	Length	Illumination Level	Nominal Input Watts	Opal Lens	
				Nominal Delivered Lumens	LPW
HVSL2 (4000K)	2'	LO	11.5	1422	123.7
		STD	16.4	1831	111.6
		HI	21.6	2357	109.1
	3'	LO	17.3	2133	123.3
		STD	24.6	2747	111.7
		HI	32.4	3535	109.1
	4'	LO	23.1	2843	123.1
		STD	32.7	3662	112
		HI	43.1	4712	109.3
	8'	LO	46.7	5685	121.7
		STD	66.1	7324	110.8
		HI	87.2	9425	108.1

• Nominal input wattage values include LED voltage, drive currents and typical driver efficiency. Refer to LM79 data/photometric files for exact delivered lumen values and input wattage. Values in table are nominal values only.
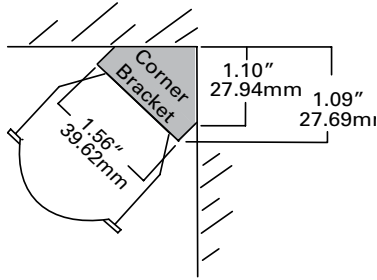
Dimensional and Mounting Details

2FT
18.19" (462MM)
16" (406MM)
.875" KO (2) (22MM)
2.43" (61.72MM)
.73" (18.54MM)
.187X.437" (4) (5X11MM) OBLONG
22.87" (581MM)

3FT
15" (381MM)
27" (685MM)
15" (381MM)
.875" KO (3) (22MM)
2.43" (61.72MM)
.73" (18.54MM)
.187X.437" (4) (5X11MM) OBLONG
34.67" (881MM)

4FT
19.96" (507MM)
32" (812MM)
19.96" (507MM)
.875" KO (3) (22MM)
2.43" (61.72MM)
.73" (18.54MM)
.187X.437" (4) (5X11MM) OBLONG
44.59" (1133MM)

4FT EMERGENCY
25.16" (639MM)
39.59" (1006MM)
16.57" (421MM)
.875" KO (3) (22MM)
2.43" (61.72MM)
.73" (18.54MM)
.187X.437" (4) (5X11MM) OBLONG
45.03" (1144MM)

NOTE:

* 8' Fixture incorporates (2) 4' fixtures, attached at the factory, and one single 8' length lens

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Corner Mount Bracket (Accessory)

HVSL2-X-CM/BKT=HVSL2 Corner Mount Bracket, specify length,(X=2, 3, 4,8)

1.10" 27.94mm
1.09" 27.69m
1.56" 39.62mm

HVSL2-SQ-X-CM/BKT=HVSL2-SQ Corner Mount Bracket, specify length, (X=2,3,4,8)
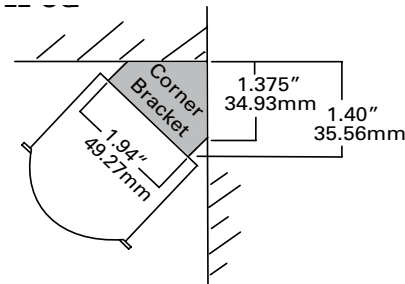

1.375" 34.93mm
1.40" 35.56mm
1.94" 49.27mm

Wall Mount Angle Bracket (Accessory)

HVSL2-X-WMAB45=HVSL2 Wall Mount Angle Bracket, 45 degree, specify length, (X=2, 3, 4,8)

1.10" 27.94mm
1.09" 27.69mm
1.56" 39.62mm

HVSL2-SQ-X-WMAB45=HVSL2-SQ Wall Mount Angle Bracket, 45 degree, specify length, (X=2,3,4,8)

1.375" 34.93mm
1.40" 35.56mm
1.94" 49.27mm
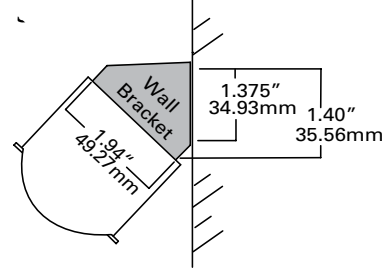
HVSL2 - Corner Connector (Accessory)

HVSL2-CRNR/CONN=HVSL2 Corner Connector, 90 degree.
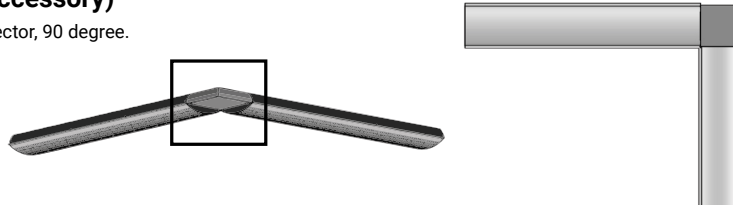
Pendant Mount: Suspension Sets - Stem Sets (Option)

XX=Length (6, 8, 12, 24, 36, 48, 60, 72)   **SCF-XX-B=**Fixed Stem Set

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.

NOTE: Coupler, 3/8" IPS Pipe Coupler to join lengths. Coupler is standard baked white enamel or special order of black. Must specify pendant mount (PMSC or PMY) option on luminaire.

Decorative Lens/Bands (Option)

1E/BK   1E/1M/BK   2E/BK   3E/BK   1E/1V/BK   2E/1V/BK
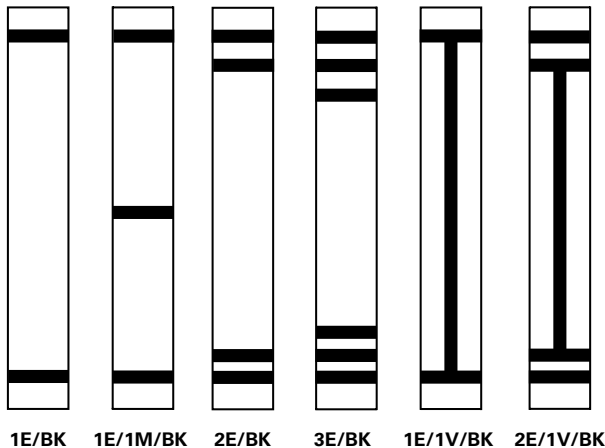
Ordering Logic (Add to end of fixture catalog #)

Examples: HVSL2-4-LD4-1STD-40-UNV-O-EDC1-1E/BK

No of Horizontal Band and Location	Vertical Band	Band Color
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 1/2" 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