

Project		Catalog #		Type	
Prepared by		Notes		Date	



Fail-Safe FVS4

High Abuse / Vandal Resistant
4" Wide / 3.75" Deep
2', 3', 4', 8' Lengths
Polycarbonate Lens
Surface, Ceiling or Wall

Typical Applications:

Vandal Resistant • Schools • Dormitories • Hallways • Locker Rooms • Showers
• Canopies • Public Spaces • Maintenance Facilities • Mezzanines • Stairwells • Restrooms • Storage Facilities • Behavioral Health

Product Certification



Product Features



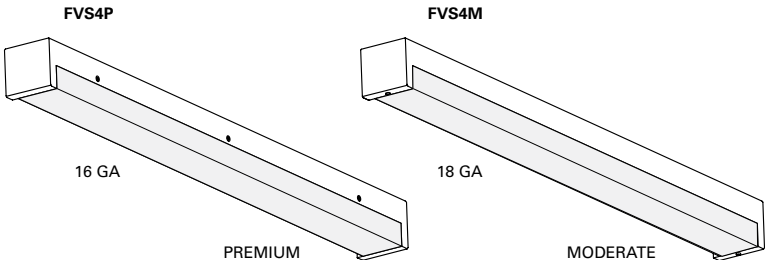
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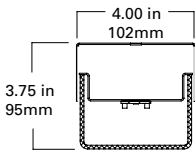
Top Product Features

- Cold-rolled steel or stainless steel housing available
- 4" nominal width, 3.75" depth - 2', 3', 4', and 8' lengths
- Damp location standard; wet location under covered ceiling available
- Continuous row utilizing end knock-outs
- 16 ga. steel housing (FVSP) for durability. 18 ga. steel FVSM standard
- Internal occupancy sensor available, behind the lens
- Opal smooth or clear prismatic polycarbonate lens. Lifetime lens warranty. IK10 impact resistance rating.
- Damp location standard; wet location under covered ceiling available
- Options to meet Buy American Act requirements
- **Ligature resistant**; ceiling mount
- 10-Day Quick Spec available. Ship 10 days from receipt of PO

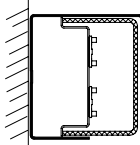
Dimensional and Mounting Details



CEILING or WALL MOUNT
FVS4



WALL MOUNT
FVS4W



FVS4P	
Length	# Screws each side
2'	2
3'	2
4'	3
8'	5

Housing	FVS4P	FVS4M
	16GA Steel	18GA Steel
Listing	UL Damp, Wet Optional	UL Damp, Wet Optional
Construction	Screws along fixture edge	Set Screws on Endcaps

additional product diagrams

Order Information

SAMPLE NUMBER: FVS4WM-8-LD4-2STD-35-UNV-OPL-EDC1-EL7W

SAMPLE NUMBER: FVS4P-4-LD4-2STD-30-120-P187-EDC1-OS1-WL

10-DAY QUICK SPEC SAMPLE NUMBER: QS-FVS4M-4-LD4-1HI-35-UNV-P125-EDC1

Gray bar denotes available with 10-Day Quick Spec

Domestic Preferences	Product Family	Length	LED	No. of LEDs	Illumination Level
Domestic Preferences ⁽⁷⁾	Product Family	Length	LED	No. of LEDs	Illumination Level
[Blank] =Standard BAA =Buy American Act	FVS4 =High Abuse 4" Wide Surface Luminaire QS-FVS4 =High Abuse 4" Wide Surface Luminaire, Quick Spec ⁽⁶⁾ FVS4W =High Abuse 4" Wide Surface Wall Mount Luminaire	M =Moderate P =Premium 2 =2' length ^{(4), (6)} 3 =3' length 4 =4' length 8 =8' length	LD4 =Linear LED, Version 4	1 =1 row LED module in X-section 2 =2 rows LED module in X-section ^{(1), (4)}	LO =Low STD =Standard HI =High
Notes (7) 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 (8) 10 day ship, from receipt of clean PO to ship date. 25 unit maximum per PO. QS available only with shaded options. EL14W only available with QS as 4ft length with 1LQ, 1STD, 1HI.	Notes (4) 2HI with 2 circuits not available in 2ft length. (6) 2' length fixture with 2 circuits and OS1 or OS2 is not available.		Notes (1) Up to 1HI only with Emergency Battery Pack. 1LQ, 1STD, 1HI available with EL7W and EL14W. 2 LED cross-section not available. (4) 2HI with 2 circuits not available in 2ft length.	

Color Temperature	Voltage	Lens	Driver	Options	Finish
Color Temperature	Voltage	Lens	Driver	Options	Finish
30 =3000K 35 =3500K 40 =4000K 50 =5000K	120 =120 Volt 277 =277 Volt UNV =120-277 Volt	P125 =.125" Clear polycarbonate prismatic lens P187 =.187" Clear polycarbonate prismatic lens OPL =.125" Polycarbonate smooth opal lens	EDC1 =Electronic driver, Non-Dimming, 1 circuit EDC2 =Electronic driver, Non-Dimming, 2 circuits EDD1 =Electronic driver, Dimming 10%, 1 circuit EDD2 =Electronic driver, Dimming 10%, 2 circuits ED1D1 =Electronic driver, Dimming 1%, 1 circuit ED1D2 =Electronic driver, Dimming 1%, 2 circuits	EL7W =7 watt EM Pack ^{(1), (2)} EL14W =14 watt EM Pack ^{(1), (2), (8)} SHP =Stainless steel, painted housing SHP =Stainless steel, brushed housing OS1 =Internal Occupancy Sensor (behind lens), connected to one LED module. Specify 120 or 277 voltage. ^{(5), (6)} OS2 =Internal Occupancy Sensor (behind lens), connected to two LED modules. Specify 120 or 277 voltage. ^{(5), (6)} WL =Wet location, listed under covered ceiling for FVS4P and FVS4M. WL not available on FVS4WP or FVS4WM. 90 =90CRI (not available in 3ft length).	[Blank] =Matte White BK =Black DP =Dark Platinum GW =Gloss White AM =Anti-microbial Matte White
				Notes (1) Up to 1HI only with Emergency Battery Pack. 1LQ, 1STD, 1HI available with EL7W and EL14W. 2 LED cross-section not available. (2) EL7W not available in 2ft length. EL14W not available in 2ft or 3ft length. (5) OS1 and OS2 require 120 or 277 to be specified in the ordering logic. (6) 2' length fixture with 2 circuits and OS1 or OS2 is not available.	Notes Custom colors available, with customer provided RAL number. Consult Technical Support with any questions.

Product Specifications

Fasteners

- **FVSP** - Captive, stainless steel, countersunk, flush, tamperproof, T20 TORX ®-head screws prevent unauthorized access. Screw heads painted to match housing color/finish.
- **FVSM** - 2 white T20 TORX screws prevent unauthorized access.

Housing

- Die-formed 16 ga. Steel (FVS4P), 18 ga. Steel (FVS4M) with welded and ground ends. Stainless steel housing available.

Finish

- Matte white electrostatically applied, white powder coat finish.
- Gloss white and anti-microbial white painted finish available.

Gasket

- Concealed, polyurethane end gaskets inhibit the entrance of environmental contaminants.

Lens

- Nominal 0.125", UV stabilized, clear Pattern 12, impact-resistant, prismatic polycarbonate refractor for high efficiency, low surface brightness and maximum strength. Opal smooth available. .187" thick clear Pattern 12 prismatic polycarbonate available.
- Lifetime Lens Warranty.

LEDs

- Available with 3000K, 3500K, 4000K, 5000K with minimum of 80CRI. 90 CRI available (except 3' length)
- Projected life is 50,000 hours at 70% lumen maintenance.

Lens Retention

- The FVS4P double wall lens channel captivates lens to prevent unauthorized fixture penetration. Screws along each side to ensure maximum lens captivation. FVS4M incorporates (2) tamper resistant screws, one on each endcap.

Transformer/Driver

- Electronic driver 120V-277V, 0-10V, dimming standard.

Compliance

- UL listed for damp location. Wet location listed under covered ceiling optional, FVS4P & FVS4M.

Warranty

- 5 Year warranty on LED's 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.

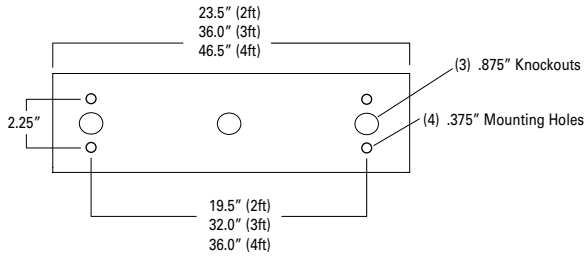
Nominal Input Watts

 View IES files

LENGTH	# Modules in Cross-Section	Illumination Level	Nominal Input Watts	Color Temp	LENS P125 Nominal Delivered Lumens	LENS P187 Nominal Delivered Lumens	LENS OPL Nominal Delivered Lumens
2'	1	LO	12.3	30 35 40 50	1266 1290 1316 1434	1230 1254 1279 1394	849 865 882 961
	1	STD	16.9	30 35 40 50	1723 1756 1791 1952	1675 1707 1741 1897	1155 1177 1201 1309
	1	HI	22.2	30 35 40 50	2125 2166 2209 2408	2065 2105 2147 2340	1425 1452 1481 1614
	2	LO	24.1	30 35 40 50	2614 2664 2717 2962	2540 2588 2640 2878	1648 1679 1713 1867
	2	STD	33.9	30 35 40 50	3475 3541 3612 3937	3376 3440 3509 3825	2190 2232 2277 2482
	2	HI	44.8	30 35 40 50	4266 4347 4434 4833	4145 4223 4308 4696	2689 2740 2795 3047
3'	1	LO	21.3	30 35 40 50	2384 2429 2478 2701	2254 2296 2343 2553	1545 1574 1606 1751
	1	STD	28.5	30 35 40 50	3067 3125 3188 3475	2899 2954 3014 3285	1988 2025 2066 2252
	1	HI	36.3	30 35 40 50	3699 3770 3845 4191	3497 3564 3635 3962	2397 2442 2492 2716
	2	LO	56.8	30 35 40 50	5909 6022 6142 6695	5575 5682 5795 6317	3567 3635 3708 4042
	2	STD	64.0	30 35 40 50	6545 6671 6804 7416	6175 6294 6420 6997	3951 4027 4107 4477
	2	HI	71.7	30 35 40 50	7136 7273 7418 8086	6733 6862 6999 7629	4308 4390 4478 4881
4'	1	LO	23.6	30 35 40 50	2594 2643 2696 2939	2515 2563 2614 2850	1707 1739 1774 1934
	1	STD	33.6	30 35 40 50	3476 3542 3613 3938	3370 3434 3503 3818	2287 2330 2377 2591
	1	HI	44.5	30 35 40 50	4274 4356 4443 4843	4144 4224 4308 4696	2812 2866 2923 3186
	2	LO	57.4	30 35 40 50	6015 6130 6253 6816	5848 5960 6080 6627	3756 3828 3905 4256
	2	STD	67.5	30 35 40 50	6853 6984 7124 7765	6663 6791 6927 7550	4279 4361 4448 4849
	2	HI	89.3	30 35 40 50	8335 8494 8664 9444	8104 8259 8424 9182	5205 5304 5410 5897

Dimensional and Mounting Details

2',3',4' - Mounting Dimensions



8' - Mounting Dimensions

