Project		Catalog #		Type	
Prepared by		Notes		Date	

Fail-Safe

FVS8 LD4 LED

8" Wide - 2', 3', 4', 8' Lengths
Polycarbonate Lens
Vandal Resistant
Ceiling / Wall

Typical Applications:

Vandal Resistant • Schools • Dormitories • Locker Rooms • Shower Facilities • Restrooms

Interactive Menu

- Order Information page 2
- Product Specifications page 2
- Product Warranty

Product Certification

Product Features

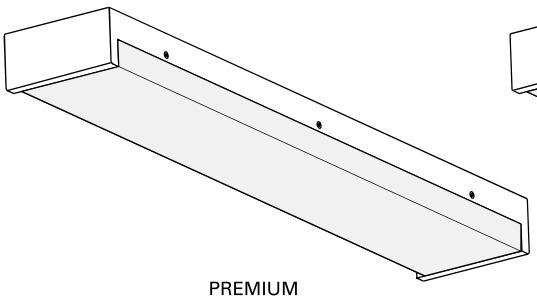
wet location

Top Product Features

- Steel, painted stainless steel, or brushed stainless steel housing
- Opal & clear prismatic polycarbonate lens, lifetime warranty
- 8" nominal width, 3.75" depth, 2', 3', 4', 8' lengths
- Up to 14,000 lumens from a 4' length fixture
- Continuous row utilzing end knock-outs
- 16 ga. steel housing (FVS8P). 18 ga. steel (FVS8M) standard
- Internal occupancy sensor available
- Damp location std., wet location under covered ceiling available
- Matte white paint std -- gloss white & anti-microbial paint available
- Options to meet Buy American Act requirements

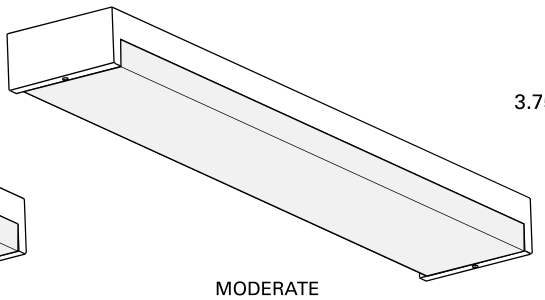
Dimensional and Mounting Details

FVS8P

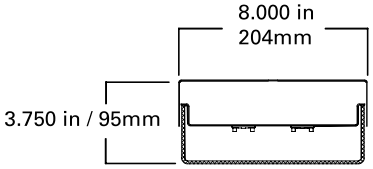


PREMIUM

FVS8M



MODERATE



additional product diagrams

Order Information

SAMPLE NUMBER : **FVS8M-8-LD4-3STD-35-UNV-OPL-EDC1-EL7W**
FVS8P-4-LD4-2STD-30-120-P187-EDC1-OS1-WL

Domestic Preferences	Product Family		Length	LED	No. of LEDs	Illumination Level	Color Temperature	Voltage	Lens	Driver	Options
Domestic Preferences (4)	Product Family		Length	LED	No. of LEDs	Illumination Level	Color Temperature	Voltage	Lens	Driver	Options
[Blank]=Standard **BAA**=Buy American Act	**FVS8**=High Abuse 8" wide Surface Luminaire	**M**=Moderate **P**=Premium (3)	**2**=2' length **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 **3**=3 rows LED module in X-section	**LO**=Low **STD**=Standard **HI**=High	**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) **EL14W**=14 watt EM Pack (1) **SHP**=Stainless steel, painted housing **SHB**=Stainless steel, brushed housing **OS1**=Internal Occupancy Sensor (behind lens), connected to one LED module. Specify 120 or 277 voltage. (2) **OS2**=Internal Occupancy Sensor (behind lens), connected to two LED modules. Specify 120 or 277 voltage. (2) **WL**=Wet location, listed under covered ceiling (FVS8P only) (3) **GW**=Gloss white finish on exposed surfaces **AM**=Anti-mircrobial finish on exposed surfaces **NTP**=Non-tamper proof screws
Notes (4) 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** (3) Only FVS8P is listed wet location under covered ceiling.									**Notes** (1) 2HI, 3STD, 3HI not available with EL7W or EL14W. (2) OS1 and OS2 require 120 or 277 to be specified in the ordering logic. (3) Only FVS8P is listed wet location under covered ceiling.

Product Specifications

Fasteners
- Captive, stainless steel tamperproof, T20 TORX ®-head 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.
- Projected life is 50,000 hours at 70% lumen maintenance.

Lens Retention
- The FVS8P double-wall lens channel captivates lens to prevent unauthorized fixture penetration. Screws along each side to ensure maximum lens captivation. FVS8M incorporates (2) tamper resistant screws, one on each endcap.

Transformer/Driver
- Electronic driver 120V-277V, 0-10V. Dimming available 10% and 1%.

Compliance
- UL listed for damp location, wet location listed under covered ceiling optional (FVS8P only).

Warranty
- 5 Year warranty on LED's and electrical. Lifetime warranty if fixture found to be inoperative due to physical abuse for duration of the installation.

Nominal Input Watts

View IES files

	Fixture Length	# Modules in Cross-Section/ Illumination Level	Nominal InputWatts	Nominal Delivered Lumens (4000K)
FVS8	2'	2LO	23.7	2781
		2STD	33.5	3718
		2HI	44.2	4540
		3LO	36.0	4163
		3STD	50.6	5537
		3HI	66.5	6449
	3'	2LO	40.7	5033
		2STD	54.7	6456
		2HI	69.3	7744
		3LO	61.5	7535
		3STD	82.5	9653
		3HI	104.9	11556
	4'	2LO	45.5	5675
		2STD	64.9	7601
		2HI	85.4	9295
		3LO	68.8	7959
		3STD	98.5	11392
		3HI	129.5	13841

- 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.

Approximate Lumen Multiplier

Tested with P125 lens	
P187	0.92
OPL	0.60

Approximate Color Temperature Multiplier

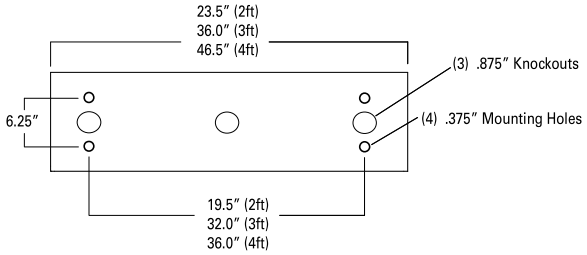
5000K	1.1
4000K	1.0
3500K	0.95
3000K	0.93

FVS8P	
Length	# Screws each side
2'	2
3'	2
4'	3
8'	5

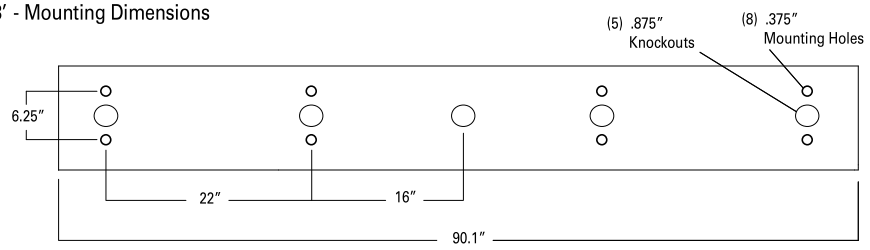
	FVS8P	FVS8M
Housing	16GA Steel	18GA Steel
Listing	UL listed Damp Location Wet Optional	UL listed Damp Location
Construction	Screws along fixture edge	Screws on Endcaps

Dimensional and Mounting Details

2',3',4' - Mounting Dimensions



8' - Mounting Dimensions



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Specifications and dimensions subject to change without notice.