

Project		Catalog #		Type	
Prepared by		Notes		Date	



Fail-Safe

FMB | Wall Mount

Correctional
2' and 4' Lengths;

Typical Applications

Correctional Facilities • Security • Inmate Cells • Psychiatric Wards • Secure Corridors • General Population Areas • Behavioral Health • Bathrooms • Factories

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- Product Warranty

Product Certification



Product Feature



IALDLIRC

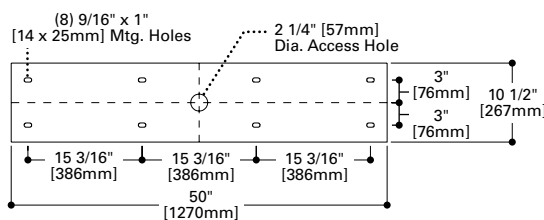
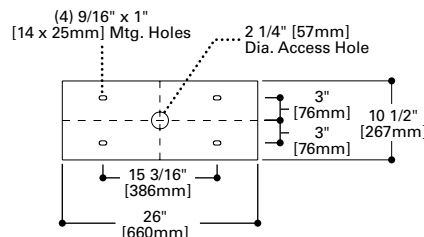
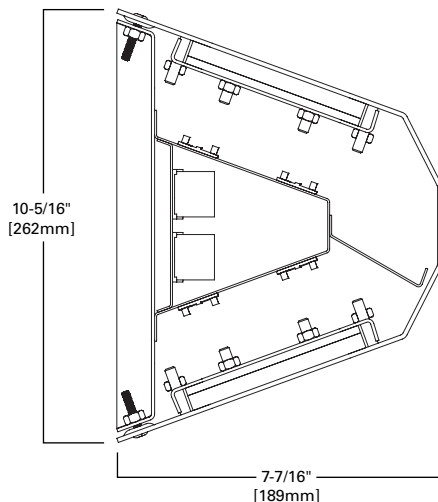


Designed to provide safe and convenient means of disconnecting power

Top Product Features

- Dedicated up/down LED chambers for varied illumination levels
- Brushed or painted stainless steel available
- Back plate forms an irretrievable blade trap
- LED night light, in up or down orientation
- High Security (HS) Option for use in behavioral health high risk areas
- Outer lens available with clear polycarbonate or tempered glass for multiple protection levels
- Options to meet Buy American Act requirements

Dimensional and Mounting Details



Order Information

SAMPLE ORDER NUMBER: **FMB-X-4-LD4-2STD/1STD-50-UNV-82/87-EDC1-EL10W**
FMB-D-4-LD4-1STD/1STD-40-UNV-80/86-EDD1-HS
FMB-D-4-LD4-0-2-STD-50-UNV-80/86-EDD-1-AM
FMB-S-4-LD4-1--LO-0-35-UNV-81/94-ED1D-SSP

Domestic Preferences	Housing	Length	LED	No. LEDs Up	Illumination Level Up	No. LEDs Down	Illumination Level Down	Color Temperature
Domestic Preferences ⁽⁷⁾	Housing	Length	LED	No. LEDs Up	Illumination Level Up	No. LEDs Down	Illumination Level Down	Color Temperature
[Blank] =Standard BAA =Buy American Act	S =12 ga. X =14 ga. D =16 ga.	2 =2' 4 =4'	LD4 =LED Version 4.0	0 =No Uplight 1 =(1) LED Module 2 =(2) LED Modules	[Blank] =No Uplight STD =Standard LO =Low HI =High	0 =No Downlight 1 =(1) LED Module Down 2 =(2) LED Modules Down	[Blank] =No Downlight STD =Standard LO =Low HI =High	30 =3000K 35 =3500K 40 =4000K 50 =5000K
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.								

Voltage	Inner/Outer Lens	Driver	No. of Circuits	Options	Accessories (order separately) ⁽⁸⁾	
Voltage	Inner/ Outer Lens	Driver	No. of Circuits	Options	Accessories (order separately) ⁽⁸⁾	
UNV =120V-277V 120 =120V 277 =277V 347 =347V ⁽⁶⁾	Fixture Side 80 =0.125 Prismatic Acrylic 81 =0.156 Prismatic Polycarbonate 82 =0.187 Prismatic Polycarbonate	Environment Side 84 =.125 Clear Polycarbonate 85 =.187 Clear Polycarbonate 86 =.250 Clear Polycarbonate 87 =.375 Clear Polycarbonate 88 =.500 Clear Polycarbonate 94 =.187 Clear Tempered Glass 96 =.250 Clear Tempered Glass 98 =.500 Clear Tempered Glass	Electronic Driver, EDC =Electronic Driver, 0-10V Non-Dimming ⁽⁵⁾ EDD =Electronic Driver, 0-10V Dimming 10% ED1D =Electronic Driver, 0-10V Dimming 1%	1 =1 Circuit 2 =2 Circuits	GLR =Fuse and Holder ⁽⁶⁾ EL7W =7W EM Pack ^{(1),(3),(6)} EL10W =10W EM Pack ^{(1),(3),(6)} EL14W =14W EM Pack ^{(1),(3),(6)} LLNL =Linear LED NightLight Dimmable ^{(2),(3),(4),(6)} SSN =Stainless Steel, Brushed Finish SSP =Stainless Steel, Polyester Powder Coat Finish AM =AntiMicrobial Matte White Paint MW =Matte White Paint SF3 =Allen-Head (center pin reject) 90 =90CRI HS =High Security for use in ⁽⁹⁾ Behavioral Health High Risk Areas. The Outer/Environmental Side Lens option requires minimum thickness of .250" Polycarbonate (2' length only)	9306 =Allen-Head Wrench VRSD =T20 Center Pin Tamperproof TORX® - head screwdriver
Notes (6) 347 emergencies not available. 2ft length with LLNL is not available with 347. GLR not available with 347.		Notes (5) Dimming driver standard. EDC, low voltage dimming leads not connected. ED, low voltage leads connected and presented at wiring access point.		Notes (1) EM not available in "HI" illumination level. (2) LLNL not available in "2/Hi/Hi" illumination level. (3) EM is only available in (1up/down, 1Circuit). (4) LLNL defaults to "up" orientation. For LLNL to be in "down" orientation, specify LLNL.D. (6) 347 emergencies not available. 2ft length with LLNL is not available with 347. GLR not available with 347. (9) HS, High Security used in Behavioral High Risk Areas where self-harm is a concern. Housing 16ga, 14ga, or 12ga options. Outer Lens must be minimum 0.250" clear polycarbonate. Glass lens is not available with HS.	Notes (8) Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.	

Product Specifications

Application

- Confinement/correctional luminaire suitable for use in:
 - Inmate cells, psychiatric wards, secure corridors, general population areas

Housing

- Clamshell Design; Die-formed 12-, 14 or 16-gauge CRS body construction
- One-piece, seamless, doorless housing
- Continuous welded and ground ends
- Maximum impact resistance and prevention of unauthorized fixture penetration
- Dedicated up/down illumination chambers
- LED nightlight in up or down orientation
- High gloss, electrostatically applied, White powder coat finish
- Average minimum reflectance 92%

Fasteners

- Stainless steel tamper-resistant T20 TORX® screws with center pin reject standard
- Allen head screws with center pin reject optional

Backplate

- Die-formed CRS 14-gauge
- Forms an irretrievable blade trap to prevent contraband concealment

Lens and Lens Retention

- Choice of prismatic acrylic or prismatic polycarbonate on fixture side
- Clear polycarbonate or clear tempered glass on environmental side (see lens options)
- Lens secured by thru-studs
- Vertically adjustable internal CRS hold-downs

LEDs

- Available in 3000K, 3500K, 4000K and 5000K; 85 CRI minimum
- Choice of Standard, Low, or High illumination levels
- Projected life is 50,000 hours at 70% lumen maintenance

Electrical

- Electronic driver 120-277V, dimming driver standard
- 0-10V dimming down to 1% or 10%
- Non-dimming available

Compliance

- cULus listed for damp locations

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 (80/86 Shielding)

 [View IES files](#)

Fixture Length	Up				Fixture Length	Down			
	# Modules Up	Level	Nominal Input Watts	Nominal Delivered Lumens		# Modules Up	Level	Nominal Input Watts	Nominal Delivered Lumens
2'	1	LO	13.1	880	2'	1	LO	13.1	880
	1	STD	18.3	1263		1	STD	18.3	1263
	1	HI	23.6	1510		1	HI	23.6	1510
	2	LO	26.2	1735		2	LO	26.2	1735
	2	STD	36.6	2503		2	STD	36.6	2503
	2	HI	47.2	3054		2	HI	47.2	3054
4'	1	LO	26.2	1760	4'	1	LO	26.2	1760
	1	STD	36.6	2475		1	STD	36.6	2475
	1	HI	47.2	3131		1	HI	47.2	3131
	2	LO	52.4	3470		2	LO	52.4	3470
	2	STD	73.2	5038		2	STD	73.2	5038
	2	HI	94.4	6215		2	HI	94.4	6215

Nominal input wattage values include LED voltage, drive current, 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.