

Medium & Maximum Security Luminares: MX-S-1X1-LED

Medium/Maximum Security Luminares

- Doorframe constructed of steel available in 16Ga, 14Ga, 12Ga
- Available with up to 5/8” lensing.
- Electrical gear tray houses all electrical components. Removable without tools for quick maintenance.
- Surface mounted seam welded housing available in 16Ga, 14Ga, and 12Ga steel.
- Available with dedicated night light circuit
- B.A.A. & B.A.B.A Compliant & Made in the USA by a Family Owned US Corporation



*Shown with PHD Option



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ORDERING GUIDE

Series	Material	Size	Light Intensity	CCT/CRI	Voltage	Optics	Options
						(Outside)	(Inside)
MX-S		1X1					
Series	Material	Size	Light Intensity	CCT/CRI	Voltage	Optics	Options
MX-S	DOOR / HOUSING	1X1 1' x 1' Housing	LO Low Output	835 3500K	120V	INSIDE (DIFFUSED)	FC Fuse & Holder (One Supplied Per Circuit)
	12C* 12 GA CRS Painted White		MED Medium Output	840 4000K	277V	125FA 0.125" Frosted Flat Acrylic	10KV 10kv Parallel Surge Protection
	14C 14 GA CRS Painted White		HI High Output	850 5000K	UNV	125PA 0.125" Prismatic Acrylic	TOOL Tamper Resistant Bit Provided
	16C* 16 GA CRS Painted White White AM Alum Door		LO/NL** Low Output with Sperate Night Light Circuit		347V	125PP 0.125" Prismatic Polycarbonate	AH Allen Head CRP Screws
	Subject to MOQ					GH85 Glare Suppression Overlay	PHD Plano Hinge Door
						OUTSIDE (NON-DIFFUSED)	AMW Anti-Microbial White Powdercoat
						125CFP 0.125" Clear Flat Polycarbonate	Pxl* Programmed to User Specified Lumen Value.
						156CFP 0.156" Clear Flat Polycarbonate	PxW* Programmed to User Specified Wattage Value.
						187CFP 0.187" Clear Flat Polycarbonate	EM6** 6W Integral Emergency Battery
						250CFP 0.250" Clear Flat Polycarbonate	
						375CFP 0.375" Clear Flat Polycarbonate	
						500CFP 0.500" Clear Flat Polycarbonate	
						156FTG 0.156" Clear Flat Tempered Glass	
						250FTG 0.250" Clear Flat Tempered Glass	
						500FTG 0.500" Clear Flat Tempered Glass	
						Note*: Must be ordered with non-diffused lensing	

Ordering Notes, If Applicable

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SPECIFICATIONS

GEARTRAY: All electrical components are installed on electrical gear tray. Gear tray is secured to the luminaire with (4) thumb screws and is quickly removable for quick field service or replacement.

DOOR FRAME: One piece die formed and seam welded doorframe is secured flush to housing with #10 stainless steel captive Torx with reject pin screws. Available in 16ga, 14ga, or 12ga CRS and optionally available with concealed staked piano hinge. See options for alternate fasteners.

HOUSING: One piece housing is die formed and seam welded. Available in 16ga, 14ga, and 12Ga CRS.

FINISH: All materials are provided with gloss high reflectance white polyester powder coat with 1000hr salt spray test per ASTM B117. AMW option provides a white anti-microbial polyester powder coat to all exposed surfaces.

LENSING: Lensing is mechanically secured to door frame with #10 studs. Specify up to 2 lensing combining up to 5/8" thickness.

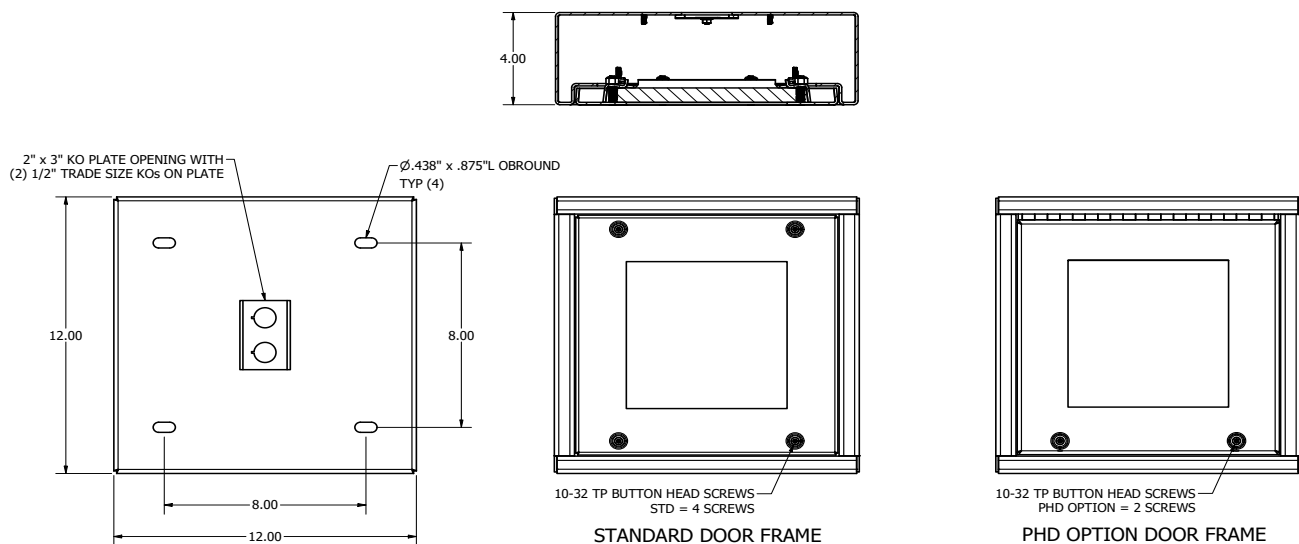
INSTALLATION: Available in surface installations. Provided with 7/16" x 7/8" oblong mounting holes on back of enclosure. Supply Access through a 3" x 2" hole centered on back of luminaire, Access hole is covered with a KO plate which has (2) 1/2" knockouts.

LEDS: Available in 3 standard lumen packages. PXL or PXW options allow for a specified lumen or wattage selection. LO/NL option provides the standard LO output option along with a separately switched amber night light circuit.

ELECTRICAL: 0-10V dimming drivers dim to 1% standard, other controls available in options. When ordered with LO/NL option a second 0-10v dimming power supply will be provided.

LISTINGS: This product Series is both Build America Buy America (B.A.B.A.) & Buy American Act (B.A.A.) compliant.

PRODUCT DRAWINGS



Medium & Maximum Security Luminaires: MX-S-1X1-LED

Medium/Maximum Security Luminaires

ENERGY DATA

MX-S-1X1-LED TROFFER (APPROX ¹ LUMENS DELIVERED)							
ENCLOSURE SIZE	LIGHT PACKAGE	LENS OPTION		80 CRI (3500K - 5000K)			STANDARD DIMMING
		OUTSIDE	INSIDE	LUMENS ¹	WATTS ²	EFFICACY ³	
1X1	LO	125CFP	125PP	1,370	20	69	0-10V 1%
1X1	MED	125CFP	125PP	1,950	30	65	0-10V 1%
1X1	HI	125CFP	125PP	2,900	45	64	0-10V 1%
1X1	NL (AMBER)	125CFP	125PP	250	9	28	0-10V 1%

¹ WATTAGE IS MEASURED WITH 4000K SELECTION @ 120vAC AND Tambient = 25C. WATTAGES MAY VARY WITH ALTERNATE CONFIGURATIONS

² EFFICACY CALCULATED USING 4000K CCT DATA.