# FAIL-SAFE

The Fail-Safe FMR combines maximum security construction features with energy saving technology. This recessed luminaire is designed for applications utilizing solid ceiling plaster or drywall construction. Luminaire utilizes a one-piece overlapping door frame, security lensing and tamper-resistant fasteners to maximize impact-resistance and prevent contraband concealment and unauthorized fixture penetration. UL/cUL listed for damp locations. The FMR is ideal for confinement/ security applications. Suitable for use in inmate cells, psychiatric wards, secure corridors and general population areas.

Catalog #	Туре
Project	
Comments	Date
Prepared by	

# SPECIFICATION FEATURES

#### **Fasteners**

Stainless steel tamper-resistant T20 TORX® screws with center pin reject standard. Allen-head screws with center pin reject optional (SF3).

### Housing

Die-formed CRS body with welded corners to form a onepiece housing which prevents contraband concealment and unauthorized fixture penetration.

# **Finish**

High gloss, electrostatically applied, white powder coat finish, average minimum reflectance 92%.

#### Hinge

Concealed piano hinge optional.

#### Door

One-piece, CRS door frame (12, 14, 16 or 18 ga.) with die-formed edges and tightly closed corners increases rigidity. Aircraft cable secures door to housing.

#### Light Mask

Gasketing surrounds door frame and prevents light leaks.

# Mounting

Specify Yoke Mounting Frame (YMF) or Swing-Out Brackets (SWBR).

# Mounting Yoke Assembly

16 ga., galvanized steel plaster frame assembly (see Accessories).

#### Lens

Choice of prismatic acrylic, prismatic polycarbonate or prismatic tempered glass on fixture side, clear polycarbonate or clear tempered glass on environmental side.

# Lamps

By others.

# Lens Retention

Lens secured by thru-studs and vertically adjustable internal CRS hold-downs.

# Ballast

Electronic Class P, CBM/ETL ballast.

# Labels

UL/cUL listed for damp location. Wet location under covered ceiling optional.

# FMR12

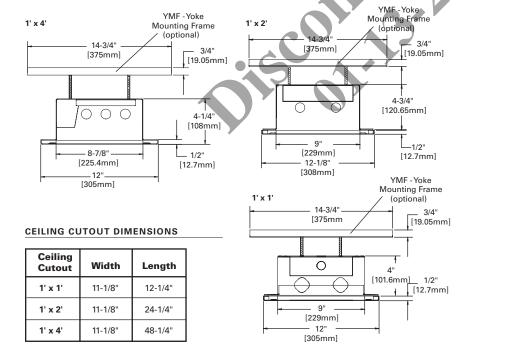
1 x 2 1 x 4 Biaxial Quad TT

**T5** 

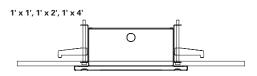
T8 Fluorescent Confinement/Correctional

RECESSED FLANGE

# CROSS-SECTION DIMENSIONS / SHOWN WITH OPTIONAL YOKE MOUNTING FRAME - YMF



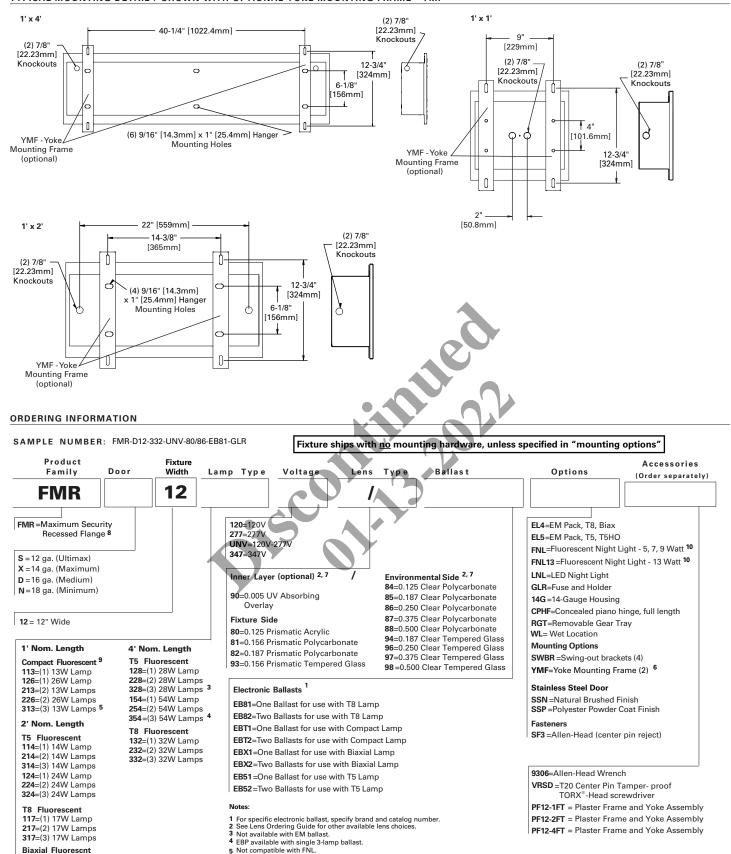
# OPTIONAL SWING-OUT BRACKET (SWBR)



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# TYPICAL MOUNTING DETAIL / SHOWN WITH OPTIONAL YOKE MOUNTING FRAME - YMF





140BX=(1) 40WLamp

240BX=(2) 40W Lamps

out-board holes in the YMF.

9 Compact fluorescent - "twin-tube" lamps only.

6 Yoke Mounting Frame consists of (2) C-channel frames 14-3/4" length, with (4) 3-1/2" bolts and nuts to attach the YMF to the fixture housing. Installer typically attaches the YMFs to a rigid structure above, using the (2)

7 See Lens Ordering Guide (on website) for additional lens choices
8 Fixture does not include mounting hardware. SWBR, YMF options, or PF accessory required.