The Fail-Safe FMR combines maximum security construction features with energy saving technology. This recessed 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

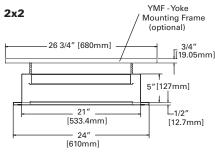
UL/cUL listed for damp locations. Wet location under covered ceiling optional.

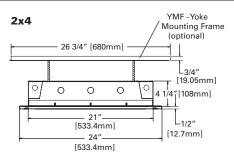
# FMR24

2 x 2
2 x 4
T5
Biaxial
T8
Fluorescent
Confinement/Correctional

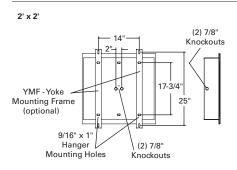
RECESSED FLANGE

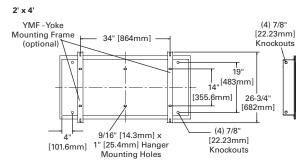
# CROSS-SECTION DIMENSIONS / SHOWN WITH OPTIONAL YOKE MOUNTING FRAME - YMF





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





# OPTIONAL SWING-OUT BRACKET (SWBR)



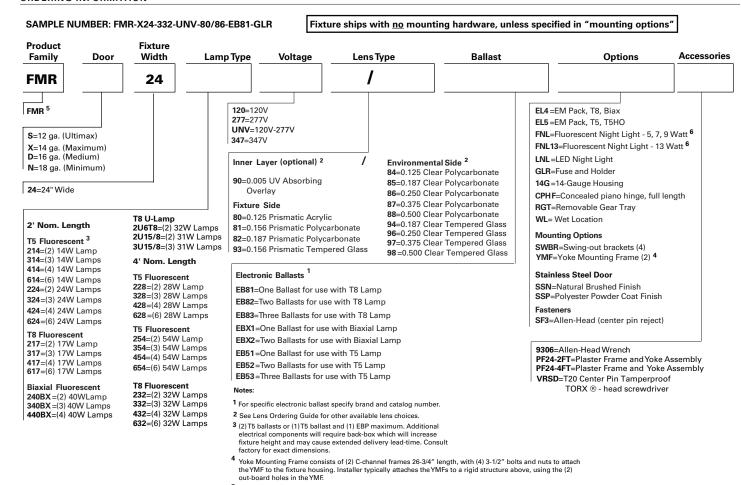
# CEILING CUTOUT DIMENSIONS

Ceiling Cutout	Width	Length
2' x 2'	23-1/4"	24-1/4"
2' x 4'	23-1/4"	48-1/4"

TORX® is a registered trademark of Camcar Division of Textron Inc.

Electronic Ballast Data Consult Cooper Lighting Representative

#### ORDERING INFORMATION



<sup>5</sup> Fixture does not include mounting hardware. SWR,YMF options or PF accessory required.

6 Voltage specific.