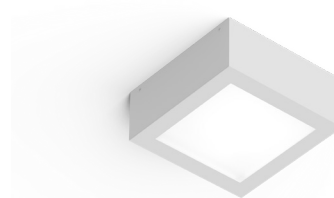


# 53M FLUORESCENT SERIES

PROJECT: \_\_\_\_\_  
 TYPE: \_\_\_\_\_  
 PRODUCT: \_\_\_\_\_  
 APPROVED BY: \_\_\_\_\_

## PRODUCT FEATURES

- Intended for Minimum to Supermax Correctional Facilities, Detention Centers, Catwalks, Dayrooms, and more
- Available in 1x1, 1x2, 1x4, 2x2, 2x4 for surface mount installation
- Removable reflector unitized with all electrical components for easy installation and maintenance
- This product is Made in America and complies with the Buy American Act, and the Build America, Buy America Act



53M Fluorescent Series

## ORDERING INFORMATION

Example: 53MF12-A-L240-1C-B/A-UN



53MF					
Series	Size*	Gauge	# of Lamps	Lamp Type	# of Ballasts
	<b>11</b> = 1x1 <b>12</b> = 1x2 <b>14</b> = 1x4  <small>*Nominal Size. Dimensional Data on Page 2.</small>	<b>A</b> = 12Ga. CRS Painted <b>B</b> = 14Ga. CRS Painted <b>C</b> = 16Ga. CRS Painted <b>D</b> = 18Ga. CRS Painted <b>E</b> = 14Ga. SS Brushed <b>F</b> = 16Ga. SS Brushed <b>G</b> = 18Ga. SS Brushed <b>H</b> = 14Ga. SS Painted <b>J</b> = 16Ga. SS Painted <b>K</b> = 18Ga. SS Painted	<b>5311:</b> <b>1</b> = 1 Lamp <b>2</b> = 2 Lamps  <b>5312-5314:</b> <b>2</b> = 2 Lamps <b>3</b> = 3 Lamps	<b>11:</b> <b>26</b> = 26W Triple Gx24q-3 <b>6Q</b> = 26W Quad Gx24q-3 <b>32</b> = 32W Triple Gx24q-3 ( ) <b>42</b> = 42W Triple Gx24-q4()  <b>12:</b> <b>17</b> = Linear 17W T8 <b>14</b> = Linear 14W T5 <b>24</b> = Linear 24W T5 HO	<b>14:</b> <b>32</b> = 32W T8 <b>28</b> = 28W T5 <b>54</b> = 54W T5 HO
					<b>1</b> = 1 Ballast <b>2</b> = 2 Ballasts

<b>Outer Lens</b> <b>0</b> = No Lens <b>A</b> = .125 Clear Poly. <b>B</b> = .156 Clear Poly. <b>1</b> = .187 Clear Poly. <b>2</b> = .250 Clear Poly. <b>3</b> = .375 Clear Poly. <b>5</b> = .187 Clear Temp. Glass <b>6</b> = .250 Clear Temp. Glass <b>7</b> = .375 Clear Temp. Glass* <b>8</b> = .500 Clear Temp. Glass* <b>9</b> = .750 Clear Temp. Glass*  <small>*Must use with 12Ga. or 14Ga. frame</small>	<b>Inner Lens</b> <b>A</b> = .125 Prismatic Acrylic <b>B</b> = .125 Prismatic Poly. <b>C</b> = .156 Prismatic Poly. <b>D</b> = .187 Prismatic Poly. <b>F</b> = .156 Prismatic Acrylic <b>G</b> = .140 DR Acrylic*  <small>*Not rated for Wet Locations.</small>	<b>Voltage</b> <b>12</b> = 120V <b>27</b> = 277V <b>34</b> = 347V <b>UN</b> = Universal (120V - 277V)	<b>Options</b> <b>DB</b> = Dimming Ballast (0-10V)* <b>E1</b> = Emerg. Ballast (450lm)*** <b>E2</b> = Emerg. Ballast (1350lm)*** <b>PR</b> = Program Rapid Start <b>AH</b> = Allenhead Screws with center pin reject <b>FZ</b> = Fuse* <b>UV</b> = .005 UV Absorbing Overlay <b>NL</b> = Night Light*  <small>*Cannot use with UN voltage          ** Consult factory for T5 availability</small>

# 53M FLUORESCENT SERIES



## SPECIFICATIONS

**HOUSING:** Die-formed, seam welded, and ground smooth cold rolled steel or stainless steel clamshell design. Incorporates a removable reflector unitized with all electrical components for easy installation and maintenance. Clamshell design incorporates a contraband drop slot gap between the ceiling and back of fixture.

**BACKPLATE:** Die-formed with contraband drop slot and embossed mounting holes (material to match housing). Security caulking between ceiling and fixture is not required with this backplate design.

**HINGE:** 16-Gauge full length continuous, staked piano hinge with welded ends to prevent removal (material to match housing).

**LENS:** Outer and Inner lens options secured by "Z" retainers with weld studs spaced six inches apart for maximum strength.

**ELECTRICAL:** 120-277VAC or 347VAC, 50/60HZ electrical input high power factor electronic, constant current driver (<20% THD, >0.9 PF). Standard 0-10V driver provided. Optional dimming function with 10-100% range (DM) or 1-100% range (DM1).

**FASTENERS:** Tamper-resistant Torx® head fasteners.

**FINISH:** White powder coat finish following iron phosphate pre-treatment.

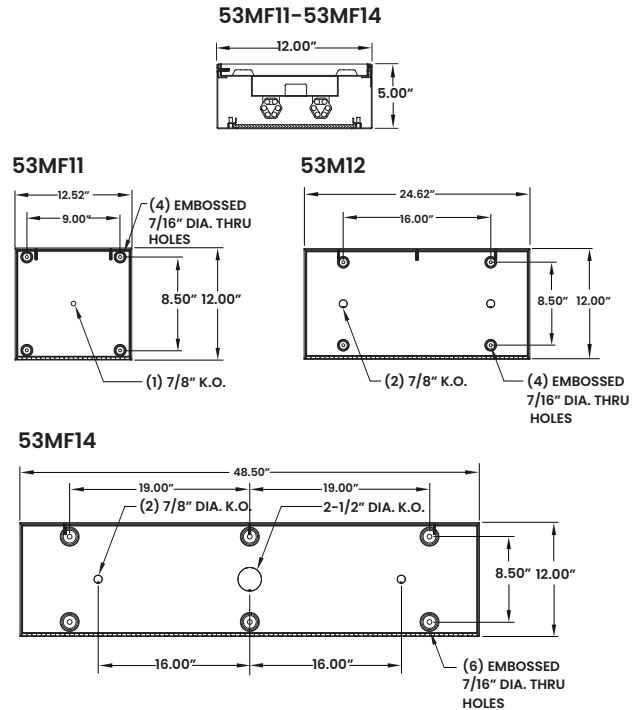
**GASKET:** Black neoprene gasket around doorframe to prevent light leaks.

**MOUNTING:** Surface installation.

**WARRANTY:** New Star Promise.

**LABEL:** Fixture is certified to UL Standards. Suitable for Wet Locations. This product is Made in America and complies with the Buy American Act, and the Build America, Buy America Act.

## DIMENSIONAL DATA



The 53M Fluorescent Series is covered by our New Star Promise.

Our promise means we will repair or replace any of our High Abuse or Vandal-Resistant architectural luminaires when installed according to our instructions for the life of the original installation if the fixture should fail due to physical abuse\*.

\*Damage caused by gunfire and chemical reactions is not covered by the New Star Promise.

Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative.

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