

## DESCRIPTION

The Fail-Safe FMSC combines maximum security construction features with energy saving technology. This surface mounted luminaire utilizes a one-piece clamshell housing, security lensing and tamper-resistant fasteners to maximize impact resistance and prevent unauthorized fixture penetration. Ceiling mount, UL/cUL listed for damp locations. The FMSC is ideal for confinement/security applications. Suitable for use in inmate cells, psychiatric wards, secure corridors and general population areas.

Catalog #		Type
Project		
Comments		Date
Prepared by		

## SPECIFICATION FEATURES

### Fasteners

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

### Housing

One-piece, die-formed, CRS with continuous welded ends to form a one-piece, seamless clamshell housing for maximum impact resistance and prevention of unauthorized fixture penetration.

### Finish

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

### Back Pan

16 ga. CRS. 14 ga. optional.

### Hinge

Full length concealed piano hinge standard.

### Gasketing

Black gasket prevents light leaks from fixture base.

### Lens

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

### 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

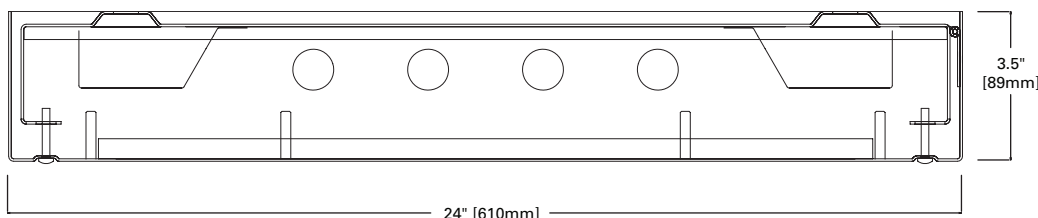
UL/cUL listed for damp locations. Wet location under covered ceiling optional.



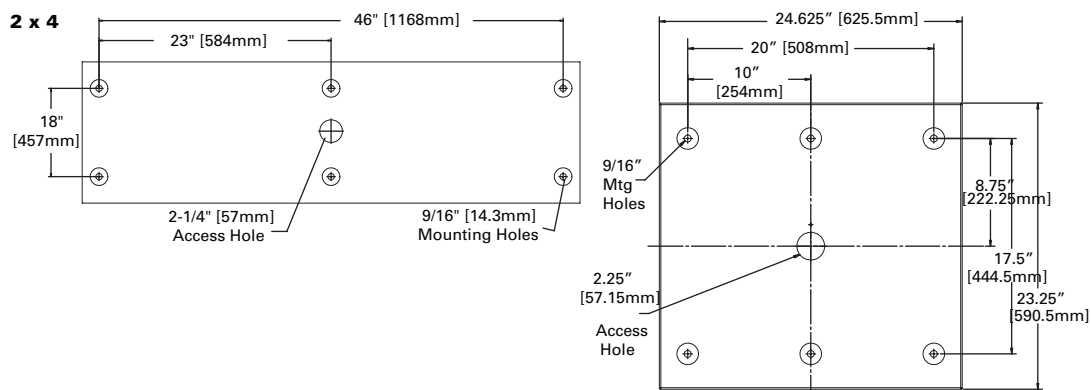
## FMSC24

Biaxial  
T5  
T8  
Fluorescent  
Confinement/Correctional

SURFACE



## MOUNTING DIMENSIONS



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

## RATINGS

UL/cUL listed  
Damp location  
Wet location (Optional)

ORDERING INFORMATION

SAMPLE NUMBER: FMSC-X24-632-UNV-82/87-EB82-FNL13-CPHF

Product Family	Steel Gauge	Fixture Width	Lamp Qty/Type	Voltage	Lens / Type	Ballast	Options
<b>FMSC</b> <sup>1</sup>		<b>24</b>			<b>/</b>		
<b>FMSC</b> =Maximum Security Surface Luminaire  <b>S</b> =12 ga. (Ultimax) <b>X</b> =14 ga. (Maximum) <b>D</b> =16 ga. (Medium) <b>N</b> =18 ga. (Minimum)		<b>24</b> = 24" Wide		<b>120</b> =120V <b>277</b> =277V <b>UNV</b> =120V-277V <b>347</b> =347V	<b>Inner Layer (optional)</b> / <b>90</b> =0.005 UV Absorbing Overlay <b>Fixture Side 4</b> <b>80</b> =0.125 Prismatic Acrylic <b>81</b> =0.156 Prismatic Polycarbonate <b>82</b> =0.187 Prismatic Polycarbonate <b>84</b> =0.125 Clear Polycarbonate <b>93</b> =0.156 Prismatic Tempered Glass	<b>Environmental Side 4</b> <b>84</b> =0.125 Clear Polycarbonate <b>85</b> =0.187 Clear Polycarbonate <b>86</b> =0.250 Clear Polycarbonate <b>87</b> =0.375 Clear Polycarbonate <b>88</b> =0.500 Clear Polycarbonate <b>94</b> =0.187 Clear Tempered Glass <b>96</b> =0.250 Clear Tempered Glass <b>97</b> =0.375 Clear Tempered Glass <b>98</b> =0.500 Clear Tempered Glass	<b>EL4</b> =EM Pack, T8, Biax <sup>5</sup> <b>EL5</b> =EM Pack, T5, T5HO <sup>5</sup> <b>FNL</b> =Fluorescent Night Light 5, 7 or 9 Watt <sup>5</sup> <b>FNL13</b> =Fluorescent Night Light, 13W <sup>5</sup> <b>LNL</b> =LED Night Light <sup>5</sup> <b>GLR</b> =Fuse and Holder <b>14G</b> =14 Gauge Back Pan  <b>Stainless Steel Fixture</b> <b>SSN</b> =Natural Brushed Finish <b>SSP</b> =Polyester Powder Coat Finish <b>Fasteners</b> <b>SF3</b> =Allen-Head (center pin reject)
<b>2' Nom. Length</b> <b>T5 Fluorescent</b> <sup>2</sup> <b>214</b> =(2) 14W Lamp <b>314</b> =(3) 14W Lamps <b>414</b> =(4) 14W Lamps <b>224</b> =(2) 24W Lamps <b>324</b> =(3) 24W Lamps <b>424</b> =(4) 24W Lamps  <b>T8 Fluorescent</b> <b>217</b> =(2) 17W Lamps <b>317</b> =(3) 17W Lamps <b>417</b> =(4) 17W Lamps <b>617</b> =(6) 17W Lamps  <b>Biaxial Fluorescent</b> <b>240BX</b> =(2) 40WLamps <b>340BX</b> =(3) 40W Lamps  <b>T8 U Lamp</b> <b>2U6T8</b> =(2) 32WLamps <b>2U15/8</b> =(2) 31W Lamps <b>3U15/8</b> =(3) 31W Lamps		<b>4' Nom. Length</b> <b>T5 Fluorescent</b> <b>228</b> =(2) 28W Lamps <b>328</b> =(3) 28W Lamps <b>428</b> =(4) 28W Lamps <b>628</b> =(6) 28W Lamps <b>254</b> =(2) 54W Lamps <b>354</b> =(3) 54W Lamps <b>454</b> =(4) 54W Lamps <b>654</b> =(6) 54W Lamps  <b>T8 Fluorescent</b> <b>232</b> =(2) 32W Lamps <b>332</b> =(3) 32W Lamps <b>432</b> =(4) 32W Lamps <b>632</b> =(6) 32W Lamps		<b>Notes:</b> <b>1</b> Not suitable for continuous row mount. Surface conduit not to be used for power entry. <b>2</b> (2)T8 ballasts or (1)T5 or T5HO ballast and (1) EBP maximum. <b>3</b> For specific electronic ballast, specify brand and catalog number. <b>4</b> Refer to Lens Ordering Guide for additional lens choices. <b>5</b> Specify voltage.			
				<b>Electronic Ballasts</b> <sup>3</sup> <b>EB81</b> =One Ballast for use with T8 Lamp <b>EB82</b> =Two Ballasts for use with T8 Lamp <b>EB83</b> =Three Ballasts for use with T8 Lamp <b>EBX1</b> =One Ballast for use with Biaxial Lamp <b>EBX2</b> =Two Ballasts for use with Biaxial Lamp <b>EB51</b> =One Ballast for use with T5 Lamp <b>EB52</b> =Two Ballasts for use with T5 Lamp <b>EB53</b> =Three Ballasts for use with T5 Lamp			
				<b>Accessories (order separately)</b>  <b>9306</b> =Allen-Head Wrench <b>VRSD</b> =T20 Center Pin Tamper-proof TORX <sup>®</sup> -Head screwdriver			