

DESCRIPTION

The Fail-Safe FUSL combines maximum security construction features with energy saving technology. This surface mounted luminaire utilizes a four-sided, sloped clamshell housing, security lensing and tamper resistant fasteners to maximize impact resistance and prevent contraband concealment and unauthorized fixture penetration. ETL listed for damp locations, optional wet location under covered ceiling. The FUSL is ideal for confinement/security applications. Suitable for use in inmate cells, psychiatric wards, secure corridors and general population areas.

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

Clamshell design combines die-formed 12, 14, 16 or 18 ga. CRS body with continuous welded and ground ends to form a one-piece, seamless, doorless housing which maximizes impact resistance and prevents contraband concealment and unauthorized fixture penetration.

Finish

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

Hinge

Concealed piano hinge leaves no exposed parts for weapon fabrication and facilitates maintenance.

Backplate

Die-formed CRS backplate forms an irretrievable blade trap to prevent contraband concealment.

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 Ordering Guide.

Lamps

By others.

Catalog

Project

Comments

Prepared by

Type

Date

Lens Retention

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

Ballast

Electronic Class P, CBM/ETL ballast.

Labels

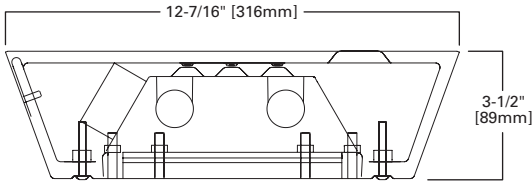
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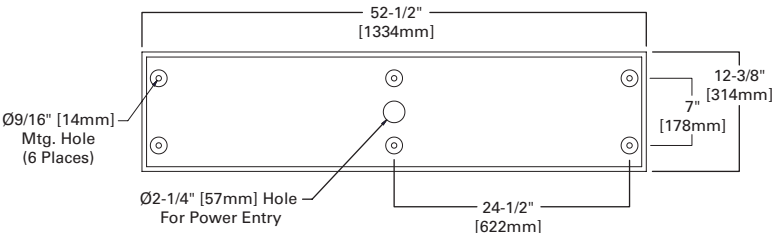
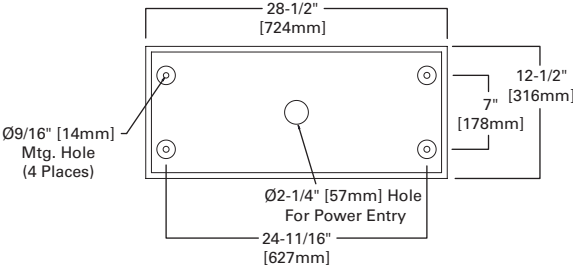
FUSL12

Biaxial
T8
T5
Fluorescent
Confinement/Correctional

SURFACE



MOUNTING DIMENSIONS



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

ORDERING INFORMATION

SAMPLE NUMBER: FUSL-S12-332-UNV-82/96-EB82

Product Family	Steel Gauge	Fixture Width	Lamp Type	Voltage ²	Lens Type ⁶	Ballast	Options
FUSL		12			/		
FUSL =Ultimax Surface Luminaire S = 12 ga. (Ultimax) X = 14 ga. (Maximum) D = 16 ga. (Medium) N = 18 ga. (Minimum) 12 = 12" Wide			120 =120V 277 =277V UNV =120V-277V		Inner Layer (optional) / Environmental Side 90 =0.005 UV Absorbing Overlay 84 =0.125 Clear Polycarbonate 85 =0.187 Clear Polycarbonate 86 =0.250 Clear Polycarbonate 87 =0.375 Clear Polycarbonate 88 =0.500 Clear Polycarbonate 94 =0.187 Clear Tempered Glass 96 =0.250 Clear Tempered Glass 97 =0.375 Clear Tempered Glass 98 =0.500 Clear Tempered Glass Fixture Side 80 =0.125 Prismatic Acrylic 81 =0.156 Prismatic Polycarbonate 82 =0.187 Prismatic Polycarbonate 93 =0.156 Prismatic Tempered Glass Electronic Ballasts ¹ EB51 =One Ballast for use with T5 Lamp EB52 =Two Ballasts for use with T5 Lamp EB81 =One Ballast for use with T8 Lamp EB82 =Two Ballasts for use with T8 Lamp EBT2 =Two Ballasts for use with Compact Lamp EBX1 =One Ballast for use with Biaxial Lamp EBX2 =Two Ballasts for use with Biaxial Lamp		EL4 =EM Pack, T8 ⁷ EL5 =EM Pack, T5, T5HO ⁷ FNL =Fluorescent Night Light (5, 7, 9W) ⁷ FNL13 =Fluorescent Night Light (13W) ⁷ LNL =LED Night Light ⁷ GLR =Fuse and Holder WL =Wet Location On/Off Switches SPS =Security Push Button ³ AM =Anti-microbial Finish MW =Matte White Powder Coat White Stainless Steel Outer Housing SSN =Natural Brushed Finish SSP =Powder Coat Paint White Finish Fasteners SF3 =Allen-Head (center pin reject)
2' Nom. Length T8 Fluorescent 117 =(1) 17W Lamp 217 =(2) 17W Lamps 317 =(3) 17W Lamps ⁵ T5 Fluorescent 114 =(1) 14W Lamp 214 =(2) 14W Lamps 124 =(1) 24W Lamps 224 =(2) 24W Lamps 314 =(3) 14W Lamps ^{4, 5} 324 =(3) 24W Lamps ^{4, 5} Biaxial Fluorescent 140BX =(1) 40W Lamp 240BX =(2) 40W Lamps			4' Nom. Length T8 Fluorescent 132 =(1) 32W Lamp 232 =(2) 32W Lamps 332 =(3) 32W Lamps T5 Fluorescent 128 =(1) 28W Lamp 154 =(1) 54W Lamps 228 =(2) 28W Lamps 254 =(2) 54W Lamps 328 =(3) 28W Lamps 354 =(3) 54W Lamps		Accessories (order separately) 9306 =Allen-Head Wrench VRSD =T20 Center Pin Tamper-proof TORX -Head'screwdriver		

Notes:
 1 For specific electronic ballast, specify brand and catalog number.
 2 Products also available in non-US voltages and 50 Hz for international markets. Consult your Cooper Lighting Representative for availability and ordering information.
 3 120V only.
 4 No Emergency Battery Pack.
 5 FNL or LNL not available.
 6 Refer to Lens Ordering Guide for additional lens choices.
 7 Specify voltage.