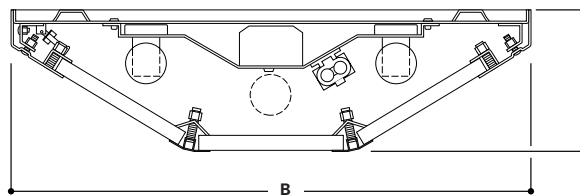# FAIL-SAFE®

FCT

28W-120W
Fluorescent

ULTIMAX SURFACE LUMINAIRE

- Lens choice of prismatic acrylic, prismatic poly-carbonate or prismatic tempered glass on fixture side, clear polycarbonate or clear tempered glass on environmental side

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

- Clamshell design combines die-formed 12, 14 or 16 ga. CRS body with continuous welded and ground 12 ga. ends. Standard white high reflectance polyester powder coat finish

- Lamps by others

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

- Internal security hinge

- Die-formed CRS backplate (gauge to match housing)

- Standard Class P, CBM/ETL ballast
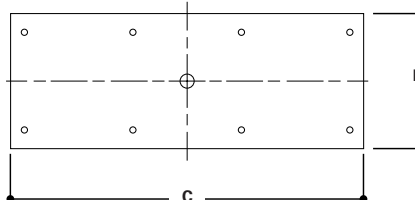
- U.L. listed, C.S.A. certified standard damp label

DESCRIPTION

The Fail-Safe FCT Series combines maximum security construction features with energy saving technology. This low profile surface mounted luminaire has a clamshell housing, security lensing and tamper resistant fasteners to maximize impact resistance and prevent contraband concealment and unauthorized fixture penetration. Can be ceiling or wall mounted. An emergency battery pack is available as an option. U.L. listed and C.S.A. certified for damp locations.

DIMENSIONS

MOUNTING

	A	B	C
2' Nom. Length	4 7/8" (124mm)	19 7/16" (494mm)	26 1/4" (667mm)
4' Nom. Length	4 7/8"" (124mm)	19 7/16" (494mm)	50 1/4" (1276mm)

ORDERING INFORMATION

SAMPLE NUMBER: FCT-S-340-277-80/86-LE3-TCS

Product Family Surface Luminaires
FCT-S=12 ga. (Ultimax)
FCT-X=14 ga. (Maximum)
FCT-D=16 ga. (Medium)

Lamp Type 2' Nom. Length

T5 Fluorescents
214=(2) 14W Lamps
314=(3) 14W Lamps

T8 Fluorescents
217=(2) 17W Lamps
317=(3) 17W Lamps

T12 Fluorescents²
220=(2) 20W Lamps
320=(3) 20W Lamps

Biaxial Fluorescents
240BX=(2) 40W Lamps
340BX=(3) 40W Lamps

4' Nom. Length

T5 Fluorescents
228=(2) 28W Lamps
328=(3) 28W Lamps

T8 Fluorescents
232=(2) 32W Lamps
332=(3) 32W Lamps

T12 Fluorescents
240=(2) 40W Lamps
340=(3) 40W Lamps

Voltage
120=120V
277=277V
UNV=120V through 277V

Lens Type Inner Layer (optional)
90=.005 UV Absorbing Overlay

Fixture Side
80=.125 Prismatic Acrylic
81=.156 Prismatic Polycarbonate
82=.187 Prismatic Polycarbonate
93=.156 Prismatic Tempered Glass

Environmental Side
84=.125 Clear Polycarbonate
85=.187 Clear Polycarbonate
86=.250 Clear Polycarbonate
87=.375 Clear Polycarbonate
88=.500 Clear Polycarbonate
94=.187 Clear Tempered Glass
96=.250 Clear Tempered Glass
97=.375 Clear Tempered Glass
98=.500 Clear Tempered Glass

Ballast
Blank=Magnetic Ballast (Standard) ³
LEOC8=T8 Energy Saving Ballast
LE3=40W T12 Energy Saving Ballast

Electronic Ballast¹
EB81=(1) Ballast for use with T8 Lamp
EB82=(2) Ballasts for use with T8 Lamp
EB51=(1) Ballast for use with T5 Lamp
EB52=(2) Ballasts for use with T5 Lamp
EB21=(1) Ballast for use with T12 Lamp²
EB22=(2) Ballasts for use with T12 Lamp²
EBX1=(1) Ballast for use with Biaxial Lamp
EBX2=(2) Ballasts for use with Biaxial Lamp

Options
CPH=Continuous Concealed Piano Hinge
EBP=Emergency Battery Pack (4' fixtures only)
FNL=Fluorescent Night Light (Lamp by others.)
GLR=Fuse and Holder
RIF=Radio Interference Filter
SPK=Speaker Housing Compartment (extends housing)

Auto Control Modules
ACM/FNL=for FNL

On/Off Switches
SPS=Security Push Button
TCS=Touch Control System ⁴

Stainless Steel Housing
SSN=Natural Brushed Finish
SSP=Polyester Powder Coat Finish

Fasteners
SF3=Allen-Head (center pin reject)

Accessories (Order Separately)
9306=Allen-Head Wrench
VRSD=TORX®-Head Vandal Resistant Screwdriver

Notes: For additional options, consult your Cooper Lighting Representative. Specifications and Dimensions subject to change without notice. Electronic ballast may cause interference with other electronic devices. If interference occurs, move the device away from the product or plug/connect into a different circuit/outlet.

¹ For specific electronic ballast, specify brand and catalog number. ² Electronic ballast not available for F20T12 lamps. ³ For use with Compact Fluorescent, Biaxial, and 20W T12 lamps. ⁴ For additional information about the TCS option see pages 1106 and 1107.