

DESCRIPTION

The Fail-Safe FCC LED combines maximum security construction features with energy saving technology. This corner-mounted luminaire utilizes a one-piece 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 FCC Series 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

Housing / Door

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%.

Fasteners

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

Hinge

Continuous, concealed piano hinge (1/4" dia. knuckle) with welded pin end to prevent removal.

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.

LEDs

Available in 3000K, 3500K, 4000K and 5000K with CRI > 85. Projected life is 50,000 hours at 70% lumen maintenance.

Lens Retention

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

Driver

Electronic driver, 0-10V dimming optional.

Labels

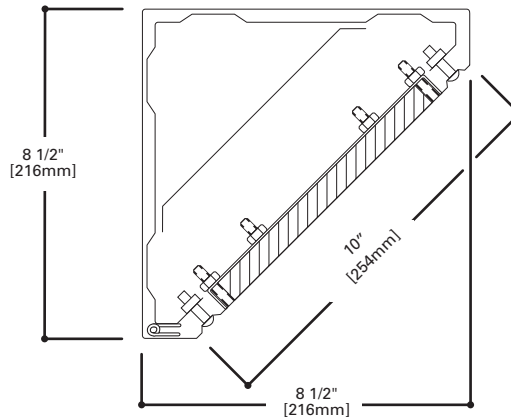
ETL listed for damp locations. Optional wet location under covered ceiling. IP rated.



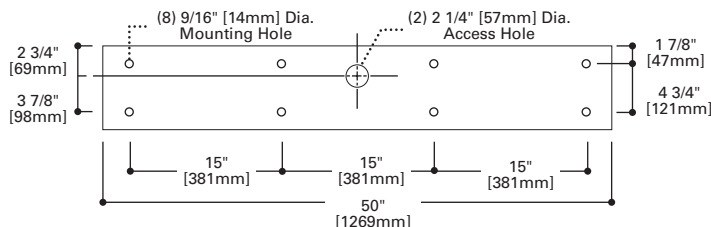
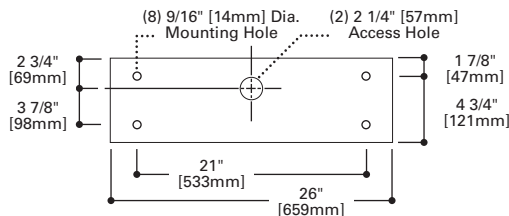
FCC

LD3 LED
Confinement/Correctional

CORNER MOUNT



MOUNTING DIMENSIONS



Electronic Ballast Data

Consult Cooper Lighting Representative

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ORDERING INFORMATION

SAMPLE NUMBER: FCC-X-4-LD3-2HI-40-UNV-80/86-ED1C

Product Family	Gauge	Length	LED	No. of LEDs	Illumination Level	Color Temperature	Voltage	Inner/Outer Lens ¹	Driver	Options	
FCC			LD3					/			
FCC= Corner S =12 ga. X =14 ga. D =16 ga. N =18 ga. 2=2' 4=4' LD3 =LED, Version 3.0			STD =Standard LO =Low HI =High 30=3000K 35=3500K 40=4000K 50=5000K 120=120V 277=277V UNV =120V-277V			Electronic Driver ED1C =Electronic Driver ³ , Non-dimming, 1-Circuit ED2C =Electronic Driver ³ , Non-dimming, 2-Circuit ED1D =Electronic Driver ³ , Dimming, 1-Circuit ED2D =Electronic Driver ³ , Dimming, 2-Circuit			SSN =Stainless Steel Housing and Door, Brushed SSP =Stainless Steel Housing and Door, Powder Coat Painted White GLR =Fuse and Holder EM5W =Emergency Battery Pack, 5W output ² EM10W =Emergency Battery Pack, 10W output ² EM20W =Emergency Battery Pack, 20W output ² LLNL =Linear LED Night Light WL =Wet Location Listed, Under Covered Ceiling		

¹(1) LED Module
²(2) LED Modules

- Notes:**
- ¹ See Lens Ordering Guide (on website) for additional lens choices.
 - ² EM20W not available with 2' length fixture. EM10W not available with 2 LED modules in cross-section for 2' length fixture. EM/LLNL combination not available with 2' length fixture. EM/LLNL combination not available with "HI" illumination lead with 4' length fixture.
 - ³ Purple and gray low voltage driver leads connected to driver for ED1D, ED2D. Not connected for ED1C, ED2C.

Inner Layer (optional)
90=.005 UV Absorbing Overlay
Fixture Side
80= 0.125 Prismatic Acrylic
81= 0.156 Prismatic Polycarbonate
82= 0.187 Prismatic Polycarbonate
93= 0.156 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
98=.500 Clear Tempered Glass

NOMINAL INPUT WATTS/DELIVERED LUMENS

Fixture Length	# Modules	Level	Nominal Input Watts	(80/86 shielding)
				Nominal Delivered Lumens
4'	1	LO	26	1,675
	1	STD	38	2,450
	1	HI	47	3,025
	2	LO	52	3,375
	2	STD	74	4,800
	2	HI	94	6,100
2'	1	LO	13	850
	1	STD	14	1,225
	1	HI	24	1,550
	2	LO	26	1,675
	2	STD	38	2,450
	2	HI	47	3,050

Nominal input wattage values include LED voltage, drive current, and typical driver efficiency. Refer to LM79 data/photometric files for exact delivered lumen values and input wattage. Values in table are nominal values only.