

DESCRIPTION

The Fail-Safe CFA is designed for use in vertical, laminar air flow cleanrooms. The narrow, airfoil design minimizes turbulence in cleanrooms that require a uni-directional air flow. The corrosion-resistant extruded aluminum housing is enclosed and gasketed, and is 2" wide. The lens utilizes internal refractors providing concise optical control while providing a smooth environmental side. A removable power tray facilitates quick and easy maintenance and installation. UL/cUL listed for wet locations under covered ceiling standard.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Application

Cleanrooms, technical and biomedical labs, food processing/testing centers and pharmaceutical labs. Also use as a functional, stylish surface mount fixture; on the ceiling or wall, over the vanity or on both sides of the vanity.

Housing/Endplate

Extruded aluminum. Steel endplates secured to housing with countersunk philips head screws. Anti-microbial matte white finish standard. Gloss white available. Customer colors available, consult factory.

Gasket

Die-formed, one piece gasket on the endplates ensure a consistent, positive seal between the lens and endplate.

Lens

One-piece opal extruded, acrylic lens with internal horizontal prism pattern. Smooth exterior for easy cleaning.

Light-Emitting Diode (LED)

LEDs available in 2000K, 3000K, 3500K, 4000K, 5000K with minimum 80 CRI. Also available are narrow spectrum green (520nm), red (630nm), and amber (590nm). Projected life is 50,000 hours at 70% lumen maintenance.

Transformer/Driver

Electronic, 0-10V dimming standard, 10%, 1%, dimming available.

Power Tray

Removable modular tray constructed of 18 gauge, painted white steel.

Listings

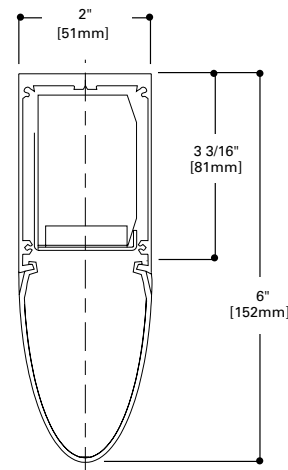
UL/cUL listed standard for wet locations standard. Suitable for Class 100 (ISO 5-8).



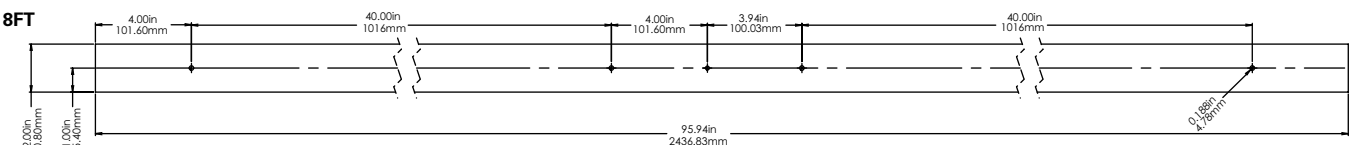
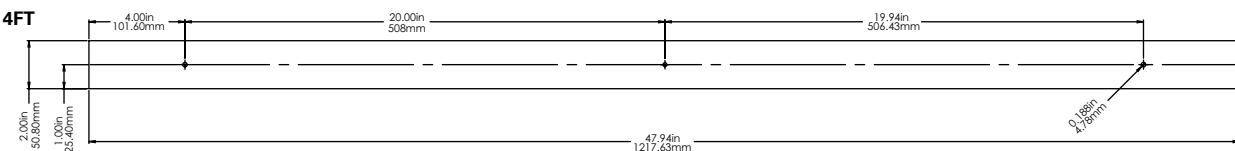
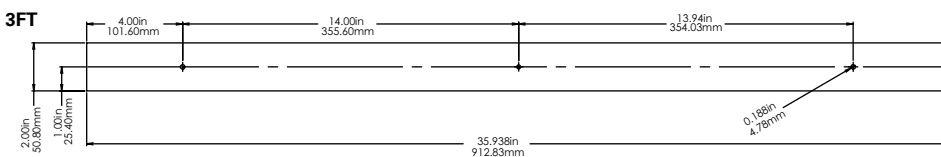
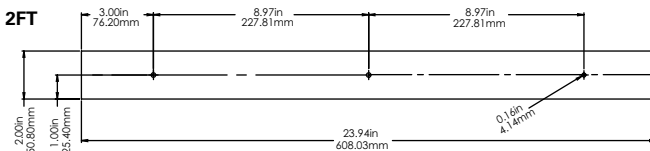
CFA LED

LED
Cleanroom

Surface Mount
Laminar Flow
Teardrop
Class 100



MOUNTING DIMENSIONS

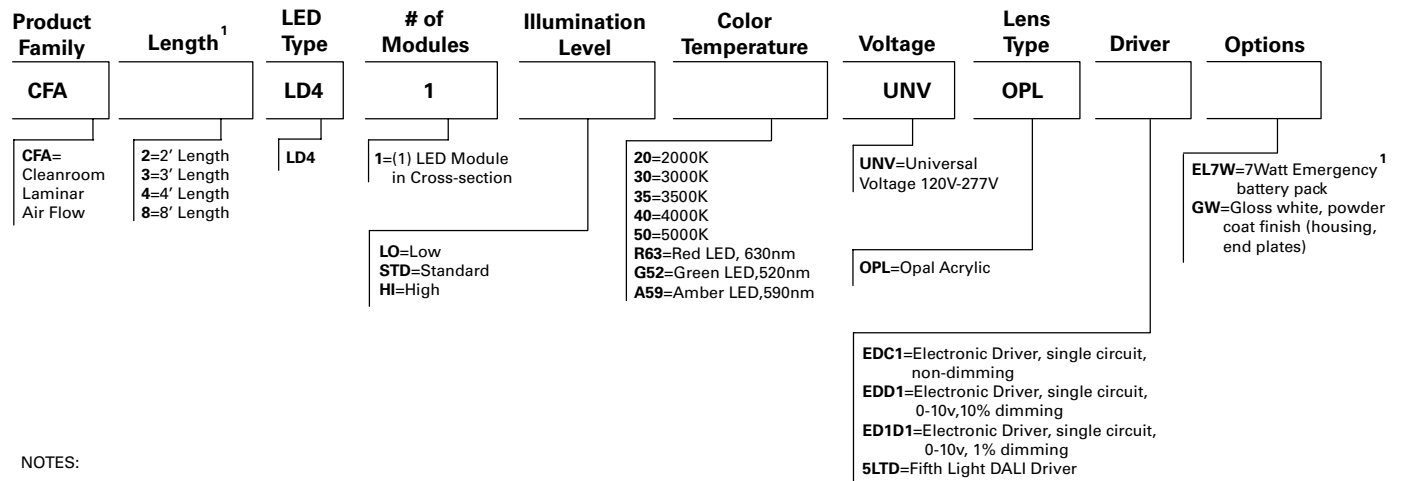


RATINGS

UL/cUL listed
Wet Location
FED-STD-209E Class 100
ISO 5-8
Antimicrobial

ORDERING INFORMATION

SAMPLE NUMBER: CFA-4-LD4-1HI-35-UNV-OPL-EDC1-WPES



NOTES:

1. EL7W on 4ft and 8ft lengths only.

APPROXIMATE DELIVERED LUMENS (4000K)			
Length	Setting	Nominal Input Watts	Nominal Delivered Lumens
2'	LO	13	1219
	STD	18	1622
	HI	22	1996
3'	LO	21	2250
	STD	27	2797
	HI	33	3361
4'	LO	26	2534
	STD	36	3399
	HI	44	4183
8'	LO	52	5066
	STD	72	6796
	HI	88	8362

Approximate Lumen Multiplier Red / Green / Amber LEDs	
Color	Multiplier from White 4000K
White, 4000K	1.00
Red, 630nm	0.30
Green, 520nm	0.71
Amber, 590nm	0.25

Refer to actual IES file/LM79 data for exact lumen output values.