

LCF

CORNER SURFACE
MOUNT LED
LUMINAIRE



The LCF Series is an architecturally designed surface mount LED fixture. It is available for continuous run mounting. The LCF utilizes the latest in LED technology to deliver high efficacy lumen output and a long lifespan.

APPLICATIONS: The LCF Series is designed to be a high quality, energy efficient LED fixtures for use in corridors, stairwells, dormitories and other applications with low ceiling height. The LCF Series is ideal for sports facilities, commercial or institutional applications.

CONSTRUCTION: The fixture is constructed of a 4" wide heavy-gauge cold rolled steel body. The fixture is available in any run length within 1' increments. Heavy duty housing crimped along sides for extra rigidity and straight alignment. Tamper-Proof screws available.

OPTICAL SYSTEM: The fixture is provided with a precision formed, high efficiency reflector designed to direct the light downward and outward into usable horizontal illumination. The symmetrical reflector provides exceptional downward throw.

ELECTRICAL SYSTEM: Electronic drivers are available for 120/277V applications. Long-life LED system rated for >100K life hours (L70 @ 45°C). Complies with federal energy efficiency standards.

CONTROLS: The fixture is compatible with 0-10V dimming controls, 0-10V dimming driver included standard. 50% step dimming is available upon request.

MOUNTING: This fixture is designed for corner / wall / ceiling mounting, where the wall and ceiling meet.

LISTINGS: Independently tested to IESNA LM-79 and LM-80 specifications. ETL and cETL Listed. Damp location rated. Made in Fort Worth, TX.

WARRANTY: 5-Year Limited Warranty. Complete warranty and terms located at www.aelnow.com/warranty.

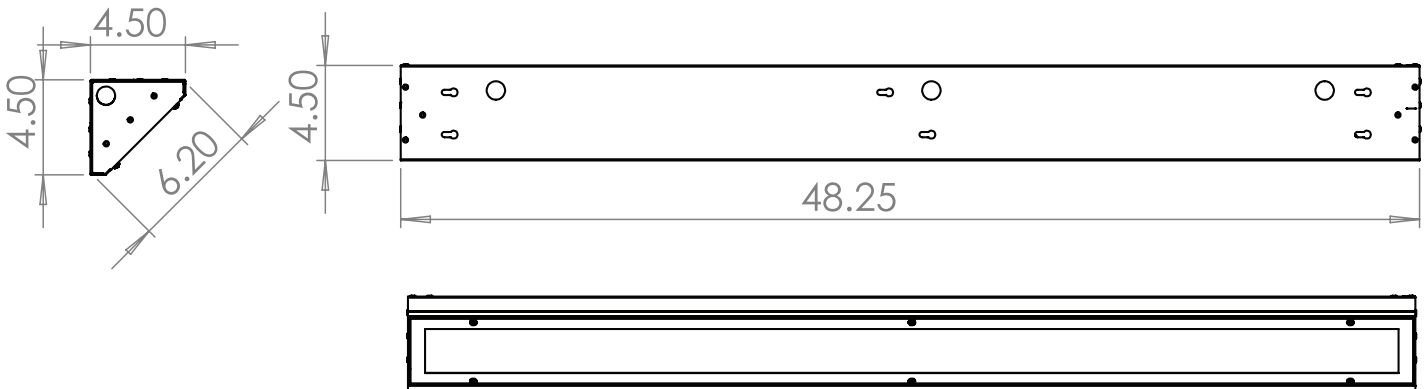
Ordering Information on Next Page ►

ORDERING INFORMATION

Example: LCF-4-35-750L-A10-A10-W-M-EC

SERIES	LENGTH (FT.)	CCT	ILLUMINATION LEVEL	OUTER LENS	FINISH
LCF	2 2'	30 3000K	500L 500 lm/ft	125P .125 Clear Polycarbonate	W White SP Custom
	4 4'	35 3500K	750L 750 lm/ft	A10 .100 Clear Acrylic	
	8 8'	40 4000K	1000L 1000 lm/ft	A125 .125" Clear Acrylic	
	XX Length in Ft.	50 5000K	1400L 1400 lm/ft	156P .156 Clear Polycarbonate	
			XXXL XXXX lm/ft (custom)	250P .250 Clear Polycarbonate	
				SY Symmetric Diffused Frosted DR Acrylic	

VOLTAGE	DRIVER	OPTIONS
M Multi-Volt (120-277V)	BLANK 0-10V 1% Dimming Driver (included standard) CD5 0-10V 5% to Off Dimming Driver EDN Electronic Driver Non-Dimming DALI 1% Dimming Driver Dali Link LDE1 Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	14EBL 14 Watt Emergency Ballast EC Emergency Circuit VDO Lutron Vive Integral RF controller with daylight and occupancy sensing. KOL Knockout Left Side1 KOR Knockout Right Side1 KO2 Knockouts Both Sides1 90 90 CRI TDF Tethered door frame



ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC*
STANDARD DIMMING CONTROL:	0-10V
CCT:	3000, 3500, 4000, 5000 KELVIN
CRI:	82 (MINIMUM)
LIFE TIME RATING:	>120,000 HRS @ L70
INPUT FREQUENCY:	50/60 HZ
POWER FACTOR:	>0.9
OPERATING TEMP:	-20° TO 50° C

*ACTUAL WATTAGE MAY DIFFER BY ±5% WHILE OPERATING 120/277V ±10%

APPROXIMATE COLOR TEMPERATURE MULTIPLIER

5000K	X	1.03
4000K	X	1
3500K	X	.97
3000K	X	.94
2700K	X	.91

OUTPUT	DELIVERED LUMENS	SYSTEM WATTAGE	CRI	LPW
500L	500 LM/FT	3.3 / FT	82	160
750L	750 LM/FT	5.0 / FT	82	160
1000L	1000 LM/FT	6.6 / FT	82	160
1400L	1400 LM/FT	8.75 / FT	82	160