



LCFR

CORNER SURFACE MOUNT LED LUMINAIRE

PRODUCT SPECIFICATIONS

DESCRIPTION: The LCFR Series is an architecturally designed surface mount LED fixture that features red and white LEDs on 2 separate circuits, or Red only on 1 circuit. It is available for continuous run mounting, consult with factory. The LCFR utilizes the latest in Red and White LED technology to deliver high efficacy lumen output and a long lifespan.

APPLICATIONS: The LCFR 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 LCFR Series is ideal for sports facilities, commercial or institutional applications.

CONSTRUCTION: The fixture is constructed of a 4" wide heavy gauge 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. Stainless Steel housing 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. UL and cUL 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

Example: LCFR-2-35-25R-S-M-W-TPS

	LENGTH (FT)	CCT	ILLUMINATION LEVEL	LENS	VOLTAGE	FINISH	ILLUMINATION LEVEL
LCFR	2 2'	30 3000K	25R40W 25W Red/40W White LED	S Satin Lens	M Multi-Volt (120-277VAC)	W White SP Custom	12EBL 1200 Lumen Emergency Ballast EC Emergency Circuit TPS Tamper Proof Screws
	4 4'	35 3500K	25R50W 25W Red/50W White LED	A12 .125 #12 Acrylic			
	8 8'	40 4000K	25R70W 25W Red/70W White LED	CP .125 Clear Polycarbonate			
	XX Length in ft.	50 5000K	50R50W 50W Red/50W White LED				
			50R70W 50W Red/70W White LED				
			25R 25W Red LED				
			50R 50W Red LED				

LuminaireFor custom lumen packages, add desired lumens to end of part number.

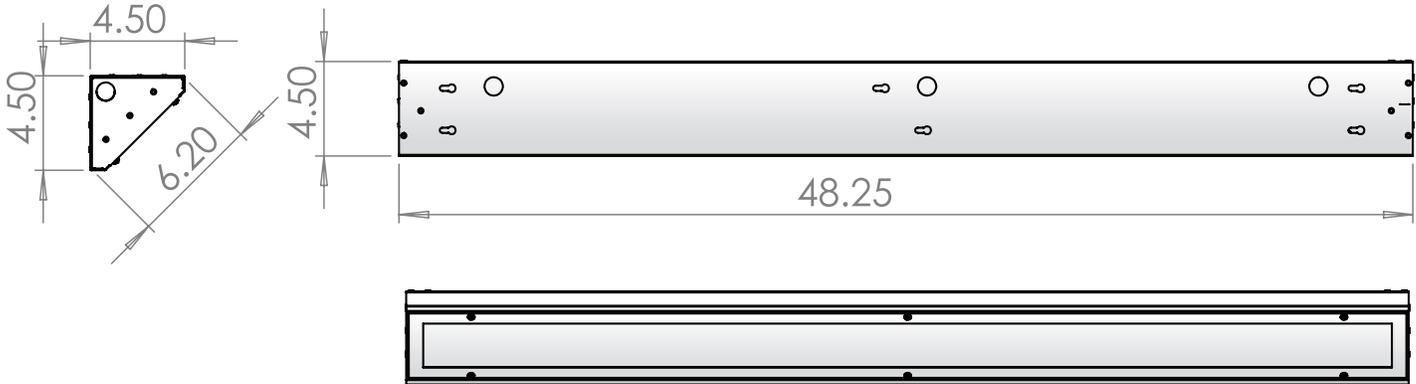
CASTING NUMBER:

PROJECT:

TYPE:

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CORNER SURFACE
MOUNT LED
LUMINAIRE



ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	33 - 179 WATTS*
DELIVERED LUMEN OUTPUT:	1020 - 10000 LUMENS
STANDARD DIMMING CONTROL:	0-10V
CCT:	3000, 3500, 4000, 5000 KELVIN
CRI:	82 (MINIMUM)
LIFE TIME RATING:	>100,000 HRS @ L70
INPUT FREQUENCY:	50/60 HZ
POWER FACTOR:	>0.9
OPERATING TEMP:	-30° TO 45° C

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

OUTPUT	DELIVERED LUMENS	SYSTEM WATTAGE	L70 @20C (HRS)
40W WHITE	5772	40	>120K
50W WHITE	7215	50	>120K
70W WHITE	10000	70	>100K
25W RED	1020	25	>50K
50W RED	2400	50	>50K

APPROXIMATE COLOR TEMPERATURE MULTIPLIER

		LUMENS		
5000K	X	1.03	=	<input type="text"/>
4000K	X	1	=	<input type="text"/>
3500K	X	.97	=	<input type="text"/>
3000K	X	.94	=	<input type="text"/>
2700K	X	.91	=	<input type="text"/>