



CATALOG #:

PROJECT:

TYPE:

FRX LED CURVED DIFFUSER TROFFER



The **FRX** Series is an IC-Rated LED troffer with a subtle, gently curved diffuser to simulate the look of a skylight. Available in 2x2 and 2x4 body sizes. It was designed for standard T-Grid applications. Architects find these fixtures especially functional for schools, offices, government facilities, public offices, and all other commercial types of applications on the market today. This fixture's multi-use capability inspires its use in any area where energy efficiency is a must.

APPLICATIONS: The FRX Series of lay-in LED troffers were designed to be high quality, energy efficient LED fixtures for use in commercial applications, offices, government facilities, schools, and public areas.

CONSTRUCTION: The fixture is constructed of a 22 gauge heavy steel body. Housing embossed for maximum rigidity. Rounded side flanges for safe handling. Ballast Cover snaps into housing to cover ballast and wires.

OPTICAL SYSTEM: Gentle, subtly curved shaped diffuser constructed with a proprietary blend of LED acrylic and impact acrylic resins. Diffuser provides approximately 75% light transmission with excellent LED pixel hiding power.

ELECTRICAL SYSTEM: 0-10V Dimming Driver included standard. Long-life LED system rated for >100K life hours (L70 @ 40°C). Complies with federal energy efficiency standards.

MOUNTING: The fixture can be recess mounted in a standard grid ceiling.

LISTINGS: Independently tested to IESNA LM-79 and LM-80 specifications. ETL and cETL Listed. Damp location rated. IC rated for dry and damp locations. Manufactured in the USA, BAA compliant.

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

Ordering Information on Next Page

ORDERING INFORMATION:

Example: FRX-22-30-4L-FK22-M-CD1-TP

SERIES	LENGTH	CCT	OUTPUT	MOUNTING	MOUNTING OPTIONS	VOLTAGE
FRX	22 2x2	30 3000K	4L 4000 Lumens (Standard Low)	F Flange	FK22 2x2 Flange Kit	M 120/277V
	24 2x4	35 3500K	7L 7000 Lumens (Medium Low)	G Grid	FK24 2x4 Flange Kit	
		40 4000K	11L 11000 Lumens (High Low)		SMS14 1x4 Surface Mount Shroud	
		50 5000K	12L 12000 Lumens (Standard Medium)		SMS22 2x2 Surface Mount Shroud	
		ATTW TUNABLE WHITE	13L 13000 Lumens (Medium Medium)		SMS24 2x4 Surface Mount Shroud	
			15L 15000 Lumens (High Medium)			
			16L 16000 Lumens (Standard High)			
			20L 20000 Lumens (Medium High)			
			25L 25000 Lumens (High High)			
			XX Custom Lumens			

DRIVER OPTIONS

BLANK	0-10V Dimming Driver (included standard)
CD1	0-10V 1% to Off Dimming Driver
CD5	0-10V 5% to Off Dimming Driver
EDN	Electronic Driver Non-Dimming
DALI	DALI Dimming Driver
LDE1	Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology

OPTIONS

14EBL	14 Watt Emergency Ballast
FW	Flexible Armored Cable 6' 18/3
FW5	Flex Whip 5-Wire 18/5
IS	Internal Sensor
SD	Step Dimming
TG	Triple Gasket
TP	Tamper-Proof
VDO	Lutron Vive integral fixture control (RF with daylight and occupancy sensing)
90	90 CRI
TW	Tuneable White

Other options and configurations are available. Consult factory for details.

Dimensions on Next Page 

ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	27.8 - 173.4 WATTS*
DELIVERED LUMEN OUTPUT:	4000 - 25000 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 50° C

APPROXIMATE COLOR TEMPERATURE MULTIPLIER

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

OUTPUT	DELIVERED LUMENS	WATTS	L70 @20C (HRS)
4L	4000 LUMENS	27.8	>100K
7L	7000 LUMENS	48.5	>100K
11L	11000 LUMENS	79.3	>100K
12L	12000 LUMENS	83.2	>100K
13L	13000 LUMENS	90.1	>100K
15L	15000 LUMENS	104	>100K
16L	16000 LUMENS	110.1	>100K
20L	20000 LUMENS	138.7	>100K
25L	25000 LUMENS	173.4	>100K

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

