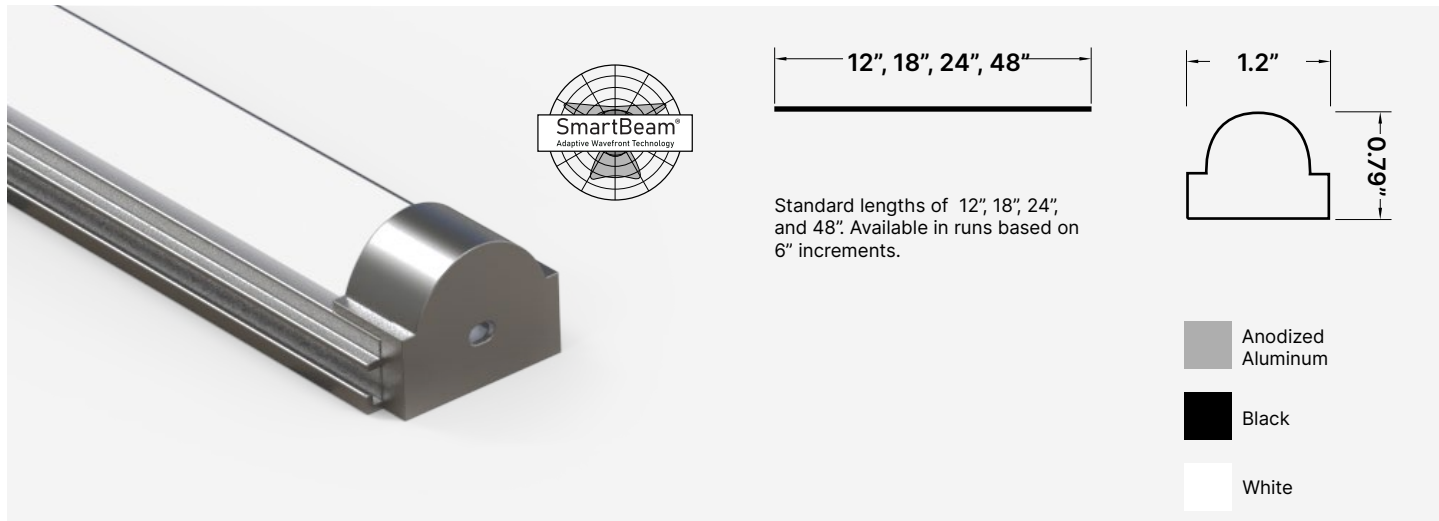


FX1 Diffuse

FX1D

1.2" Functional Rail

Direct/Indirect



DESIGNED, ENGINEERED, AND MANUFACTURED IN USA

Design

FX1 Diffuse uses a 1.2" wide rail system to bringing SmartBeam[®] capabilities to functional lighting applications.

Features

- High efficacy up to 150lm/W
- Rail profile: 1.2" (30.5mm) x 0.5" (12.7mm)
- SpekLED[®] & SmartOptics[®] inside
- 80+/90+ CRI, 2700K-4000K specifications
- Dimming down to 0.1%
- UL listed, CSA 22.2 compliant
- RoHS compliance and lead free
- 5 Year, 50,000 hour standard warranty

Lumens and Power

OUTPUT

Lumens/ft	350	500	750	1000
Watts/ft		3.3		
Lumens/W		150		

OUTPUT

Lumens/ft			800	
Watts/ft			7.0	
Lumens/W			120	

Dim-to-warm 2200K-3000K



Declare.



FX1 Diffuse

FX1D

Ordering Information

PROJECT



A

1		2		3		4	
LENGTH		CCT		CRI		FINISH COLOR	
1	1'	27	2700K	80	80CRI+	AL	Clear Anodized
2	2'	30	3000K	90	90CRI+	WT	White
4	4'	35	3500K	95	95CRI+	BK	Black
C_	Custom lengths in 6" increments	40	4000K			RAL_	RAL #
		SL1	SunLike				
		SBIOS	Static Bios				
		DBIOS	Dynamic Bios				
		TW2	Tuneable White 2CH				
		RGB	Red, Green, Blue				
		RGBW	Red, Green, Blue, White				
		DTW2230	Dim-to-warm 2200K to 3000K				

B

5		6	
BEAM		OUTPUT	
W110	Wide 110°	35	350lm/ft
W120	Wide 120°	50	500lm/ft
DC_	Custom (Add Note)	75	750lm/ft
		100	1000lm/ft
		C_	

C

9		10		11		12	
MOUNTING		VOLTAGE		EMERGENCY		DRIVER (REMOTE)	
CS	Metal Clip & Screw Bracket	UNV	120/277V	0	None	FD01	1% Dim (0-10V)
MG	Magnetic	120	120V	EM	Emergency Driver	FD10	10% Dim (0-10V)
SC	Screw Mount	277	277V			LDE1	Lutron Hi-Lume 1% Dim
S	Surface Mount	347	347V			LDE5	Lutron 5 Series 5% Dim
T1	9/16" T-bar					ELD1	EldoLED 0.1% Dim
T2	9/16" Bolt T-bar					NA	Not included
T3	15/16" T-bar					C_	Custom (Add Note)
W	Wall Mount						
C_	Custom (Add Note)						

FX1D

1	2	3	4	5	6	9	10	11	12
A			B			C			

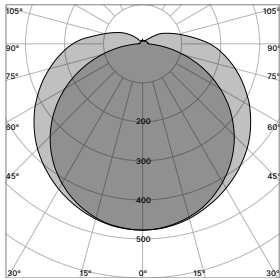
NOTES

FX1 Diffuse

FX1D

Wide 110° - Performance Per 1' - Tested at 3500K, 80+ CRI

500 Lumen at 80+ CRI



LED Output	Color Temp	Watts	Lumens	Efficacy LPW	Ratio
Low	3000K	3.4	497	145	0.97
Low	3500K	3.3	497	150	1
Low	4000K	3.2	497	157	1.05

Drivers & Electrical

Remote, dimmable drivers are supplied in enclosures. Compatible with a wide range of dimmable drivers, control systems, and virtually all PoE systems.

Emergency Back-Up

An integral emergency driver may be wired to 4ft sections. Other drivers are also available (not all integral; consult factory). Emergency circuits for use with building generators are also available.

Finishes

All luminaires are available in clear anodized aluminum, white powder coat, or black powder coat. Any RAL color may be specified.

Optics

FlatLens® extruded acrylic optic provides excellent diffusion, high transmission, and no LED imaging. Acrylic optics are fully recyclable at end of life.

Construction

Extruded, recycled aluminum housing. Clear anodized and powder-coated extrusions are fully recyclable at end of life.

Joined Runs

Runs of any length may be specified and are comprised of angle connectors, cable connectors, and end to end connectors.

Sustainability

Every XICO product features SmartBeam® Technology, energy efficient LED solutions, high efficacy optical systems, considered material choices, and thoughtful supply chain management.

Declare & Red List Free

[FX Series Declare Listing](#)

Technology and Manufacturing

XICO fixtures are engineered and manufactured in our Massachusetts factory with Fusion Optix® Inside. As LED engine and Optical system specialists XICO offers adjustment and customization to output, beam distribution, and color to meet the needs of your project.