

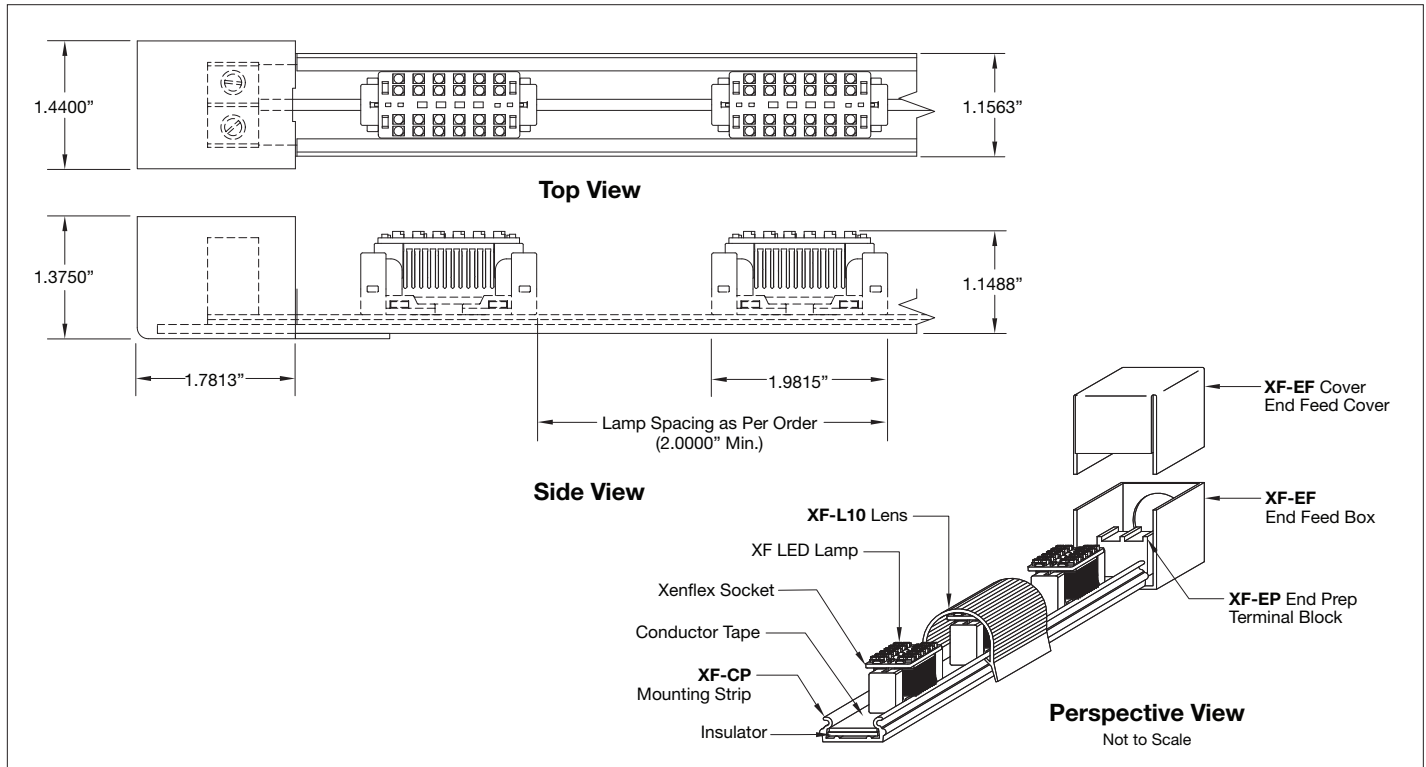
Xenflex™ LED

LED LINEAR LIGHTING SYSTEM

Job Name:

Fixture Type:

Order Lamps Separately



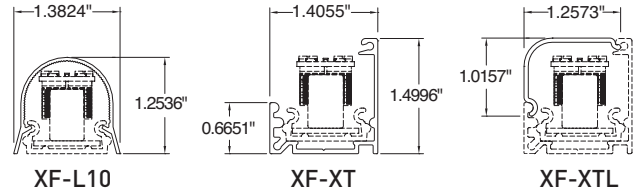
Ordering Guide

XF- (Xenflex) Lamp Spacing -XX- Fix Length

Spacing	Fix Length
<input type="checkbox"/> 2"	Specify overall length in inches
<input type="checkbox"/> 3"	
<input type="checkbox"/> 4"	
<input type="checkbox"/> 6"	

Options

- XF-L10 Lens
- XF-XT()* Aluminum "L" Bracket
- XF-XTL Lens/Diffuser
- * Add: "W" White, "C" Chrome, "B" Brass



Description

Xenflex LED is a UL listed, 24 volt, low profile linear lighting system.

Features

- Xenflex LED may be field trimmed and formed into curves and angles on a vertical plane.
- Xenflex LED is dimmable and requires the use of a compatible low voltage magnetic dimmer.
- Xenflex LED is offered with a valance and diffusion lenses for precision lighting control.
- A complete line of 24 volt magnetic transformers is available.

Applications

- Cove, Display, Undercounter and Cabinet

Components

XF-EF End Feed Assembly*

The XF-EF End Feed Assembly consists of the End Feed Box, Cover and an 8" XF-CP Mounting Strip. XF End Feed is located at one or both ends of a run and includes termination hardware for wire connection. The End Feed Box K.O. accepts 1/2" NPT fitting (by others). XF End Feed is required by UL.

XF-CP Mounting Strip*

The XF-CP Mounting Strip is made of white Polycarbonate; 8' lengths standard. Xenflex LED snaps into XF-CP Mounting Strip. Mounting Strip is required by UL.

XF-EP End Prep (Terminal Block)

The XF-EP End Prep accepts #10 AWG wire (maximum). Double End Prep/End Feed may be required for certain installation conditions.

XF-FH Inline Fuse*

The XF-FH Fuse Holder with 25 ampere fuse standard, provides added safety protection. Used where other over-current protection devices are not present or impractical. Fuse Holder and Fuse are required by UL.

* Failure to use XF-EF, XF-CP and XF-FH voids warranty and UL listing.



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Xenflex™ LED

LED Linear Lighting System

Order Lamps Separately

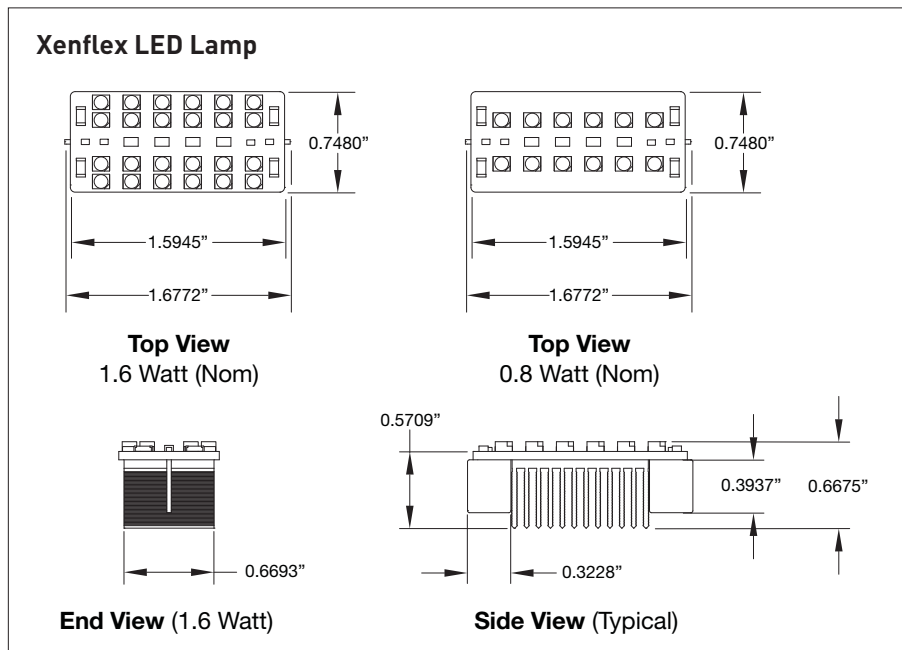
Refer to Xenflex LED Lamp Ordering Guide on Page 3.

Typical LED Lamp Catalog No.

XF-LED16-NW-24

Lamp Specifications

- 24 Volt AC operation
- Xenflex LED lamps will directly retrofit existing magnetic 24V Xenflex installations
- Mercury and Lead free, no UV or IR radiation
- **LED Type:** Ultra Bright 3528 SMD
- **Lamp Color/Temperature:**
WW: Warm White- 2700K (Nom)
NW: Neutral White- 3000K (Nom)
CW: Cool White- 4000K (Nom)
- **Beam Angle:** 120°
- **Lamp Life:** 50,000 Hours +
- Operates with AC low voltage magnetic transformers
- Can be dimmed with suitable magnetic low voltage dimmers



Transformer Table

Cat No.	VA Rating	Primary Voltage	Secondary Voltage	Dimensions [LxWxH]	# of Beakers	Amperage Rating	Weight	Max # Lps Per Transformer
XTR-75-24V	75	120/277	24	8.75" x 4.38" x 4.25"	0	-	6 Lbs	41
XTR-150-24V	150	120/277	24	8.75" x 4.38" x 4.25"	1	7	7 Lbs	82
XTR-300-24V	300	120/277	24	8.75" x 4.38" x 4.25"	1	12.5	9 Lbs	165
XTR-600-24V	600	120/277	24	9.50" x 5.38" x 5.25"	1	25	15 Lbs	330
XTR-900-24V	900	120/277	24	10.50" x 6.25" x 5.88"	2	20	22 Lbs	245 / 245
XTR-1200-24V	1200	120/277	24	11.75" x 7.00" x 5.88"	2	25	31 Lbs	330 / 330

Data Table

Lamp Spacing	Max Run Length w/ 330 Lamps	Watts Per Foot	Lumens Per Foot
2"	55'	10.8	648
3"	82'	7.24	434
4"	110'	5.4	324
6"	165'	3.6	216

Wire Gauge / Length Table

Voltage	Wattage	#10 AWG	#12 AWG	#14 AWG	#18 AWG
24	100	80'	50'	35'	15'
24	200	60'	35'	20'	5'
24	300	40'	25'	15'	5'
24	400	30'	15'	10'	-
24	500	20'	15'	5'	-
24	600	20'	10'	5'	-

NOTES:

1. Xenflex LED is available in 24 Volt AC.
2. XF-CP, XF-XT are available in 8' lengths only.
3. Xenflex LED requires the use of XF-CP, XF-EF and XF-FH for UL listing and warranty.

When specifying Xenflex LED consider the following:

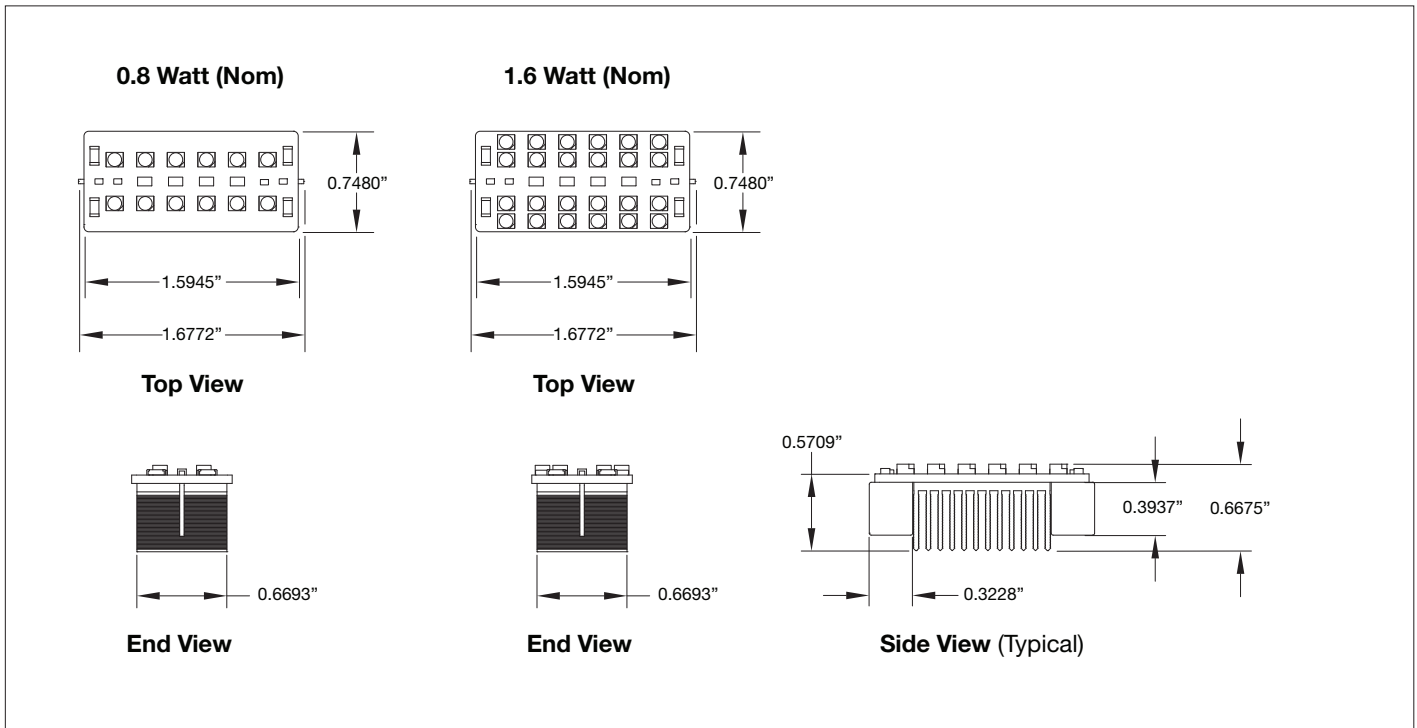
- For scallop-free illumination, ensure that lamp spacing is less than the distance to the visible surface.
- Illumination requirements; refer to Data Table.
- Identify lengths required. If any individual length exceeds the Max. length limits in the Data Table, divide into multiple Xenflex LED sections.
- One End Feed is required for each individual Xenflex LED section.
- Determine total wattage in each Xenflex LED section; refer to Watts/Ft. Column in Data Table.
- Determine transformer locations.
- Select a transformer with sufficient capacity from Transformer Table.
- A single transformer may power several Xenflex LED strips.
- Use Wire Gauge Table for determining proper feed wire gauge.

Xenflex™ LED Lamp

Ordering Guide

Job Name:

Fixture Type:



XF-LED - -24

Wattage

Color

(Voltage)

Wattage (Nom)	Lamp Color
<input type="checkbox"/> 08 (0.8)	<input type="checkbox"/> WW Warm White
<input type="checkbox"/> 16 (1.6)	<input type="checkbox"/> NW Neutral White
	<input type="checkbox"/> CW Cool White

Lamp Data

Cat No.	Color Temp Nominal	Color Temp Actual	Color Rendering Index	Flux (lm)	Wattage	Efficacy (lm/W)
XF-LED08-WW-24	2700K	2676	83	46.129	0.88	52.42
XF-LED08-NW-24	3100K	TBA	TBA	TBA	TBA	TBA
XF-LED08-CW-24	4000K	TBA	TBA	TBA	TBA	TBA
XF-LED16-WW-24	2700K	2604	80+	86.442	1.67	51.76
XF-LED16-NW-24	3100K	3000	80+	95	1.72	55.23
XF-LED16-CW-24	4000K	TBA	TBA	TBA	TBA	TBA

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