



Complete Specification Sheet

FlexFit™ Static White

FIGURE



FlexFit™ Static White

Single Color Flexible LED Sheet



Specifications

Category	Flexible Sheet
Series	FlexFit
Family	Static White
Watts per Foot (AVG)	2.5W/ft
Environment	IP20
CRI	90+
CCT Options	2700K, 3000K, 3500K, 4000K, 5000K, 6000K
Input Voltage	24V DC
Cut Intervals	Vertically, Horizontally and Diagonally Every 1.0"
Width	1.0in (25.4mm)
Height	1.0in (25.4mm)
Max Run Length	96W Per Power Feed
Operating Temp.	14°F (-10°C) to 122°F (50°C)

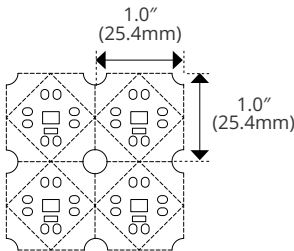
Features

- Cuttable Around Every Diode to Create Unique Shape
- Screw Mount or 3M™ Adhesive Options For Easy Installation
- 5-Year Warranty
- 50,000 Hour Life
- UL-Listed

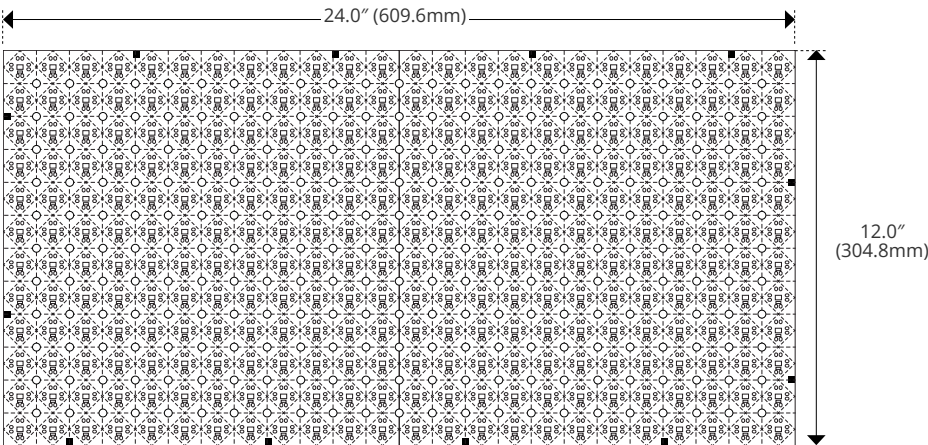
Description

FlexFit is an incredibly versatile back-lighting system that's perfect for signs, light boxes, or any translucent surface. Create nearly limitless shapes! FlexFit is cuttable at every single diode, allowing the installer to easily maneuver around obstructions or other imperfections within the mounting surface on-site. The product can be secured with screws or adhered using the integral 3M® VHB backing.

Dimensions



Cuts Vertically, Horizontally and Diagonally Every 1.0"



Kelvix reserves the right to update the product specifications at any time. To maintain warranty, field modifications must follow approved Kelvix installation instruction.
Conforms to ANSI/UL Standard 2108
Certified to CAN/CSA Standard C22.2 No. 250.2

Fixture Type _____

Project Name _____

Location _____



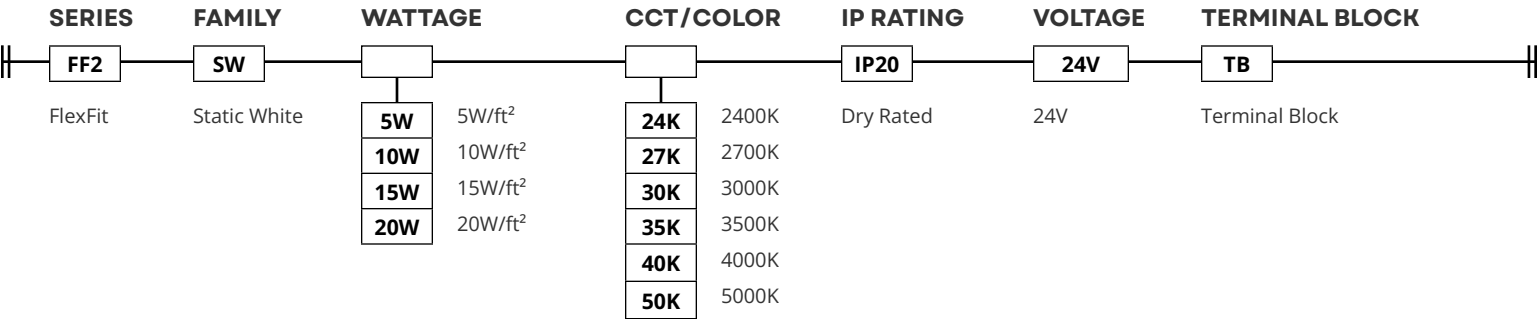
Product Code Builder

FlexFit™ Static White

FIGURE

Product Code Builder

Example: FF2-SW-5W-24K-IP20-24V-TB



PRODUCT DATA

Per Sheet	UOM	Efficiency¹ (lm/W)	Max # of Sheets per 96W Circuit	24K	27K	30K	35K	40K	50K	Wattage¹
5W/ft Lumens	Per Ft²	97	9	441	476	494	480	512	526	5
	Per Sheet			882	952	988	961	1024	1053	10
10W/ft Lumens	Per Ft²	99	5	853	921	956	973	991	1019	10
	Per Sheet			1706	1842	1912	1946	1981	2037	19
15W/ft Lumens	Per Ft²	98	3	1212	1309	1359	1383	1408	1447	14
	Per Sheet			2424	2618	2717	2765	2815	2895	28
20W/ft Lumens	Per Ft²	96	2	1584	1710	1776	1807	1840	1892	18
	Per Sheet			3168	3421	3551	3614	3679	3783	37

TM30 DATA

		CRI	Rf	Rg	R9
10W	2400K	92.3	91	98	56
	2700K	94.3	91.9	99.5	68
	3000K	92.7	90.7	98.2	60
	3500K	93.1	90.6	98.5	67
	4000K	93.2	89.4	97.3	68
	5000K	94	90	98	77

¹Data is extracted from 3000K panel.
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Fixture Type

Project Name

Location



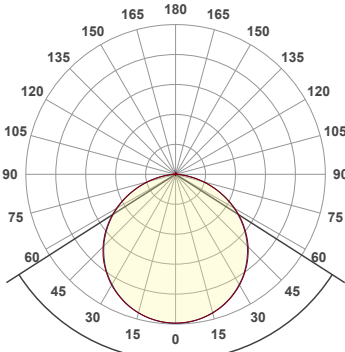
Photometric Details

FlexFit™ Static White

FIGURE

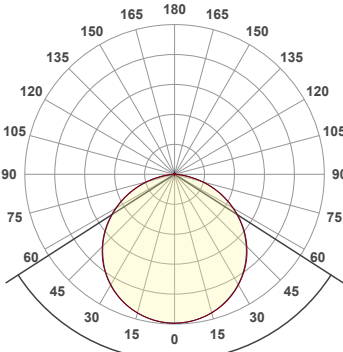
Polar Plot

10W - 2400K



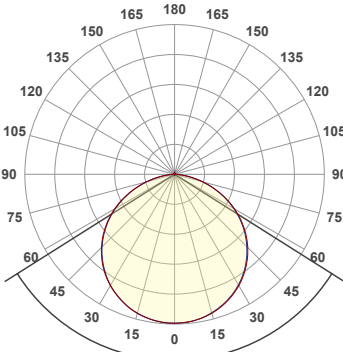
114.7°

10W - 2700K



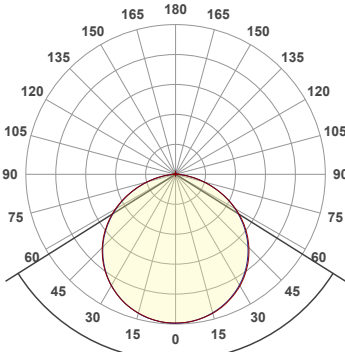
114.5°

10W - 3000K



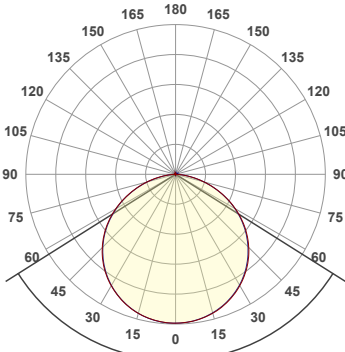
115.4°

10W - 3500K



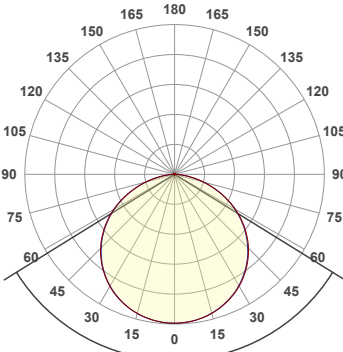
115.7°

10W - 4000K



115.5°

10W - 5000K



116.4°

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Fixture Type _____

Project Name _____

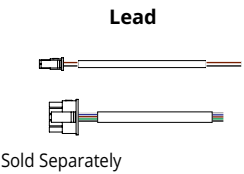
Location _____



Power and End Feed Details

FlexFit™ Series

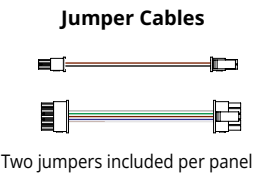
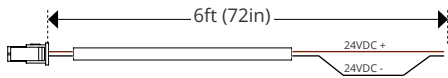
IMAGE



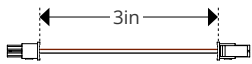
ORDER CODE

CATEGORY	SERIES	CONDUCTORS¹	LENGTH
FML	FF	2C 5C	6
Factory-Made Lead	FlexFit	2 Conductor 5 Conductor	6ft (72in)

DIAGRAM



CATEGORY	SERIES	CONDUCTORS¹	LENGTH
FMC	FF	2C 5C	3I
Factory-Made Connector	FlexFit	2 Conductor 5 Conductor	3in (76.2)



CONDUCTORS EXPLAINED:

# of Conductors	Illumination Family
2	Static White
5	RGBW

¹Lead and connector conductors should match LED Linear conductors. Options shown for ease.

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