

XFL Flexible Linear

IP 67
Wet
Rated

Static White

Superior White

XFL Static White outperforms competition with world class color performance and color consistency. Offered in six CCTs and five output levels, this workhorse should be the foundation of all projects — IP67 rated for interior, exterior, wet, high-humidity environments.

Features/Benefits

- **World Class Color Performance** – Exceptional CRI, R9, fidelity and color gamut across all product configs.
- **Superior Color Consistency** – Premium < 2 SDCM ensures uniformity across the reels and from run to run.
- **IP67 Wet Rated** – Protected for exterior, wet, and high-humidity applications.
- **High LED Density** – 240 LEDs per meter for seamless, continuous, dot-free illumination.
- **Abundant Options** – Choose from 5 output levels across 6 CCT (from 2200K to 4100K) for any spec requirements.
- **Standard 24V DC Input** – Simplifies power design and system integration.
- **10-yr warranty and CA Title 20** – Peace of mind with fully compliant and specification-grade assurance.

Applications

Superior Illumination for:

- Restaurants, Bars, and Hospitality
- Hotels and Resorts
- Showrooms and Auto Dealers
- Entertainment Venues
- Retail and Department Stores
- Museums and Galleries
- Corporate and Commercial Offices
- Gaming and Casinos
- High-end Residential



ORDERING LOGIC

Model	Voltage	Watts/Ft*	LEDs/meter	IP Rating	CCT	CRI	Spool
XFL-SW Static White	24 24V	1.0 1.0W/ft	240 240 LEDs/m	67 IP 67 Rated	22 2200K	95 95 CRI	SP005 5m**
XFT-SW Custom Tape		3.0 3.0W/ft			25 2500K		SP010 10m**
		4.4 4.4W/ft			27 2700K		Blank*** XFT***
		5.0 5.0W/ft			30 3000K		
		6.6 6.6W/ft			35 3500K		
					41 4100K		

Spools Example: XFL-SW-241.0-24067-2295-SP005

Custom Tape Example: XFT-SW-241.0-24067-2295

* 1 Watt/foot = 3.28 Watts/meter

** 5m Spool Length = 16.4 feet

*** This field is left blank for XFT order codes. Contact your Xicato Sales Representative to define specific custom configurations and soldered lead wires. The detailed configuration description will be provided with the quote and order confirmation

XFT CUSTOM TAPE OPTIONS

LED TAPE

Min Length 76.2mm (3")

Max Length 12m

Increment Cuttable to Increments of 25 mm

INPUT LEAD WIRE

LEAD WIRE ONLY

Wire 20 AWG UL2464

Length 3" – 96"

Increment 1" increments

Jacket Black or White

LEAD WIRE TERMINATED WITH FEMALE CONNECTOR

Wire 20 AWG UL2464

Length Fixed 48"

Increment NA

Jacket Black or White

OPTIONAL OUTPUT LEAD WIRE

LEAD WIRE ONLY

Wire 20 AWG UL2464

Length 3" – 96"

Increment 1" increments

Jacket Black or White

LEAD WIRE TERMINATED WITH MALE CONNECTOR

Wire 20 AWG UL2464

Min / Max Fixed 48"

Increment NA

Jacket Black or White

GENERAL SPECIFICATIONS

Color White	IP Rating IP 67	Standard Spool m (ft) 5(16.4), 10(32.8)
Beam Angle 120°	LEDs/meter 240	Operating Temp. -20°C to +60°C
CRI 95	Min Cuttable Length 25 mm (0.98")	Storage Temp. -20°C to +70°C
Input Voltage 24 VDC	Profile Width 10 mm (0.39")	Input Wire 20 AWG UL2464

TYPICAL PERFORMANCE

Model Number	CCT	Power (W/m)	Power (W/ft)	Flux (lm/m)	Flux (lm/ft)	Eff (lm/W)	Max Run Length (m)	Max Run Length (ft)
XFL-SW-241.0-24067-2295	2200K	3.28	1	329	100	100	12	39.4
XFL-SW-241.0-24067-2595	2500K	3.28	1	340	104	104	12	39.4
XFL-SW-241.0-24067-2795	2700K	3.28	1	389	119	119	12	39.4
XFL-SW-241.0-24067-3095	3000K	3.28	1	401	122	122	12	39.4
XFL-SW-241.0-24067-3595	3500K	3.28	1	418	127	127	12	39.4
XFL-SW-241.0-24067-4195	4100K	3.28	1	430	131	131	12	39.4
XFL-SW-243.0-24067-2295	2200K	9.84	3	795	242	81	7.5	24.6
XFL-SW-243.0-24067-2595	2500K	9.84	3	836	255	85	7.5	24.6
XFL-SW-243.0-24067-2795	2700K	9.84	3	951	290	97	7.5	24.6
XFL-SW-243.0-24067-3095	3000K	9.84	3	960	293	98	7.5	24.6
XFL-SW-243.0-24067-3595	3500K	9.84	3	973	297	99	7.5	24.6
XFL-SW-243.0-24067-4195	4100K	9.84	3	997	304	101	7.5	24.6
XFL-SW-244.4-24067-2295	2200K	14.43	4.4	930	284	64	6.5	21.3
XFL-SW-244.4-24067-2595	2500K	14.43	4.4	1030	314	71	6.5	21.3
XFL-SW-244.4-24067-2795	2700K	14.43	4.4	1253	382	87	6.5	21.3
XFL-SW-244.4-24067-3095	3000K	14.43	4.4	1351	412	94	6.5	21.3
XFL-SW-244.4-24067-3595	3500K	14.43	4.4	1405	428	97	6.5	21.3
XFL-SW-244.4-24067-4195	4100K	14.43	4.4	1522	464	105	6.5	21.3
XFL-SW-245.0-24067-2295	2200K	16.4	5	1260	384	73	6	19.7
XFL-SW-245.0-24067-2595	2500K	16.4	5	1346	410	77	6	19.7
XFL-SW-245.0-24067-2795	2700K	16.4	5	1399	427	91	6	19.7
XFL-SW-245.0-24067-3095	3000K	16.4	5	1537	469	86	6	19.7

All data shown is nominal. Specifications and data are subject to change without notice.

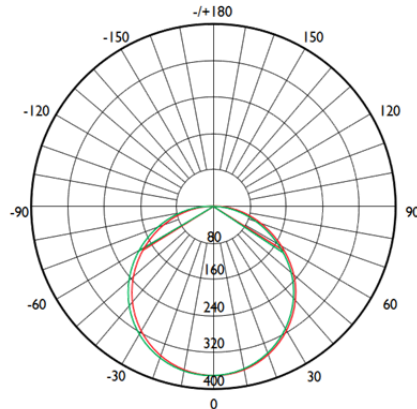
GENERAL SPECIFICATIONS

Model Number	CCT	Power (W/m)	Power (W/ft)	Flux (lm/m)	Flux (lm/ft)	Eff (lm/W)	Max Run Length (m)	Max Run Length (ft)
XFL-SW-245.0-24067-3595	3500K	16.4	5	1613	492	88	6	19.7
XFL-SW-245.0-24067-4195	4100K	16.4	5	1687	514	96	6	19.7
XFL-SW-246.0-24067-2295	2200K	19.68	6	1536	468	74	5	16.4
XFL-SW-246.0-24067-2595	2500K	19.68	6	1665	508	79	5	16.4
XFL-SW-246.0-24067-2795	2700K	19.68	6	1797	548	92	5	16.4
XFL-SW-246.0-24067-3095	3000K	19.68	6	1812	552	88	5	16.4
XFL-SW-246.0-24067-3595	3500K	19.68	6	1827	557	86	5	16.4
XFL-SW-246.0-24067-4195	4100K	19.68	6	2057	627	96	5	16.4

Notes:

1. Test environment temperature : 25±2°C.
2. Values above represent typical performance.
3. Luminous flux is tested at each CCT.
4. Luminous efficiency is a measured value.
5. Max run length is in reference to a single feed.
6. Max run length refers to operating length at UL class II @100W, 24V.
7. The luminous flux and power are listed within ±10%.

POLAR LUMINOUS INTENSITY



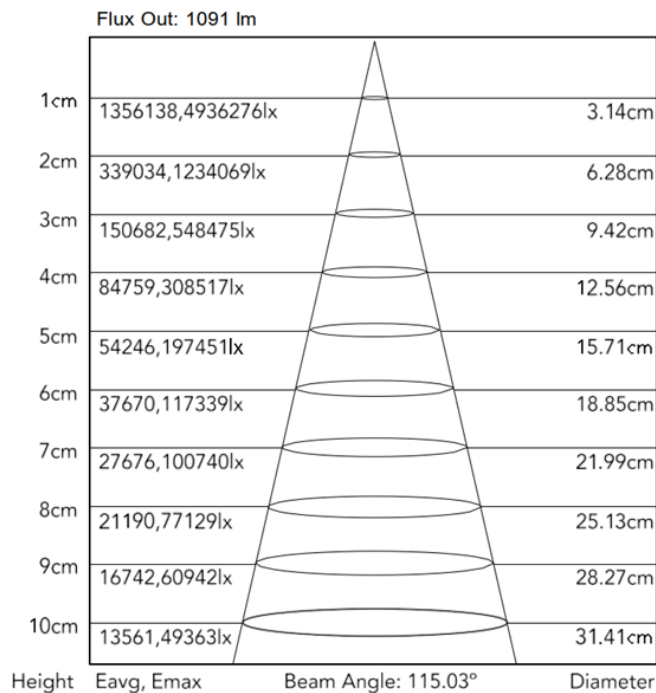
AVERAGE BEAM ANGLE(50%): 115.2°

Unit: cd

— C0/180,115.0°

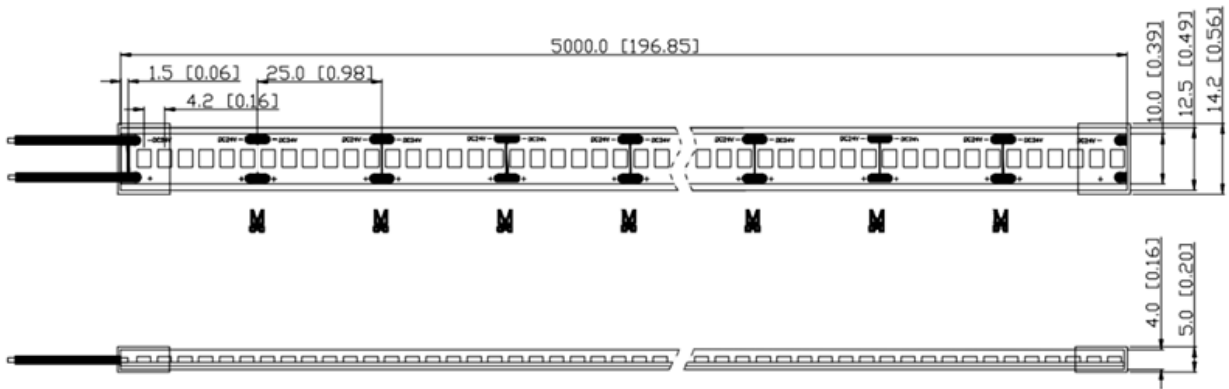
— C90/270,115.3°

ILLUMINANCE CONE DIAGRAM



Note: Above 2 figures generated by measuring 3000K sample.

PROFILE DRAWINGS



Units: mm [inches]

MINIMUM BENDING RADIUS

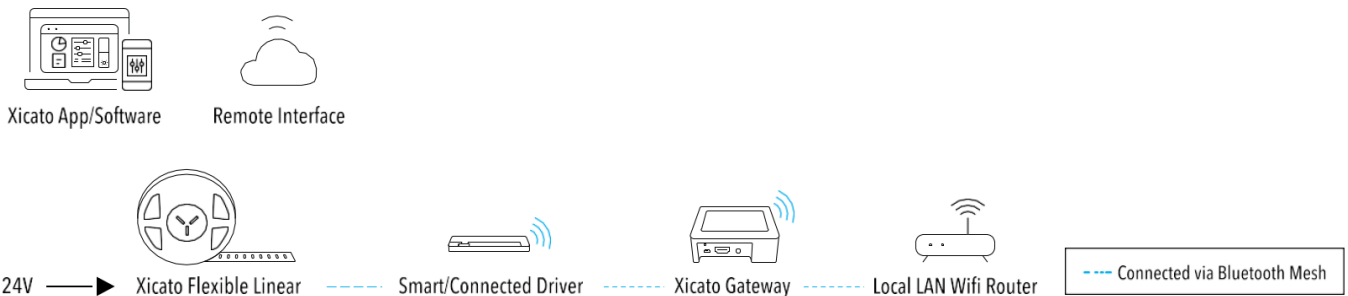
$R_{min} = 20 \text{ mm}$

Do not exceed minimum bend radius.
Exceeding will damage PCB traces.



XICATO XMESH CONTROL AND INTEGRATION

The XFL Portfolio is part of Xicato's comprehensive end-to-end systems, energizing environments through brilliant lighting and Smart Controls.



RECOMMENDED CHANNELS**SQUARE SERIES**

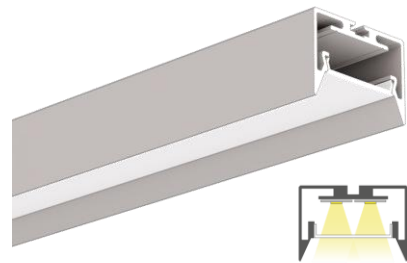
RECESSED
XCC-C-SQ-PDSNK



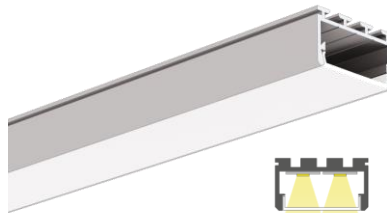
SURFACE / SUSPENDED
XCC-C-SQ-PDS4PLUS

RECTANGLE SERIES

MUD-IN RECESSED
XCC-C-RT-KOZUS



SUSPENDED
XCC-C-RT-GIZALLZMG



SURFACE
XCC-C-RT-GIZALL

RECOMMENDED ENDCAPS AND MOUNTS

SQUARE SERIES

Model	Type	Finish	XCC-E-SQ-PDS4PLUS	XCC-C-SQ-PDSNK
XCC-E-SQ-PDS4PLUS-GR-STD	End Cap	Gray	✓	
XCC-E-SQ-PDS4PLUS-WH-STD	End Cap	White	✓	
XCC-E-SQ-PDS4PLUS-BK-STD	End Cap	Black	✓	
XCC-E-SQ-PDS4PLUS-GR-HOLE	End Cap with Hole	Gray	✓	
XCC-E-SQ-PDS4PLUS-WH-HOLE	End Cap with Hole	White	✓	
XCC-E-SQ-PDS4PLUS-BK-HOLE	End Cap with Hole	Black	✓	
XCC-E-SQ-PDSNK-GR-STD	End Cap	Gray		✓
XCC-E-SQ-PDSNK-WH-STD	End Cap	Clear Plastic		✓
XCC-E-SQ-PDSNK-BK-STD	End Cap			✓
XCC-E-SQ-PDSNK-GR-HOLE	End Cap with Hole			✓
XCC-E-SQ-PDSNK-WH-HOLE	End Cap with Hole			✓
XCC-E-SQ-PDSNK-BK-HOLE	End Cap with Hole			✓
XCC-M-SQ-PDS4PLUS-PDS-WH	Mounting Bracket	White	✓	
XCC-M-SQ-PDS4PLUS-PDS-BK	Mounting Bracket	Black	✓	
XCC-M-SQ-PDS4PLUS-PDSSTN-SL	Mounting Bracket	Stainless Steel	✓	
XCC-M-SQ-PDS4PLUS-PLPDM-GR	Mounting Bracket	Gray	✓	
XCC-M-SQ-PDS4PLUS-PDSSTN90D-SL	90Deg Mount	Stainless Steel	✓	
XCC-M-SQ-PDS4PLUS-REGPD-GR	Adjustable Mount	Gray	✓	

RECOMMENDED ENDCAPS AND MOUNTS

RECTANGLE SERIES

Model	Type	Finish	XCC-C-RT-GIZALLZMG	XCC-C-RT-GIZALL	XCC-C-RT-KOZUS
XCC-E-RT-GIZALL-GR-STD	End Cap	Gray		✓	
XCC-E-RT-GIZALL-WH-STD	End Cap	White		✓	
XCC-E-RT-GIZALLZMG-GR-STD	End Cap	Gray	✓		
XCC-E-RT-GIZALLZMG-BK-STD	End Cap	Black	✓		
XCC-E-RT-KOZUS-GR-STD	End Cap	Gray			✓
XCC-M-RT-GIZALL-GIP-GR	Mounting Bracket	Gray		✓	
XCC-M-RT-GIZALL-GIP-BK	Mounting Bracket	Black		✓	
XCC-M-RT-GIZALL-REGIP-GR	Adjustable Mount	Gray		✓	
XCC-M-RT-GIZALL-GIPSTN-SL	Mounting Bracket	Stainless Steel		✓	

RECOMMENDED COVERS AND LENSES

Channel Extrusion		Frosted	Clear	Satin	Black
Square					
XCC-C-SQ-PDSNK		XCC-L-HS11-FR	XCC-L-HS11-CL	XCC-L-LIGER11-ST	XCC-L-LIGER11-BK
XCC-C-SQ-PDS4PLUS		XCC-L-HS11-FR	XCC-L-HS11-CL	XCC-L-LIGER11-ST	XCC-L-LIGER11-BK
Rectangle					
XCC-C-RT-KOZUS		XCC-L-HS22-FR	XCC-L-HS22-CL	XCC-L-LIGER22-ST	XCC-L-LIGER22-BK
XCC-C-RT-GIZALL		XCC-L-HS22-FR	XCC-L-HS22-CL	XCC-L-LIGER22-ST	XCC-L-LIGER22-BK
XCC-C-RT-GIZALLZMG		XCC-L-HS22-FR	XCC-L-HS22-CL	XCC-L-LIGER22-ST	XCC-L-LIGER22-BK

RECOMMENDED POWER SUPPLIES

			XFL SW
Standard Non-Dimmable			
Meanwell	LPV 20W	20W	✓
Meanwell	LPV 40W	40W	✓
Meanwell	LPV 60W	60W	✓
Meanwell	HLG-100H-24	96W	✓
ELV/Triac Dimmable			
Hatch	LV60-24T-UNV-RR	60W	✓
Hatch	LV96-24T-UNV-II	96W	✓
0-10V / PWM			
Meanwell	PWM-90-24	90W	✓
Meanwell	PWM-60-24	60W	✓
Meanwell	PWM-40-24	40W	✓
Ltech	LM-100-24-U2A2	96W	✓
Xicato	XMV-96V5D2M40-A6A*	96W	✓
DALI			
Ltech	LM-100-24-U2D2	96W	✓
ELDOLED	LIN100S1 / M1	96W	✓
DMX			
Ltech	LM-100-24-U2M2	96W	✓
ELDOLED	LIN100S1 / M1	96W	✓
Xicato Xmesh			
Xicato	XMV-96V5D2M40-A6A*	96W	✓

*XMV is a 24VDC driver and should be paired with an adequate standard non-dimmable driver in order to work with AC power source.

WARRANTY

10

YEAR WARRANTY

Limited Product Warranty

What is Covered

Xicato warrants the XFL product against defects in materials and workmanship for 10 years from date of purchase when used in accordance with product specifications and installation guidelines.

SAFETY AND INSTALLATION WARNINGS

1. Install per local/national electrical code by a licensed electrician.
2. Power with UL Listed Class 2, 24VDC power supply only.
3. Disconnect power before cutting or connecting tape light.
4. Do not exceed maximum run length. Cut at designated cut points only.
5. Do not power LED tape while coiled on reel.
6. Adhere to clean, dry mounting surface free of oils, silicones, and contaminants.
7. Do not install where ambient temperature exceeds rated range.
8. Verify all component compatibility before installation.
9. Do not stare directly into illuminated LED light.
10. Store unused product in anti-static bag.
11. Failure to follow instructions voids warranty.

Consumer Acknowledgment

Please read full Terms and Conditions at xicato.com. Licensed professionals strongly recommended.