Fluflux

User Manual
UL Certified Strip Light



c UL us
LISTED
E543849

FIELD CUTTABLE

TITLE 24
JA8-2019
Compliant

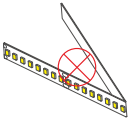
7 YEAR WARRANTY

CRI 95

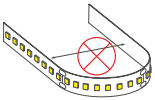
SAFETY & WARNINGS

- Install this strip light in accordance with national and local electrical code regulations.
- Fluflux recommends that you hire or consult with a qualified, licensed electrician.
- Do not modify this product or warranty will be void.
- Use this product in Dry locations.
- Install with a Listed Class 2 DC LED driver.
- This strip light is designed to be cut at designated cut points only. Cutting anywhere other than the cut points will result in damage to the strip light.
- Failure to follow safety warnings, and installation instructions will void the warranty.
- Test adhesion first when mounting on silicone-coated or textured surfaces.

WARNING: DO NOT CONNECT DIRECTLY TO LINE VOLTAGE POWER!



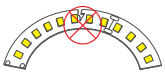
DO NOT bend at sharp angles



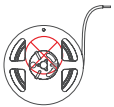
DO NOT bend less than 1'' diameter



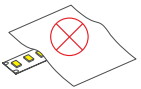
DO NOT twist the strip



DO NOT bend on a horizontal plane



DO NOT power on when the strip is on spool



DO NOT cover the strip

TECHNICAL INFORMATION

Diode Type:	2835 SMD	Diode per Foot	48pcs
Operating Temperature	-13° F to 140° F	Ambient Temperature	-40° F to 176° F
Mounting	3M™ VHB™ Tape	Environment	Indoor, Dry, Damp
Input Voltage	24V DC	Certifications	UL 2108 Listed, RoHS
Dimmable	Yes	Warranty	7 Year Limited

Specifications subject to change without notice.

PRODUCT INFORMATION

Fluflux Line Series - 2835 Standard / 300+ LM/FT

Spool Length	Max Run	CCT	SKU	Lumen/FT	Efficacy(lm/W)	CRI	R9	R13
16.4 FT	28 FT	2700K	FL-02-24V-11-1627	344	126	95	97	95
		3000K	FL-02-24V-11-1630	330	124	96	98	98
		3500K	FL-02-24V-11-1635	344	128	96	99	99
		4000K	FL-02-24V-11-1640	337	128	95	91	96
32.8 FT	28 FT	2700K	FL-02-24V-11-3327	344	126	95	97	95
		3000K	FL-02-24V-11-3330	330	124	96	98	98
		3500K	FL-02-24V-11-3335	344	128	96	99	99
		4000K	FL-02-24V-11-3340	337	128	95	91	96

Fluflux Line+ Series - 2835 Plus / 500+ LM/FT

Spool Length	Max Run	CCT	SKU	Lumen/FT	Efficacy(lm/W)	CRI	R9	R13
16.4 FT	22 FT	2700K	FL-02-24V-12-1627	528	125	95	97	95
		3000K	FL-02-24V-12-1630	511	124	96	98	98
		3500K	FL-02-24V-12-1635	522	126	96	99	99
		4000K	FL-02-24V-12-1640	526	128	95	91	96
32.8 FT	22 FT	2700K	FL-02-24V-12-3327	528	125	95	97	95
		3000K	FL-02-24V-12-3330	511	124	96	98	98
		3500K	FL-02-24V-12-3335	522	126	96	99	99
		4000K	FL-02-24V-12-3340	526	128	95	91	96

POWER CONSUMPTION PER LINEAR FOOT

Fluflux Line Series - 2835 Standard / 300+ LM/FT
Max Run (Before Refeeding): 28 FT

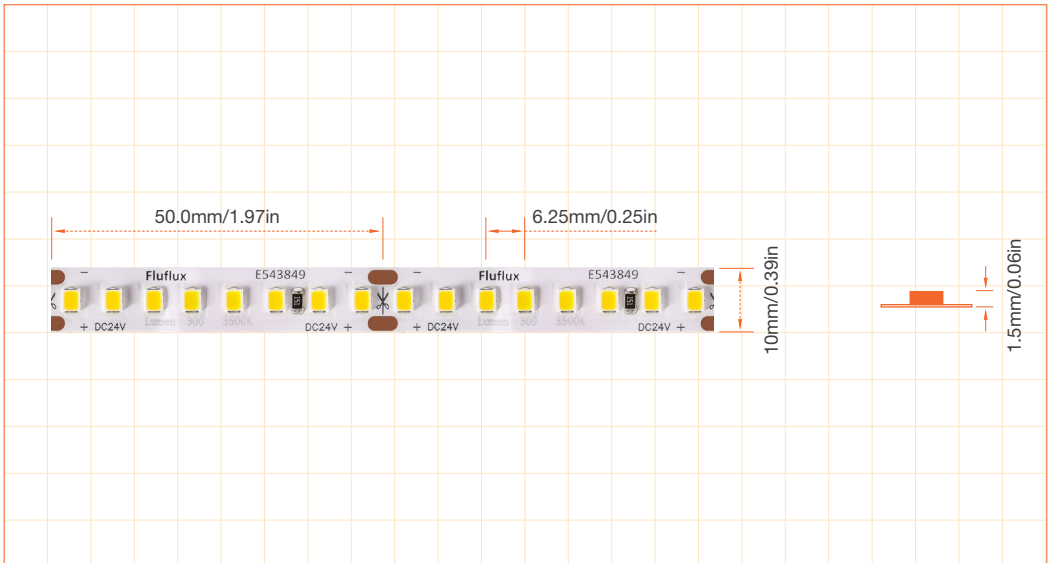
Length in Feet	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Total Current (A)	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4
Total Wattage (W)	2.7	5.4	8.1	10.7	13.3	15.9	18.4	20.9	23.3	25.7	28.0	30.2	32.4	34.5
Length in Feet	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**
Total Current (A)	1.5	1.6	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.2	2.2	2.3	2.3	2.4
Total Wattage (W)	36.6	38.6	40.5	42.3	44.0	45.7	47.3	48.9	50.4	51.8	53.2	54.5	55.8	57.0

Fluflux Line+ Series - 2835 Plus / 500+ LM/FT
Max Run (Before Refeeding): 22 FT

Length in Feet	1	2	3	4	5	6	7	8	9	10	11
Total Current (A)	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.5	1.6	1.7
Total Wattage (W)	4.2	8.3	12.4	16.4	20.4	24.2	27.9	31.6	35.0	37.4	41.5
Length in Feet	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**
Total Current (A)	1.9	2.0	2.1	2.3	2.3	2.4	2.5	2.6	2.7	2.8	2.9
Total Wattage (W)	44.8	47.8	50.8	53.5	56.1	58.6	60.8	63.0	65.0	67.0	68.9

Use a power supply rated at least 20% higher than strip wattage for longer lifespan, better stability, and safer operation.

DIMENSIONS


50.0mm/1.97in
6.25mm/0.25in
Fluflux
E543849
DC24V
10mm/0.39in
1.5mm/0.06in

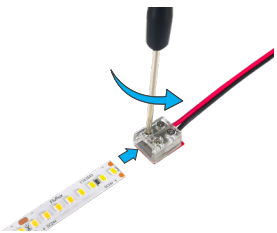
COMPATIBLE SOLDERLESS CONNECTORS (SOLD SEPARATELY)

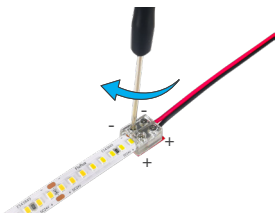
Fluflux 10mm Power Connector



Fluflux 10mm Jumper Connector



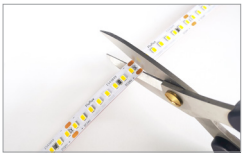








INSTALLATION



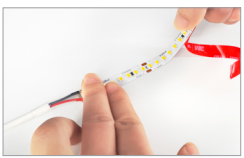
Cut the strip light to desired lengths as required for your application
Only cut the strip light along the designated cut line as shown.



Clean the mounting surface and let it dry for about 5 minutes.
Ensure it's free of dust, oil, or any contaminants.



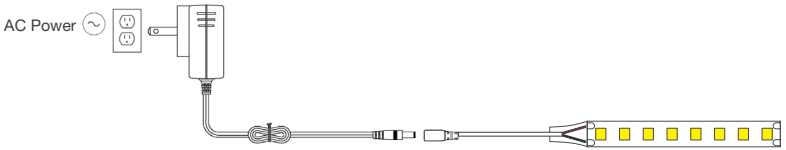
Remove backing on the strip light to expose adhesive.



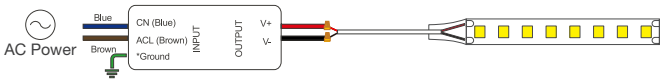
Carefully press the strip light to the mounting surface.
Avoid using excessive force and avoid pinching.

SYSTEM DIAGRAM

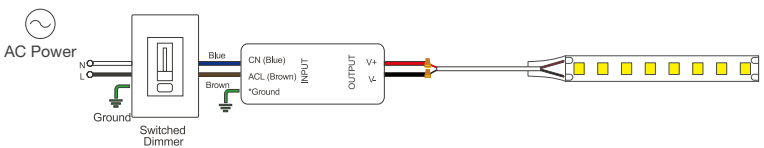
Plug & Play



Hard Wire



Dimming Option



Thanks for Choosing Fluflux!

Have any questions or concerns?
Please contact us
solutions@fluflux.com
www.fluflux.com