FLEX STRIP TRANSFORMERS

Maximum Length Maximum Single Amp Circuit Run Before Refeeding

The maximum capacity of a system must not exceed 25 amps. Maximum total wattage is 600W at 24V and 300W at 12V. Run lengths exceeding these limitations require multiple fixtures, each with independent feed running to the transformer.

To determine the required quantity of feeds:

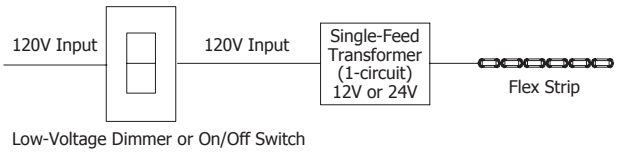
	Example:
1. Add up the total Flex Strip length in feet	(Ft. of Flex Strip) 100
2. Multiply by 5.3 (lamp sockets per foot)	x 5.3 =530
3. Multiply result by watts per chosen lamp	(3W) x 3 =1,590
4. Divide by maximum total wattage	(24V) ÷ 600 = 2.3
5. Round up to next whole number	= 3
See transformers listed below.	(Three 600W feeds required)

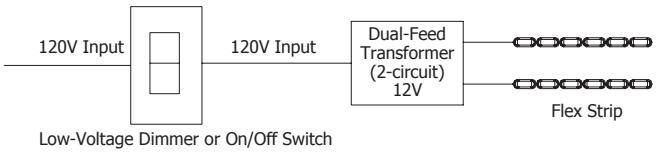
Maximum Length Chart (25 Amps)

Lamp Code	Volts/Watts	Max Lamps	Max Length
XF12V3W	12V 3W	100	18 ft 10 in (574.04cm)
XF12V5W	12V 5W	60	11 ft 4 in (345.44cm)
XF24V3W	24V 3W	200	37 ft 8 in (1148.08cm)
XF24V5W	24V 5W	120	22 ft 8 in (690.88cm)

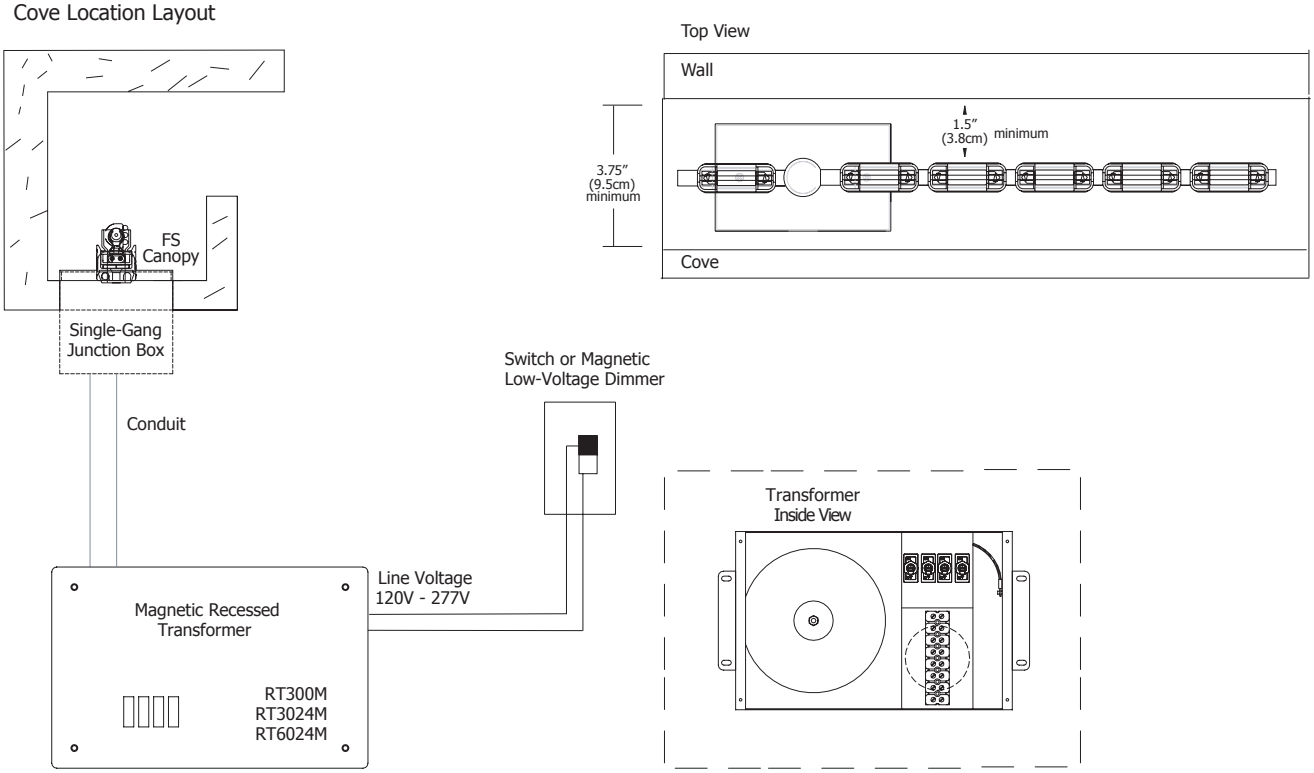
Locate the power feed in the middle of fixture run to ensure even illumination

Flex Strip System Layout





Cove Location Layout



Single Feed (1-circuit) Transformers

Magnetic Surface	Magnetic Recessed	Electronic Surface	3W Lamp	5W Lamp
AT60			3 ft 6 in	2 ft 1 in
AT150			9 ft 5 in	5 ft 8 in
AT300	**RT300M**	**901303070-12V**	18 ft 10 in	11 ft 4 in
AT3024	**RT3024M**	**901303100-24V**	18 ft 10 in	11 ft 4 in
AT6024	**RT6024M**		37 ft 8 in	22 ft 8 in

Dual Feed (2-circuit) Transformers

Magnetic Surface	Magnetic Recessed	Circuits	3W Lamp	5W Lamp
AT600	**RT600M**	2 x 12V 300W	2 x 18 ft 10 in	2 x 11 ft 4 in

COMPANY: FIXTURE TYPE: DATE:

PROJECT: CONSULTANT: APPROVED BY:

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