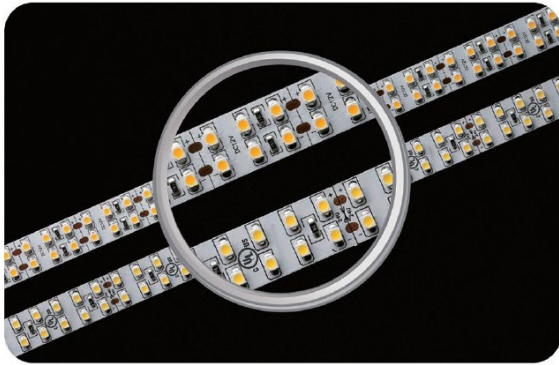


5.8W/FT LOVO™FLEX DOUBLE ROW LED FLEXIBLE TAPE LIGHTING



Client:

Project:

Type:

Order Code:

Quantity:

Lovo™Flex offers exciting LED Lighting Options for your design, from accent lighting to compelling action lighting to make your image stand out from the crowd! It provides an affordable, low energy consumption solution where stability and longevity are paramount. Manufactured with top-tier authentic premium Epistar LED chips, the SMD 2835 LED Flexible Tape Lighting is built to last. In addition to low energy consumption, these strips operate at a low temperature which means they can be used just about anywhere. They are designed for interior and exterior use and are able to bend and twist in just about any direction imaginable

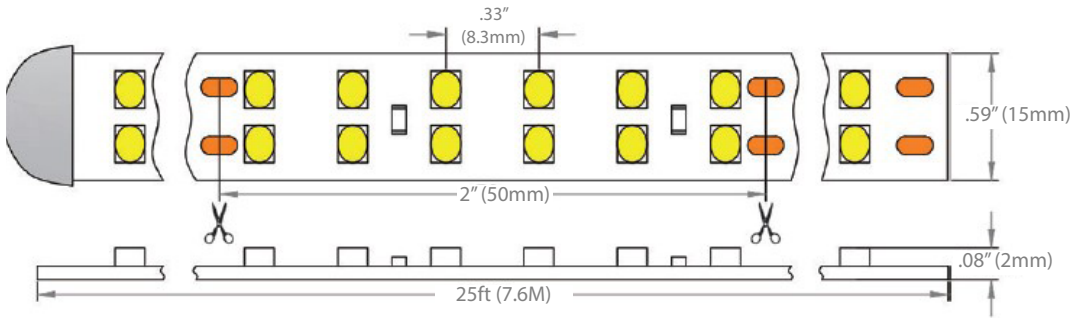
SPECIFICATIONS

Product Number	6040-FLDR-5.8W24V-xxK
Voltage	24VDC
Length	20Ft (6M) or 100Ft (30M)
Color Temperature	2700K, 3000K, 3500K, 4000K, or 6000K
Wattage	5.8 Watts/Ft / 19.2 Watts/M
Lumens	2700K - 634lm/Ft / 2080lm/M (Warmer White) 3000K - 640lm/Ft / 2100lm/M (Warm White) 3500K - 644lm/Ft / 2110lm/M (Warm White) 4000K - 646lm/Ft / 2120lm/M (Natural White) 6000K - 672lm/Ft / 2200lm/M (Pure White)
Maximum Run	25 Ft / 7.6 M
Beam Angle	120 degree
Dimming	Yes
Material	White PCB, Copper Strip, Tesa® Tape Backing
Cuttability	Every 2" (50mm)
IP Rating	IP43 or IP67 (other IP options Available Upon Request)
Dimensions	15mm (.59mm)W x 2mm (.08")H x Reel Length
Switching	Hardwire or Plug-in
Mounting	Attached Tesa® Tape or Extrusions
LED Type & Size	Premium Epistar 2835
LED Qty	72 LEDs/ft / 240 LEDs/M
Rated Life	50,000 Hours
Warranty	5 Years
Certifications	cULus 469399

5.8W/FT LOVO™ FLEX DOUBLE ROW LED FLEXIBLE TAPE LIGHTING



DIMENSIONS



ORDER CODES

6040-FLDR-5.8W24V- -

Color Temp:
 27K = 2700K
 30K = 3000K
 35K = 3500K
 4K = 4000K
 6K = 6000K

IP:
 IP43
 IP67

RELATED PRODUCTS

POWER SUPPLIES *More Power Supplies Available Upon Request



PLUG-IN

- Item #5000-PSU-20W24V**
20 Watt 24 Volt with FC Connector
- Item #5000-PSU-60W24V**
60 Watt 24 Volt with FC Connector
- Item #5000-PSU-96W24V**
96 Watt 24 Volt with FC Connector



HARDWIRE 0-10V Dimming Class 2 UL Listed

- Item #5150-PSU-7512V**
75 Watt 12Vdc
- Item #5150-PSU-10024V**
100 Watt 24Vdc



HARDWIRE CV NON Dimming Constant Voltage, Class 2 UL Listed

- Item #5015-PSU-60W24V-JB-CL2**
60W 24Vdc 120-277V PSU c/w JBox, CI2, Non Dim IP20, UL Listed
- Item #5015-PSU-96W24V-JB-CL2**
96W 24Vdc 120-277V PSU c/w JBox, CI2, Non Dim IP20, UL Listed
- Item #5040-PSU-2X96W24V-JB-CL2**
2x96W 24Vdc 120-277V PSU c/w JBox, CI2, Non Dim IP20, UL Listed
- Item #5040-PSU-3X96W24V-JB-CL2**
3x96W 24Vdc 120-277V PSU c/w JBox, CI2, Non Dim IP20, UL Listed
- Item #5040-PSU-4X96W24V-JB-CL2**
4x96W 24Vdc 120-277V PSU c/w JBox, CI2, Non Dim IP20, UL Listed



HARDWIRE TRIAC Dimming Constant Voltage, Class 2 UL Listed

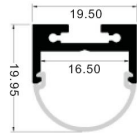
- Item #5030-PSU-30W24V-TRI-DIM-JB-CL2**
30W 24Vdc 120-277V PSU c/w JBox, CI2, Triac Dim IP20, UL Listed
- Item #5030-PSU-60W24V-TRI-DIM-JB-CL2**
60W 24Vdc 120-277V PSU c/w JBox, CI2, Triac Dim IP20, UL Listed
- Item #5030-PSU-96W24V-TRI-DIM-JB-CL2**
96W 24Vdc 120-277V PSU c/w JBox, CI2, Triac Dim IP20, UL Listed
- Item #5030-PSU-2x96W24V-TRI-DIM-CL2**
2x96W 24Vdc 120-277V PSU c/w JBox, CI2, Triac Dim IP20, UL Listed
- Item #5030-PSU-3x96W24V-TRI-DIM-CL2**
3x96W 24Vdc 120-277V PSU c/w JBox, CI2, Triac Dim IP20, UL Listed

5.8W/FT LOVO™ FLEX DOUBLE ROW LED FLEXIBLE TAPE LIGHTING

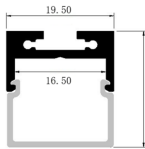


RELATED PRODUCTS

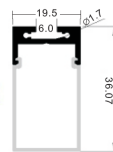
ALUMINUM PROFILE EXTRUSIONS (Please see individual channel spec sheets for accessory details)
 *More Aluminum Profile Extrusions Available Upon Request



Item #6100-AP-SM-2119ABC
 Aluminum Led Profile With Frosted Cover
A- Round Frosted Lens Profile
 .77" W x .79" H x 8ft
 19.5mm W x 19.95mm H x 2400mm L



B- Square Frosted Lens Profile
 .77" W x .83" H x 8ft
 19.5mm W x 21.05mm H x 2400mm L



C-Rectangle Frosted Lens Profile
 .77" W x 1.42" H x 8ft
 19.5mm W x 36.07mm H x 2400mm L
 C/W 2 End Caps and 2 Clips

LOVO™ FC "FAST CONNECT" CABLE SYSTEM (Please see individual spec sheets for accessory details)



Solder Tip - Male
Item #8100-FC-M-2C-4in
8100-FC-M-2C-1ft
 24V Max 6 Amps
 4" or 12" Male to Raw
 Wire Barrel Connector



Solder Tip - Female
Item #8100-FC-F-2C-4in
8100-FC-F-2C-1ft
 24V Max 6 Amps
 4" or 12" Female to Raw
 Wire Barrel Connector



Extensions
Item #8110-FC-EXT-2C
 Available in 1.5ft, 3Ft, 5ft,
 6Ft, 10ft, or 16ft
 Male to Female Extension
 Barrel Connector Cables
 24 Max 6 Amps

LOVO™ FC "FAST CONNECT" SPLITTERS



2-Way Splitter
Item #8120-FC-2Y-2C-1.5ft
 24 Max 6 Amps
 2 Way Adapter



6-Way Splitter
Item #8120-FC-6Y-2C-1.5ft
 24 Max 6 Amps
 6 Way Adapter



2-Way Block
Item #8120-FC-2Y-BLC
 24 Max 6 Amps
 2 Way Adapter

LED DIMMING CONTROLLERS *More Lighting Controllers Available Upon Request



PLG-M1 Dimming Remote
Item #8000-CTRL-D
 Working Voltage: 3 Vdc
 (Battery CR2032)
 Working Frequency: 433.92 MHz
 Remote Distance: 100ft
 Working Temp: -30C-55 C
 Weight (N.W.): 42g



Prism TRIAC Dimmer
 120V Rated
 150 Watt LED/CFL
 600 Watt Incan/Halogen
 Available in most finish colors
 More Compatible Dimmer List Available upon
 Request

5.8W/FT LOVO™FLEX DOUBLE ROW LED FLEXIBLE TAPE LIGHTING



INSTALLATION

- For outdoor use, make sure all connectors are sealed with silicone and shrink tube and drivers are housed in weatherproof enclosures.
- M Series Dimmer (PWM) must have 24V DC input (not line voltage)
- Dimming drivers are compatible with most triac, ELV and MLV dimmers with 10-100% light control
- Multiple extrusions are available for use in surface mount and recessed applications
- Simple Guide to sizing power supply with 5.8W/Ft LovoFlex Tape Lighting (based on 80% lighting wattage load on power)

Power Supply	Max. Number of Feet per Power Supply
20 Watt 24V DC Power Supply	3 Feet
30 Watt 24V DC Power Supply	4.5 Feet
60 Watt 24V DC Power Supply	9 Feet
96 Watt 24V DC Power Supply	13 Feet

*For Multi 96W Output Class 2 Power Supplies each output can run maximum 13.5 Feet.

*If beyond 25ft of LED Tape lighting, split into 2 circuits on 1 driver or divide the load based on max continuous run.

*Recommended Max 80%

*Larger power supplies available upon request.

INFORMATIONAL VIDEOS

For more information, watch the LOVO™ Flexible Strip Series videos from our YouTube Channel, <https://www.youtube.com/user/PrismLighting>



<https://youtu.be/kseubaC4rog>



<https://youtu.be/gcFl-rX73hA>



<https://youtu.be/kseubaC4rog>