



adfex

Flexible LED Strip System



Flexible LED strip

60 & 120 LEDs per metre

Quick and easy to install, with a long life and energy efficient, the adflex flexible LED strip system is perfect for architectural details as well as Point of Sale, transport, hospitality and commercial buildings.

Product highlights include:

- Operating voltage (V): 12V or 24V DC

Key attributes include:

- Light efficacy rating: 97 lumens per Watt
- Beam angle: 120 degree
- Driver type: Constant voltage
- Operating temperature (range): -40 to 60°C
- CRI: >80Ra
- IP rating: IP20
- 3M self adhesive backing
- Cut points every 50mm
- Customisable length



Typical usage:

- Header / graphic illumination
- Cabinet
- Refrigeration
- Wall washers
- Canopy lighting
- Hotels
- Offices
- Retail stores
- Schools / universities
- Hospitals
- Plinth
- Undershelves

Product codes

Product code	Description	LEDs p/metre	Wattage (W)	Colour (K)	Lumens/metre (lm)
ADV FLEX-12-60-30	5m flexible LED tape 12V 4.8W per metre 3000K	60	4.8	3000	450
ADV FLEX-12-60-40	5m flexible LED tape 12V 4.8W per metre 4000K	60	4.8	4000	450
ADV FLEX-12-60-60	5m flexible LED tape 12V 4.8W per metre 6000K	60	4.8	6000	450
ADV FLEX-12-120-30	5m flexible LED tape 12V 9.6W per metre 3000K	120	9.6	3000	900
ADV FLEX-12-120-40	5m flexible LED tape 12V 9.6W per metre 4000K	120	9.6	4000	900
ADV FLEX-12-120-60	5m flexible LED tape 12V 9.6W per metre 6000K	120	9.6	6000	900
ADV FLEX-24-60-30	5m flexible LED tape 24V 4.8W per metre 3000K	60	4.8	3000	450
ADV FLEX-24-60-40	5m flexible LED tape 24V 4.8W per metre 4000K	60	4.8	4000	450
ADV FLEX-24-60-60	5m flexible LED tape 24V 4.8W per metre 6000K	60	4.8	6000	450
ADV FLEX-24-120-30	5m flexible LED tape 24V 9.6W per metre 3000K	120	9.6	3000	900
ADV FLEX-24-120-40	5m flexible LED tape 24V 9.6W per metre 4000K	120	9.6	4000	900
ADV FLEX-24-120-60	5m flexible LED tape 24V 9.6W per metre 6000K	120	9.6	6000	900

Accessories



10 way XH distribution block 10A



Power lead



Snappy connector

Product codes

Product code	Description
PLU549-10A	XH 10 way distribution block
ADVFLX-LV-PWR-500	Low voltage power lead, 500mm
ADVFLX-LV-PWR-1000	Low voltage power lead, 1000mm
ADVFLX-LV-PWR-2000	Low voltage power lead, 2000mm
ADVFLX-LV-CON	Low voltage snappy flexi connector

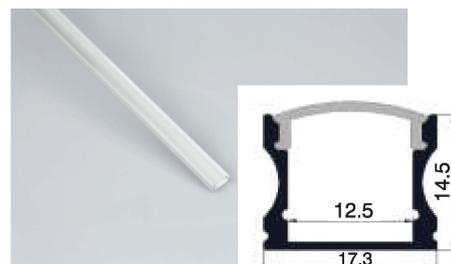
Aluminium extrusions



Slim



Recessed



Standard

Product codes

2 metre - aluminium extrusion

End caps and mounting clips

Product code	Description	Product code	Description
ADVALU-YM-SLI-CL	2 metre slim aluminium extrusion, clear lens	ADVALU-YM-SLI-CAP	End cap for slim aluminium profile
ADVALU-YM-SLI-OP	2 metre slim aluminium extrusion, opal lens	ADVALU-YM-STD-CAP	End cap for standard aluminium profile
ADVALU-YM-STD-CL	2 metre standard aluminium extrusion, clear lens	ADVALU-YM-REC-CAP	End cap for recessed aluminium profile
ADVALU-YM-STD-OP	2 metre standard aluminium extrusion, opal lens	ADVALU-YM-CLI	Mounting clip for all aluminium profiles
ADVALU-YM-REC-CL	2 metre recessed aluminium extrusion, clear lens		
ADVALU-YM-REC-OP	2 metre recessed aluminium extrusion, opal lens		

LED constant voltage driver

12V & 24V options

A compact constant voltage LED driver designed for use in a range of applications.

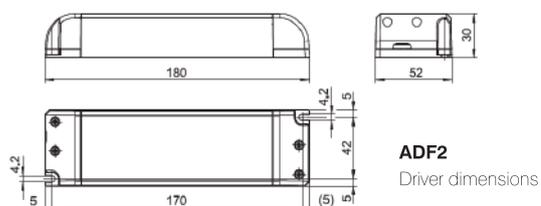
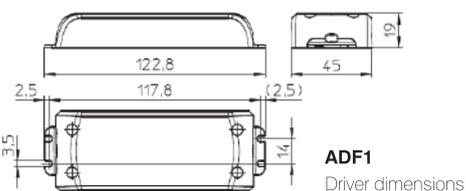
Features include:

- Power factor at full load: >0,97
- Short-circuit protection: electronic
- Overload protection: reversible
- Protection against 'no load' operation
- Degree of protection: IP20
- Operating ambient temperature: -20 to 45°C
- Operating hours: 30,000

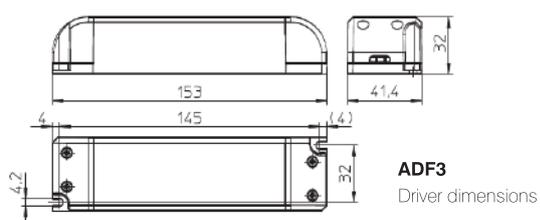


Product codes

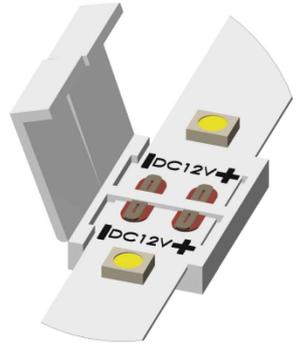
	Product code	Description	Power output (W)	Mains voltage (V)	Output voltage (V)	Efficiency at full load % (230V)
ADF1	DRI-ADV-VS-A20-12	20W, constant voltage 12V driver	20	220 - 240	12	83
ADF2	DRI-ADV-VS-A60-12	60W, constant voltage 12V driver	60	220 - 240	12	88



	Product code	Description	Power output (W)	Mains voltage (V)	Output voltage (V)	Efficiency at full load % (230V)
ADF3	DRI-ADV-VS-A30-24	30W, constant voltage 24V driver	30	220 - 240	24	85
ADF2	DRI-ADV-VS-A60-24	60W, constant voltage 24V driver	60	220 - 240	24	87
ADF2	DRI-ADV-VS-A75-24	75W, constant voltage 24V driver	75	220 - 240	24	88



Installation instructions

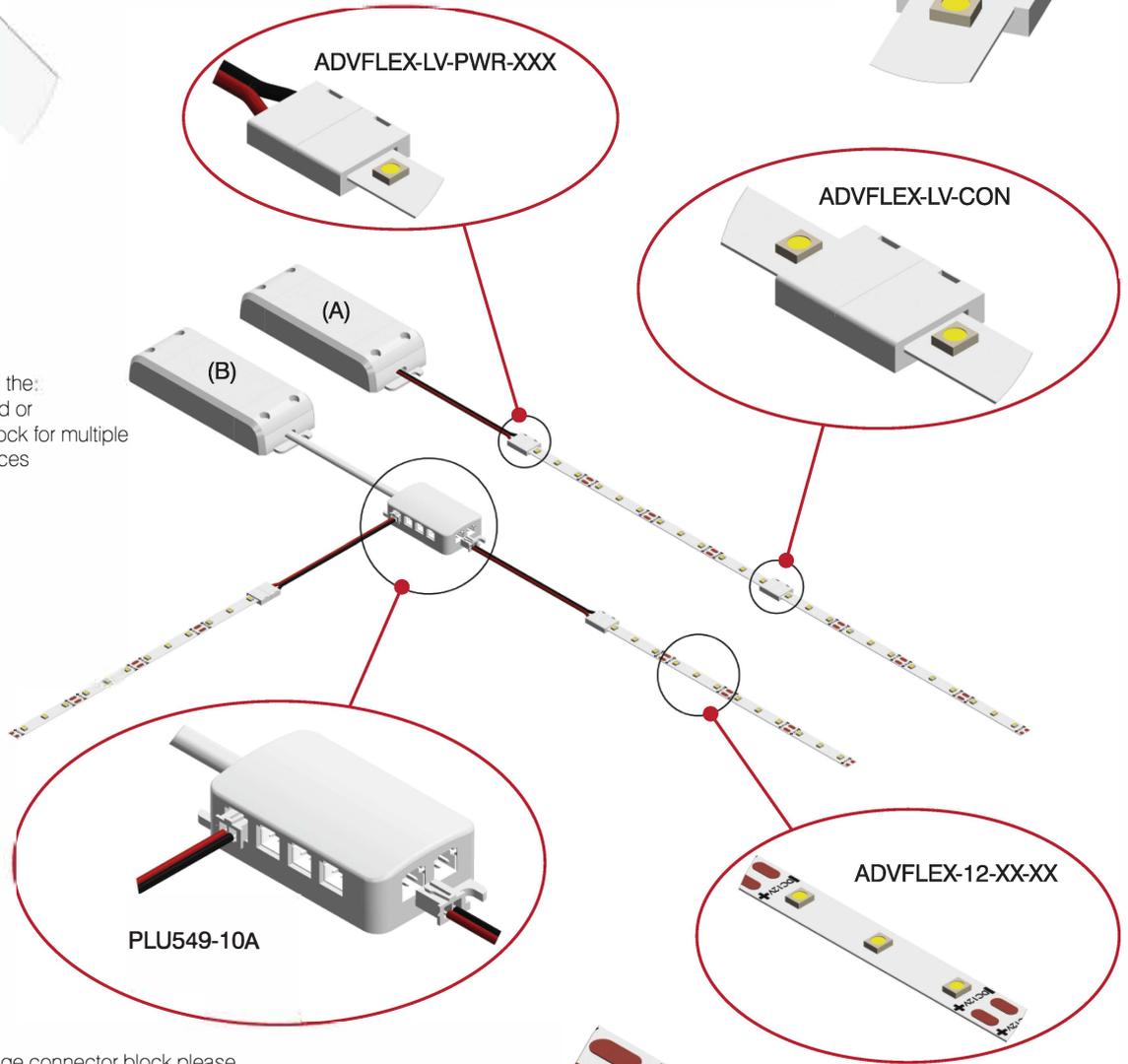


Attach lengths of LED tape together by sliding in and ensuring they locate under the two metal tabs. Make sure + and + align as in the image.



Connect LED tape to the power by sliding in and ensuring that it locates under the two metal tabs. The RED wire must align with the + on the LED tape.

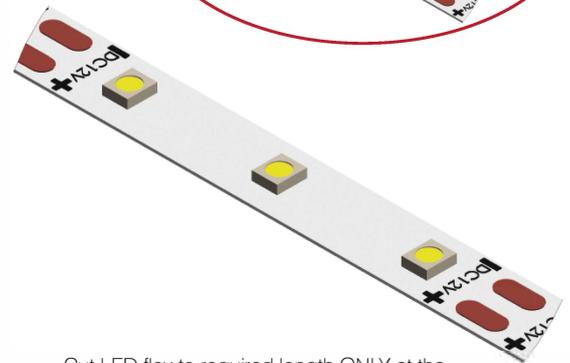
Driver can be supplied with the:
(A) LED connector attached or
(B) 10 output connector block for multiple LED lengths in different places



To use the 10 way low voltage connector block please order the ADVFLEX-LV-PWR lead with XH connectors. These plug straight into the connector block.

Safety notes

- Disconnect mains power before working on the system
- Ensure the driver voltage (12V or 24V) matches the LED tape
- The total wattage of the LED tape must not exceed the driver wattage
- Driver must be wired to the mains supply by qualified personnel only
- For indoor use only in dry areas
- Do not use if parts are damaged in any way



Cut LED flex to required length ONLY at the marked cut points using sharp scissors.



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