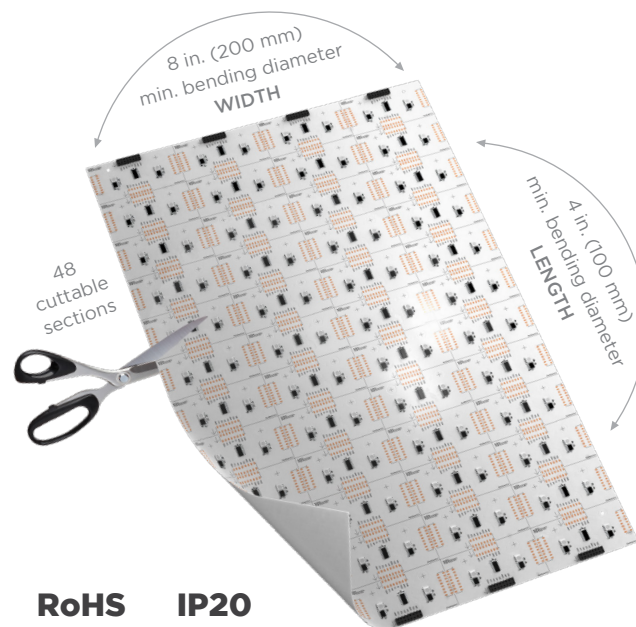


FLEXIBLE BACKLYTE ADDRESSABLE SHEET

The Flexible BackLyte Addressable Sheet lets you program and control individual pixels for precision lighting effects. Each 12.6 x 18.9 in. (320 x 480 mm) sheet includes 96 RGB pixels. The sheet is only 0.08 in. (2 mm) thick. Trim, bend and daisy chain each Flexible BackLyte Addressable Sheet to create custom shapes. Cut around any obstacles! Use with incredibly simple SPI (Serial Peripheral Interface) controls for amazing color changing effects.

- Flexible 12.6 x 18.9 in. (320 x 480 mm) sheet
- 48 cuttable rectangles
- 624 lm/sheet (all on)
- 96 RGB pixels per sheet spaced at 1.6 in. (40 mm)
- Program each individual LED pixel
- Uses SPI controls
- 8 in. (200 mm) min. bending diameter (width)
- 4 in. (100 mm) min. bending diameter (length)
- 12V
- Daisy chain up to 10 full sheets with jumpers
- IP20 for indoor use
- 5-year warranty



RoHS IP20

ORDERING GUIDE

Category	Voltage	IP Rating	Wattage	Color or Color Temperature
FBLADD	12	20	24	RGB
FBLADD - Flexible Backlyte Addressable	12 - 12V DC	20 - IP20	24 - 24 W	RGB - Red, Green, Blue

AVAILABLE COLORS



RGB

ACCESSORIES:

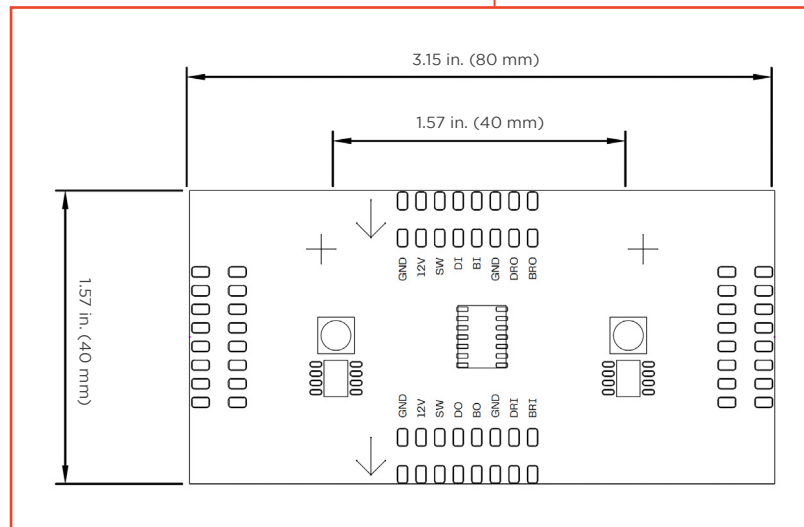
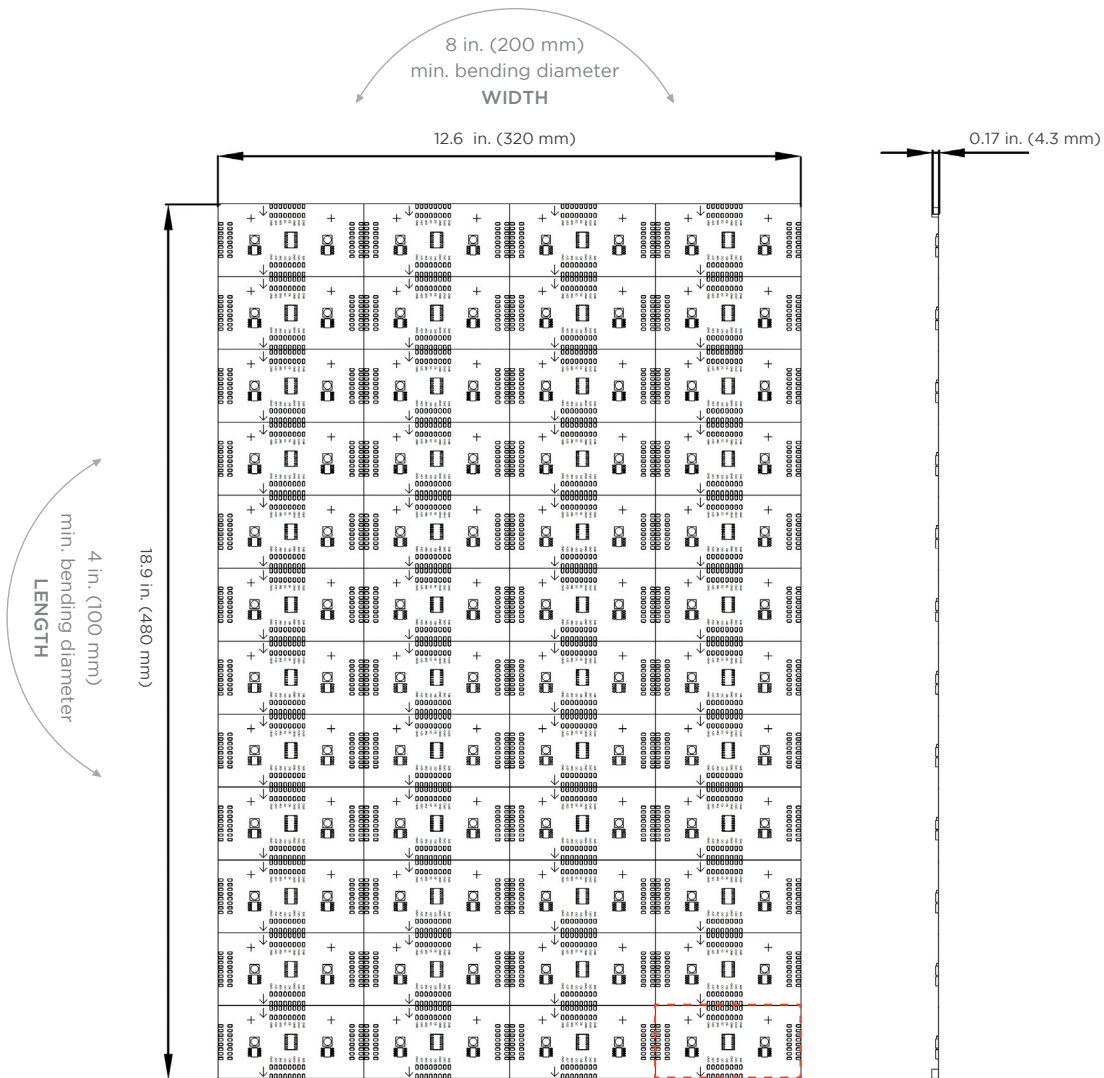
1. Jumper
ADDBLJUMP
2. Lead PCB
ADDBLHEADER
3. Lead Cable
ADDBLCBLFB1000 (3 ft 3.3 in. | 1 m)
ADDBLCBLFB2000 (6 ft 6.7 in. | 2 m)
ADDBLCBLFB3000 (9 ft 10 in. | 3 m)
4. Easy Connect
DIGIEC

SPECIFICATIONS

Operating Voltage	12V DC
Power Consumption	24 W
Luminous Efficacy	26 lm/W
Beam Angle	120°
LEDs per sheet	96
LED spacing	1.57 in. (40 mm)
Pixels per fixture	96
Color Temperature	RGB
Luminous Flux	624 lm per sheet
Minimum Bend Diameter	Length: 4 in. (100 mm) Width: 8 in. (200 mm)
Protection Rating	IP20
Storage Temperature	-40° F to 176° (-40° C to 80° C)
Operating Temperature	-22° F to 140° (-30° C to 60° C)
Lamp Life	50,000 Hours
Dimensions (LxWxH)	18.89 x 12.59 x 0.078 in. (480 x 320 x 2 mm)
Warranty	5 Years

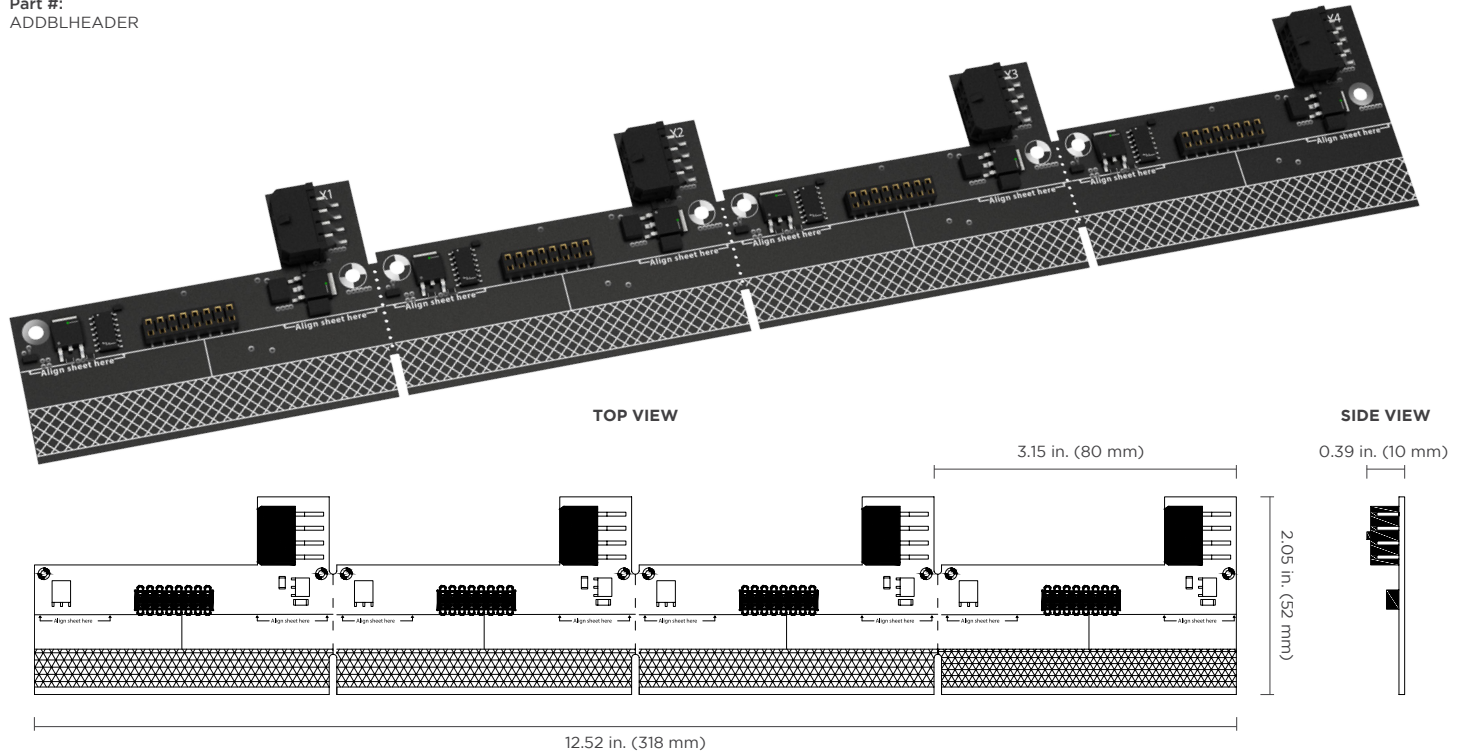
Acolyte does not warrant or represent that the information is free from errors or omission. The information may change without notice and Acolyte is not in any way liable for the accuracy of any information printed and stored or in any way interpreted or used.

DIMENSIONS



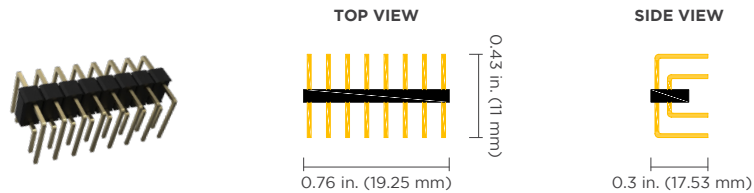
LEADER PCB

Part #:
ADDBLHEADER

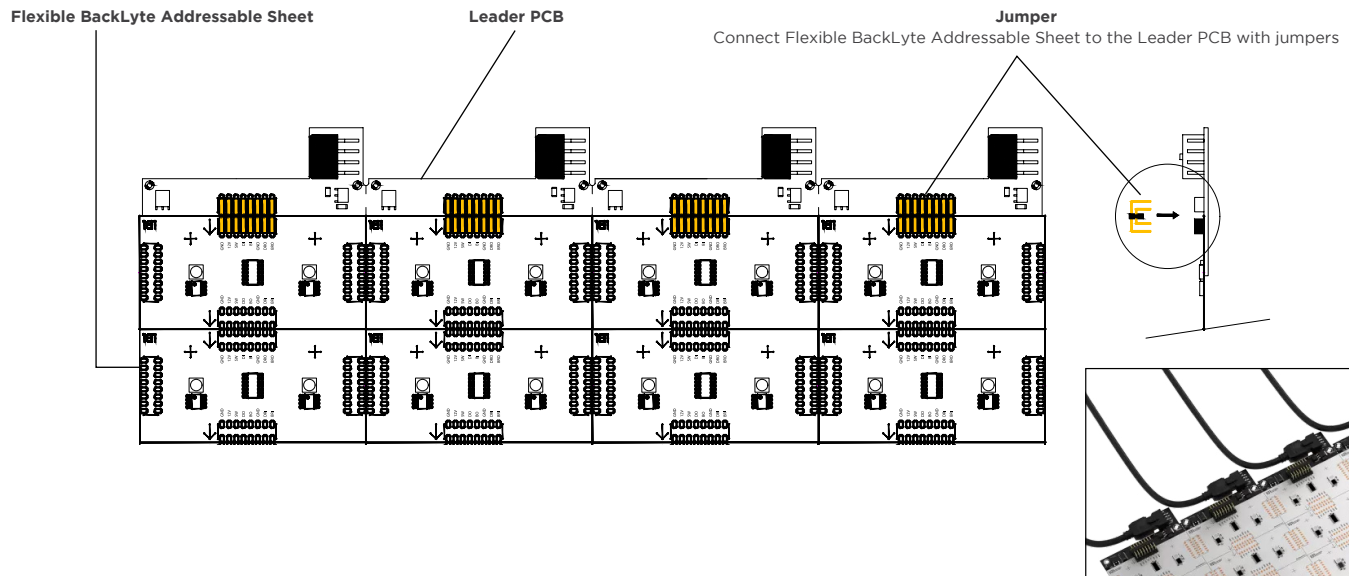


JUMPER

Part #:
ADDBLJUMP

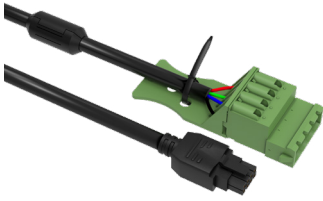


ASSEMBLED VIEW

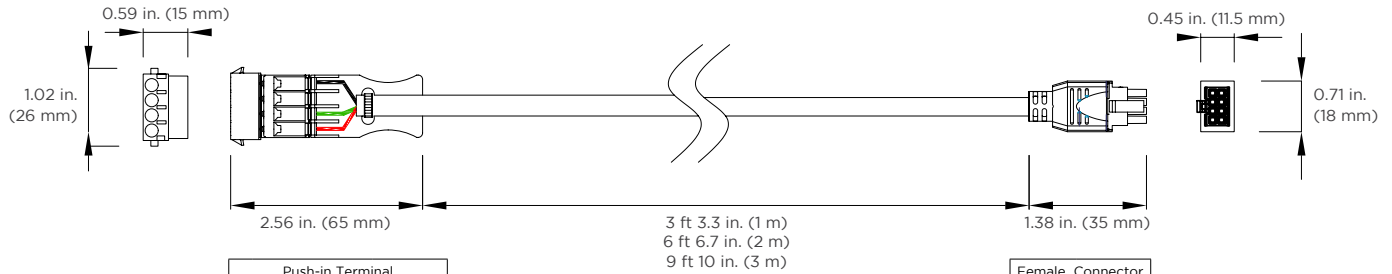




LEADER CABLE (PUSH-IN TERMINAL TO FEMALE CONNECTOR)



Part #:
ADDBLCBLFB1000 (3 ft 3.3 in. | 1 m)
ADDBLCBLFB2000 (6 ft 6.7 in. | 2 m)
ADDBLCBLFB3000 (9 ft 10 in. | 3 m)



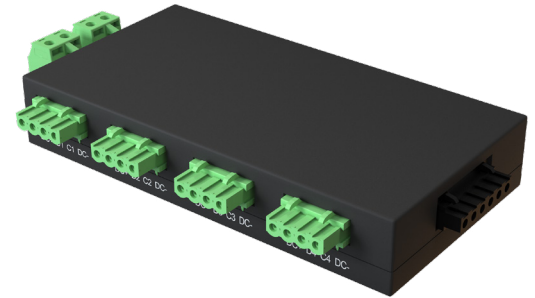
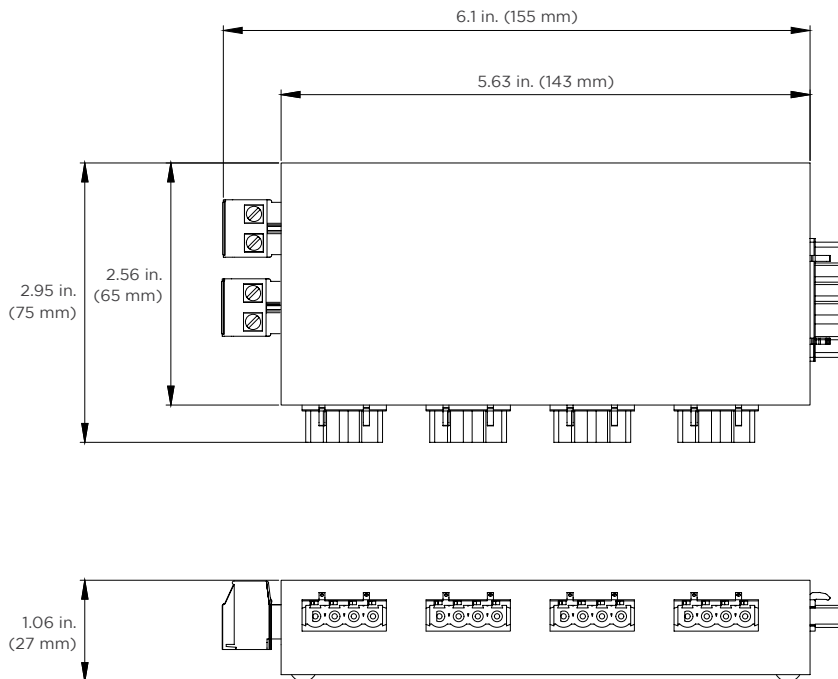
Push-in Terminal		
1	Red	V +
2	Green	Data
3	Not used	Not used
4	Black	GND

Female Connector	
1	V +
2	V +
3	V +
4	V +
5	Data
6	GND
7	GND
8	GND

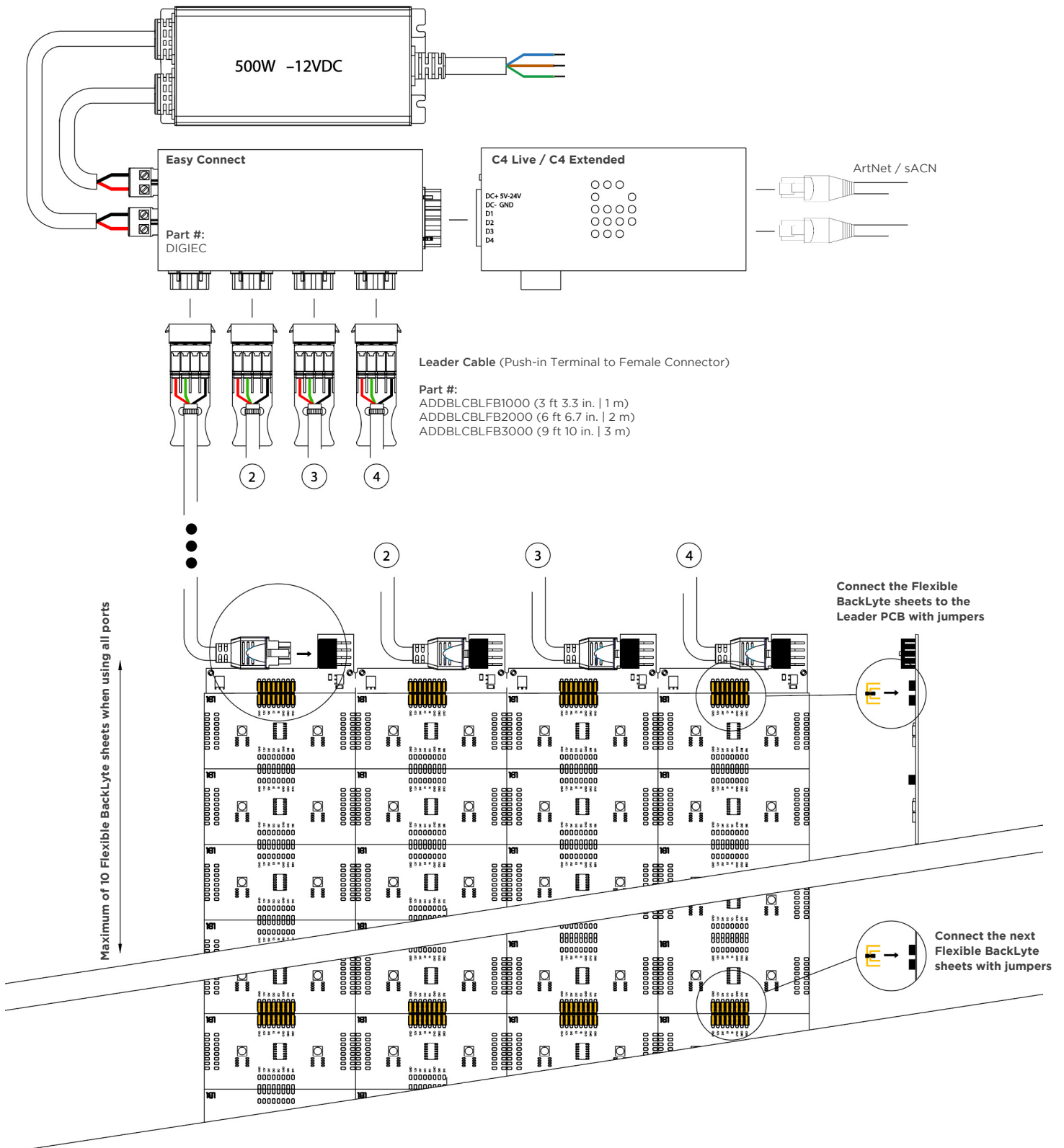
EASY CONNECT

Easy Connect is a plug and play connector that joins your C4 controller and power supply with your LEDs. No complex wiring required. Connect your power supply on one side and the input cable on the other.

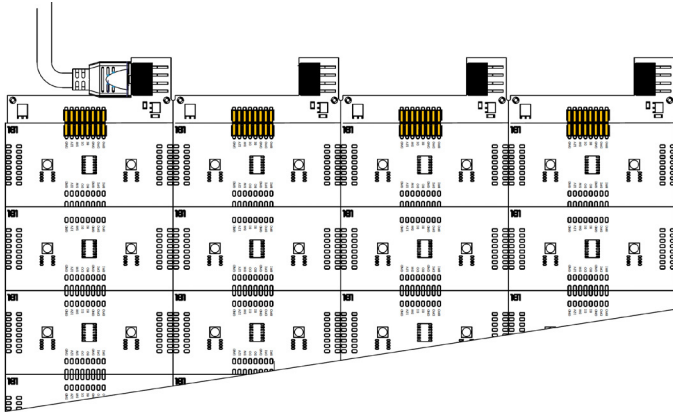
Part #:
DIGIEC



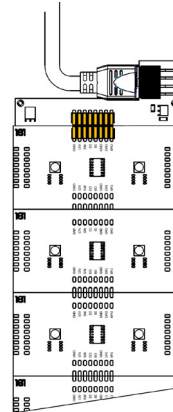
CONNECTIONS



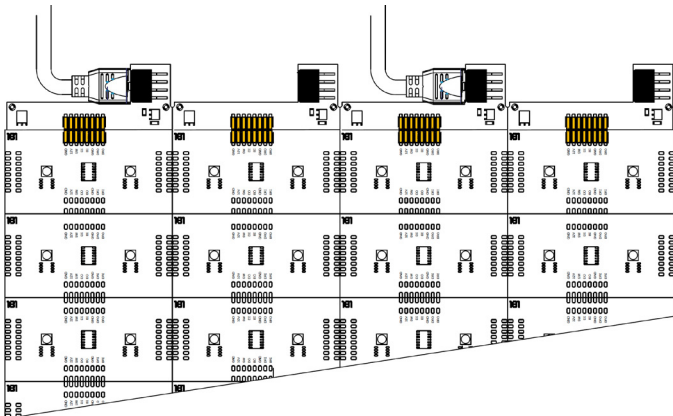
CONNECTION EXAMPLES



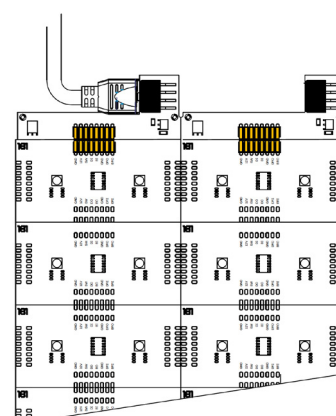
Max 240 pixels when using 1 input cable



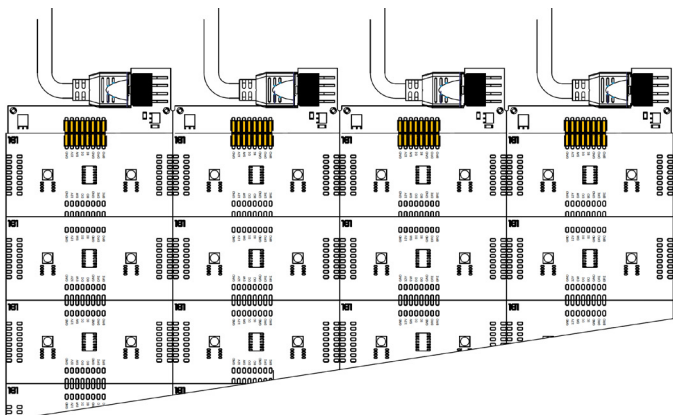
Max 240 pixels when using 1 input cable



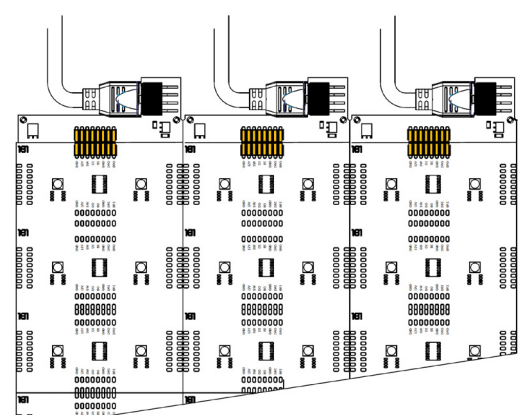
Max 480 pixels when using 2 input cables



Max 240 pixels when using 1 input cable



Max 960 pixels when using 4 input cables



Max 720 pixels when using 3 input cables