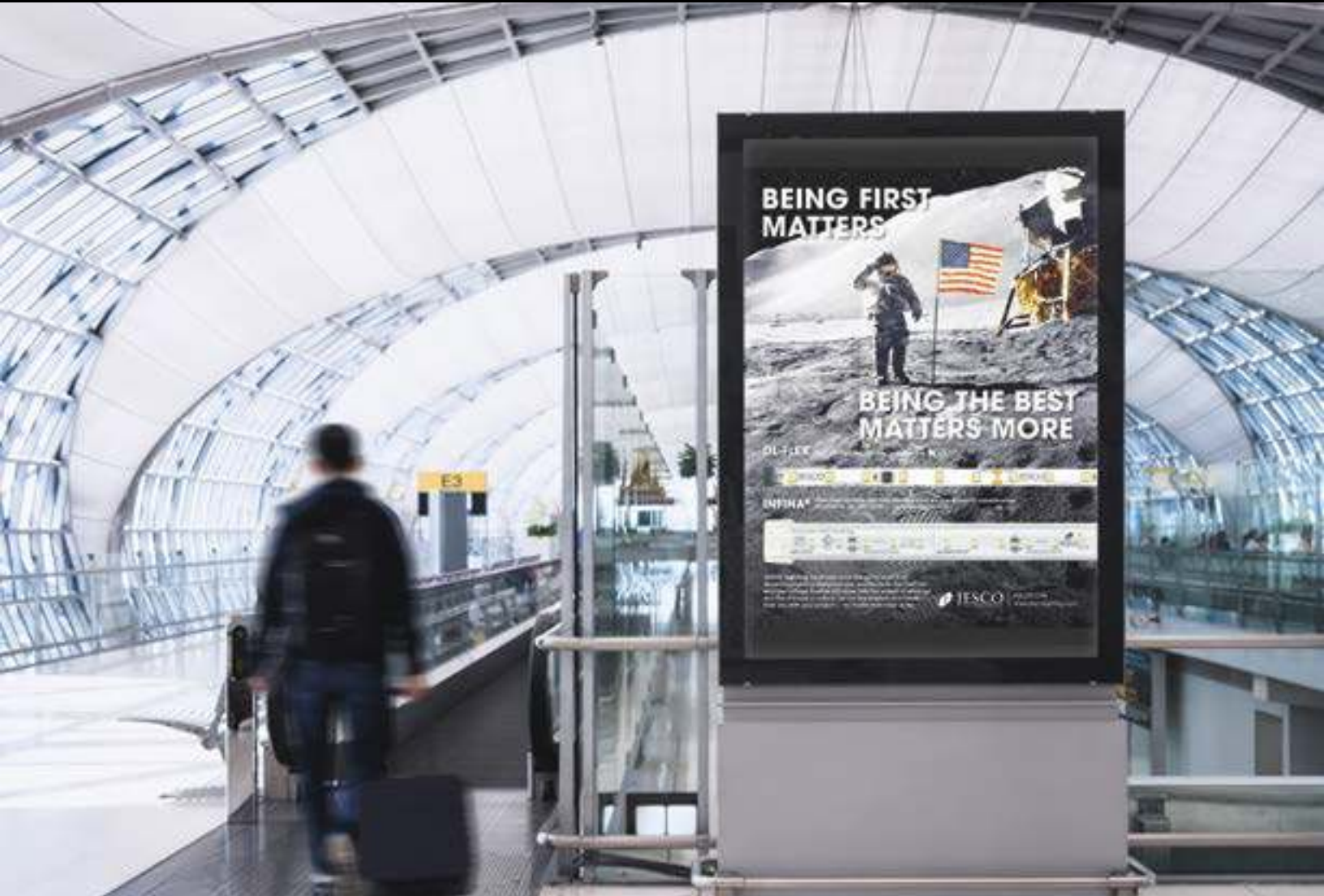


# FLEXITILE™

## FLEXIBLE LED SHEETS





JESCO Lighting's FLEXTILE™ is a fully modular flexible LED sheet to backlight displays, light boxes, showcases, billboards, letters, logos; translucent materials such as acrylic, stone, and glass; or used as a photographic light. FLEXTILE™ can be cut vertically, horizontally or along a 45° angle. A market-leading LED density of 1 every inch with 288 LEDs per 24" x 12" sheet. The high pitch of LEDs allows for very close placement of translucent materials thereby saving space and eliminating concerns of hotspots. Note: the CTA version has a pitch of 1" x 2".

JESCO offers FLEXTILE in static white with various color temperatures and multiple wattages. The CCT tunable white version allows for CCT selection from 2700K to 6500K. Blending the output of warm and cool LEDs allows for selecting color to match the mood or the current functionality of a space. Color tuning also can be done to match circadian rhythm focused design plans. FLEXTILE can be used as a photographic light source to dial into any required white light color output.

3M® double sided adhesive tape at the back allows for easy installation on straight or curved surfaces. The sheet can also be mounted with nails or a staple gun through the marked circular areas between LEDs. Plug and play power cords, hardwire power cords and connecting cables are available. Simply insert into one of the 12 on-board connectors for power or for board-to-board linking. Wires can also be soldered onto the the 4 directional solder pads found around each LED. 0-10V dimmable or Triac dimmable using JESCO Lighting's dimmable drivers.

## HIGHLIGHTS

- Precise sizing - field-cuttable at every individual LED (every 1")
- Can be cut vertically, horizontally or at a 45° angle
- A very high LED density - 288 LEDs per 24"x12" sheet (LED pitch of 1") - allowing for very close placement behind translucent materials thereby saving space and eliminating hotspots
- 3-Step MacAdam LED binning for uniformity in both color and intensity
- CRI > 90 to bring out the true colors of any object
- 2oz. PCB for optimal thermal management
- Low-profile and flexible
- Easy installation with 3M™ adhesive tape or using nails or staples at the designated areas on the sheet
- 0-10V, TRIAC, RF Control Dimming
- Plug and Play and Hardwire options available
- No ultra violet (UV/IR) radiation, no mercury



## DL-FLEX2-TILE

FLEXTILE™ FLEXIBLE STATIC WHITE LED SHEET

LED	24V DC	288† LEDs	90+ CRI	3 SDCM	120°	DIM	DRY	UL LISTED
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**Dimensions:** 24" L x 12" W x 3/8" H  
**CCT:** 2700K, 3500K, 4000K, 6500K, 3000K\*, 5000K\*  
**Watts:** 20W, 30W, 10W\*, 45W\*  
**Lumen:** 20W - 2078Lm, 30W - 2985Lm, 10W\* - 1042Lm, 45W\* - 4453Lm  
**LED Pitch:** 1" x 1"  
**Dimming:** TRIAC, 0-10V, RF Control  
**Environment:** Indoors - Dry\*\*



## TO ORDER

MODEL	SIZE	WATTS	CCT/CRI
<b>DL-FLEX2-TILE</b>	- <b>2412</b>	-	-
	2412 - 24" x 12"	20 - 20W 30 - 30W 10 - 10W* 45 - 45W*	2790 - 2700K 90CRI 3590 - 3500K 90CRI 4090 - 4000K 90CRI 6590 - 6500K 90CRI 3090 - 3000K 90CRI* 5090 - 5000K 90CRI*

† Per Sheet.  
 \* Custom Option. Contact factory for details.  
 \*\* Damp and Wet location is available - contact factory  
 Lumen data based on 4000K, 90CRI  
 80CRI option also available. Contact factory for details.  
 Specifications subject to change without notice.

## WIRING ACCESSORIES

	<b>DL-FLEX2-TILE-PC-12</b> Plug and play power cord 12" cable length
	<b>DL-FLEX2-TILE-PC-HW-12</b> Hardwire power cord 12" cable length
	<b>DL-FLEX2-TILE-CC03</b> Connecting cable with 3" wire
	<b>DL-FLEX2-TILE-CC12</b> Connecting cable with 12" wire

## DL-FLEX2-TILE-CTA

FLEXTILE™ FLEXIBLE CCT TUNABLE WHITE LED SHEET

LED	24V DC	40W	3847 Lm	96 Lm/W	288† LEDs	90+ CRI	3 SDCM
DIM	120°		DRY	UL LISTED			

**Dimensions:** 24" L x 12" W x 3/8" H  
**CCT:** 2700K to 6500K  
**Watts:** 40W  
**LED Pitch:** 1" x 2"  
**Cutttable:** 1" x 2" (1 LED pair)  
**Control:** CTA  
**Environment:** Indoors - Dry\*\*



## TO ORDER

MODEL	SIZE	WATTS	CCT/CRI
<b>DL-FLEX2-TILE</b>	- <b>2412</b>	- <b>40</b>	- <b>CTA</b>
	2412 - 24" x 12"	40 - 40W	CTA - CTA

† Per Sheet.  
 \*\* Damp and Wet location is available - contact factory  
 Lumen data based on 4000K  
 Specifications subject to change without notice.

## WIRING ACCESSORIES

	<b>DL-FLEX2-TILE-CTA-PC-HW-12</b> Hardwire power cord 12" cable length
	<b>DL-FLEX2-TILE-CTA-CC03</b> Connecting cable with 3" wire
	<b>DL-FLEX2-TILE-CTA-CC12</b> Connecting cable with 12" wire



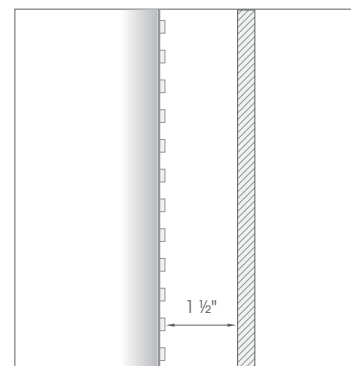

JESCO Lighting's FLEXTILE™ is a fully modular RGB and RGBW color changing flexible LED sheet to backlight displays, light boxes, showcases, billboards, letters, logos; translucent materials such as acrylic, stone, and glass; or used as a photographic light. The RGB and RGBW FLEXTILE™ can be cut into 6" x 2" blocks of 12 LEDs. High LED density with 288 LEDs per 24" L x 12" W sheet allows for very close placement of translucent materials thereby saving space and eliminating concerns of hotspots.

Using a JESCO RGB, RGBW or DMX controller, the Red, Green and Blue or the Red, Green, Blue and 3000K White LEDs can be blended and mixed together to achieve millions of colors.

3M® double sided adhesive tape at the back allows for easy installation on straight or curved surfaces. The sheet can also be mounted with nails or a staple gun through the marked circular areas between the cuttable sections. Hardwire power cords and connecting cables are available. Simply insert into one of the 12 on-board connectors for power or for board-to-board linking. Wires can also be soldered onto the the 4 directional solder pads found on each cuttable section.

## HIGHLIGHTS

- Controllable with a JESCO's wide variety of RGB, RGBW or DMX controllers
- Cuttable into 6" x 2" blocks of 12 LEDs
- A very high LED density - 288 LEDs per 24"x12" sheet (LED pitch of 1") - allowing for very close placement behind translucent materials thereby saving space and eliminating hotspots
- 2oz. PCB thickness for optimal thermal management
- Low-profile and flexible
- Easy installation with 3M™ adhesive tape or using nails or staples at the designated areas on the sheet
- No ultra violet (UV/IR) radiation, no mercury



FLEXTILE's 1" pitch of LEDs allows you to save space. For reference, a 1/8" 2447 acrylic lens may be backlit with a very tight 1 1/2" spacing between the LED sheet and the translucent acrylic in front with no hotspots

## DL-FLEX2-TILE-RGB

FLEXITILE™ FLEXIBLE RGB COLOR CHANGING LED SHEET

LED	24V DC	60W	2040 Lm	34 Lm/W	288* LEDs
DIM		120°	DRY		

**Dimensions:** 24" L x 12" W x 3/8" H  
**CCT:** RGB  
**Watts:** 60W (20W per color)  
**LED Pitch:** 1" x 1"  
**Cutttable:** 6" x 2" (12 LEDs)  
**Controllable:** RGB  
**Environment:** Indoors - Dry\*\*



FLEXITILE

### TO ORDER

MODEL	SIZE	WATTS	CCT/CRI
<b>DL-FLEX2-TILE</b>	- <b>2412</b>	- <b>60</b>	- <b>RGB</b>
	2412 - 24" x 12"	60 - 60W	RGB - RGB

\* Per Sheet.  
 \*\*Damp and Wet location is available - contact factory  
 Lumen data based on white (all dies lit)  
 Specifications subject to change without notice.

### WIRING ACCESSORIES



**DL-FLEX2-TILE-RGB-PC-HW-12**  
 Hardwire power cord  
 12" cable length



**DL-FLEX2-TILE-RGB-CC03**  
 Connecting cable with 3" wire  
**DL-FLEX2-TILE-RGB-CC12**  
 Connecting cable with 12" wire

## DL-FLEX2-TILE-RGBW

FLEXITILE™ FLEXIBLE RGBW COLOR CHANGING LED SHEET

LED	24V DC	80W	3400* Lm	42.5 Lm/W	288* LEDs
DIM		120°	DRY		

**Dimensions:** 24" L x 12" W x 3/8" H  
**CCT:** RGBW (RGB+3000K)  
**Watts:** 80W  
**LED Pitch:** 1" x 1"  
**Cutttable:** 6" x 2" (12 LEDs)  
**Controllable:** RGBW  
**Environment:** Indoors - Dry\*\*



FLEXITILE

### TO ORDER

MODEL	SIZE	WATTS	CCT/CRI
<b>DL-FLEX2-TILE</b>	- <b>2412</b>	- <b>80</b>	- <b>RGBW</b>
	2412 - 24" x 12"	80 - 80W	RGBW - RGBW

\* Per Sheet.  
 \*\*Damp and Wet location is available - contact factory  
 Lumen data based on white (all dies lit)  
 Specifications subject to change without notice.

### WIRING ACCESSORIES

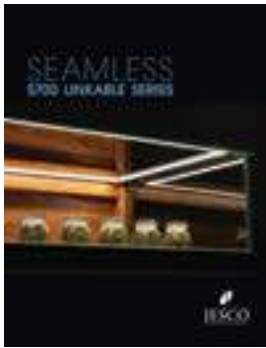


**DL-FLEX2-TILE-RGBW-PC-HW-12**  
 Hardwire power cord  
 12" cable length



**DL-FLEX2-TILE-RGBW-CC03**  
 Connecting cable with 3" wire  
**DL-FLEX2-TILE-RGBW-CC12**  
 Connecting cable with 12" wire

# FLEXTILE™ FLEXIBLE LED SHEET



**SEAMLESS**  
5700 Linkable Series



**FLEX Linear LED**  
Line & Low Voltage Series



**INFINA® AC LED**  
Flexible Light Strip



**LIGHTING SOLUTIONS**



**RECESSED**  
DOWNLIGHTS



**RECESSED**  
MODULINEAR



**TRACK LIGHTING**



**ARCHITECTURAL**  
Integral LED Pendants



**ARCHITECTURAL** Pendants  
& Wall Sconces



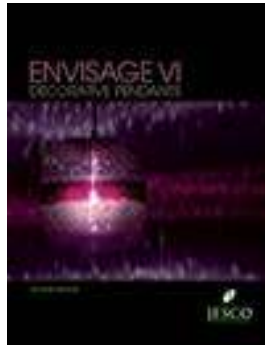
**RADIANTZ**  
Portable Power System



**MLX MULTI-LINK**  
Modular Linkable  
LED Linear Fixture



**ENVISAGE V**  
Ceiling & ADA  
Wall Sconces



**ENVISAGE VI**  
Decorative Mini Pendants



**ENVISAGE VII**  
LED Pendants &  
Wall Sconces



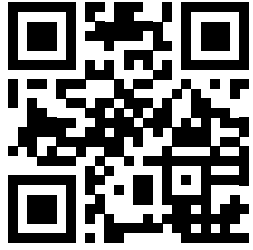
**WW2 LED** Wall Washers &  
Flood Lights



**SMART TRACK**  
Adjustable Low Voltage  
Power System



**⚠ WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



For more details and product specifications please visit [JESCOLIGHTING.COM](http://JESCOLIGHTING.COM)



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LCAT-FLEXILE

