

Date: _____ Type: _____

Client: _____

Project: _____



1' x 2' LED FLEX PANELS

CETILEINTXXK-R2

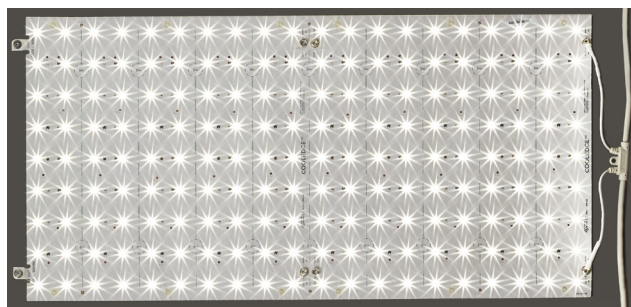
Interior - Single Color Temperature

Flexible and Dimmable

1' x 2', single color temperature LED Flex Panels provide a flexible way of illuminating large areas, such as ceilings, walls, and displays with uniform lighting at setback distances as low as 2" (depending on the luminous surface material chosen)

- Continuous, uniform backlighting for straight or curved areas
- Panels can be scaled to fit any space or cut on site to accommodate corners, angles, and obstacles such as standoffs, posts, sprinklers or support cables and rods. Optional panel cut-out kits and corner kits are available to assist with unique obstacles and geometries.
- 1' x 2' LED Flex Panels do not require any heat sinks, so they can be mounted to any material.
- LED driver can power a single panel or a large number of panels (depending on lumen output of panels). A dimmer can be added to circuit.
- Constant voltage design means that layout changes required to meet on site conditions don't require re-sizing power sources.
- Color Rendering (CRI): >90 (except 2200K, CRI 88)
- Required accessories: LED Driver, Interior T-Cable, and Interior Starter Cable (sold separately)
- Optional accessories: Cut-out Kit, Control Module, and Extension Cable
- UL Listed

Light Output (lm/sqft)	Color Temperature (CCT)	Power (W/sqft)
600	2200K	6.5
	2700K	5.9
	3000K	5.5
	3500K	5.3
	4000K	5.2
300	5700K	5.0
	2200K	3.1
	2700K	3.0
	3000K	2.7
	3500K	2.7
150	4000K	2.5
	5700K	2.5
	2200K	1.5
	2700K	1.5
	3000K	1.3
150	3500K	1.3
	4000K	1.2
	5700K	1.2



Display Supply & Lighting, Inc.

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1247 Norwood Avenue
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www.dslgroup.com

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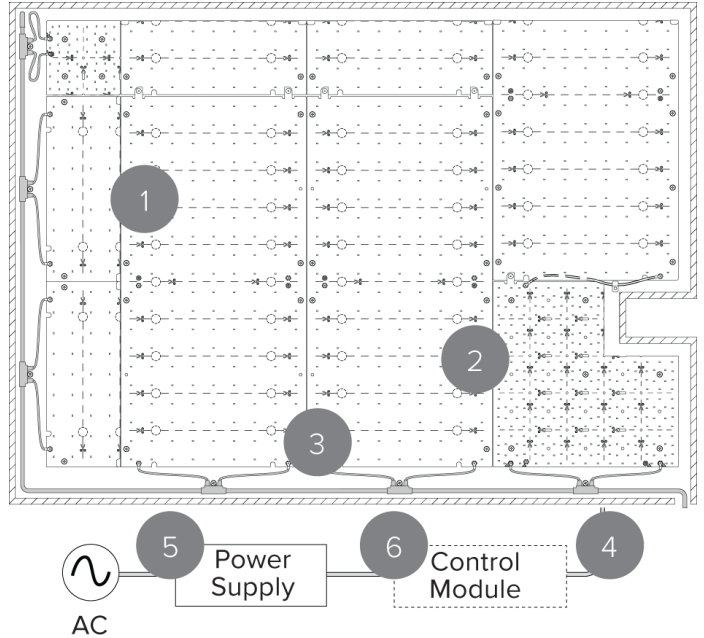
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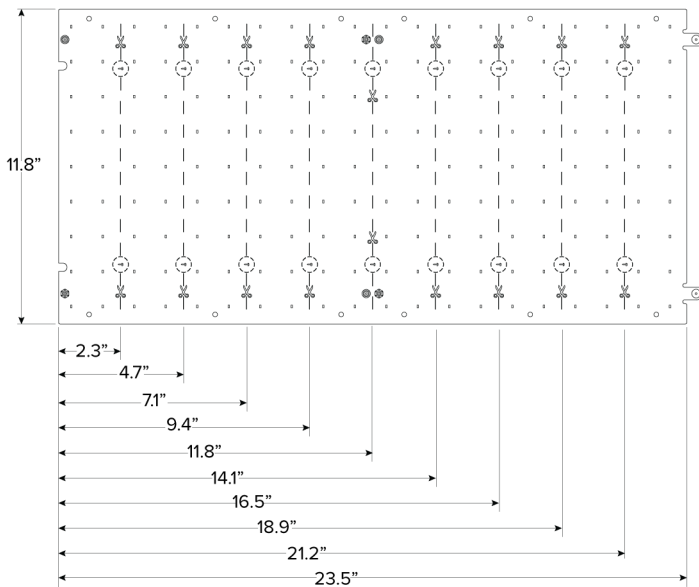
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1' x 2' Flex Panel (Interior) System Overview

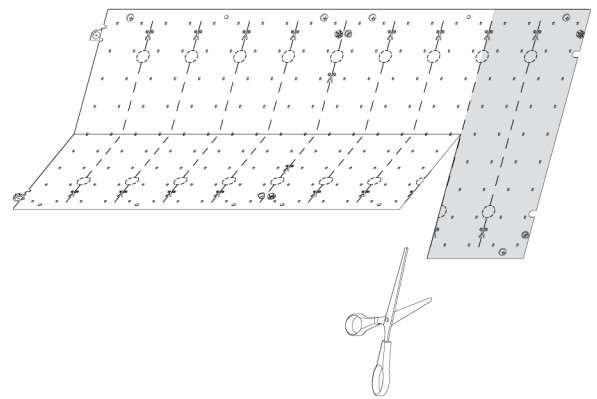
- 1 **TILE Interior**
Flexible light emitting sheet
- 2 **TILE Interior Cut-out Kit (optional)**
Cut-to-fit TILE and wiring for obstacles.
- 3 **TILE Interior T-Cable (required)**
Connects the first TILE in each run to the Starter Cable.
- 4 **TILE Interior Starter Cable (required)**
Connects the Control Module (or Power Supply) to the T-Cable (Included in TILE Interior Starter Kit)
- 5 **Power Supply (required)**
Converts AC mains (line) power to low voltage (58VDC) power.
- 6 **Control Module (optional*)**
Receives input control signals using industry standard control protocols to dim up to 4 @ 90W output channels.
* Required for use with 200W and 400W power supplies



1 TILE INTERIOR



Weight = 0.18lbs/ 82g



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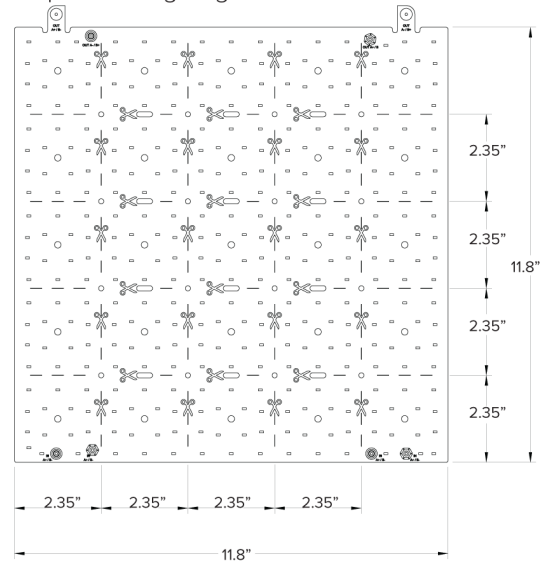
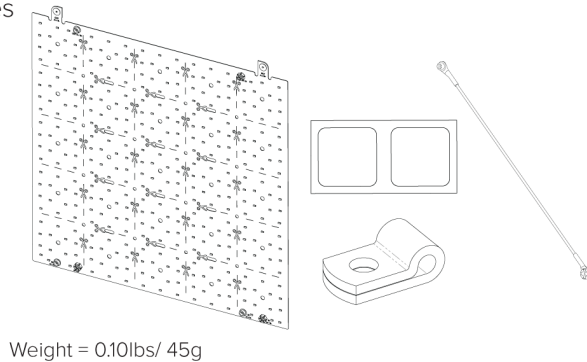
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2 TILE INTERIOR CUT-OUT KIT

Purpose: Cut-to-fit around obstacles located in the middle of a luminous surface such as standoffs, support cables/rods, beams, pipes, etc.; used in corners where a full TILE does not fit in the space; or to step cut along angles and curves in a luminous surface. (Optional)

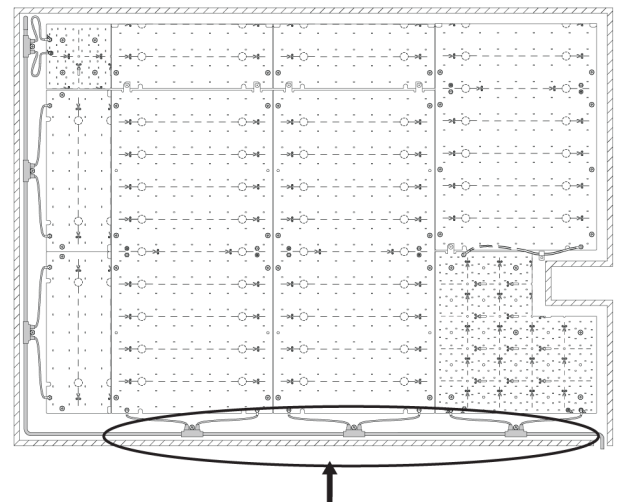
INCLUDED

- (1) Cut-out TILE (11.8" x 11.8")
- (2) Insulating Patches
- (1) Cable Clamp
- (1) Jumper Cable



3 TILE INTERIOR T-CABLE

Purpose: Makes the electrical connection to the first TILE in each run from the Starter Cable that supplies power from the power/control components. Each "T" connects to a TILE via snap connectors. (Required)



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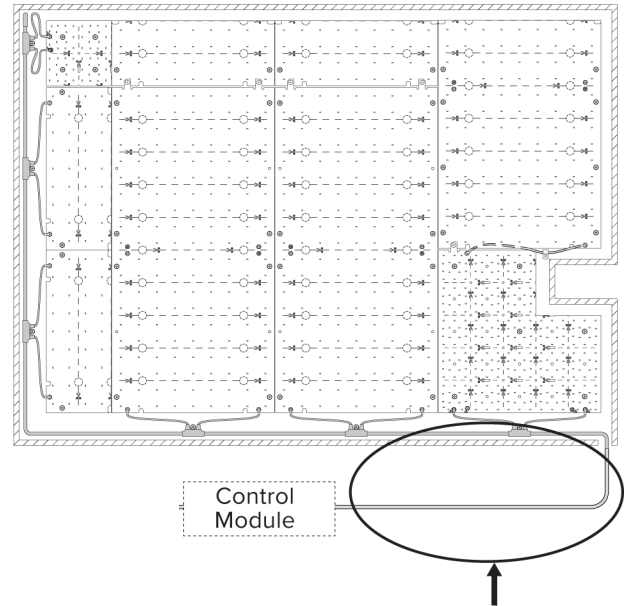
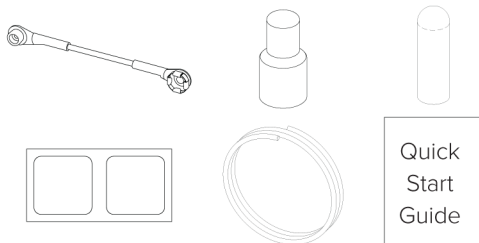
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4 TILE INTERIOR STARTER KIT

Purpose: Includes the Starter Cable that makes the connection from the Power/Control components to the T-Cable and other accessories required for wire termination and connections. Insulation patches are required to cover areas of TILES where cuts have been made. (Required)

INCLUDED

- (4) Cut TILE Reuse Jumper Cable
- (2) Splice Connectors
- (4) End Caps
- (10) Insulating Patches
- (1) 16 AWG (1.3mm²) Cable, 10 ft (3m) Length
- (1) Quick Start Guide



5 POWER AND CONTROL

- Power and Control Specifications (UL Listed)

The models shown below are those that are compatible with TILE Interior Systems for regions where cUL Listed products are required.

POWER SUPPLIES (58V)

Purpose: Convert AC main (line) power to safe, low voltage DC power. (Required)

Order Code	# Controller Channels *	Enclosure
EPSP-090-1CH-58V-010	1	Yes
EPSS-200-58V	2	Yes
EPSS-400-58V	4	Yes

*Class 2 (max 90W) output



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COOLEdge CONTROL MODULES (58V)

Purpose: Receives 58VDC power from the power supply and converts it to max. 90W per channel of controlled output to drive TILE Interior sheets. Also receives input control from one of 4 protocol options to control dimming levels. (Optional)

Order Code	Protocols
CTR-SCT-DALI-58V	0-10V, DALI
CTR-SCT-DMX-58V	DMX
CTR-SCT-CAS-58V	Casambi (wireless)

ADDITIONAL ACCESSORIES

EXTENSION CABLES

- 16 AWG cable (non-plenum rated)
- Available in 10' & 20' lengths

Purpose: Cable between TILE Starter Cable and Control Module that extends the distance the Control Module and power supply may be remotely located away from the TILES. Please call for additional information including requirements for plenum rated cables.

