INSTALLATION INSTRUCTIONS

PIXELS CONFIGURABLE LED LIGHT SHEETS

LED-P05-1224, LED-P10-1224

WAC LIGHTING
Responsible Lighting®

CAUTION: To prevent electrical shock, ensure electricity has been turned off at the circuit breaker before beginning.

- Read all instructions before installing.
- System is intended for installation by a licensed electrician in accordance with the National Electrical Code (NEC) and local regulations.
- When handling the fixture, do not apply pressure to the LEDs. Hold the fixture by the base only.
- **PIXELS CONFIGURABLE LED LIGHT SHEETS** have polarity for connection.

WARNING: All parts must be used as indicated in these instructions. This product is designed for use only with the supplied parts and/or accessories designated for use by WAC Lighting. Substitution of parts or accessories not designated for use with this product by WAC Lighting could result in personal injury or property damage and will void the warranty. Contact an authorized dealer or the manufacturer if any parts are damaged or missing.

MISE EN GARDE: Pour éviter tout choc électrique, assurez-vous que le disjoncteur soit mis hors tension avant de commencer.

- Lisez toutes les instructions avant l'installation.
- Le système doit être installé par un électricien licensié conformément au code national de l'électricité (NEC), et également aux règlements locaux.
- Lors de la manipulation du luminaire, n'appuyez pas sur les LED. Tenez-le uniquement par la base.
- **PIXELS CONFIGURABLE LED LIGHT SHEETS** ont une polarité pour la connexion.

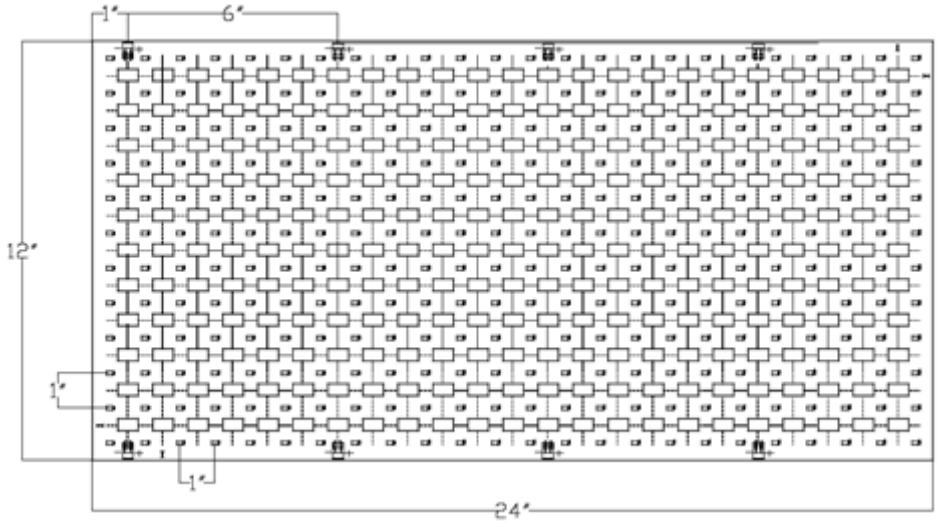
ATTENTION: Toutes les pièces doivent être utilisées comme indiqué dans ces instructions. Ce produit est conçu pour être utilisé seulement avec les pièces et/ou accessoires fournis pour être utilisés avec les produits WAC Lighting. Remplacer des pièces ou accessoires non conçus pour ce produit WAC Lighting pourrait causer des dommages corporels ou matériels et pourrait également causer l'annulation de la garantie. Veuillez contacter un revendeur autorisé ou le fabricant si des pièces manquent ou sont endommagées.

ATTENTION:

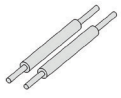
- Do not route LED PIXELS light sheets through wall, ceiling.
- Do not cover LED PIXELS light sheets with paper, fabrics, or any combustible materials
- Do not bend LED PIXELS light sheet more than 45 degrees angle. Excessive bending may cause LED damage and void any warranty.
- Do not repeatedly used LED PIXELS light sheet. Pulling the sheets out and re-apply to the surface may cause LED damage and void any warranty.

PIXELS CONFIGURABLE LED LIGHT SHEETS

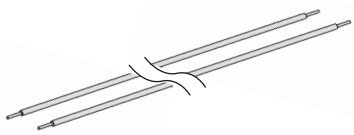
Determine the installation area and material. Different mounting accessories will be required depending on the mounting materials.



ACCESSORIES



I Connector
Qty: 4pcs



3ft feed wire
Qty: 1pc

waclighting.com
Phone (800) 526.2588
Fax (800) 526.2585

Headquarters/Eastern Factory
44 Harbor Park Drive
Port Washington, NY 11050

Central Factory
1600 Distribution Ct
Lithia Springs, GA 30122

Western Factory
1750 Archibald Avenue
Ontario, CA 91760

WAC Lighting retains the right to modify the design of our products at any time as part of the company's continuous improvement program. APR 2019

INSTALLATION INSTRUCTIONS

PIXELS CONFIGURABLE LED LIGHT SHEETS

LED-P05-1224, LED-P10-1224

WAC LIGHTING
Responsible Lighting®

WIRING AND INSTALLATION

Determine the number of separately powered runs needed. Calculate the number of power supplies.

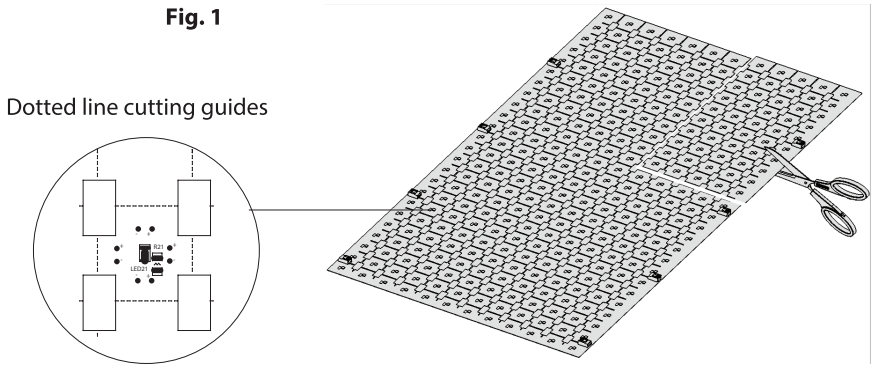
Min./max run length	1 pixel / 20 sqft per 96W power supply @ 500 lm/sqft 1 pixel / 10 sqft per 96W power supply @ 1000 lm/sqft
Current	417 mA/sheet @ 500 lm/sqft 833 mA/sheet @ 1000 lm/sqft
Power consumption	5 W/sqft @ 500 lm/sqft 10 W/sqft @ 1000 lm/sqft
Input voltage	24V DC

INSTALLATION

- Measure the area of each run and round it off to the nearest 1 square inch interval.
- Determine the necessary quantities of PIXELS.
- Measure the distance between the runs in order to determine the length of extension feed wires.

1. Follow the dotted line cutting guides and cut the PIXELS to desired size. PIXELS is field cuttable vertically or horizontally anywhere to single pixel increment (**Fig.1**). PIXELS is flexible and is adaptable for flat or curved surfaces.

Fig. 1



NOTE: The included 3M adhesive is sufficient in most applications for smooth surfaces (**Fig. 2**). If mounting surface is a porous or textured surface, a staple gun or nails may be required to secure the PIXELS after wiring (**Fig. 3**).

Fig. 2

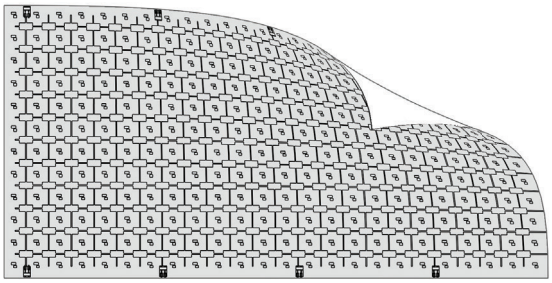
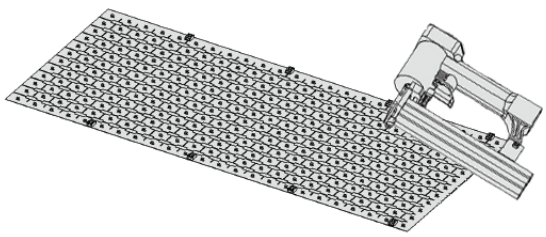


Fig. 3



waclighting.com
Phone (800) 526.2588
Fax (800) 526.2585

Headquarters/Eastern Factory
44 Harbor Park Drive
Port Washington, NY 11050

Central Factory
1600 Distribution Ct
Lithia Springs, GA 30122

Western Factory
1750 Archibald Avenue
Ontario, CA 91760

WIRING

CAUTION: Transformer must be installed away from heat sources and accessible for service.

NOTE: Enclosed transformer is UL listed. The transformer box has a separate line voltage, and low voltage wiring compartments. Trade size knockout is provided on both compartments.

1. Connect building wires to like-color transformer wires with wire nuts. Building ground wire may be green or uninsulated, and attaches to the green wire from power supply box.

2. Connect the output lead wire of the power supply with the connector of the PIXLES sheets or lead wires.

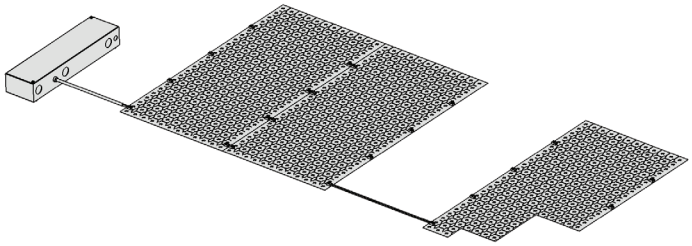
3. Connect the PIXELS with included I connectors or 3ft feed wire. Any AWG #24 - #18 wires can be used for connection.

NOTE: Connector accepts AWG #24 - #18, recommend AWG #18 solid wire for low voltage drop.

NOTE: Take care to pay attention to the polarity printed on the sheets.

NOTE: 8 onboard connectors are included per sheet, the cut sections without connectors can also be powered with wires soldered in the field with the pads around every LED chip (**Fig. 4**).

Fig. 4



WAC Lighting retains the right to modify the design of our products at any time as part of the company's continuous improvement program.