

# INSTALLATION INSTRUCTIONS

## VENTRIX - Tunable White Indirect Element

S2ID48-1-TW, S2ID48-2-TW

VENTRIX  
BY WAC

### 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.
- Retain installation instructions for future maintenance reference.
- VENTRIX fixtures and channels feature separate data and power conductor systems. During installation and use, do not short the data or power conductors together by any means or damage may occur.

**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 licencié 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.

**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.

**NOTE D'ENTRETIEN:** Les conditions côtières peut causer une accumulation de minéraux et de résidus sur le luminaire. Nous recommandons aux clients qui résident dans les zones côtières de nettoyer toutes les surfaces externes du luminaire une fois toutes les deux semaines avec un chiffon humide.

### FIXTURE OVERVIEW

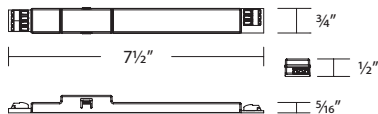
Indirect Element is intended for use on WAC Lighting's VENTRIX Channel systems.

<b>VENTRIX SYSTEM</b>	48VDC VENTRIX System
<b>INDIRECT DRIVER</b>	S2ID-DR96-TW
<b>INDIRECT ELEMENT</b>	S2ID48-1-TW, S2ID48-2-TW

### SPECIFICATIONS

Driver Input:	48VDC
Indirect Element Input:	Output from VENTRIX Indirect Driver only
Installation:	WAC VENTRIX System
Dimming:	Via WAC VENTRIX Connected Power Unit. Refer to CPU Specifications.

### OVERALL FIXTURE DIMENSIONS






#### S2ID-DR96-TW

TW Indirect driver  
(one required per up to 96W of indirect elements)



#### S2ID48-TW

48" TW Indirect element

	S2ID48	RPL-S2ID-PART1-TW (Replacement Parts Bag)
 <b>I Connector</b>	1	1
 <b>Clip</b>	8	8
 <b>Jumper Wire</b>	1	1

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#### PREPARATION:

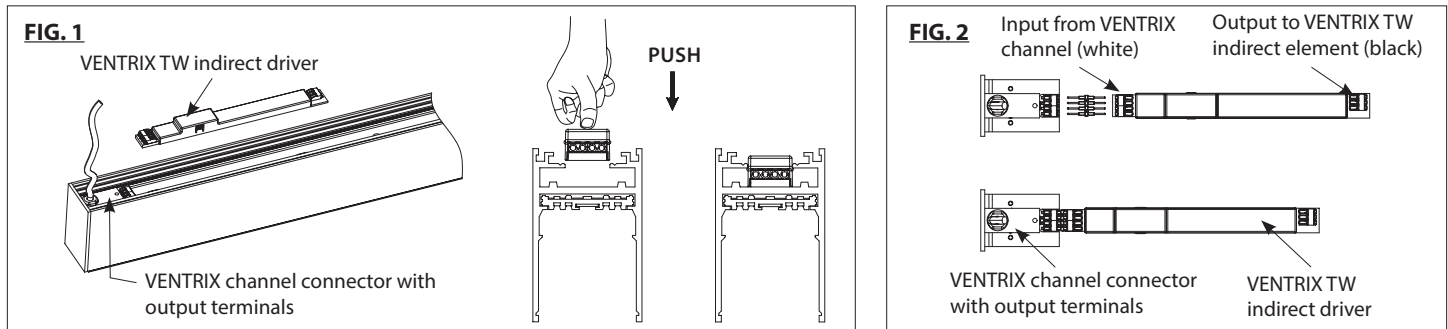
1. Shut off the power at the circuit breaker and ensure adequate room to install the new fixture on the VENTRIX Channel system.
2. Carefully unpack your new fixture and lay out all the parts on a clear area. Be careful not to lose any parts necessary for installation.

#### FIXTURE INSTALLATION TO VENTRIX SYSTEM:

##### STEP 1: DRIVER INSTALLATION

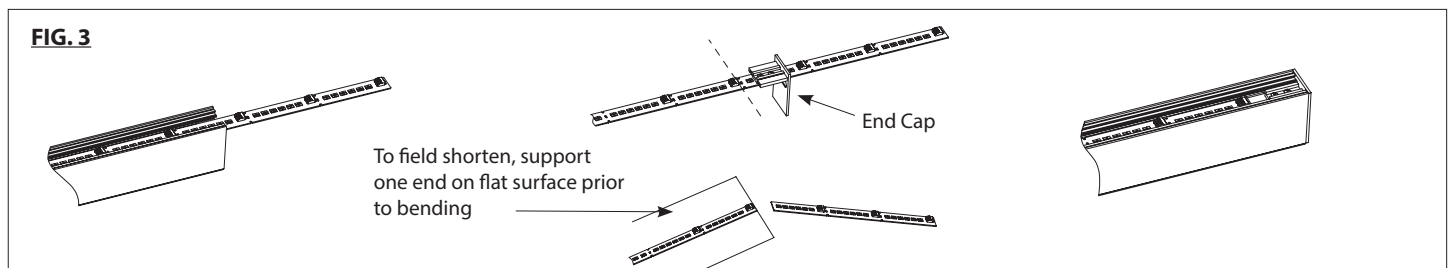
1. VENTRIX indirect driver may be installed on top of horizontal VENTRIX suspended channel system. Set input side of the indirect driver towards VENTRIX feed end or VENTRIX channel connector, then push the driver down to firmly touch the channel. (See **FIG. 1**)
2. Using two white 2-Pin connectors, join the indirect driver terminals to the terminals of the VENTRIX feed end or VENTRIX channel connector. (See **FIG. 2**).

**CAUTION:** VENTRIX indirect drivers are designed to only be powered by VENTRIX CPU. Do not input power from other source, or damage may occur.



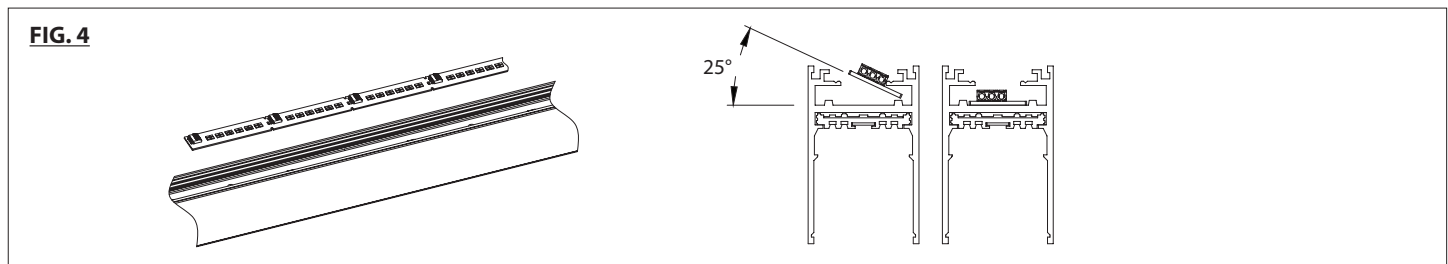
##### STEP 2: DETERMINE INDIRECT LIGHT ELEMENT LENGTH(S)

1. Measure the length of indirect channel space available to house the indirect element. Be sure to account for the end cap mounting bracket.
2. Multiple indirect elements can be joined together up to 96W of power. If necessary, indirect elements are also field shorten-able at markings. To field shorten, support one side of indirect element on flat surface and bend back and forth gently directly at field cut mark until module separates. (See **FIG. 3**)



##### STEP 3. INDIRECT ELEMENT INSTALLATION

1. After selecting the appropriate indirect element length, insert the side of the element without the wire terminals into the channel at an angle. Then push the element down and relocate it within the grooves of the channel. (See **FIG. 4**).



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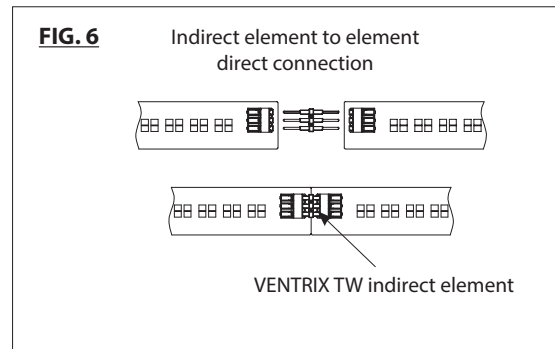
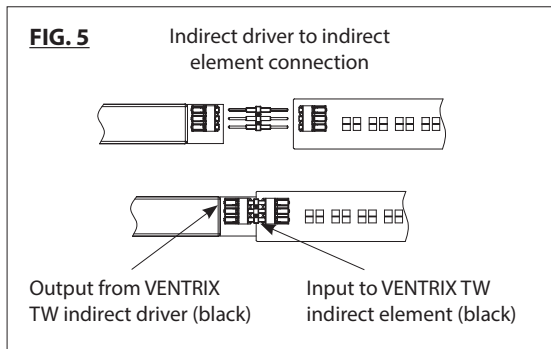
### VENTRIX - Tunable White Indirect Element

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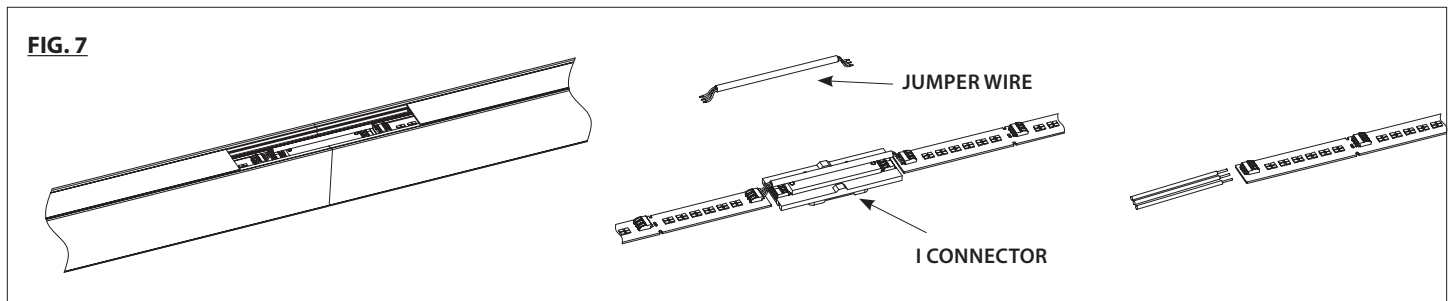
VENTRIX<sup>™</sup>  
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2. Driver to element Connection: Be sure to align the wire terminals on-board the element for connection to the indirect driver. Connect the indirect driver to the indirect element using the provided 3-Pin Black Connector. (See **FIG. 5**).
3. Element to element Connection: Connect elements together using the provided 3-Pin Black Connector. (See **FIG. 6**).

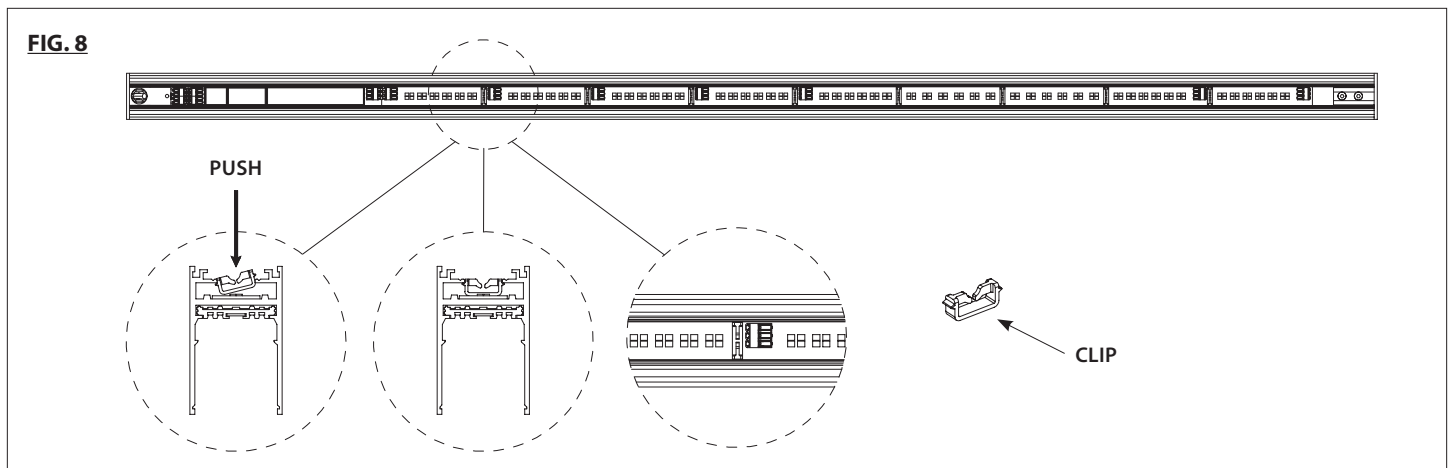
**CAUTION:** VENTRIX indirect elements are designed to only be powered by VENTRIX indirect drivers only. Do not input power from other source, or damage may occur.



4. Indirect element to indirect element connection using jumper wire: Indirect elements may also be connected using a jumper wire. (See **FIG. 7**)



5. After indirect element is installed, use the indirect light clips to secure it inside the channel. Locate the clip over field shortening notches on the indirect element. Once in position, push the clip into the VENTRIX channel and atop the indirect element to lock it in place. One clip is recommended per 6" of indirect element. (See **FIG. 8**)



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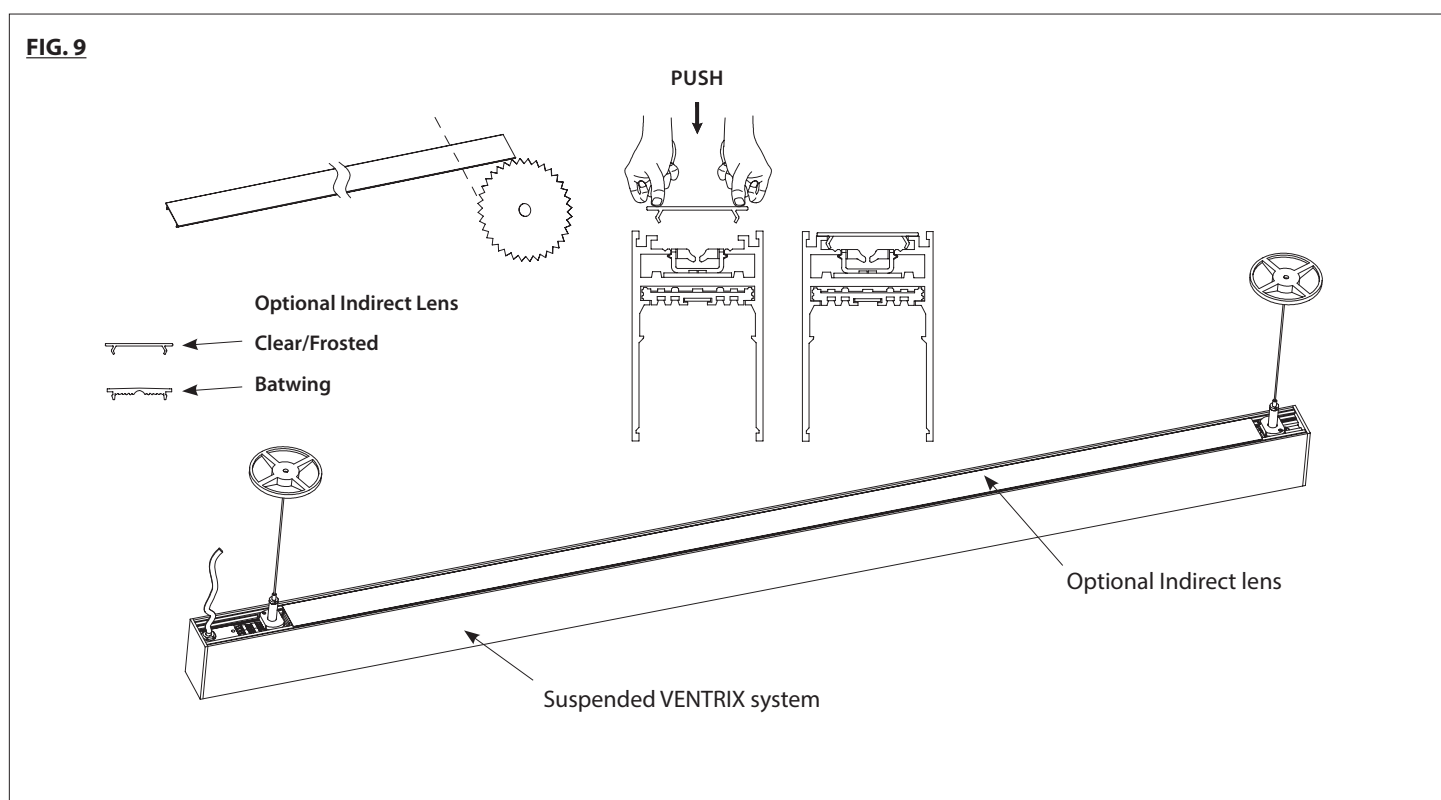
#### STEP 4: ACCESSORY LENS INSTALLATION (OPTIONAL)

1. VENTRIX suspended channel can accept optional lens accessory. To utilize, select lens and cut to size to meet the channel length requirements. (See **FIG. 9**).

**NOTE:** The indirect lens must be cut to fit between channel suspensions points.

2. Gently snap lens into channel

LENS PART NUMBER	DESCRIPTION	
<b>LENS-S2ID96-CL</b>	96" CLEAR LENS	Packaged as (2) 48" pieces
<b>LENS-S2ID96-FR</b>	96" DIFFUSE LENS	Packaged as (2) 48" pieces
<b>LENS-S2ID96-BW</b>	96" BATWING LENS	Packaged as (2) 48" pieces



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