



Bio2 | Linear, Surface, Wall

2" Linear





INSTALLATION INSTRUCTIONS




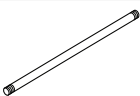

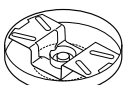
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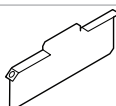


CABLE MOUNTING

PART	PART NO.	DESCRIPTION
		Bushing
		Cord
		Canopy
		Griplock Toggle Cable

STEM MOUNTING

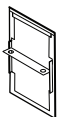
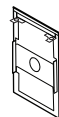
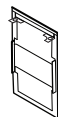



		1/4 IPS Swivel Ball
		1/4 IPS Stem
		1/4 IPS Nut
		Canopy

JOINING

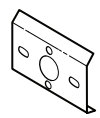

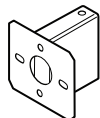
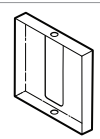


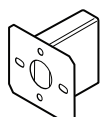
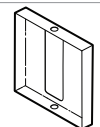
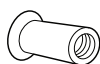
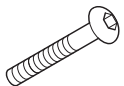




	101238	Aligner / Joiner Splines
	100-00069-17 100-00070-17	BLACK WHITE Joiner / End Gasket
	100-00112-14	8-32 x 7/8" Hex Head Screws

FINISH PLATE INSTALL

FINISH PLATES:

	103676	Downlight Only
	101821	Top Glow SYMG
	100407	All Other
	100-00040-03	Magnet
	100-00025-14	8-32 x 1/4" Hex Head Screws
	100-00128-14	#8 Flat Head Screw

WALL MOUNTING

PART	PART NO.	DESCRIPTION
WALL SPACER:		
	100399	Support Bracket
	100-00118-14	8-32 x 1/4" Set Screw
WALL BRACKET:		
	100417	Wall Bracket
	91625	Single Gang Canopy
	100-00107-14	1/4-20 x 1/2 Set Screw
	100-00237-14	6-32 x 5/16 Set Screw Cone Point
WALL TILT:		
	100416	Wall Tilt Arm
	91625	Single Gang Canopy
	100-00269-14	8-32 x 1" Binding Post
	100-00272-14	8-32 x 1 1/4 Round Head MS Hex Screw
	100-00272-14	8-32 x 3/8" Round Head MS Hex Screw
	100-00270-14	8-32 Cap Nut
	100-00107-14	1/4-20 x 1/2" Set Screw
	100-00237-14	6-32 x 5/16 Set Screw Cone Point

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INSTALLATION INSTRUCTIONS

CABLE & STEM MOUNTING



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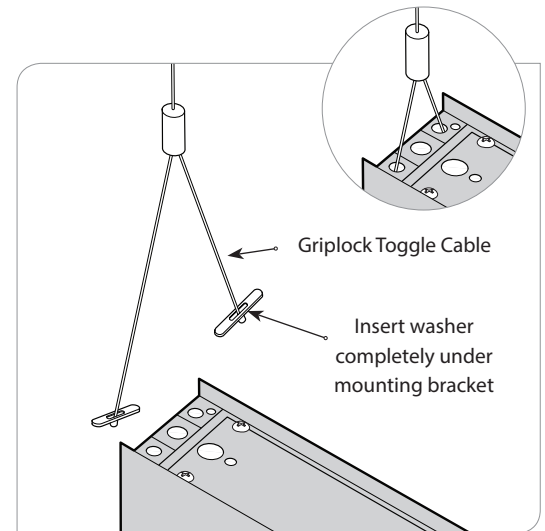
NOTES:

- See row diagram or Prudential Ltg. plan layout (if provided). Begin all row mounting from left to right (See arrows).
- Depending upon ceiling or wall construction reinforcement may be required at mounting locations.
- Continuous row: Install one fixture section at a time.

CABLE MOUNTING

1. Remove acrylic dust cover lens if necessary.
2. Insert ends of aircraft cables and toggles into holes in mounting brackets.
3. Follow standard cable mounting directions to attach fixtures to ceiling and level rows.
4. Follow joining detail instruction where fixtures are joined.
For ends of rows, install end gasket and finish plates.
5. Remove bottom lenses and reflectors to make electrical connections and reinstall all lenses and reflectors.

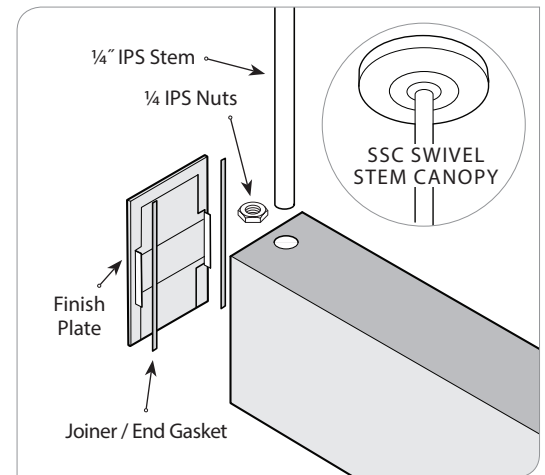
REFER TO CABLE MOUNTING INSTRUCTIONS



STEM MOUNTING

1. Remove acrylic dust cover lens and top cover.
2. Run wires through stem and attach stem with 2x 1/4 IPS nuts to 1/2" knockout on mounting bracket.
3. Follow standard stem mounting directions to attach fixtures to ceiling and level rows.
4. Make electrical connections and tuck splices into driver channel.
5. Follow joining detail instructions where fixtures are joined.
For ends of rows install end gasket & finish plates.
6. Reinstall all top covers and lenses.

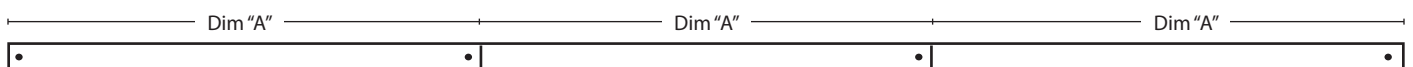
REFER TO STEM MOUNTING INSTRUCTIONS



CABLE OR STEM MOUNTING:

-----> ROW DIRECTION

NOMINAL	DIM 'A'
2'	24 1/8"
3'	36"
4'	48"
6'	72"
8'	96"



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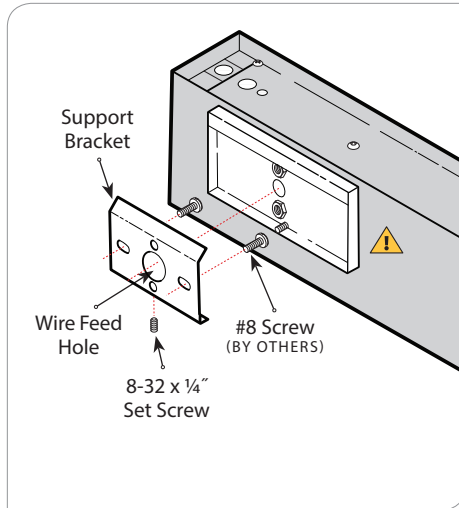
WALL MOUNTING



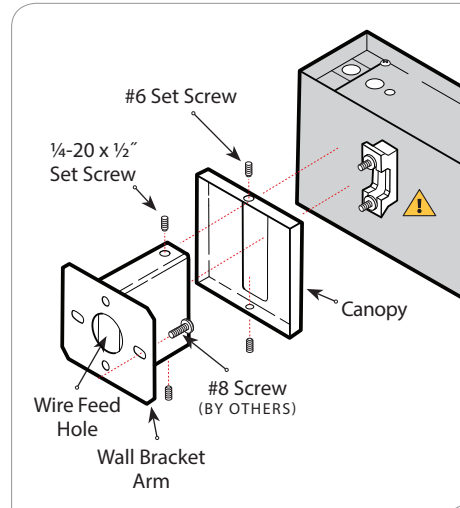
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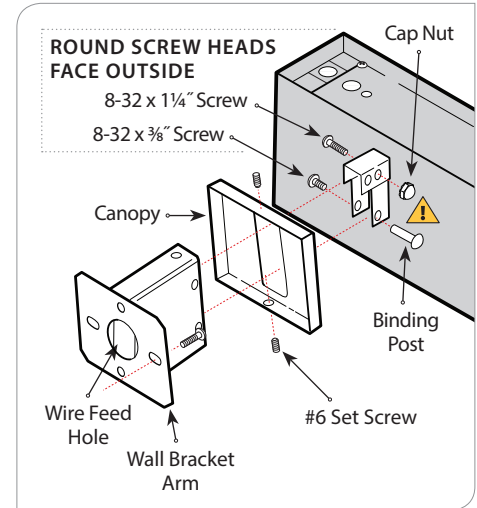
WALL SPACER



WALL BRACKET



WALL TILT



NOTE: Wall fixtures to be installed with 2"x 4" horizontal J boxes. If using 4"x 4" J box, Step-down J box cover (by others) is required.

Spacer, wall cleat, and wall tilt bracket are installed on fixture housing.

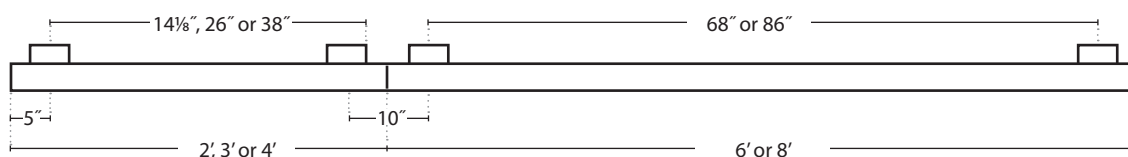
1. Attach wall spacer support bracket to wall or horizontal single gang J box with #8 screws (by others).
2. Feed wires into fixture at feed locations and make electrical connections.
3. Hook fixture onto wall spacer support bracket.
4. Join fixtures according to joining directions and install finish plates.
5. After row installation, lock fixtures in place with 8-32 x 1/4 set screws.

1. Attach wall bracket assembly to wall or horizontal single gang J box with #8 screws (by others). Place canopy over wall bracket and secure with 6-32 x 5/16 set screws.
2. Feed wires into fixture at feed locations and lift fixture to wall.
3. Secure fixture to wall bracket with 2x 1/4-20 set screws.
4. Join fixtures according to joining directions and install finish plates.
5. Remove bottom lenses and reflectors to make electrical connections and reinstall all lenses and reflectors.

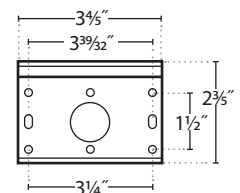
1. Attach wall tilt arm assembly to wall or horizontal single gang J box with #8 screws (by others). Place canopy over wall bracket and secure with 6-32 x 5/16 set screws.
2. Feed wires into fixture at feed locations and lift fixtures to wall.
3. Secure fixture to wall tilt bracket with 1" binding post and #8 screw on bottom of arm and #8 x 1 1/2" screw with cap nut on top. Screw heads should face outward.
4. Join fixtures according to joining directions and install finish plates.
5. Remove bottom lenses and reflectors to make electrical connections and reinstall all lenses and reflectors.
6. Adjust fixture to desired angle and tighten top screws and nuts to secure tilt angle.

WALL MOUNTING:

-----> ROW DIRECTION



WALL SPACER BRACKET:



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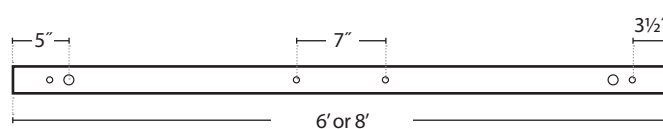
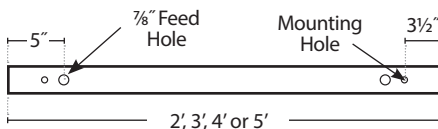
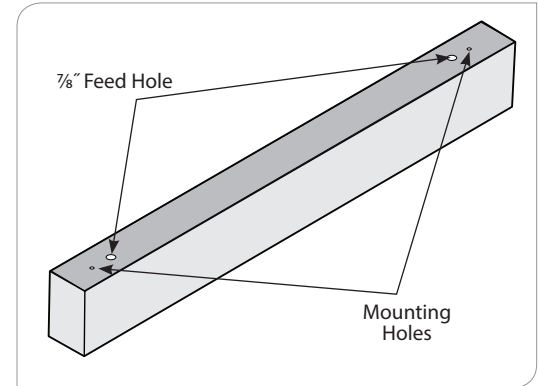
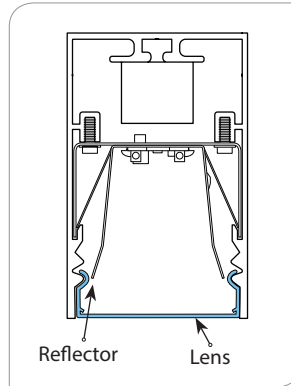


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SURFACE MOUNTING

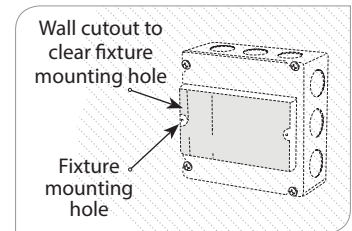
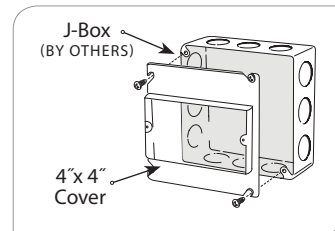
1. Remove lenses and reflectors from bottom of fixtures.
2. Feed wires through holes and secure to ceiling with ¼-20 screws (by others).
3. Make electrical connections.
4. Follow joining/ finish plates directions.
5. Reinstall all reflectors and lenses.



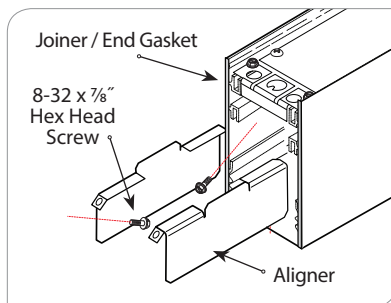
WALL & SURFACE INSTALLATION

WITH 4"x 4" J BOXES (STEP-DOWN PLASTER RING REQUIRED)

1. Recess J Box into wall with space for plaster ring to be flush with outer space.
2. Install plaster ring (by others) with #8 screws (by others).
3. Install wall or surface mount fixtures to plaster ring as specified.



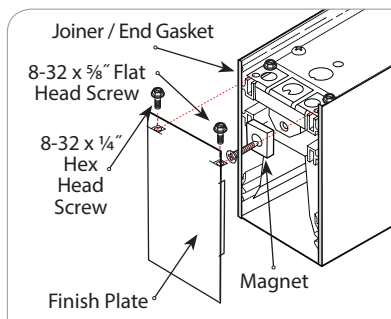
JOINING DIRECTIONS



REQUIRED: Extension for drill.

1. Mount first fixture in row.
2. Remove bottom lenses and snap-in reflectors with reflector removal tool. (For uplight only, remove top plate).
3. Slide aligner splines into first fixture with half protruding. Stick 2x joiner gaskets on side walls of fixture.
4. Mount fixture to be joined level with first fixture and connect wires for power and dimming between fixtures.
5. Secure joiners into screw channels with 4x #8-32 x 7/8 inch screws while pushing fixtures together.
6. Reinstall reflectors and lenses. Repeat for all fixtures in row and level all fixtures. If quick connect is provided, make sure molded connector is pushed into the end of one fixture. **Do not leave the connector hanging at the fixture joint.**

FINISH PLATE INSTALLATION



1. Attach magnet to mounting bracket with #8 flat head screws. (For downlight only, attach mounting bracket with magnet up).
2. Attach gasket on both sides of housing
3. Align finish plate with grooves on fixture and push on, ensure that no wires or hanging cables are pinched.
4. Screw on finish plate with provided #8 screws.

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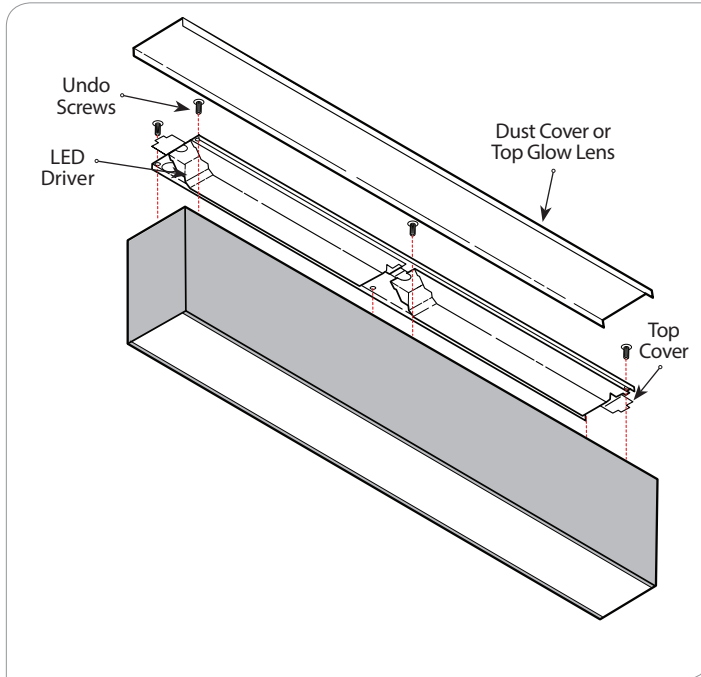
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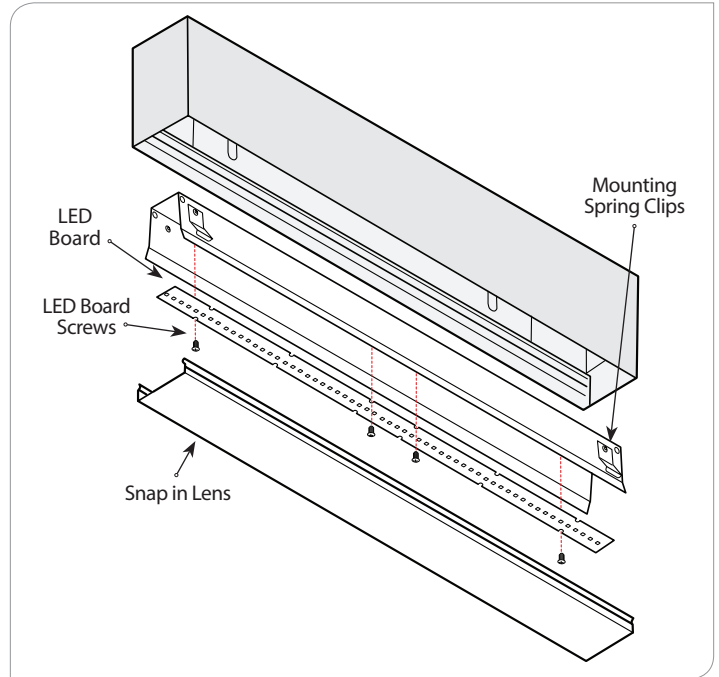
DRIVER REPLACEMENT



1. Disconnect power to fixture.
2. Remove dust cover and top cover (Do not uninstall fixture).
3. Unbend tabs to remove driver and undo electrical connections.
4. Replace driver and bend tabs to secure in place.
Make electrical connections .
5. Reinstall top cover.

NOTE: For surface mount, remove lense and reflectors from bottom to uninstall fixture and access driver.

LED BOARD REPLACEMENT



1. Remove lenses and reflector assemblies with boards to be replaced.
2. If necessary, undo side reflector by bending tabs to slideout of slots.
3. Undo electrical connections by pushing on wire socket.
4. Unscrew LED board and replace with new one.
5. Insert electrical connections and replace reflectors and lenses.

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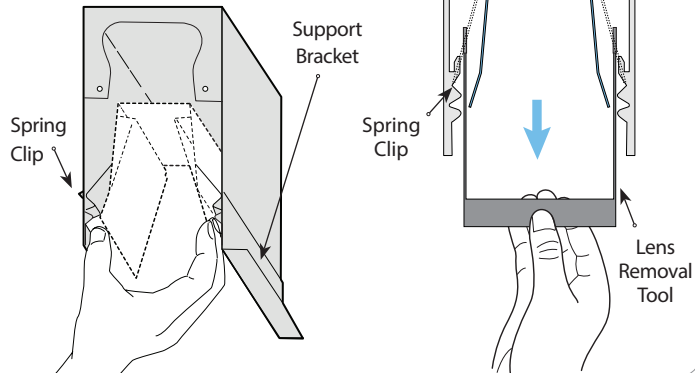
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REFLECTOR DETAILS

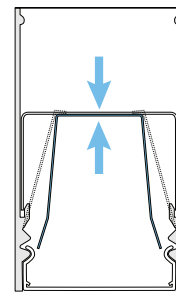
REFLECTOR REMOVAL DETAIL

Remove reflector assembly to expose mounting obrounds and ballast wire leads, squeeze and pull out at each end of reflector so spring clips disengage from clip support bracket.

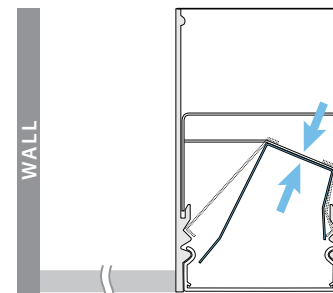
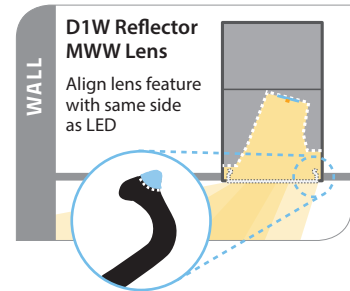


REFLECTOR POSITION

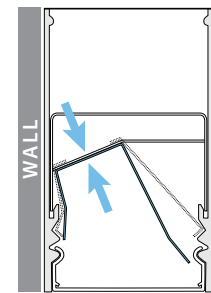
WALL WASH ORIENTATION



D1 / MWG / MBW



MWW-D1W: WALL SIDE



MWW-D1R: ROOM SIDE

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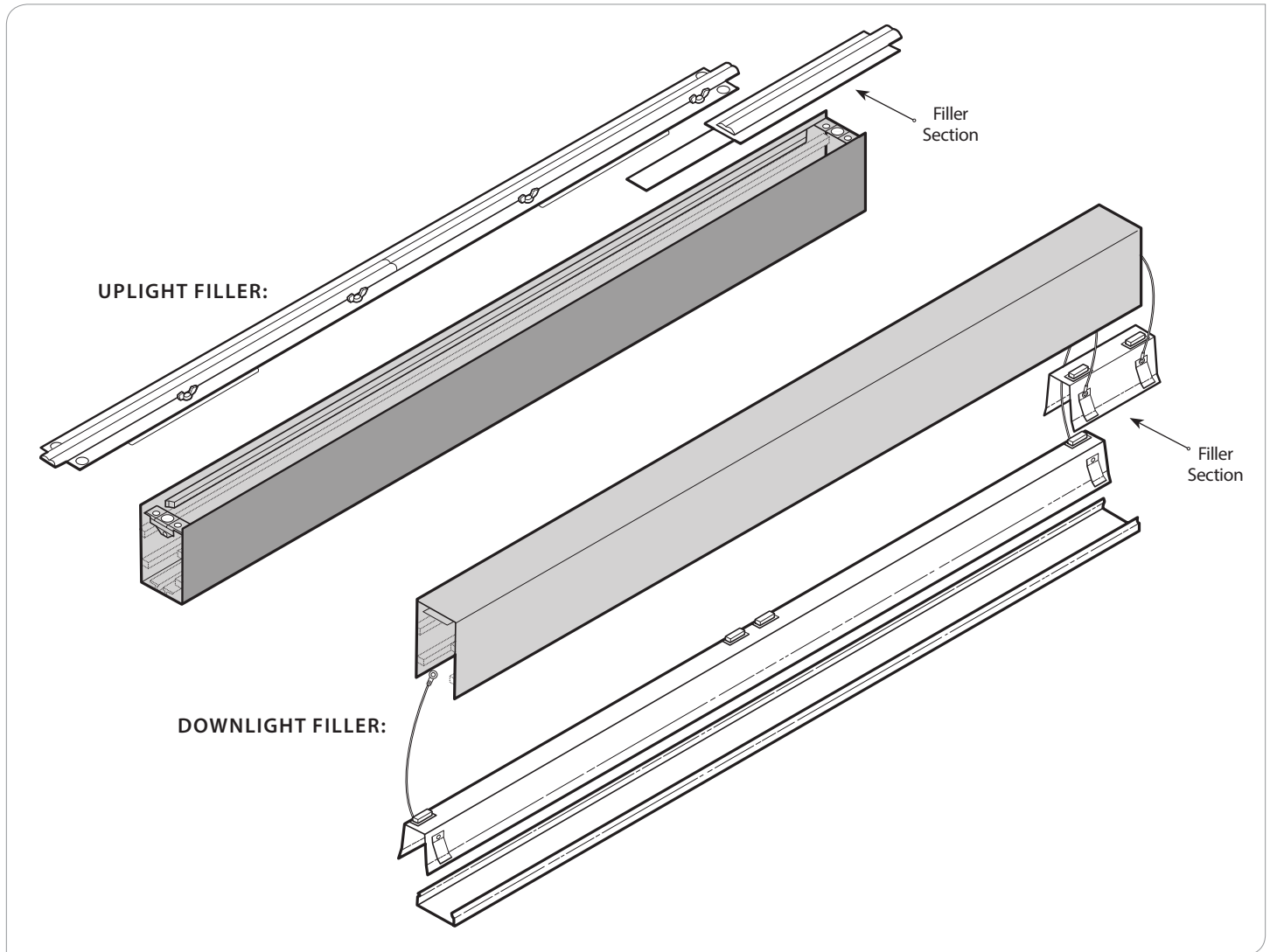
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FILLER REFLECTOR INSTALLATION

Customs lengths only

UPLIGHT FILLER: Screw down filler section before main reflector assembly.

DOWNLIGHT FILLER: Snap in filler section before main reflector assembly.



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