

Architectural SSL Magazine

PIA'22

product innovation award 

Project _____

Type _____

Notes _____

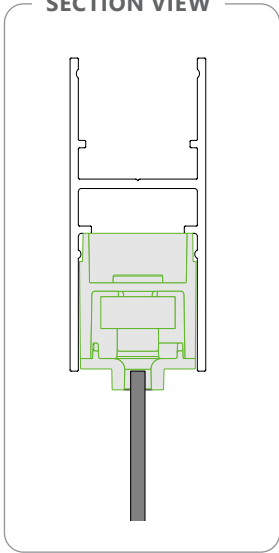


- 120-277V power input
- Constant Current driver power output 26-38V. Current range available: 100mA - 1200mA. Needs to be specified for drivers to be preprogrammed at Axis
- Constant Voltage driver power output 12V. Supports luminaire 40W max (3,33A)

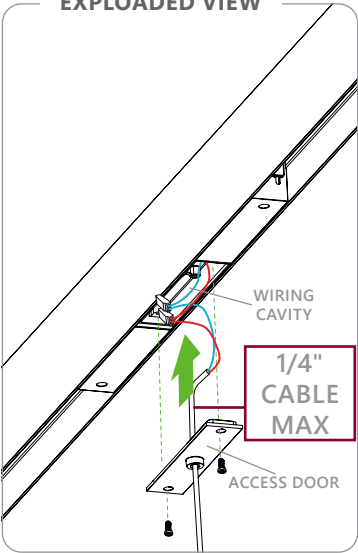
See more information on electrical across system breakdown on page 2.

Please specify location on system configuration drawing

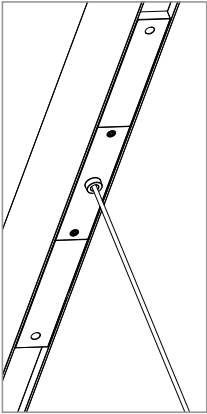
SECTION VIEW



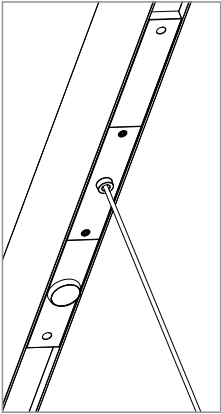
EXPLODED VIEW



MPI OPTIONS



Mini power insert (MPI) with Constant Current (CC) or Constant Voltage (CV) driver



Mini power insert with Empower (MPIEP) with Constant Current (CCEP) driver

Ordering Guide

SFTDUMPI			
PRODUCT ID		POWERING	HOUSING FINISH
SFTDUMPI	StencilFlex® Universal mini power insert	CC(#) constant current on 0-10V* **	BLK black
		CCEP(#) constant current on Empower* **	AP aluminum paint
		CV constant voltage 12V	W white
			C(#) custom*
		* Input voltage of your selected luminaire should be between 26 and 38 Volts. ** Specify desired current in brackets, can be programmed from 100-1200mA.	! Please ensure that your insert finish matches your framework finish selection (see Framework (SFF) spec sheet).
			Only applicable to CCEP Powering. See quick select on page 2. For more information on Empower™ partners and compatibility please refer to IC Control Guide

● CONSTRUCTION

Metal housing	Die cast aluminum with access door to wiring cavity.
Mounting	To be mounted into StencilFlex® framework and plugged into IMW™ connection.

● ELECTRICAL (INSERT WIRING)

Connecting MPI to StencilFlex™ framework with IMW	Patent pending integral modular wiring connection. One connection per insert. (see drawing) Designed to work with StencilFlex® framework wired for IMW (0-10V).
Connecting MPIEP to StencilFlex™ framework with IMWEP	Patent pending integral modular wiring connection. One connection per insert. (see drawing). Designed to work with StencilFlex® framework wired for IMWEP (Empower wireless sensor and control).
Input Voltage from framework to MPI	120V, 277V, UNV
Integral mini constant current driver (CC)	StencilFlex® MPI for constant current luminaires includes preprogrammed constant current driver 1% with 0-10V dimming, dim- to- off. Please specify desired current in brackets, can be programmed from 100-1200mA. Input voltage of your selected luminaire should be between 26 and 38 Volts
Integral mini constant current driver + Empower sensor / control module (CCEP)	StencilFlex® MPIEP for constant current luminaires with Empower™ includes an Axis integral mini D4i driver. and sensor / control module dimming standard.
Integral mini constant voltage driver (CV)	StencilFlex® MPIEP for constant voltage luminaires includes 12 V constant voltage driver. Not dimmable. Resulting current dependant on the load of chosen third party pendant luminaire. Compatible with all 12V DC pendants 40 watt maximum (3.33A).

● EMPOWER WIRELESS SYSTEM SELECTION

StencilFlex® framework supports Empower wireless control. All of the control elements are included with the inserts. The Integral Modular Wiring (IMW™) provides the power to the Empower devices, adding the freedom of resolution of one control.

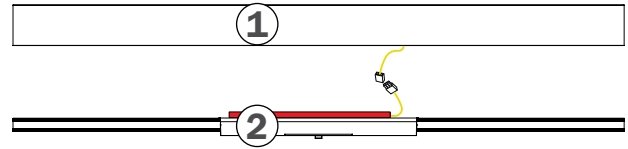
Quick Select:

EP(L,PWC,1,D4I)	Lutron Vive with D4i DALI Driver without sensor
EP(L,PWC,2,D4I)	Lutron Vive with D4i DALI Driver with sensor
EP(E,PWC,2,D4I)	Enlighted SU-5E-CL with D4i DALI Driver
EP(E,PWC,3,D4I)	Enlighted SU-5E-IOT with D4i DALI Driver
EP(O,PWC,1,D4I)	OSRAM SensiLUM with D4i DALI Driver

NOTE: See [IC CONTROL GUIDE](#) for more information on Empower partners and compatibility.

! Please make sure to select SAME system as you have selected for the Framework.

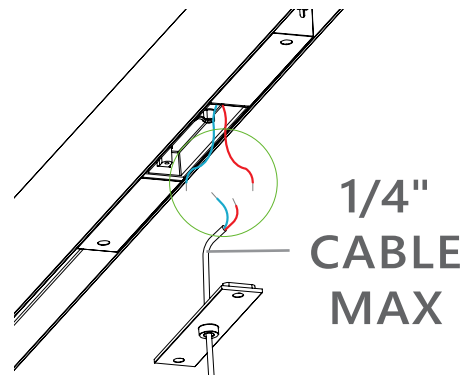
● ELECTRICAL ACROSS SYSTEM BREAKDOWN



1	120V-277V input (line voltage coming from framework, going to Mini Power Insert (MPI))
2	For Constant Current option: Constant Current driver that powers MPI takes line voltage from framework and outputs between 26-38V). When specifying, please include desired current. Axis will preprogram the driver to that current. Range available: 100mA - 1200mA. For Constant Voltage: If Constant Voltage selected, constant voltage driver will output 12V DC. Can support luminaire 40W max (3.33A).

● CABLE CONNECTION AND REQUIREMENTS

Cable size for CC or CV 1/4" maximum.



Installation instruction for third party fixture connection available [ataxislighting.com](#)

● FINISH

Powder coated black, white, aluminum and custom finishes are available.

! Please ensure that your insert finish matches your framework finish selection (see [Framework \(SFF\)](#) spec sheet).

● WARRANTY

Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at [axislighting.com](#).

● APPROVALS

Certified to cULus standards.



Axistrak™ certified under UL1598. All track adapters certified under UL2108.