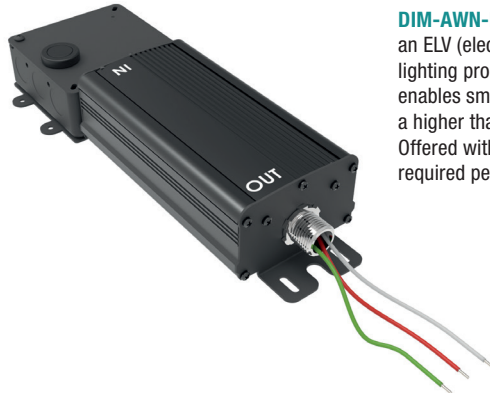


DIM-AWN-ELV

Dimming Module Converts
Lutron Athena Wireless
Signal to ELV Dimming
for Lighting Products



Date:

Type:

Luminaire:

Project:

Approved:

DIM-AWN-ELV is a dimming module that converts a radio frequency signal to an ELV (electronic low-voltage) reverse phase dimming signal for ELV dimmable lighting products. This module with an integral Athena Wireless Node (AWN) enables smooth dimming of ELV lighting products down to 1%. The unit features a higher than standard wattage rating at 800W @ 120 VAC, 1800W @ 277 VAC. Offered with three different connection options for simple installation. One module required per linear run.



SPECIFICATIONS

PHYSICAL

housing	black anodized extruded aluminum housing, black powder coated endcaps and mounting brackets
dimensions	9.36"L x 3.73"W x 2.39"H
weight	< 2 lbs.
mounting	Wall & Ceiling Mount, and Conduit options, simple installation, direct J-box mount
impact rating	Housing rated IK10, AWN Node not Rated
vibration	Wall & Ceiling Mount, and Conduit options

PERFORMANCE

power rating	800W @ 120 VAC, 1800W @ 277 VAC
max luminaire run	maximum luminaire run (per one DIM-AWN-ELV) is based on the total power consumption of the luminaires used
operating temperature	-4°F TO 104°F (-20°C to 40°C)
warranty	5-year limited warranty

ELECTRICAL

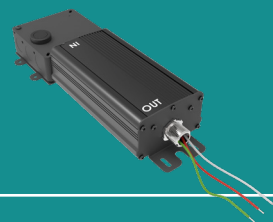
input voltage	Universal 120–277 VAC standard, 50-60 Hz
power supply	integral to dimming module enclosure
certification	ETL, cETL
standards	UL-Class I
environment	dry, damp location
dimming	dimming control module: AWN to ELV Dimming Converter (1 module per luminaire run)

Due to continuous development and improvements, specifications are subject to change without notice. Solid State Luminaires reserves the right to change lab test details or specifications without notice. Product use certifies agreement to Solid State Luminaires terms and conditions.

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Specification Sheet

AWN to ELV Dimming Module



Ordering Information



Note: This module works with all ELV (electronic low-voltage) trailing edge dimmable products.

J-Box to J-Box Mount (12" lead wires)

PART NUMBER

DIM-AWN-ELV	UNV	OJBM	IJBM	BLA
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MODEL	VOLTAGE	OUTPUT	CONNECTIONS	INPUT	COLOR
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DIM-AWN-ELV AWN - ELV Converter **UNV** 120V-277 VAC **OJBM** Output Junction Box Mount (12" lead wire) **IJBM** Input Junction Box Mount **BLA** Black Anodized Alum.



Conduit to J-Box Mount (96" lead wires)

PART NUMBER

DIM-AWN-ELV	UNV	OCPM	IJBM	BLA
-------------	-----	------	------	-----

MODEL	VOLTAGE	OUTPUT	CONNECTIONS	INPUT	COLOR
-------	---------	--------	-------------	-------	-------

DIM-AWN-ELV AWN - ELV Converter **UNV** 120V-277 VAC **OCPM** Output Conduit Pipe Mount (96" lead wire) **IJBM** Input Junction Box Mount **BLA** Black Anodized Alum.



6" Starter Cord to J-Box Mount (12" lead wires)

PART NUMBER

DIM-AWN-ELV	UNV	OSCM	IJBM	BLA
-------------	-----	------	------	-----

MODEL	VOLTAGE	OUTPUT	CONNECTIONS	INPUT	COLOR
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DIM-AWN-ELV AWN - ELV Converter **UNV** 120V-277 VAC **OSCM** Output Starter Cord Mount (6" lead wire) **IJBM** Input Junction Box Mount **BLA** Black Anodized Alum.

6" Starter Cord connector, with 3-position connection, connects directly to these Cove & Graze Interior luminaires:

- eCoveLine (ECVL)
- eCoveLine XL (ECVLX)
- CoveLine (CVL)
- CoveLine XL (CVLX)
- eCoveLine XL Color (ECVLX)
- CoveLine Color (CVL)
- CoveLine XL Color (CVLX)
- Mini CoveLine (MC)

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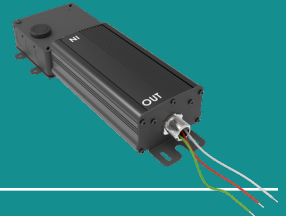
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Specification Sheet

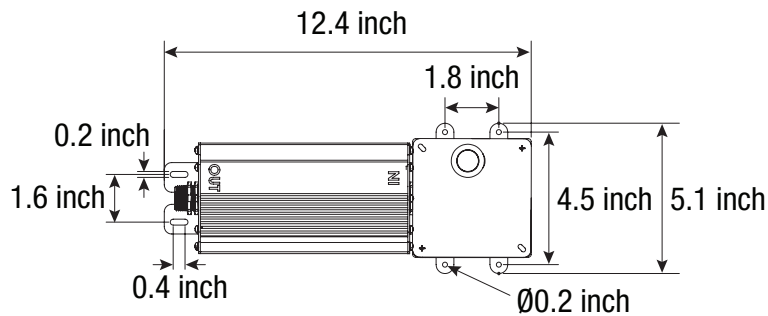
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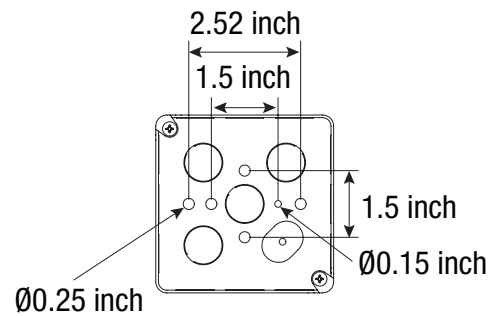
AWN to ELV Dimming Module



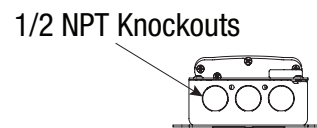
Dimensions



TOP VIEW



SIDE VIEW



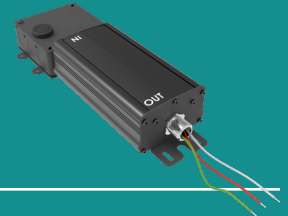
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Specification Sheet

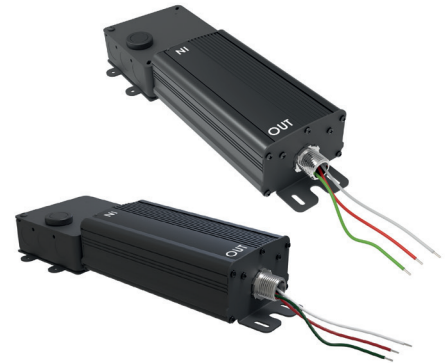
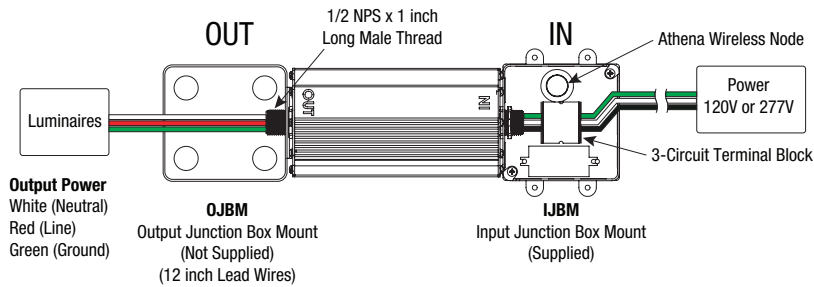
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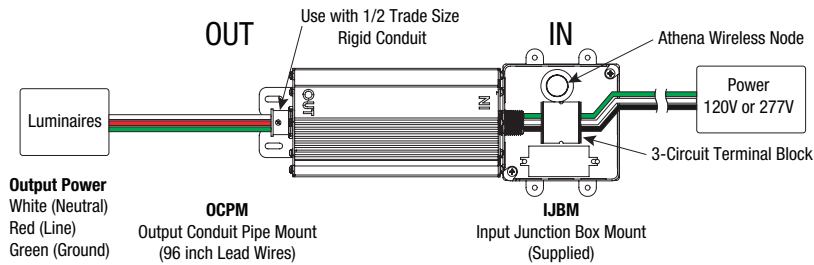


Maximum Luminaire Run = maximum luminaire run per unit is based on the power consumption of the luminaires used. **800W @ 120V AC, 1800W @ 277V AC**

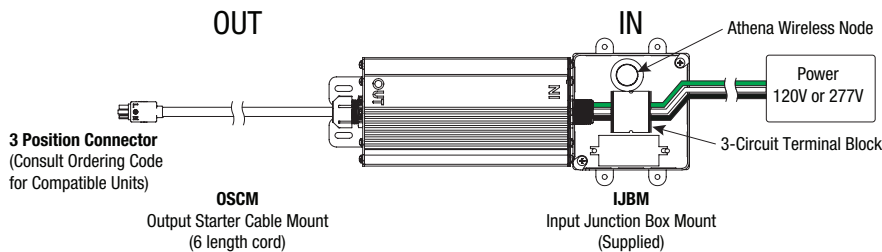
Junction Box to Junction Box Mount



Junction Box to Conduit Mount



Junction Box to Starter Cable Mount



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