

# AIRELIGHT SQUARE2 INSTALLATION GUIDELINES



## Airelight Pre Install Wiring Notes

- Airelight Square luminaires should only be connected to 24V Class II drivers. Use of any other power source will cause damage and may void the warranty.
- Only use 18 AWG stranded wire to connect directly to each luminaire. If larger gauge is used for cable drop, reduce to 18 AWG to each luminaire. Never use solid core wire when connecting to a luminaire.
- Goldeneye will not be held responsible if the luminaires are not installed according to applicable codes and safety standards.

## Installation Steps

1. Remove the junction box cover.
2. Make wiring connections from 24V power supply to luminaire/s. (Reference cable length chart below)
3. Reattach junction box cover.
4. See diagrams below to connect multiple luminaires to one driver.

## Airelight Square Power Consumption

AS2-2.0-xx-xx= 3 Watts

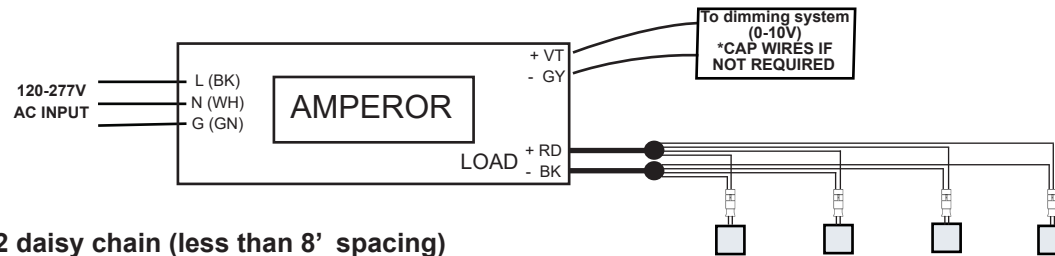
AS2-3.0-xx-xx= 7 Watts

AS2-4.0-xx-xx= 12 Watts

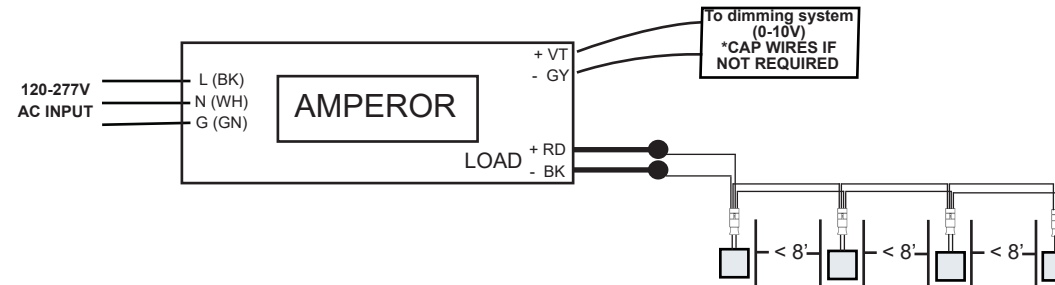
## Recommended Cable Lengths To Minimize Voltage Drop\*

Watts	10	20	30	40	50	60	70	80	90	100
18 AWG	92 ft	46 ft	31 ft	23 ft	18 ft	15 ft	13 ft	12 ft	10 ft	9 ft
16 AWG	147 ft	73 ft	49 ft	37 ft	29 ft	24 ft	21 ft	18 ft	16 ft	15 ft
14 AWG	233 ft	116 ft	76 ft	58 ft	47 ft	39 ft	33 ft	29 ft	26 ft	23 ft
12 AWG	370 ft	185 ft	123 ft	93 ft	74 ft	62 ft	53 ft	46 ft	41 ft	37 ft

## Wiring Example #1: Airelight Square2 direct wire (greater than 8' spacing)



## Wiring Example #2: Airelight Square2 daisy chain (less than 8' spacing)



## WATTAGE CHART EXAMPLE

- 4 AS2-4.0-xx-xx = 48W
- 4 AS2-3.0-xx-xx = 28W
- 4 AS2-2.0-xx-xx = 12W