

CONTROL-LVFA BLUETOOTH CONTROLLER

Client: Project: Type: Quantity:



Quick and easy validation of wiring and network

Direct Connect™ Sensor Port

Simple and cost-effective addition to Avi-on sensors



Internal Antenna

Improved performance and eliminates risk of accidentally cutting a hanging wire

Terminal Blocks & Mounting Tabs

Faster, easier and lower cost installation eliminating connectors

SPECIFICATIONS

INPUT VOLTAGE: 12-24VDC

CURRENT: 15mA without a Sensor

19mA with a DC PIR Sensor

48mA with a DC Microwave Sensor

0-10V DIMMING: 12-24VDC

SIZE: 2.30in x 1.43in x 0.75in

(58.2mm x 36.4mm x 19mm) Removable mounting tabs

MOUNTING: Removable m WEIGHT: 0.45 oz (16g)

OPERATING TEMP: -22°F to +158°F (-30°C to + 70°C)

RADIO FREQUENCY: 2.4GHz

WIRELESS STANDARD: BLE 4.2 with Mesh
POINT TO POINT RANGE*: 80ft with obstructions
350ft unobstructed

SECURITY: AES 128-bit encryption for device to device

communication

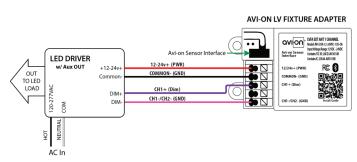
AES 256-bit encryption for device to cloud

communication

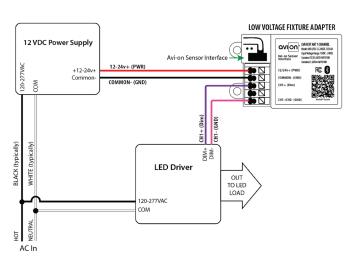
WARRANTY: 5 years; 10 years optional REGULATORY: 5 CC: 2AFZI-AVI1010 B IC: 20544-AVI1010 B

IC: 20544-AVI1010 B BQB: D031801, DID: 86303 UL 916, 2043 (Plenum Rated)

WIRING DIAGRAM



Fixture adapter powered by LED driver auxiliary output



Fixture adapter connected to LED driver and using power supply











^{*}When communicating through the mesh, range is essentially unlimited (5000ft+)