

Quick Start Guide

AV-PAPI Series 3

(Constant Current Powered Systems - FAA Style B & ICAO)

Introduction

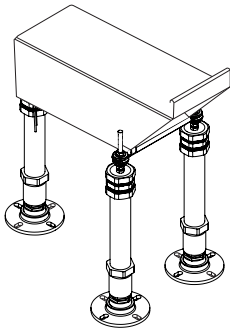
This Quick Start Guide provides a brief summary of steps for installing the AV-PAPI Series 3 Lighting System supplied with traditional Constant Current Regulator (CCR).



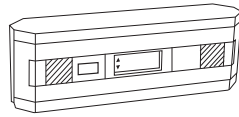
CAUTION:

The series circuit must be fully de-energized and the CCR related to the PAPI circuit must be isolated.

Installation Parts



AV-PAPI Series 3
(2 or 4 LHAs)



Digital Inclinometer

Additional AV-PAPI Kit Components

Mounting Bolts

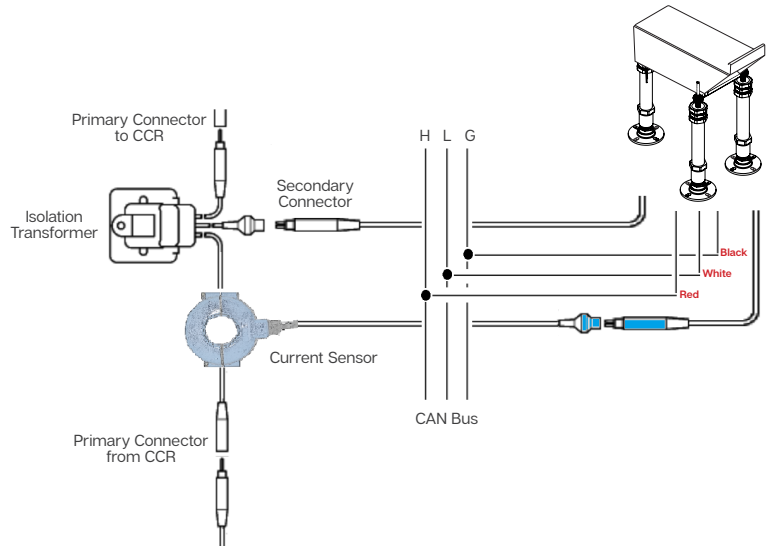
100W Isolation Transformer

CAN-Bus Cable

2

Connect the Light Head Assembly (LHA) to Constant Current (CCR) and CAN-Bus

Connect the LHAs per the diagram below. Be sure to follow all safety rules associated with Series Circuit installation and operation.



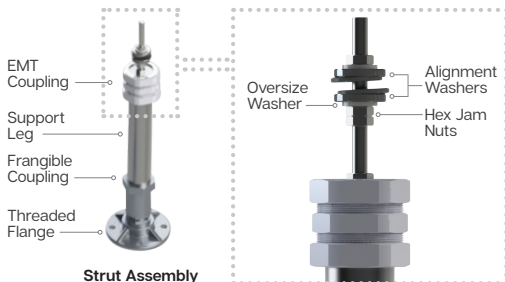
1

Install the Light Head Assembly (LHA)

Mount the included strut assemblies directly to the specified concrete pad, positioning the shorter leg on rear flange and the longer legs on the front flanges.

Orient each LHA so the front faces the approach end of the runway and lower the LHA housing onto the threaded rods of the three strut assemblies.

Secure with three sets of hex jam nuts, oversize and alignment washers onto the threaded rods.



3

Aim the Light Head Assembly (LHA)

Refer to the manual for the digital inclinometer operation. Follow regulatory (FAA, ICAO, etc) guidelines for proper alignment. Repeat steps 1 to 3 for the remaining LHAs.

Typical Inclinometer Incline Angles and Tolerances for 3° Glideslope

Position	Incline Angle	Tolerance
LHA-1	3° 30 min.	±0.05° (3 arcmin)
LHA-2	3° 10 min.	±0.05° (3 arcmin)
LHA-3	2° 50 min.	±0.05° (3 arcmin)
LHA-4	2° 30 min.	±0.05° (3 arcmin)

Need more information?

Please see the AV-PAPI Series 3 Installation and Service Manual at www.avlite.com.

For Your Convenience

Scan the QR code to view the Installation and Service Manual from any mobile device.



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AV-PAPI Series 3 FAA Style B & ICAO_QSG_EN_V1-2



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