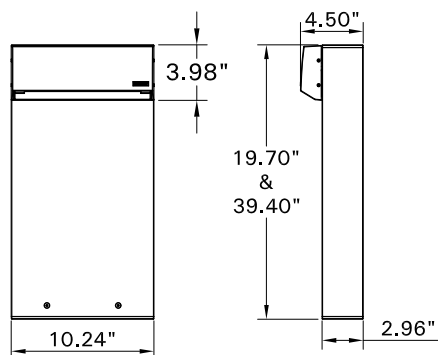


INSTALLATION AND SERVICE MANUAL

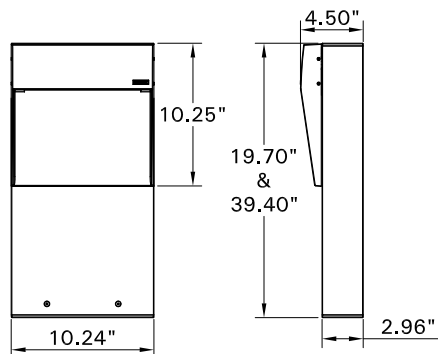


For installation of Abacus 4,5 Bollard LED.
Model. UAB-10001, 10011, 10021, 10031, 10041, 10051, 10061 and 10071.

Product drawing (dimensions)

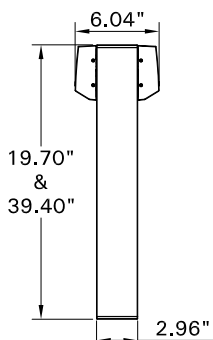


UAB-10001, UAB-10011

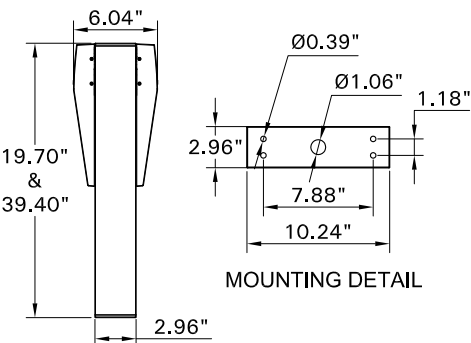


UAB-10041, UAB-10051

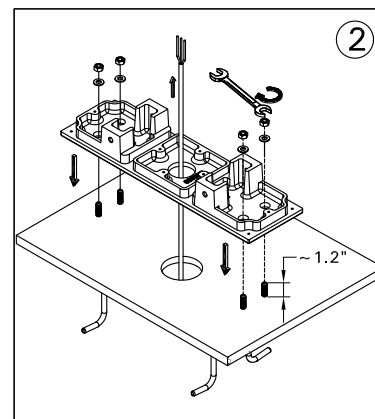
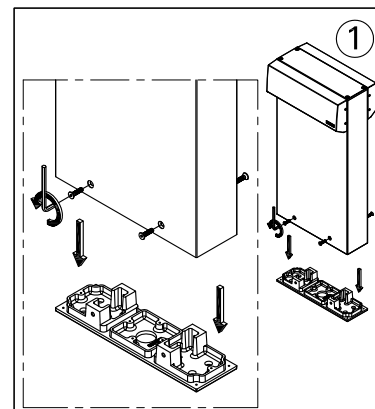
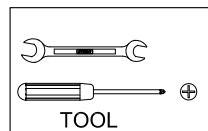
SUITABLE FOR WET LOCATIONS



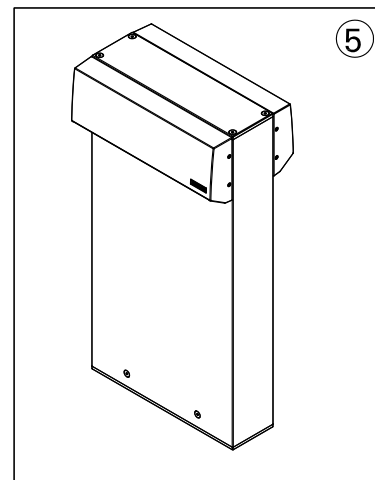
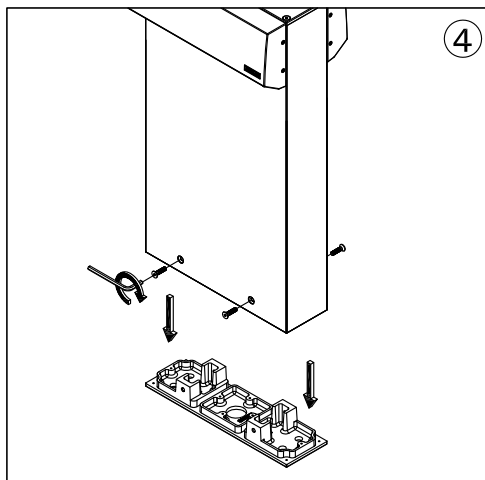
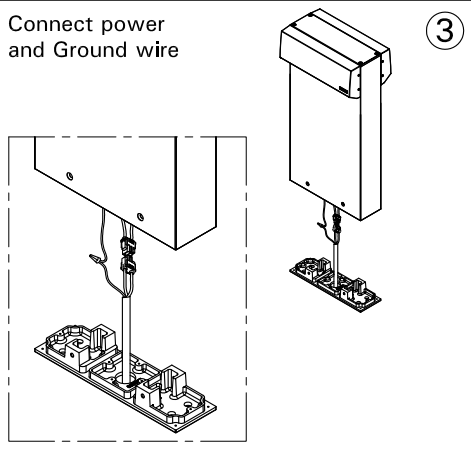
UAB-10021, UAB-10031



UAB-10061, UAB-10071



Connect power and Ground wire



Notice to installer :

- 1.WIRING INSTRUCTIONS** Warning : RISK OF FIRE AND ELECTRICAL SHOCK. : FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY>FIXTURE IS INTENDED FOR INSTALLATION IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, LOCAL AND FEDERAL CODE SPECIFICATIONS. DISCONNECT POWER BEFORE SERVICING.
- 2.This fixture has a VOLTAGE SPECIFIC BALLAST, Check that the supply voltage is the same as the installed ballast voltage.**

Ligman Lighting USA

7144 NW Progress Court, Hillsboro
Oregon, 97124, USA
Tel : 503 645 0500 | Fax : 503 645 8100

www.ligmanlightingusa.com

UAB-10001 20/03/17/REV.0/PUT.
1/1



FM-TS-13/25-05-2007-REV.2