

The CANLED Installation Manual

Hazardous Location



Webpage



Manual



APPLICATION

The CANLED luminaire is an industrial-grade product suitable for harsh and hazardous locations. Installation areas include indoor, outdoor, and wet locations. Frequent exposure to moisture, dirt, corrosion, vibration, and rough usage is common for this product family. As defined by the National Electrical Code (NEC) and the Canadian Electrical Code (CEC), they are suitable for use in the following areas:

Certified to:	CSA 22.2 No. 250.0, Conforms To UL 1598 standard
Hazardous Location Zone Approvals:	Class I, Division 2, Groups ABCD, T3
Housing:	Copper-free 6061-T6 aluminium with polycarbonate lens
Mounting:	2 x 1/4"-20 screws or bolts
Input Voltage:	12-24VDC (Maximum voltage: 28VDC)
Current (Typ):	0.66A@12VDC 0.33A@24VDC
Connections:	6' Flying Lead Black: Negative (-) White: Postive (+)
Temperature Range:	-40° C to +55° C
Ingress Protection:	IP66



WARNING

To avoid the risk of fire, explosion, or electric shock, this product should be installed, inspected, and maintained by a qualified electrician only, in accordance with all applicable electrical codes.



WARNING

To avoid electric shock:

- Be certain electrical power is OFF before and during installation and maintenance.
- Luminaire must be connected to a wiring system with an equipment-grounding conductor.

INSTALLATION STEPS

STEP 1:

Inspect shipping package and contents to ensure no damage has occurred during shipping.

STEP 2:

Loosen each bracket 1/4"-20 yoke hex bolt (2x) slightly to allow some free movement. Be sure not to loosen too much that they disengage from the CANLED body. This will allow for easier installation and aiming.

STEP 3:

Mount fixture to desired location with 2 x 1/4"-20 screws or bolts.

*See Mounting Dimensions for installations with fixed studs if desired.

STEP 4:

Adjust fixture to desired angle and tighten bracket 1/4"-20 yoke bolts.

STEP 5:

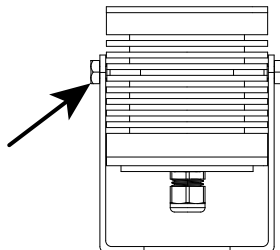
Connect fixture flying lead to DC power supply as per in accordance with all applicable electrical codes.



Black: Negative (-) | White: Positive (+)

STEP 6:

Energize fixture.



MOUNTING DIMENSIONS

