



KT-ALED40-D2D-WM-850-VDIM

40W AREA LIGHT

INSTALLATION INSTRUCTIONS

PLEASE FIND A QUALIFIED ELECTRICIAN FOR INSTALLATION. Please read the instructions before you install and use the area light.

APPLICATION

Structure-mount or arm-mount outdoor illumination needs (including barns, garages, parking areas, and other general purpose or security lighting requirements)

SAFETY AND ELECTRICAL PARAMETERS

Warning

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards, read all warnings and instructions included with and or the fixture box and fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- Commercial installation, service, and maintenance of luminaires should be performed by a qualified licensed electrician.
- If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician. **Please abide by all relevant country, regional and local code requirements and regulations when installing this luminaire.** Wiring must be in accordance with NEC and all applicable local codes.
- Do not make or alter any unnecessary holes in an enclosure of wiring or electrical components during the installation.

Warning

- Turn off electrical power at the fuse or circuit breaker box before wiring fixture to the pole/site/building power.
- Turn off the electrical power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information. Do not install with supply voltage that exceeds the rated input voltage of the luminaire.
- All wiring connections should be capped with UL approved wire connectors.

Caution

- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy/recycle packaging material, as these may be hazardous to children.
- Risk of Burn. Disconnect power and allow fixture to cool before handling/servicing.

Notice

- All fixture installs must be properly grounded.
- Minimum of 75°C/167°F supply conductors.
- Specifications and dimensions subject to change without notice. Consult Keystone with any questions or concerns.
- Fixture is IP65 Rated. Suitable for WET LOCATION.
- Ensure ambient operating temperature between -40°C/-40°F to 50°C/122°F is maintained. Exceeding these temperature ranges will void warranty and may reduce lifetime or cause performance issues. Exceeding these temperature ranges will void warranty and may reduce lifetime or cause performance issues.
- Inspect fixture for any damages before installing. If there is any damage, please do not install and contact Keystone or authorized distributor for resolution.

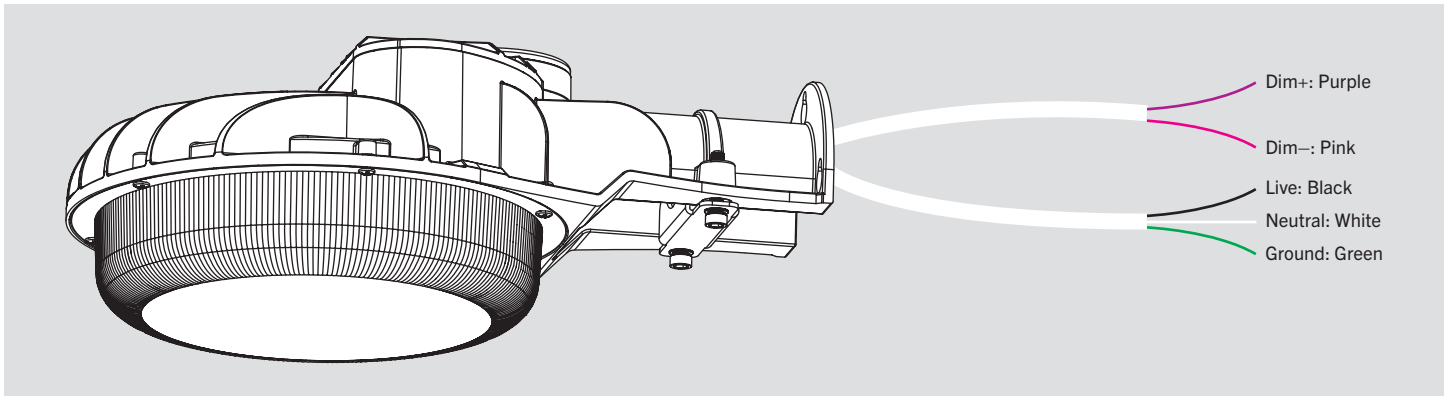
COMPONENTS INCLUDED IN KIT

Part	Quantity
LED area light fixture	1
Mounting accessories	2
Instruction sheet	1

Caution: Before installing, make certain that AC power to the fixture is off.

GENERAL SETUP INSTRUCTIONS

WIRING DIAGRAM



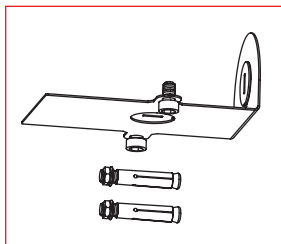
Note: *In accordance with NEC-20 410.69 2022, all 0-10V negative wires have been updated from gray to pink. Please contact Keystone for details

- This fixture comes pre-wired with a 7-pin Twist-Lock Receptacle with 3-pin Photocell. Make input connections as needed and ensure connections are protected from exposure to the elements.
- Input voltage rating: 120–277V
- Ensure that input voltage on site matches the fixture you intend to install.

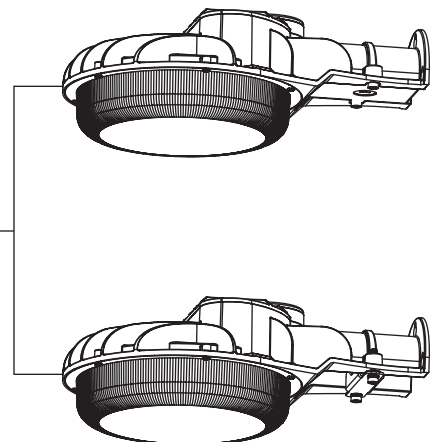
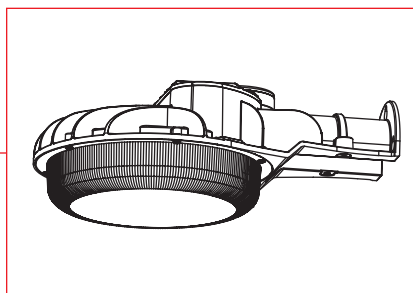
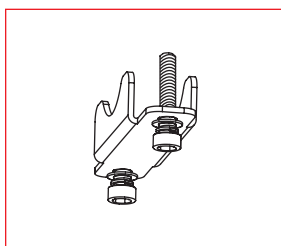
MOUNTING OPTIONS

Two different mounting accessories are included with this fixture. Use the proper accessory for the application you choose.

Wall Mount



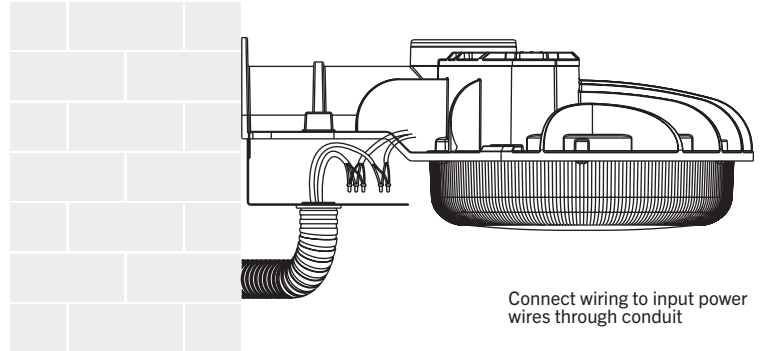
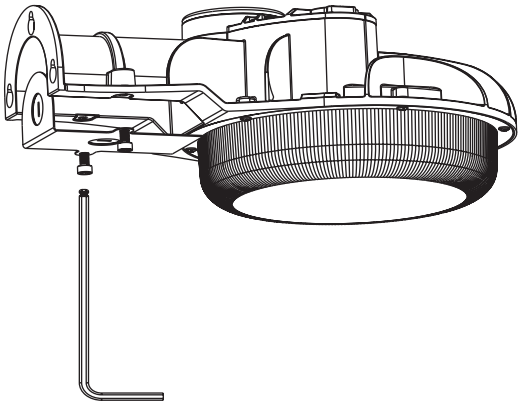
Pipe Arm Mount



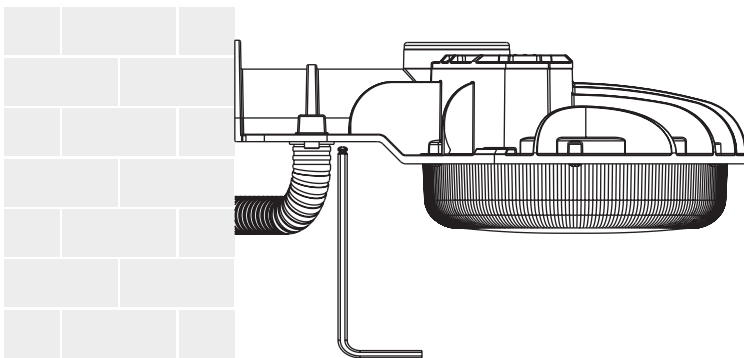
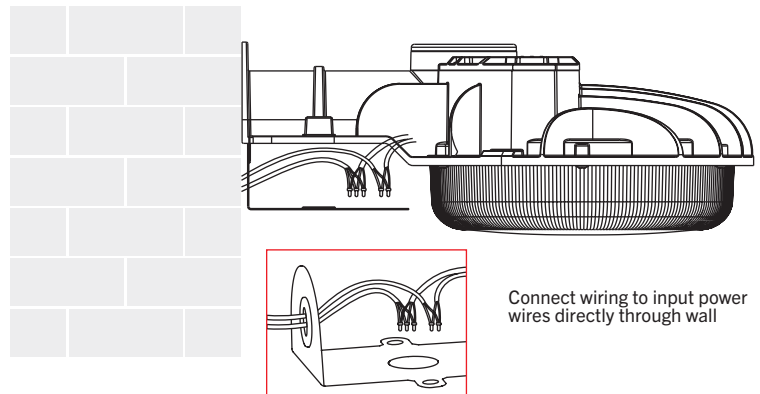
INSTALLATION INSTRUCTIONS

WALL MOUNT

1. Ensure power is off to the fixture.
 2. Mount fixture to desired building façade using suitable fasteners (not supplied) for the application. Use (3) fasteners in the appropriate locations. Ensure that the fixture is properly and permanently secured.
 3. Remove wall mount wiring cover plate using an M6 hex wrench and insert input power through applicable KO.
 4. Complete wiring to input power wires (see **Wiring Diagram**, page 2).
 5. Re-install wiring cover plate, ensuring that all wiring is inside the enclosure.
 6. Re-connect power when ready.
- (see illustrations below)



OR

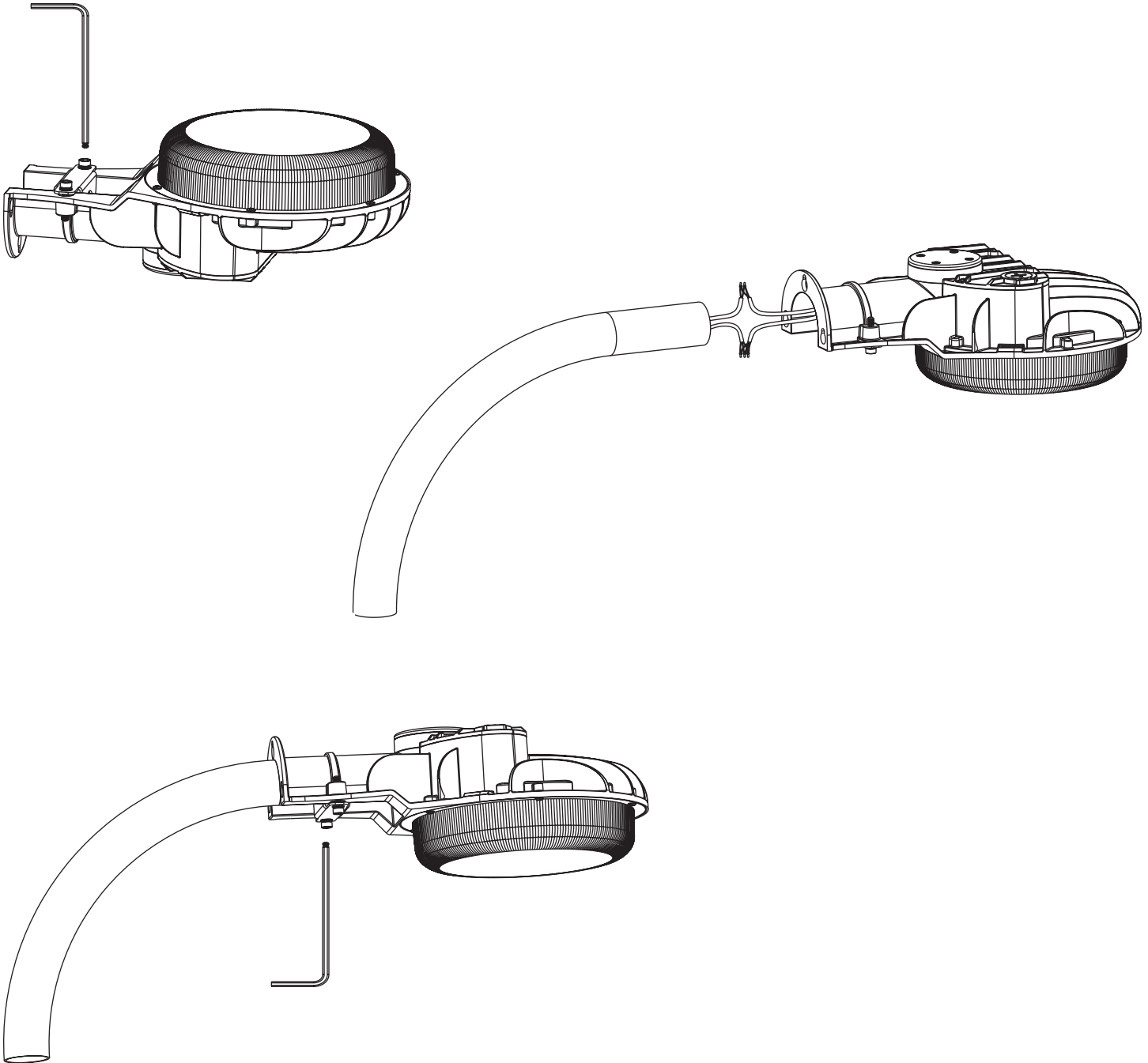


(Installation Instructions continued on next page)

INSTALLATION INSTRUCTIONS (continued)**PIPE ARM MOUNT**

This fixture is compatible with pipe arm diameters of 1 5/8"–2 3/8"

1. Ensure power is off to the fixture.
2. Install pipe arm mount bracket to the fixture loosely using an M6 hex wrench.
3. Slip the fixture over the pipe arm (not supplied; see **Accessory Options/Accessories**, page 5).
4. Complete wiring to input power wires (see **Wiring Diagram**, page 2).
5. Ensure that all wiring is inside the pipe and that fixture is fully seated into the pipe.
6. Tighten the pipe arm mount bracket. Ensure that the fixture is properly and permanently secured.
7. Re-connect power when ready.
(see illustrations below)



ACCESSORY OPTIONS / ACCESSORIES

24" CURVED ARM KIT

Catalog Number	Description	UPC	Easy Code
KT-ALED-CA-D2D-KIT	24" Curved Arm Mounting Pole, for Dusk-to-Dawn Area Light; Gray	843654131665	BFC-98

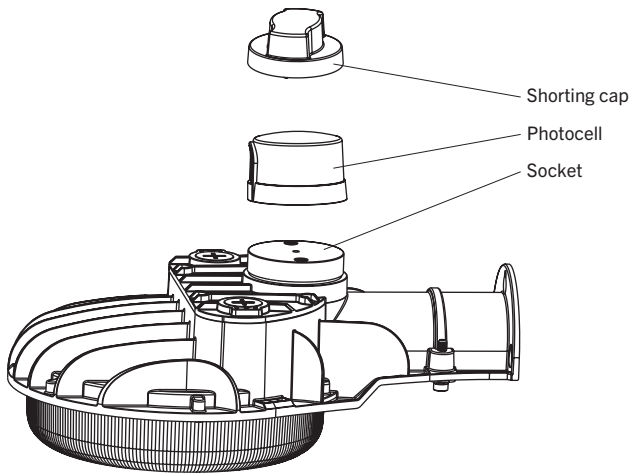
PHOTOCELL

This fixture is compatible with Keystone NEMA/ANSI C136.10-2010 Twist Lock 3-Pin Photocell. Corresponding 7-pin receptacle is pre-installed and pre-wired on fixture housing by default. Ensure photocell to be used matches rated input voltage of fixture.

Twist Lock 3-Pin Photocell

Catalog Number	Description	UPC	Easy Code
KT-TLP-UV-3PN	120–277V, 1800VA Max; Blue Housing	843654131825	NQT-46

1. Ensure power is off to the fixture.
2. Remove existing twist lock shorting cap from the receptacle.
3. Push the photocell onto the receptacle and twist clockwise to lock it into the receptacle.
4. For optimal performance, install the photocell with sensor detector window facing **North** as indicated on the top of the photocell. Adjust the receptacle positioning if necessary, while being sure to secure fully for proper water-tight install.
5. Re-connect power when ready.
(see illustration below)



SAVE THESE INSTRUCTIONS