

KT-WPLEDXXPS-M5-8CSB-VDIM

SERIES 5 FULL CUTOFF WALL PACK

KT-WPLED-M5-XX-1-KIT-X

HALF MOON SHELL / QUARTER SPHERE SHELL

INSTALLATION INSTRUCTIONS

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

APPLICATION

Building mount for exterior illumination (perimeters, pathways, loading docks, and other general and aesthetic 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 holes unnecessarily in an enclosure of wiring or electrical components during the installation. Additional holes in the housing are permitted only for mounting hardware and must be properly sealed with silicone (not provided) in order to maintain watertight operation of the fixture.

WARNING

- Turn off electrical power at the fuse or circuit breaker box before wiring fixture to the 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 75C supply conductors.
- Specifications and dimensions subject to change without notice. Consult Keystone with any questions or concerns.
- Fixture is IP65 Rated: Suitable for wet locations.
- 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.
- Inspect fixture for any damages before installing. If there is any damage, please do not install and contact Keystone or authorized distributor for resolution.
- Fixture should not be recessed. Housing must be mounted with lens facing towards the ground.
- Fixture is intended for outdoor usage but should not be mounted less than 80" from the ground.

WALL PACK COMPONENTS

Part	Quantity
Wall pack	1
Hardware	(4) PA5*40mm screws
	(4) Rubber fasteners

SHELL COMPONENTS

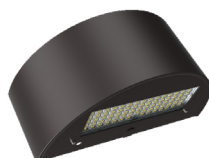
Part	Quantity
Half moon shell	1
Hardware	(2) M4*12mm screws
	(2) KM3*50mm screws
Quarter sphere shell	1
Hardware	(2) M4*12mm screws
	(2) MP3*60mm screws

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

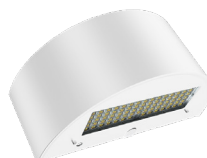
Caution: The electrical rating of this product is 120-277V. Installer must confirm that there is 120-277V at the fixture before installation.



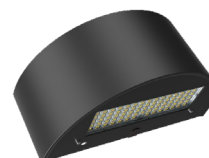
Full cutoff wall pack
Bronze



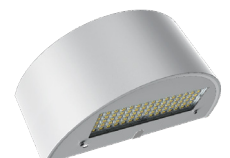
Half moon shell
Bronze



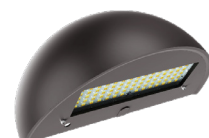
Half moon shell
White



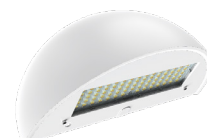
Half moon shell
Black



Half moon shell
Unpainted



Quarter sphere shell
Bronze



Quarter sphere shell
White

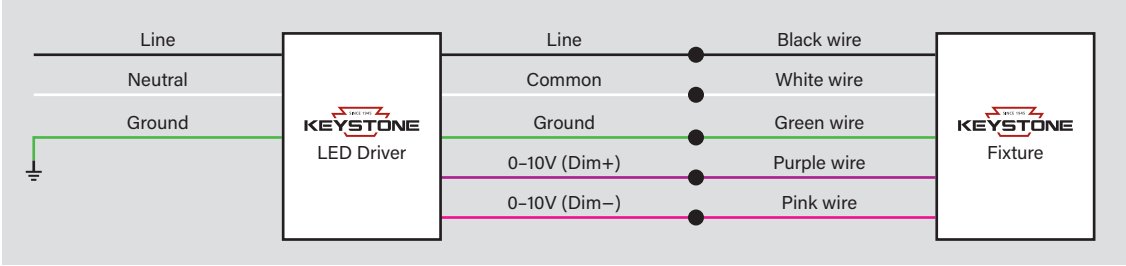


Quarter sphere shell
Black



Quarter sphere shell
Unpainted

WIRING DIAGRAM

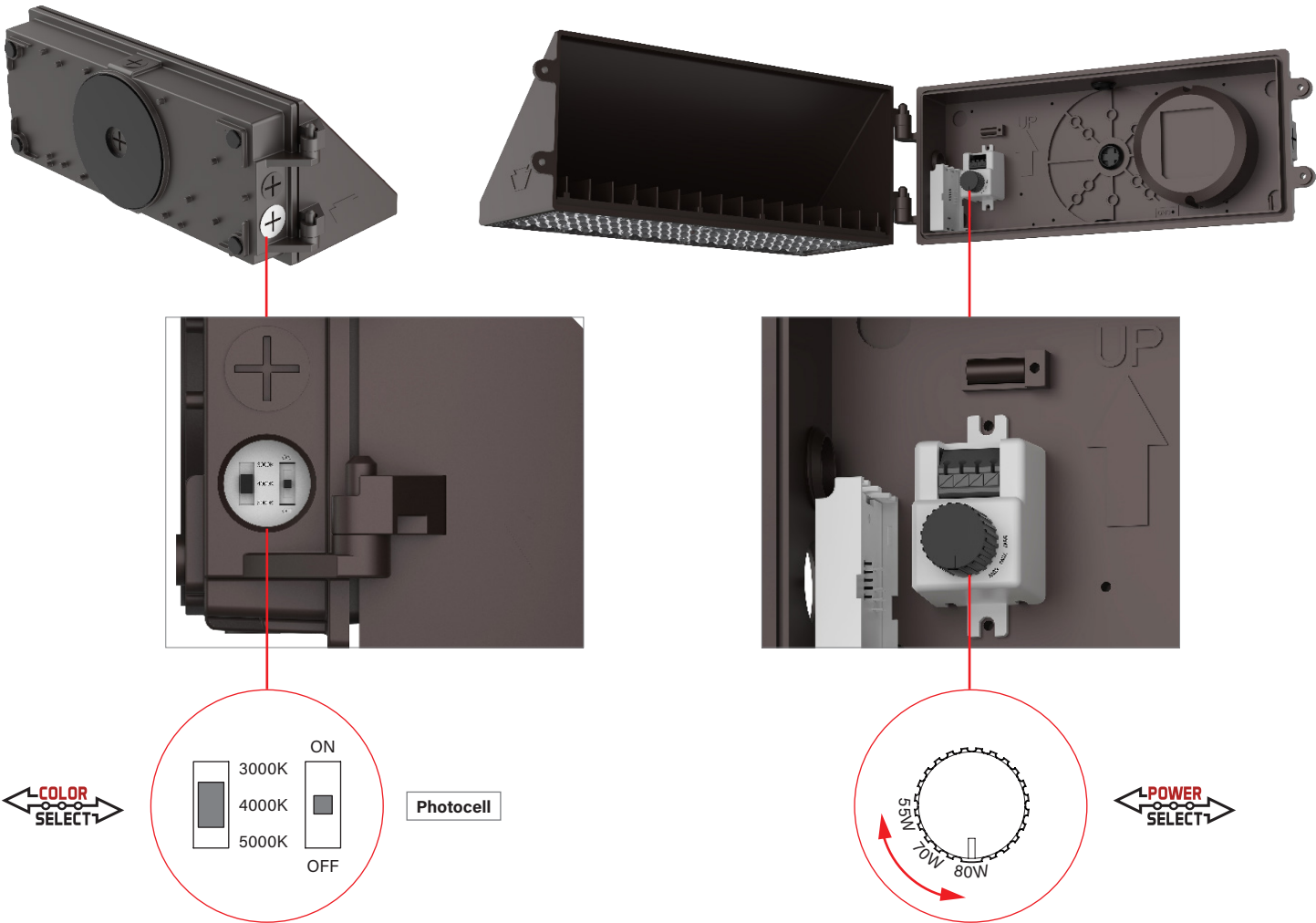


Note: In accordance with NEC-20 410.69 2022, all 0-10V negative wires have been updated from gray to pink. Please contact Keystone for details.

POWER SELECT (WATTAGE), COLOR SELECT (CCT), AND PHOTOCELL ADJUSTMENT

This fixture is equipped with field-adjustable selectable wattage, selectable CCT, and photocell adjustment technology.

- 1. Ensure power is off to the fixture.
- 2. Adjust CCT and photocell settings*:
 - a. Remove the 0.75" gasketed cap from side of wall pack.
 - b. Adjust CCT and photocell dip switches to desired settings.
 - c. Replace gasketed cap.
- 3. Adjust wattage setting*:
 - a. Open door assembly located on back of wall pack.
 - b. Adjust wattage by turning adjustment knob to desired setting.
 - c. Close door assembly.
- 4. Restore power to fixture.



KT-WPLED80PS-M5-8CSB-VDIM		KT-WPLE550PS-M5-8CSB-VDIM		KT-WPLED35PS-M5-8CSB-VDIM	
Selectable Wattage	Preset Value	Selectable Wattage	Preset Value	Selectable Wattage	Preset Value
80W	80W	55W	55W	35W	35W
70W		45W		25W	
55W		35W		15W	

* All fixtures are factory preset to highest wattage, 5000K, and photocell enabled.

ORDERING INFORMATION

FULL CUTOFF WALL PACK

Catalog Number	Description	Housing Color	UPC	Easy Code
KT-WPLED35PS-M5-8CSB-VDIM	Series 5 full cutoff wall pack Power Select 35/25/15W Color Select 30/40/50K Built-in dusk-to-dawn photocell 120-277V input Compatible with interchangeable shells	Bronze	843654162447	CNO-58
KT-WPLED35PS-M5-8CSB-VDIM /TAA	Series 5 full cutoff wall pack Power Select 35/25/15W Color Select 30/40/50K Built-in dusk-to-dawn photocell 120-277V input Compatible with interchangeable shells TAA Compliant	Bronze	843654184562	SRZ-42
KT-WPLED55PS-M5-8CSB-VDIM	Series 5 full cutoff wall pack Power Select 55/45/35W Color Select 30/40/50K Built-in dusk-to-dawn photocell 120-277V input Compatible with interchangeable shells	Bronze	843654162454	CDP-56
KT-WPLED55PS-M5-8CSB-VDIM /TAA	Series 5 full cutoff wall pack Power Select 55/45/35W Color Select 30/40/50K Built-in dusk-to-dawn photocell 120-277V input Compatible with interchangeable shells TAA Compliant	Bronze	843654184579	HCH-19
KT-WPLED80PS-M5-8CSB-VDIM	Series 5 full cutoff wall pack Power Select 80/70/55W Color Select 30/40/50K Built-in dusk-to-dawn photocell 120-277V input Compatible with interchangeable shells	Bronze	843654162461	LWX-90
KT-WPLED80PS-M5-8CSB-VDIM /TAA	Series 5 full cutoff wall pack Power Select 80/70/55W Color Select 30/40/50K Built-in dusk-to-dawn photocell 120-277V input Compatible with interchangeable shells TAA Compliant	Bronze	843654184586	NOA-44

SHELLS

Catalog Number	Description	Housing Color	UPC	Easy Code
KT-WPLED-M5-HM-1-KIT	Half moon shell Used on series 5 full cutoff wall packs	Bronze	843654162515	HEF-83
KT-WPLED-M5-HM-1-KIT-B	Half moon shell Used on series 5 full cutoff wall packs	Black	843654162522	ITM-37
KT-WPLED-M5-HM-1-KIT-W	Half moon shell Used on series 5 full cutoff wall packs	White	843654162539	VFS-17
KT-WPLED-M5-HM-1-KIT-U	Half moon shell Used on series 5 full cutoff wall packs	Unpainted	843654162546	CEB-42
KT-WPLED-M5-QS-1-KIT	Quarter sphere shell Used on series 5 full cutoff wall packs	Bronze	843654162478	UHK-82
KT-WPLED-M5-QS-1-KIT-B	Quarter sphere shell Used on series 5 full cutoff wall packs	Black	843654162485	VIV-91
KT-WPLED-M5-QS-1-KIT-W	Quarter sphere shell Used on series 5 full cutoff wall packs	White	843654162492	USH-81
KT-WPLED-M5-QS-1-KIT-U	Quarter sphere shell Used on series 5 full cutoff wall packs	Unpainted	843654162508	HLM-26

PACKAGING DIMENSIONS

Catalog Number	Carton Dimensions	Carton Weight
KT-WPLED35PS-M5-8CSB-VDIM	16.34" × 13.00" × 8.11"	8.18 lbs
KT-WPLED-M5-HM-X	19.29" × 10.24" × 8.46"	6.39 lbs
KT-WPLED-M5-QS-X	19.29" × 10.24" × 10.24"	5.07 lbs

FULL CUTOFF WALL PACK AND SHELL MOUNTING OPTIONS

WALL PACK WITH HALF MOON SHELL



(Full Cutoff Wall Pack and Shell Mounting Options continue on next page)

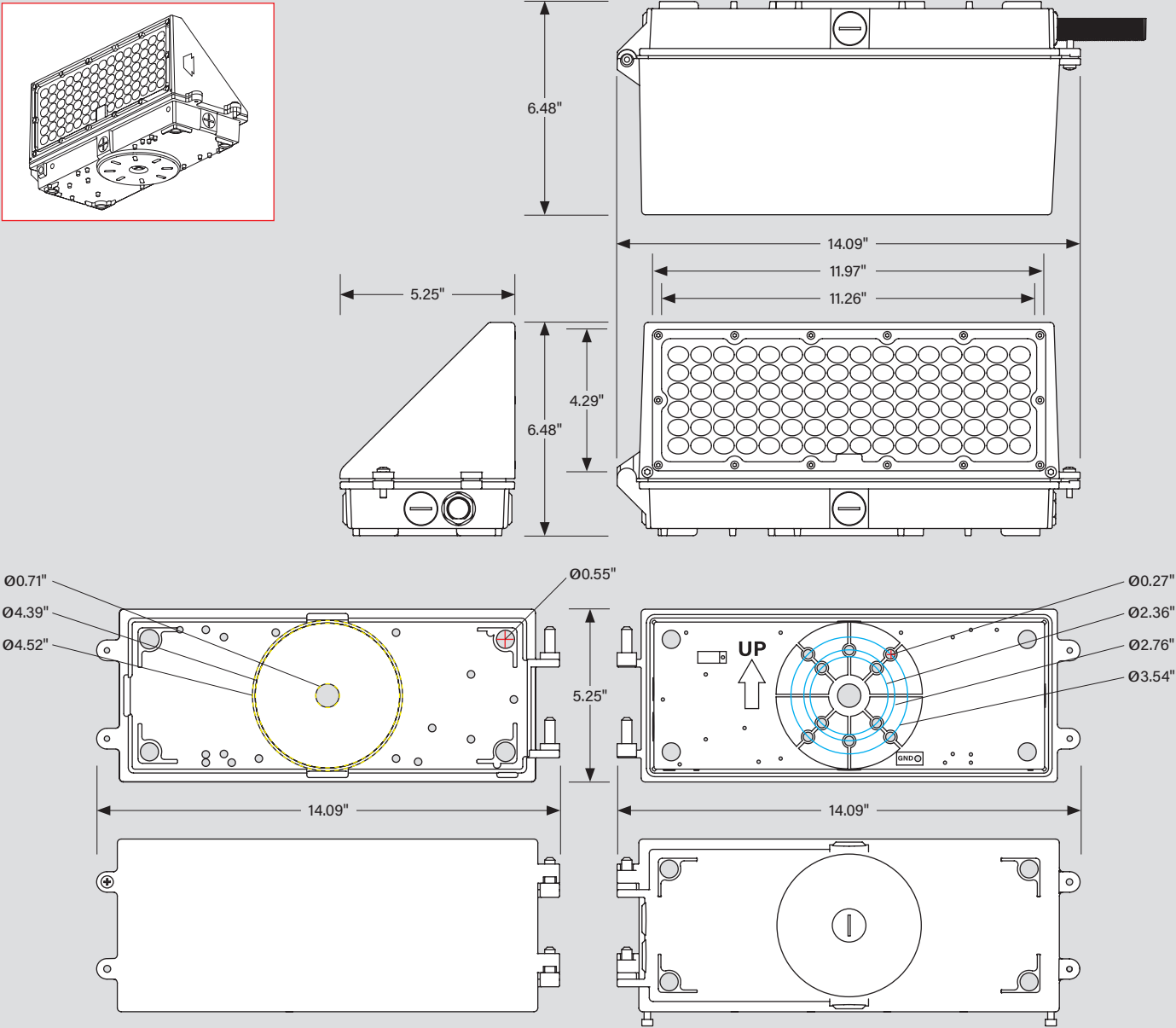
FULL CUTOFF WALL PACK AND SHELL MOUNTING OPTIONS (continued)

WALL PACK WITH QUARTER SPHERE SHELL



PHYSICAL SPECIFICATIONS

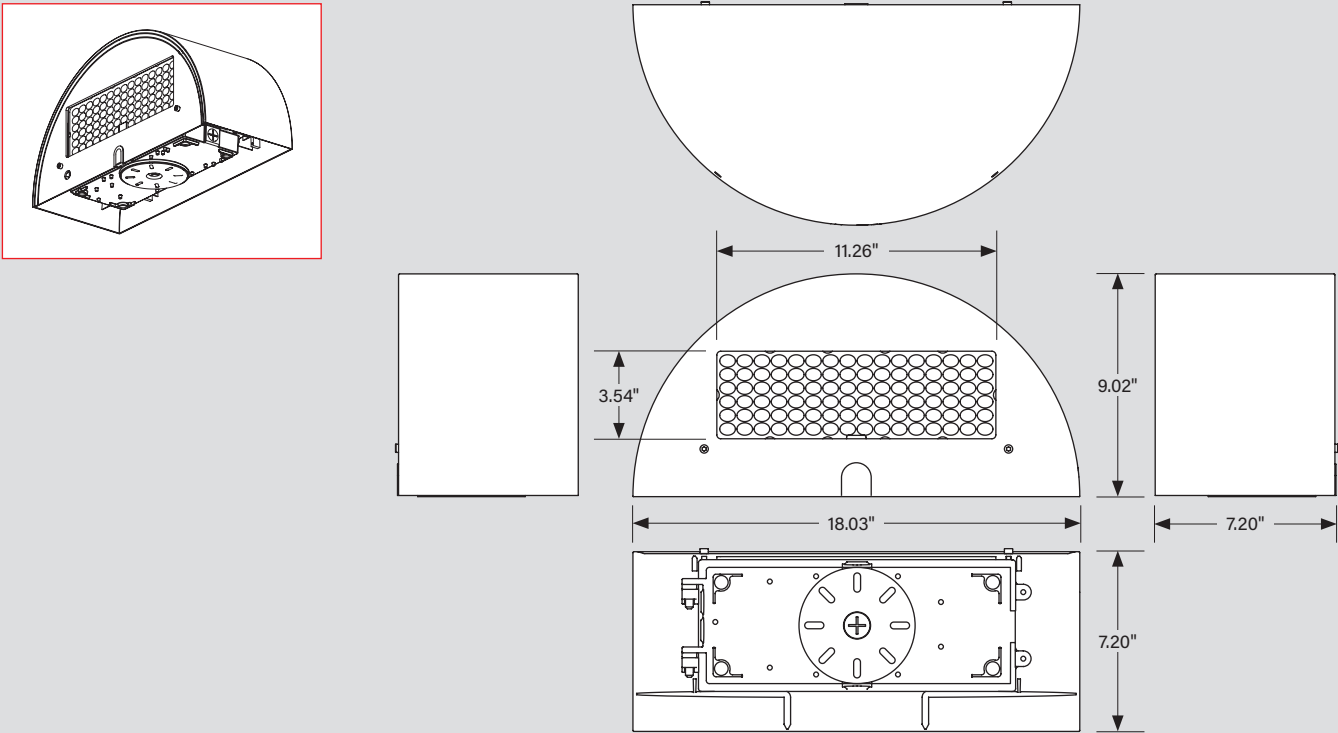
FULL CUTOFF WALL PACK



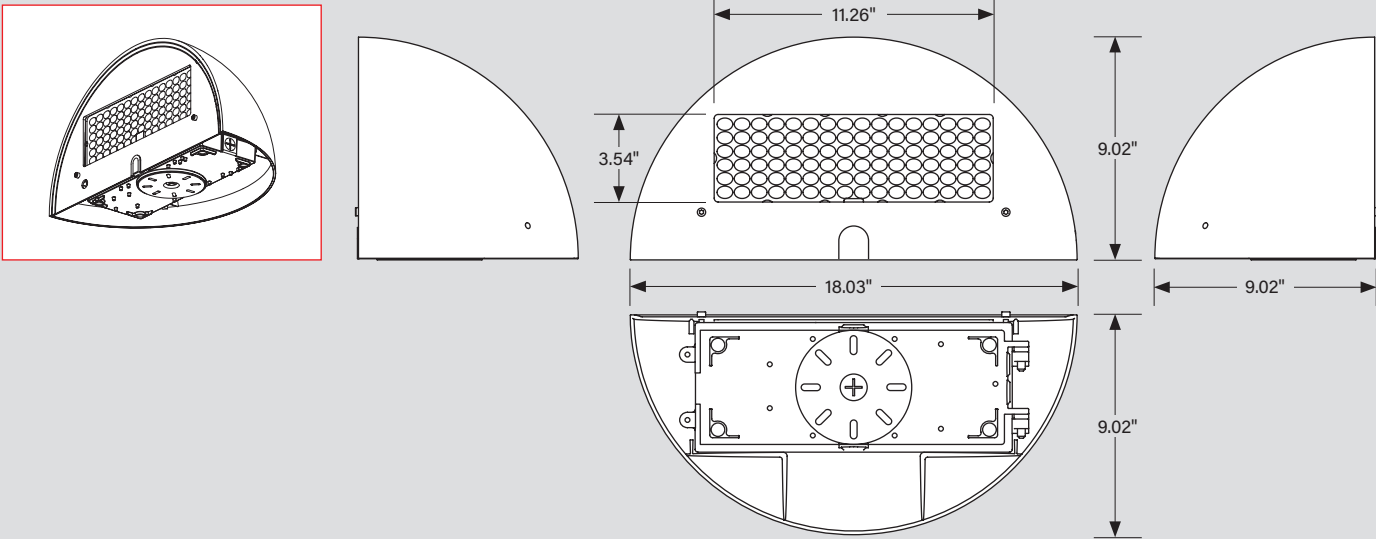
(Physical Specifications continue on next page)

PHYSICAL SPECIFICATIONS (continued)

HALF MOON SHELL



QUARTER SPHERE SHELL

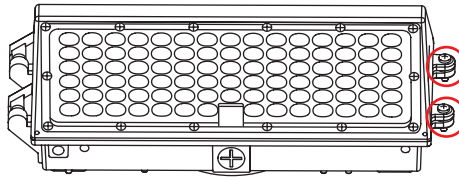


INSTALLATION INSTRUCTIONS

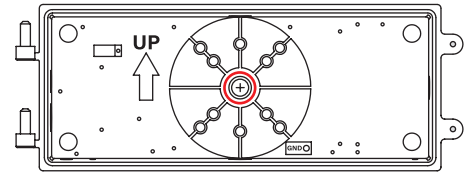
FULL CUTOFF WALL PACK

1. Shut off power at the source.

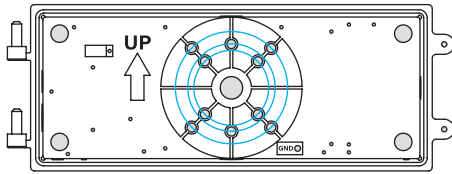
2. Remove the two (2) PM5*16mm housing lock screws on the side of the wall pack housing and open the fixture.



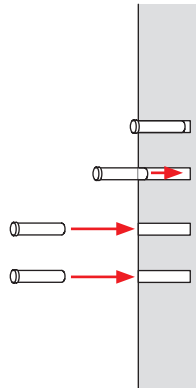
3. Using a screwdriver, remove the 1/2" threaded plug from the center of the junction box drilling template.



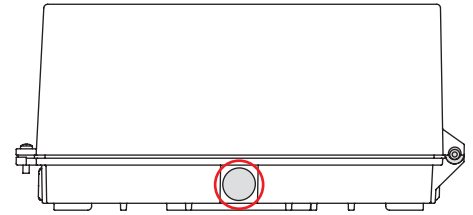
4. Using the junction box drilling template as a reference, drill out the appropriate holes that align with junction box accommodations on site (Note: drilling template matches most standard junction box varieties).



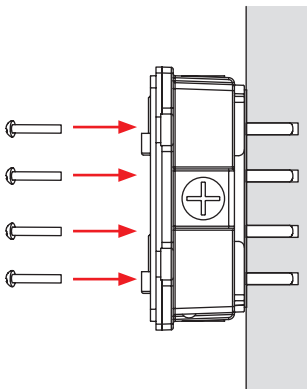
5. Tap the four (4) rubber fasteners (provided) into the holes drilled in step 4.



6. Thread input power wiring through the 1/2" KO hole on back side of housing

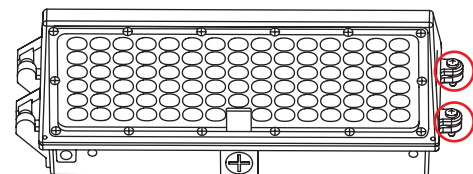


7. Secure wall pack to the building exterior / junction box with the four (4) PA5*40mm screws (included) using the holes drilled in step 4. Ensure that EVA foam on back side of fixture is compressed against the wall.



8. Complete wiring to input power wires (see **Wiring Diagram** on page 2).

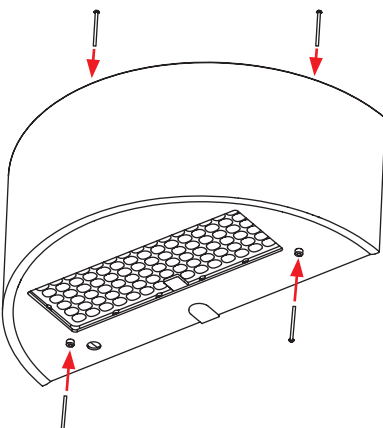
9. Close the door assembly and lock with the two (2) PM5*16mm housing lock screws removed in step 2.



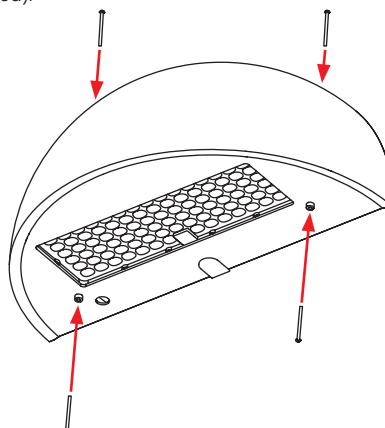
10. Confirm that fixture is securely mounted to building exterior.
Restore power to the fixture.

HALF MOON SHELL / QUARTER MOON SHELL

Place the half moon shell on the mounted wall pack and lock with the four (4) screws (included).



Place the quarter sphere shell on the mounted wall pack and lock with the four (4) screws (included).



CLEANING AND MAINTENANCE

- Do not clean or maintain the fixture when it is powered on.
- Ensure that the temperature of the light fixture is $\leq 40^{\circ}\text{C}$.
- Do not open the light fixture to clean the LED.
- Do not touch the LED.
Note: These instructions do not include all details or variations, and the equipment does not provide all possible installations, operations, or maintenance.
- The light fixture should be cleaned only when it is powered off.
- When cleaning the light fixture, wear cleaning gloves and use only a dry, dust-free cloth to gently wipe the light fixture. Do not use chemicals or corrosive solutions for cleaning.