

Tools Required:
3mm hex key
4mm hex key
5mm hex key
8mm hex key
Special tool (provided)

Protection Class: IP 65

Weight: 135 lbs.



Dimensions
A: 8-5/8"
B: 27-1/2"
C: 197"
D: 39-3/8"



Notice to Installer for 84 129:

- Luminaire is rated for direct burial installations.**
- Consult structural engineer and local codes for burial and foundation size and specs.
- Proper drainage below and around the buried portion of the luminaire **MUST** be provided. Failure to do so may void warranty.
- Wet location listing does not imply suitability for exposure to standing water for long periods of time.
- Fixture may be damaged if connected to conduit systems that contain water - Article 300-5G of the National Electric Code requires that "Conduits or raceways through which moisture may contact energized live parts shall be sealed or plugged at either or both ends."
- LEDs are high-quality electronic components! Please avoid touching the light output opening of the LED directly during installation.
- Floodlight segment and WiFi segment must be installed before installation of fixture head.
- Communication/network cable and power wires must be run in separate conduits to prevent interference.
- Connection to (4) built-in dual-band antenna are made via (4) type N-Male connectors inside of WiFi segment.
- See final page for specific product safety warnings.

84 129 pole installation:

- NOTE: AP/router (by others) must be connected into the WiFi segment before installation of head .**
NOTE: SIZE OF THE FOUNDATION REQUIRED TO SET THE UNIT IN CONCRETE MUST BE DETERMINED AT SITE BY STRUCTURAL ENGINEER.
- Fix ground plate to pole per (Figure 1).
- Pull supply wiring to a length where splices can be made through the lower access door. Communication/network cable must be pulled to upper WiFi access door.
- Route supply wiring through the mounting base and install pole (Figure 1, Figure 2) Use special tool provided to unlock the access door lock and remove access door.
- Route the luminaire wiring to the hand hold for connections.
- Continue to floodlight installation (Page 2).

Figure 1

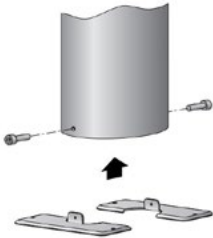
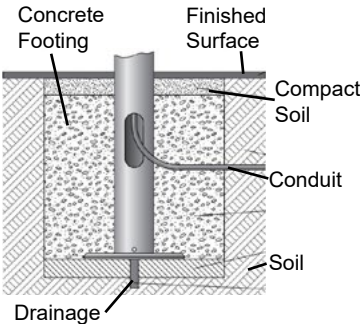


Figure 2



NOTE: Consult engineer and local codes for direct burial specification.

Relamping/Maintenance			Accessories		Replacement Parts	
Clean luminaire regularly with solvent-free cleansers from dirt and debris. Do not use high pressure cleaners.			Please refer to the appropriate accessory installation sheet for further instruction when applicable.		<u>Description</u>	<u>Part No</u>
Lamp:	47.7W LED (Luminaire)		Flat Beam Lens	10 016	LED Driver (120-277V)	(1X) 76132-02
	11.5W LED (Floodlight)		Wide Beam Spread Lens	10 047	LED Module (2700K)	(1X) LED-0501/827
					LED Module (3000K)	(1X) LED-0501/830
					LED Module (3500K)	(1X) LED-0501/835
					LED Module (4000K)	(1X) LED-0501/840
					<u>Floodlight</u>	
					LED Driver (120-277V)	(1X) 75983-01
					LED Module (2700K)	(1X) LED-0833/827
					LED Module (3000K)	(1X) LED-0833/830
					LED Module (3500K)	(1X) LED-0833/835
					LED Module (4000K)	(1X) LED-0833/840

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B: 27 1/2"
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D: 39 3/8"



84 129 floodlight segment installation:

- Loosen the (2) 4mm hex screws on the top of the floodlight segment and remove floodlight from retaining ring (Figure 1)
- Insert retaining ring as shown in (Figure 2) into pole opening by aligning the arrow on the retaining ring to the notch on pole.
- Following (Figure 3) twist to align retaining ring. The arrow on the retaining ring defines the direction of the floodlight.
- Slide floodlight segment back onto the tension ring (Figure 1) and lead wiring through center.
- Tighten the (2) 4mm hex screws until they are firmly in place.
- Make supply wiring and luminaire wiring connections inside the luminaire at the lower access door:
MAIN VOLTAGE SUPPLY WIRE TO BLACK LUMINAIRE WIRE
NEUTRAL (COMMON) SUPPLY WIRE TO WHITE LUMINAIRE WIRE
GREEN GROUND WIRE TO GREEN LUMINAIRE WIRE
Dimming (if applicable):
DIMMING CONTROL WIRE (+) TO POSITIVE DRIVER DIM CONTROL WIRE
DIMMING CONTROL WIRE (-) TO NEGATIVE DRIVER DIM CONTROL WIRE.
- Adjust the beam direction by loosening (2) hex screws located above and below floodlight lens, tighten when complete.

Figure 1

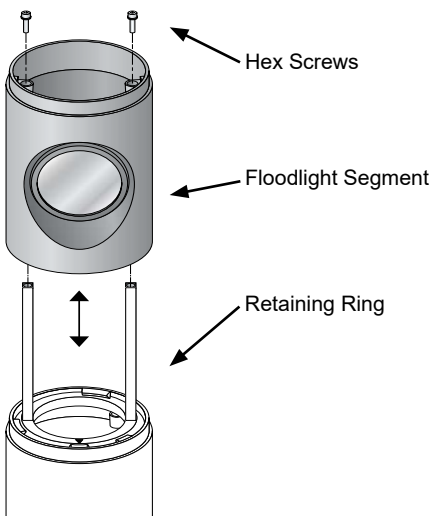


Figure 2

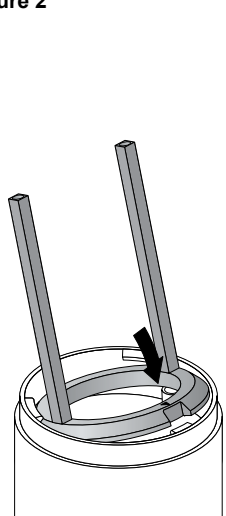
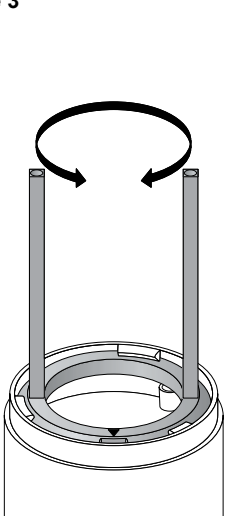


Figure 3



Relamping/Maintenance
Clean luminaire regularly with solvent-free cleansers from dirt and debris. Do not use high pressure cleaners.

Lamp: 47.7W LED (Luminaire)
11.5W LED (Floodlight)

Accessories
Please refer to the appropriate accessory installation sheet for further instruction when applicable.

Flat Beam Lens 10 016
Wide Beam Spread Lens 10 047

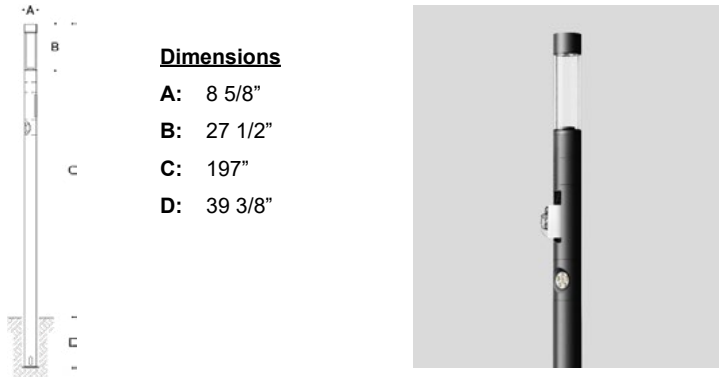
Replacement Parts	
<u>Description</u>	<u>Part No</u>
LED Driver (120-277V)	(1X) 76132-02
LED Module (2700K)	(1X) LED-0501/827
LED Module (3000K)	(1X) LED-0501/830
LED Module (3500K)	(1X) LED-0501/835
LED Module (4000K)	(1X) LED-0501/840
<u>Floodlight</u>	
LED Driver (120-277V)	(1X) 75983-01
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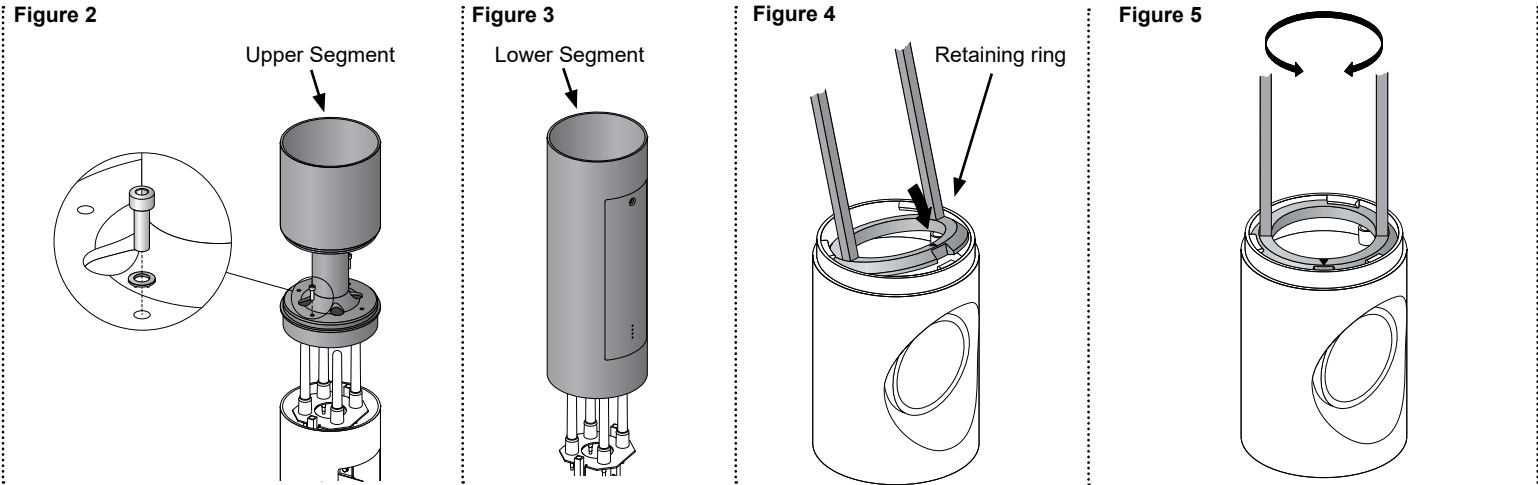
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5mm hex key
8mm hex key
Special tool (provided)

Protection Class: IP 65

Weight: 135 lbs.



- 84 129 WiFi segment installation:**
- Loosen the antenna cover plate screw by using a 3mm hex key to remove (4) screws (Figure 1).
 - Remove the WiFi access door shown in (Figure 1), by using the special tool provided.
 - Using a 4mm hex key, unscrew the (2) 8mm hex screws to separate upper (Figure 2) and lower segments shown in (Figure 3).
 - Insert retaining ring as shown in (Figure 4) into floodlight segment by aligning the arrow on the retaining ring to the notch on segment.
 - Place the lower segment back over the WiFi antenna and retaining ring (Figure 2), then twist the lower segment until the WiFi access door aligns with device bracket sliding direction.
 - Place the upper segment over the WiFi antenna and screw into place using a 4mm hex key (Figure 2).
 - Fasten the WiFi router/AP to the device bracket using screws (provided) or other suitable hardware.
 - Connect the WiFi antenna cables to the router/AP.
 - Refer to (Page 5) for an example router/AP installation.
 - See (Page 4) for fixture head installation.



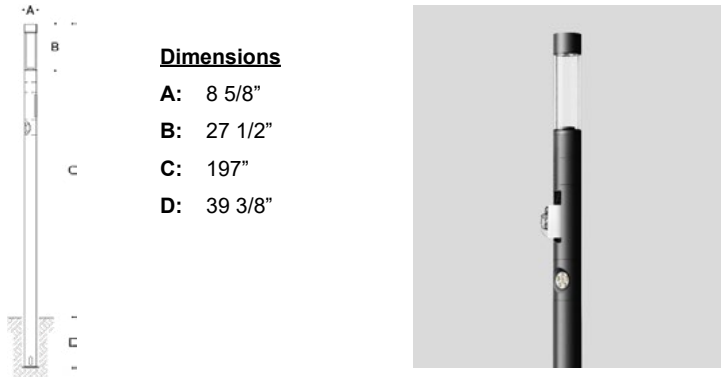
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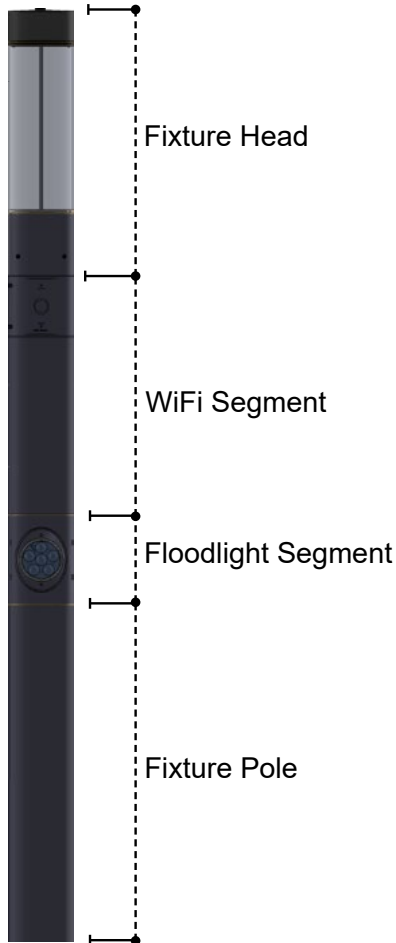
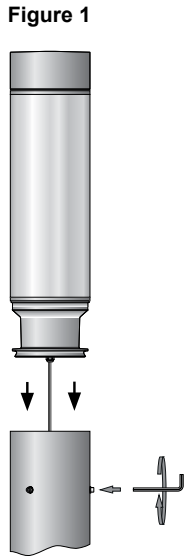
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8mm hex key
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Weight: 135 lbs.



- 84 129 fixture head installation:**
- Lead head wiring connections through pole then place and align fixture head on pole.
 - Secure head onto pole by tightening (4) M5 hex key.
 - Make supply wiring and luminaire wiring connections inside the luminaire at the lower access door:
MAIN VOLTAGE SUPPLY WIRE TO BLACK LUMINAIRE WIRE
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GREEN GROUND WIRE TO GREEN LUMINAIRE WIRE
Dimming (if applicable):
DIMMING CONTROL WIRE (+) TO POSITIVE DRIVER DIM CONTROL WIRE
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 - Once all segments are attached and connections have been made, attach and lock access door.



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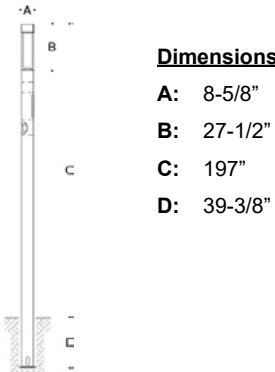
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WiFi LED light building element - symmetrical



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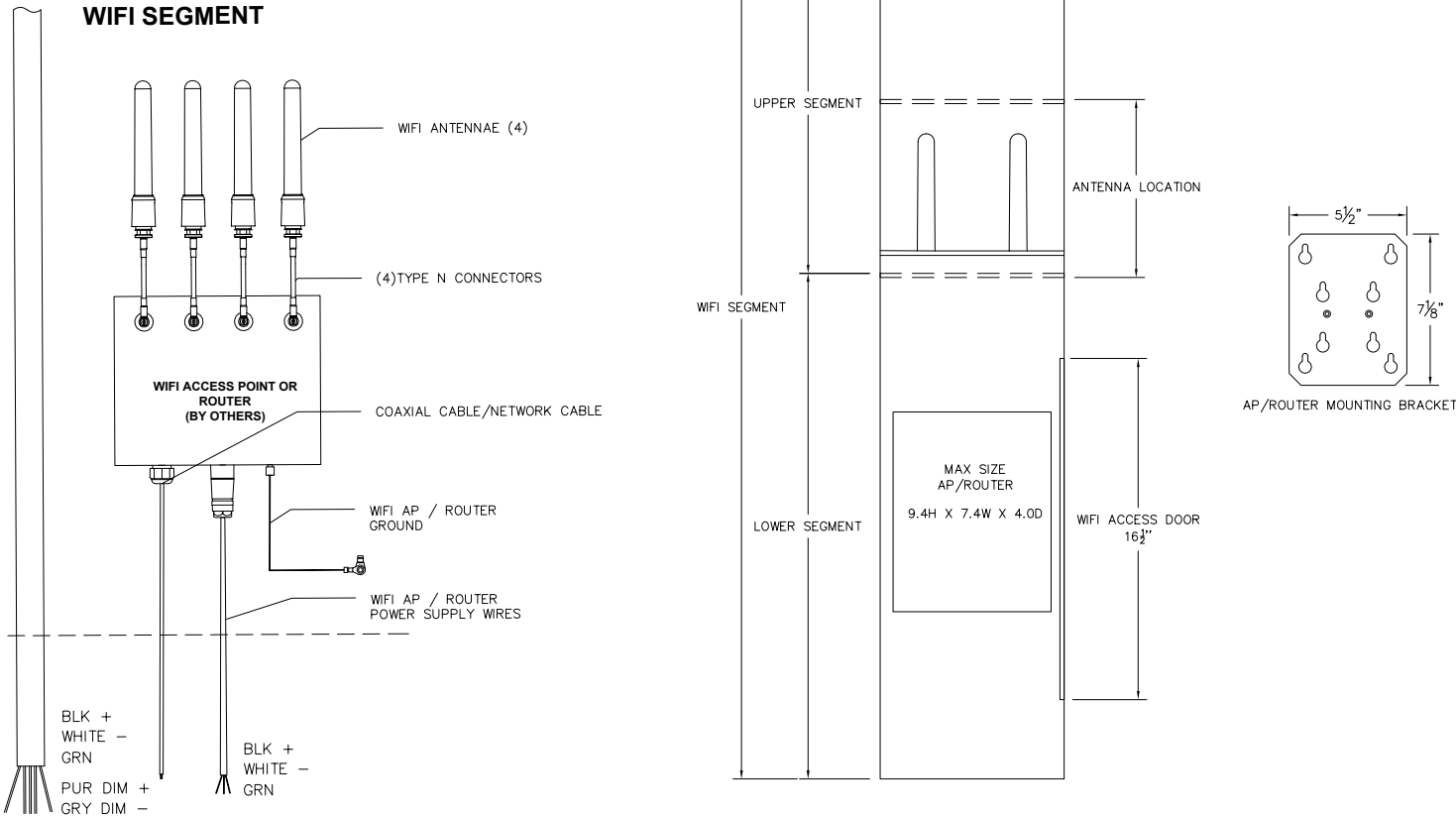


Product Safety Warnings:
CAUTION- RISK OF FIRE. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.
SUITABLE FOR WET LOCATIONS.
MIN 90°C SUPPLY CONDUCTORS.

ATTENTION- RISQUE D'INCENDIE. CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS.
CONVIENT AUX EMPLACEMENTS MOUILLÉS.
LES FILS D'ALIMENTATION 90°C MIN.

FIXTURE HEAD

WIFI SEGMENT



Relamping/Maintenance

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