

# INSTRUCTIONS

## HID Replacement Post Top Installation

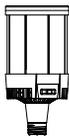


RAB Lighting is committed to creating high-quality, affordable, well-designed and energy-efficient LED lighting and controls that make it easy for electricians to install and end users to save energy. We'd love to hear your comments. Please call the Marketing Department at 888-RAB-1000 or email: [marketing@rablighting.com](mailto:marketing@rablighting.com)

**\*\* DON'T TOSS IT—RECYCLE IT! MAKE THE SUSTAINABLE CHOICE BY RECYCLING THIS FIXTURE AT END OF LIFE WITH A LICENSED RECYCLING PROVIDER. \*\***



HIDFA-205-E26-8CCT-BYP  
HIDFA-355-E26-8CCT-BYP  
HIDFA-455-E26-8CCT-BYP



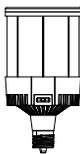
HIDFA-505-E26-8CCT-BYP



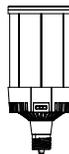
HIDFA-505-EX39-8CCT-BYP  
HIDFA-805-EX39-8CCT-BYP



HIDFA-1205-EX39-8CCT-BYP  
HIDFA-1205-EX39-8CCT-BYP/480V  
HIDFA-1505-EX39-8CCT-BYP  
HIDFA-1505-EX39-8CCT-BYP/480V



HIDFA-2005-EX39-8CCT-BYP  
HIDFA-2005-EX39-8CCT-BYP/480V



HIDFA-2705-EX39-8CCT-BYP  
HIDFA-2705-EX39-8CCT-BYP/480V  
HIDFA-3605-EX39-8CCT-BYP/480V  
HIDFA-4505-EX39-8CCT-BYP/480V

### IMPORTANT

#### READ CAREFULLY BEFORE INSTALLING LED HID BULBS. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

RAB LED HID Bulbs must be wired in accordance with the National Electrical Code and all applicable codes. Proper grounding is required for safety.

#### WARNINGS:

- Main applications include for use in high bay and other suitable light fixtures.
- Operating temperature:  $-40^{\circ}\text{C}$  to  $50^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$  to  $122^{\circ}\text{F}$ ).
- These LED Lamps require all ballasts, capacitors, and ignitors to be bypassed or removed. Do not operate lamps on existing ballasts.
- Do not use with standard dimmers.
- This device is not intended for use with emergency exits.
- Before installation make certain the AC power to the fixture is off.
- Risk of fire or electric shock. LED Retrofit lamp installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Risk of fire or electric shock. Install this kit only in luminaires that have the construction features and dimensions shown in the photographs or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire. THE RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION. PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH THE APPLICABLE AND APPROPRIATE ELECTRICAL CODES. THE INSTALLATION GUIDE DOES NOT SUPERSEDE LOCAL OR NATIONAL REGULATIONS FOR ELECTRICAL INSTALLATIONS.

This equipment has been tested and found to comply with the limits for a class A/class B (class B for lamps in 120-277V, Class A for lamps in 277-480V) digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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### WIRING DIAGRAMS

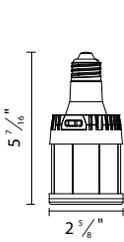
**STEP 1:** Turn OFF the power switch.

**STEP 2:** Unscrew the CFL or MHL or HPS, see wiring diagrams.

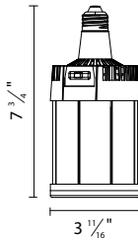
**NOTE:** For 120-277V applications with two hot leads, attached the second hot lead to terminal N (L1).



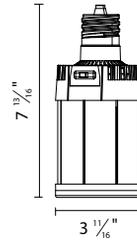
### DIMENSIONAL DRAWINGS



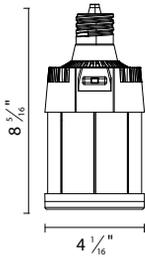
20/35/45W (E26)



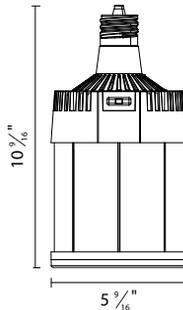
50/80W (E26)



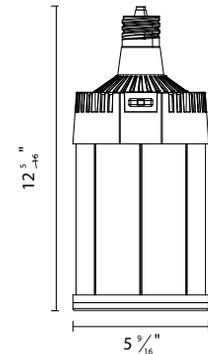
50/80W (EX39)



120/150W (EX39)



200W (EX39)



270/360/450W (EX39)

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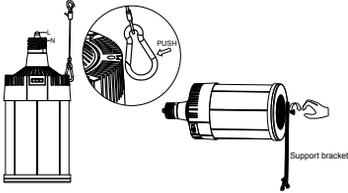
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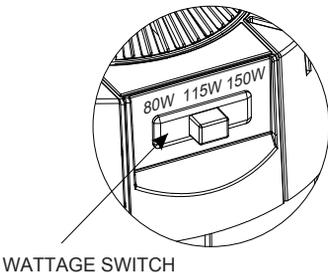
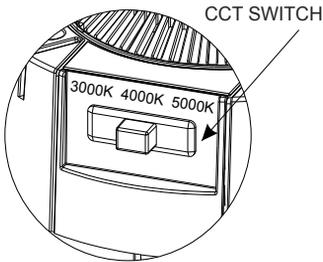
### BASICS



For 200–450W LED models, use the safety cable provided to secure the lamp to the fixture in case the old socket fails. Attach one end of the safety cable to the lamp and the other end to the luminaire.

If mounting the lamp horizontally, use the support bracket provided and attach it to the end of the lamp. This provides additional support to the lamp to prevent sagging and/or compromising the socket.

### SELECTABILITY: POWER AND CCT



Model Number	Power Selectable	CCT Selectable
HIDFA-20S-E26-8CCT-BYP	20W	3000K
	15W	4000K
	10W	5000K
HIDFA-35S-E26-8CCT-BYP	35W	3000K
	26W	4000K
	18W	5000K
HIDFA-45S-E26-8CCT-BYP	45W	3000K
	33W	4000K
	22W	5000K
HIDFA-50S-E26-8CCT-BYP HIDFA-50S-EX39-8CCT-BYP	50W	3000K
	38W	4000K
	25W	5000K
HIDFA-80S-EX39-8CCT-BYP	80W	3000K
	60W	4000K
	40W	5000K
HIDFA-120S-EX39-8CCT-BYP HIDFA-120S-EX39-8CCT-BYP/480V	120W	3000K
	90W	4000K
	60W	5000K
HIDFA-150S-EX39-8CCT-BYP HIDFA-150S-EX39-8CCT-BYP/480V	150W	3000K
	115W	4000K
	80W	5000K
HIDFA-200S-EX39-8CCT-BYP HIDFA-200S-EX39-8CCT-BYP/480V	200W	3000K
	150W	4000K
	100W	5000K
HIDFA-270S-EX39-8CCT-BYP HIDFA-270S-EX39-8CCT-BYP/480V	270W	3000K
	200W	4000K
	135W	5000K
HIDFA-360S-EX39-8CCT-BYP/480V	360W	3000K
	270W	4000K
	180W	5000K
HIDFA-450S-EX39-8CCT-BYP/480V	450W	3000K
	338W	4000K
	225W	5000K