

INSTRUCTIONS

FIELD-ADJUSTABLE POST TOP INSTALLATION

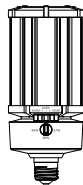


RAB Lighting is committed to creating high-quality, affordable, well-designed and energy-efficient LED lighting and controls that make it easy for electricians to install and end users to save energy. We'd love to hear your comments. Please call the Marketing Department at 888-RAB-1000 or email: marketing@rablighting.com

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



HIDFA-18S-E26
HIDFA-27S-E26



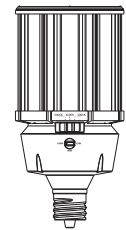
HIDFA-36S-E26
HIDFA-45S-E26
HIDFA-54S-E26



HIDFA-18S-EX39
HIDFA-27S-EX39



HIDFA-36S-EX39
HIDFA-45S-EX39
HIDFA-54S-EX39
HIDFA-63S-EX39



HIDFA-80S-EX39
HIDFA-100S-EX39
HIDFA-120S-EX39

IMPORTANT

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

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

WARNINGS:

- Do not use with dimmers.
- For use with HID luminaires.
- Suitable for closed type luminaires.
- Suitable for use with luminaires with * lamp compartment. "*" shall be replaced by the minimum of lamp compartment of the host luminaires. See Appendix for details.
- This device is not intended for use with emergency exits.
- 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.
- 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.
- Installers should examine all parts that are not intended to be replaced by the retrofit kit for damage and replace any damaged parts prior to installation of the retrofit kit.
- The installation instructions shall indicate the environmental locations the retrofit kit is suitable for Damp locations.
- Prior to installation, review all environmental designation locations in the retrofit kit installation instructions. Only install in damp locations if so indicated in the installation instructions.
- The E26 base product is rated for 120-277 V use. However, do not install this product directly on branch circuits over 120V in the United States. The US National Electrical Code does not permit connecting Medium lampholders directly to branch circuits greater than 120 volts.
- 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 B 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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LAMP INSTALLATION

1. Turn off the power before installation. Remove old ballast or disconnect from existing lampholder. Shown as Figure 1. Remove and dispose of ballast in correct manner. (North America 120-277VAC)
2. Reconnect directly to the existing lampholder. Shown as Figure (North America 120-277VAC)
3. Select power and 3. color temperature (CCT) of new LED replacement lamp before installation.
4. Install new LED replacement lamp. Shown as Figure 3. Please make sure the old fitting is correctly grounded. Attach retrofit label to luminaire. (North America 120-277VAC)

Securely fasten the ground wire to the main body structure. If the wire is damaged in any way please replace. (*Do not use existing burnt out wire*). If needed, the replacement ground wire must be 1.0mm in size and insulated from heat.

Wattage selection

Fig. 1

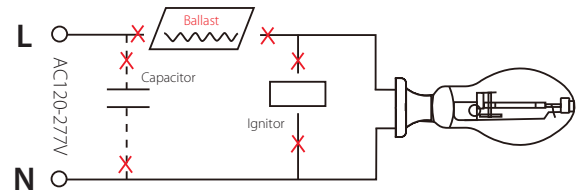


Fig. 2

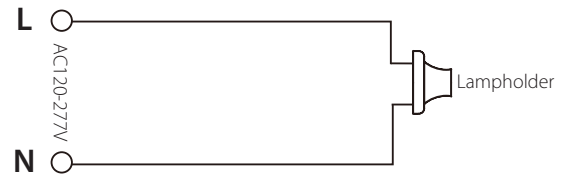
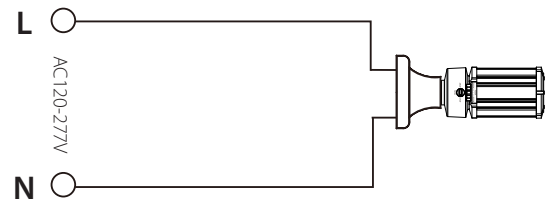
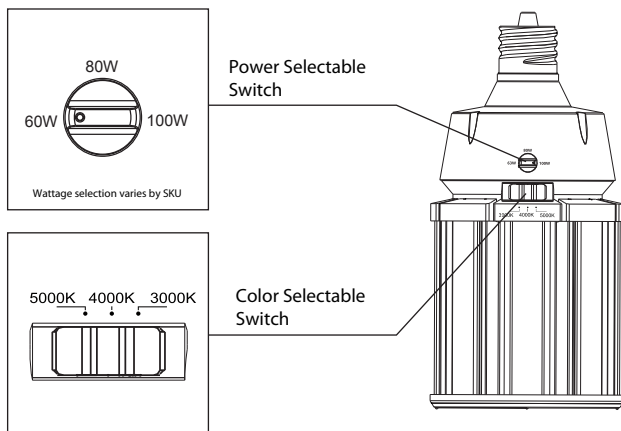


Fig. 3



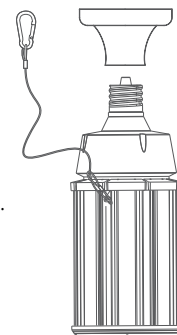
SELECTABILITY Power and CCT Selectable



SAFETY CABLE INSTALLATION INSTRUCTION

- ⚠ You must use the safety cable to secure the lamps equal to or over 80W in case of falling down due to old socket.

Attach the other end of the safety cable to the luminaire.



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Model Number	Power Selectable	CCT Selectable	Lumens	Min.lamp compartment dimension(inches)	Model Number	Power Selectable	CCT Selectable	Lumens	Min.lamp compartment dimension(inches)
HIDFA-18S-E26 HIDFA-18S-EX39	18W	3000K	2520	5.9*5.9*6.81	HIDFA-63S-EX39	63W	3000K	9135	7.87*7.87*10.03
		4000K	2700				4000K	9765	
		5000K	2610				5000K	9450	
	12W	3000K	1680			54W	3000K	7830	
		4000K	1800				4000K	8370	
		5000K	1740				5000K	8100	
	9W	3000K	1260			45W	3000K	6525	
		4000K	1350				4000K	6970	
		5000K	1305				5000K	6750	
HIDFA-27S-E26 HIDFA-27S-EX39	27W	3000K	3780	5.9*5.9*7.88	HIDFA-80S-EX39	80W	3000K	12000	9.84*9.84*10.4
		4000K	4050				4000K	12800	
		5000K	3915				5000K	12400	
	18W	3000K	2520			63W	3000K	9450	
		4000K	2700				4000K	10080	
		5000K	2610				5000K	9765	
	12W	3000K	1680			54W	3000K	8100	
		4000K	1800				4000K	8640	
		5000K	1740				5000K	8370	
HIDFA-36S-E26 HIDFA-36S-EX39	36W	3000K	5220	7.87*7.87*8.28	HIDFA-100S-EX39	100W	3000K	15000	9.84*9.84*10.99
		4000K	5580				4000K	16000	
		5000K	5400				5000K	15500	
	27W	3000K	3915			80W	3000K	12000	
		4000K	4185				4000K	12800	
		5000K	4050				5000K	12400	
	18W	3000K	2610			63W	3000K	9450	
		4000K	2790				4000K	10080	
		5000K	2700				5000K	9765	
HIDFA-45S-E26 HIDFA-45S-EX39	45W	3000K	6525	7.87*7.87*8.87	HIDFA-120S-EX39	120W	3000K	18000	9.84*9.84*11.78
		4000K	6970				4000K	19200	
		5000K	6750				5000K	18600	
	36W	3000K	5220			100W	3000K	15000	
		4000K	5580				4000K	16000	
		5000K	5400				5000K	15500	
	27W	3000K	3915			80W	3000K	12000	
		4000K	4185				4000K	12800	
		5000K	4050				5000K	12400	
HIDFA-54S-E26 HIDFA-54S-EX39	54W	3000K	7830	7.87*7.87*9.46					
		4000K	8370						
		5000K	8100						
	45W	3000K	6525						
		4000K	6970						
		5000K	6750						
	36W	3000K	5220						
		4000K	5580						
		5000K	5400						



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HIDFAPT-IN-0526
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Easy Answers

rablighting.com
Visit our website for product info

Tech Help Line
Call our experts: 888 722-1000

e-mail
Answered promptly - sales@rablighting.com

Free Lighting Layouts
Answered online or by request

RAB WARRANTY: RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.