

# ProLED® 8" and 10" LED Commercial Downlight High Performance Installation Instructions



## IMPORTANT

READ INSTRUCTIONS CAREFULLY BEFORE INSTALLING. KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE. PROLED LUMINAIRES MUST BE WIRED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES. PROPER GROUNDING IS REQUIRED FOR SAFETY. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A QUALIFIED ELECTRICIAN WHO IS FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

- WARNING** - Risk of fire or electric shock. ProLED Downlight Series installation requires knowledge of the luminaires' electrical systems. If not qualified, DO NOT attempt installation. Contact a qualified electrician.
- WARNING** - Risk of fire or electric shock. Install this kit only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings. Luminaires wiring, power supply, or other electrical parts may be damaged when drilling for installation of retrofit assembly hardware. Inspect wiring and components for damage. DO NOT make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- WARNING** - To prevent wiring damage or abrasion, DO NOT expose wiring to edges of sheet metal or other sharp objects.
- WARNING** - Risk of fire or electric shock. DO NOT alter, relocate, or remove wiring, lamp holders, power supply, or any other electrical component.
- WARNING** - Install this kit only in the luminaires that has the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.
- WARNING** - This device is not intended for use with emergency exits.
- WARNING** - Risk of fire or electric shock. The electrical rating of these products are 110-277 Vac, the installer must determine whether they have 100-120Vac at the luminaire before installation.

## DANGER - RISK OF SHOCK-DISCONNECT POWER BEFORE INSTALLATION

**CAUTION:** To avoid possible electrical shock, be sure that power supply is turned off at fuse box or circuit breaker before installing or servicing luminaire. For your safety, read and understand instructions completely before beginning installation.

## WARRANTY INFORMATION:

This product is warranted for 5 years from the date of purchase. If this product does not perform to the specifications supplied on this package, send an email or write to the address below for product return and replacement. This replacement is the sole remedy available. Liability for incidental or consequential damage is expressly excluded. Visit [www.halcolighting.com](http://www.halcolighting.com) for full warranty details and dimmer compatibility information.

**Please read arefully and save these instructions, as you may need them at a later date.**

| Product Code       | Input voltage (VAC) | Input current (Ampere2) | Input wattage(Watts) |
|--------------------|---------------------|-------------------------|----------------------|
| CDLH8AR30/8XX/LED  | 110-277V AC         | 0.25A                   | 30W                  |
| CDLH8AR40/8XX/LED  | 110-277V AC         | 0.33A                   | 40W                  |
| CDLH10AR30/8XX/LED | 110-277V AC         | 0.25A                   | 30W                  |
| CDLH10AR40/8XX/LED | 110-277V AC         | 0.33A                   | 40W                  |

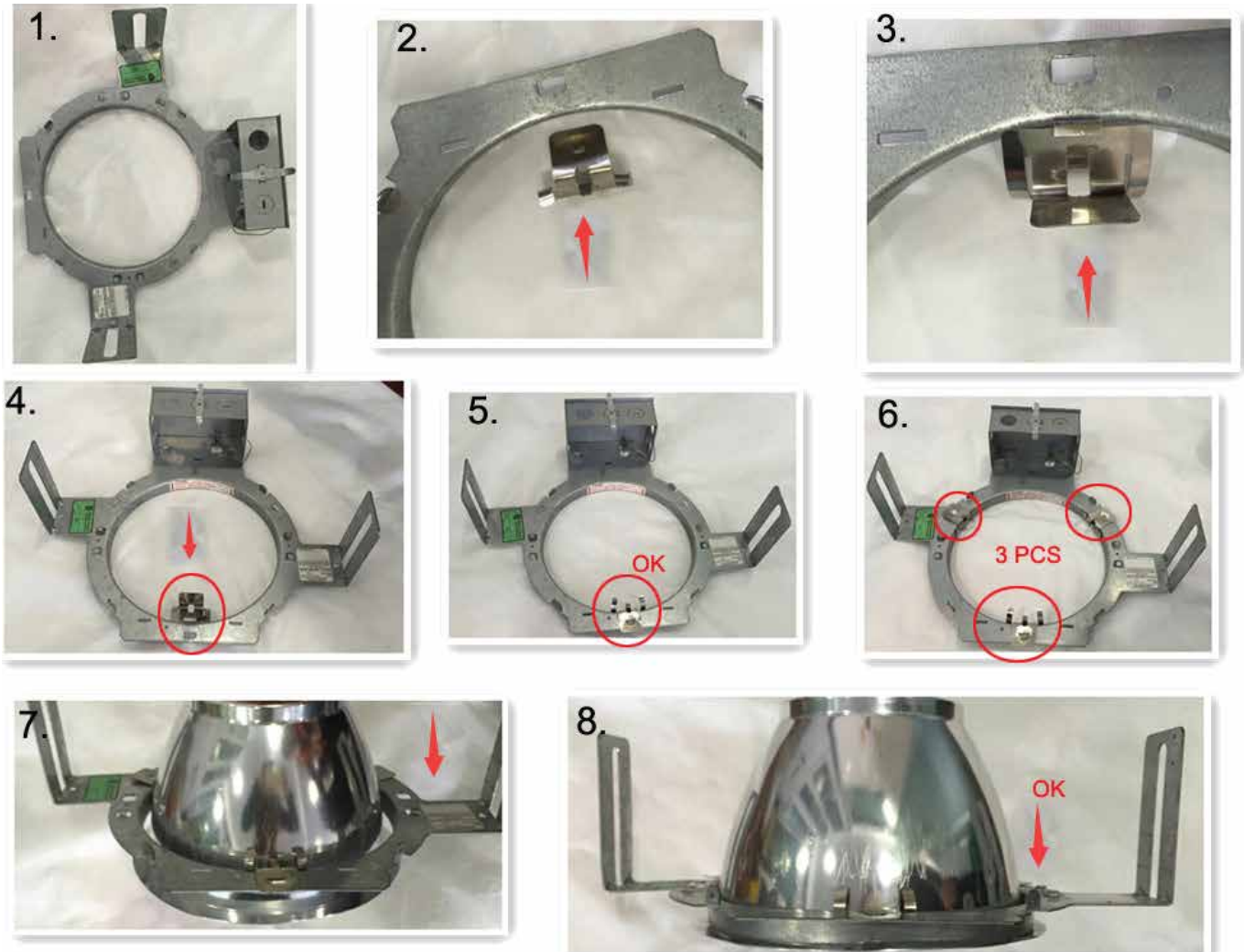
XX= Designates CCT (27=2700K, 30=3000K, 40=4000K, 50=5000K)

1. Suitable for use in open, non-ic recessed housings.(FIGURE 1)
2. Suitable for dry, damp locations.
3. 0-10V dimming (10-100%)
4. Only models designated with emergency drivers (EM), are intended for use with emergency exits.
5. To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
6. TURN OFF THE POWER AT CIRCUIT BREAKER PRIOR TO INSTALLATION.
7. Remove existing trim, and existing lamp(s).
8. When running the supply wires, allow for additional 18 inch of wire at each installation in order to make the electrical connections on the room side of the ceiling hole.
9. Attach trim mounting clips (FIGURES 2-6)
10. Insert Downlight Reflector until flush with ceiling. (FIGURES 2-8)

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## INSTALLATION INSTRUCTIONS:



## Emergency Option Wiring Diagram

