



WTR SERIES

1. General Safety Information:

CAUTION:

Before installing, make sure you are compliant with area classifications, failure to do so may result in bodily injury, death and property damage. Do not attempt installation until you are familiar with the following procedures. All installation must comply with the applicable Electrical Code. Make sure that the circuit is De-energized before starting installation or maintenance. Verify that the installation is grounded. Failure to ground will create electrical shock hazards, which can cause serious injury and or death.

WARNING – Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of 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 shown in the photographs and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.

WARNING – To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

IMPORTANT:

Please read these instructions carefully before installing or maintaining this equipment. Good electrical practices should be followed at all times and this data should be used as a guide only.

Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

This LED retrofit kit that reuses existing components, such as the lampholder and gasket. The kit installer shall 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. Technical information, advice and recommendations contained in these documents is based upon information that Killark believes to be reliable. All the information and advice contained in these documents is intended for use only by persons having been trained and possessing the requisite skill and know-how and to be used by such persons only at their own discretion and risk. The nature of these instructions is informative only and does not cover all of the details, variations or combinations in which this equipment may be used, its storage, delivery, installation, check out, safe operation and maintenance.

Vapor tight retrofits are retrofit kits that can be installed in the below existing mounts to change the fixture from incandescent to LED.

Mount	Rating With Mount Retrofitted by WTR (Mount also must be rated as shown below for retrofit to retain below listing)
Killark V Series 100W—WTR-1 200W — WTR-2	NEMA 3. NEMA 4 when mount is rated NEMA 4
Appleton V-51 100W — WTR-1	Enclosure 3R
Cooper Crouse Hinds V Series 100W —WTR-1	Ordinary location UL1598 Wet Locations NEMA 3, 3r
Thomas & Betts Red-Dot V Series 100W —WTR-1	Ordinary location UL1598 Wet Locations



Housing

Figure 1

2. Installation Instructions:

- A. No Tools Needed
- B. List of Components
 - 1. WTR-1 or WTR-2 Luminaire
 - 2. Screwshell adapter
 - 3. Wire connectors
- C. Remove the old globe, guard and incandescent bulb and dispose/recycle in accordance with local requirements. See Figure 1.
- D. 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.
- E. Thread in the screwshell adapter into the fixture's lamp socket. See Figure 2.
- F. Using the same threads inside the housing that held the globe in place, thread the luminaire into the housing.
- G. Activate supplying circuit to assembled luminaire to check for its operation.
- H. Place supplied label on the existing housing. "This luminaire has been modified to operate LED lamps. Do not attempt to install or operate incandescent lamps in this luminaire." See Fig. 4.



Figure 2

Lamp Socket



Screwshell Adapter

Wire Connector

Figure 3

Luminaire (WTR-2 Shown)



Label

Figure 4

UL1598C
 120VAC 60HZ
 WTR-1 9W
 WTR-2 17W