



VTR SERIES

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 National 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 luminaire fittings specified below and shown in photographs where the input voltage of the retrofit kit does not exceed the input voltage of the luminaire.

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

IMPORTANT:

- Make all electrical connection according to national and local codes.
- Installers should not disconnect existing wires from lampholder terminals to make new connections at lampholder terminals. Instead installers should use the provided screwshell adapter to make the applicable connections.

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.

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 clean and/or 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 the details, variations or combinations in which this equipment may be used, its storage, delivery, installation, check out, safe operation and maintenance.

Since conditions of use of the product are outside of the care, custody and control of Killark, the purchaser should determine the suitability of the product for his intended use, and assumes all risk and liability whatsoever in connection therewith

RETROFIT KITS CAT. NOS. VTR-1 & VTR-2

The retrofits kits can be installed in the below existing luminaire fittings to change the luminaire from incandescent to LED.

Existing Housing	
<u>Killark V Series 100/150W Luminaire Fittings for Retrofit with VTR-1:</u>	
Luminaire body: VXFC-100-N34	
Splice boxes: VGA-1, VGC-1, VGH-1, VGX-1, VXA-1, VD4, VB-1, VBC-1	
Bracket Mount Adapter: VFL	
<u>Killark V Series 200W Luminaire Fittings for Retrofit with VTR-2:</u>	
Luminaire body: VXFC-200-N34	
Splice boxes: VGA-1, VGC-1, VGH-1, VGX-1, VXA-1, VD4, VB-1, VBC-1	
Bracket Mount Adapter: VFL	
<u>Appleton V-51 Luminaire Fittings for Retrofit with VTR-1:</u>	
Adapter Socket: VAD-1M	
Pendant Mount Hood: VA50, VA75, VA100, VA125	
Ceiling Mount Hood: V50, V75, VC50, VC75, VT50, VT75, VX50, VX75, VXHA50, VXHA75, VXHA100	
Wall Mount Hood: VGA50, VGA75, VD50, VD75, VGAT50, VGAT75	
Wall Mount Outlet Box Hood: OVBW1, GSW2, JBW1	
Ceiling Mount Outlet Box Hood: OBV1, GS2, JB1	



KILLARK®

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INSTALLATION, OPERATION & MAINTENANCE DATA SHEET

Retrofit Kit for Converting Incandescent Vapor Tight Fixtures to LED

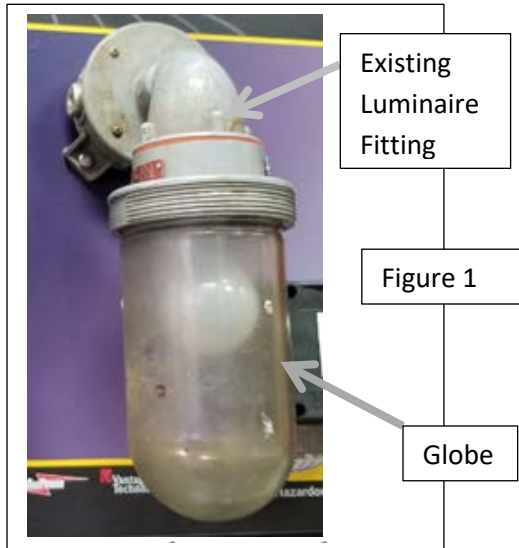


Figure 1

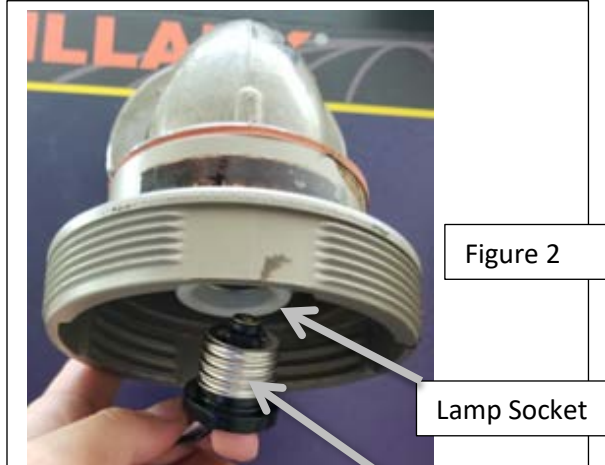


Figure 2

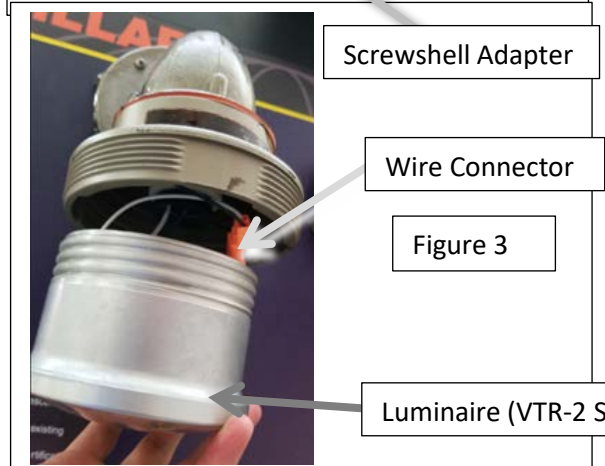


Figure 3

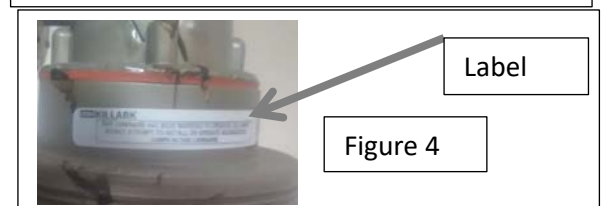


Figure 4

Input Rating

Voltage: 120 VAC 60 Hz. VTR-1 9W. VTR-2 17W

Installation Instructions for Retrofitting All Existing Housings:

A. No Tools Needed

B. List of Components in the kit.

1. VTR-1 or VTR-2 LED Luminaire with wire connectors and screwshell adapter
2. Instructions
3. Label for modified luminaire

I. Disconnect electrical power to the luminaire at the supply source.

CAUTION-Risk of burn, allow luminaire and lamp to cool before proceeding.

II. Remove the old globe, guard, reflector and incandescent bulb and dispose/recycle in accordance with local requirements. See Figure 1.

III. Examine all parts of the original luminaire housing, gasket and lampholder for damage. Contact the original luminaire manufacturer to obtain replacement parts prior to installation of the retrofit kit.

IV. Thread in the screwshell adapter into the fixture's lamp socket. See Figure 2.

V. Using the threads inside the existing housing, thread the retrofit kit LED housing into the existing housing until it seats fully on the gasket.

VI. Activate supplying circuit to assembled luminaire to check for its operation.

VII. 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.

