

LED LUMINAIRE RETROFIT KIT



Model LED-080RET-2K4

Efficient, effective and safe illumination specifically designed for W. F. Harris Lighting luminaires. When housed in a watertight housing manufactured by W. F. Harris Lighting, the Model 80 Retrofit Kit LED-080RET-2K4 can be used in wet location applications. The LEDs carry a five-year warranty when the luminaire in which they are housed is mounted correctly so that water cannot penetrate the cavity. High quality LEDs and Driver further enhance reliability and durability while reducing power consumption.

Retrofitting an existing Model 80 luminaire is an easy installation. Simply remove the Lens and Base Plate. Replace the existing Base Plate with the rust resistant Base Plate upon which is mounted the LED array. Then re-attach the Lens. Retrofitting an existing Model 80 luminaire will require obtaining a W. F. Harris Lighting Model 80 Housing, unless one is already attached.

Ideally suited in applications for building interiors and exteriors, walkways, ceilings and walls in grocery stores, hospitals, schools, universities, military installations and government installations, and other areas needing highly vandal resistant and reliable illumination.

LEDs contain no mercury and emit no ultraviolet light.

LEDs will not break, unlike conventional lamps, if luminaire is dropped.

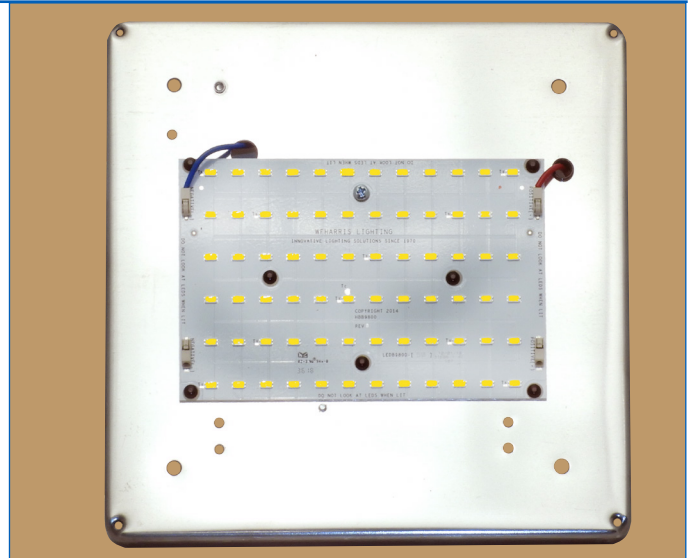
Specifications

Base Plate: Rust resistant .063" 5052 H-32 tempered marine-grade aluminum.

LEDs: High Quality Lighting Grade LEDs
Standard Color Temperature: 5000K (Also available at special request from 2700K to 5000K.)

Net Lumens = 2424

Must be used with W. F. Harris Lighting Housing. Warranted for five (5) years when the luminaire in which they are housed is mounted correctly so that water cannot penetrate the cavity.



LED Life: Lumen Maintenance (TM-21-11 70% Projection)
410,000 Hrs (25°C /77°F) = 47 years of 24/7 LED life
148,000 Hrs (50°C/122°F) = 17 years of 24/7 LED life
Calculations Based on US Department of Energy Standards. DOE TM-21-11, 70%.

Driver: High Quality Driver
Class 2 Power Supply.
AC Input 120-277V, 50/60Hz.
Power = 20 W at 500 mA Efficacy = 121.2 Lm/W



Complies with FCC rules and regulations, as per Title 47 CFR Part 15 Non-Consumer (Class A) for EMI/RFI (conducted and radiated) at full load.

Warranted for five (5) years.



SBA QUALIFIED SMALL BUSINESS MANUFACTURER

ETL-US and ETL-C Listed for Wet Location Applications (UL1598 for Non-Emergency Operation)

CSA Canadian Standards Certified

Luminaire Type _____
Catalog Number _____
Product Code _____
Job Name _____
Approval _____

W.F. Harris Lighting, Inc.™

Innovative Lighting Designs Since 1970

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Form 2578-11AI

"A Live Operator Company Standing Ready to Serve Your Lighting Needs."

LED LUMINAIRE RETROFIT KIT

Ordering Information

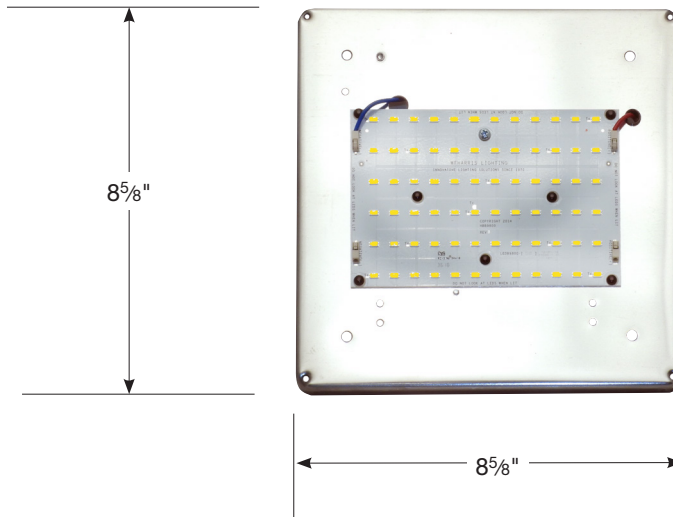
Fill In Blocks For Complete Catalog Number

LED-080RET-2K4

Model

LED-080RET-2K4 - Retrofit 2K4 LEDs, Pan and Driver Assembly

Dimensions



Weight

LED-080RET-2K4 = 1.0 lbs.

LEDs and the W. F. Harris Lighting Advantage

The lighting grade LEDs used by W. F. Harris Lighting provide the long sought-after stability demanded for commercial illumination in brightness, efficacy, life time, and color temperatures. Can be used in commercial/industrial illumination applications, hospitals, schools, universities, government buildings, military installations and freezer applications.

W. F. Harris Lighting LED-based luminaires reduce ownership costs through five factors —

- (1) Maintenance avoidance – LEDs last much longer than traditional lamps plus the luminaire is rust resistant and vandal resistant.
- (2) Reduced energy cost of the LEDs.
- (3) Reduced cost in operation of freezer compressors due to lower wattage and less heat.
- (4) LEDs will not break, unlike conventional lamps, if luminaire is dropped.
- (5) LEDs contain no mercury and emit no ultraviolet light.

These lighting grade LEDs offer efficient illumination that - depending on the application - can last up to 410,000 hours or 148,000 hours before their light output falls below 70% of original illumination and even longer in refrigerated environments.



SBA QUALIFIED
SMALL BUSINESS MANUFACTURER

TAA COMPLIANT
TRADE AGREEMENT ACT COMPLIANT

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Specifications Subject to Change Without Notice.

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“W. F. Harris Lighting Will Not Sacrifice Quality for the Sake of Price.”