

# LED LUMINAIRE RETROFIT



## Model LED-080RET-2K4

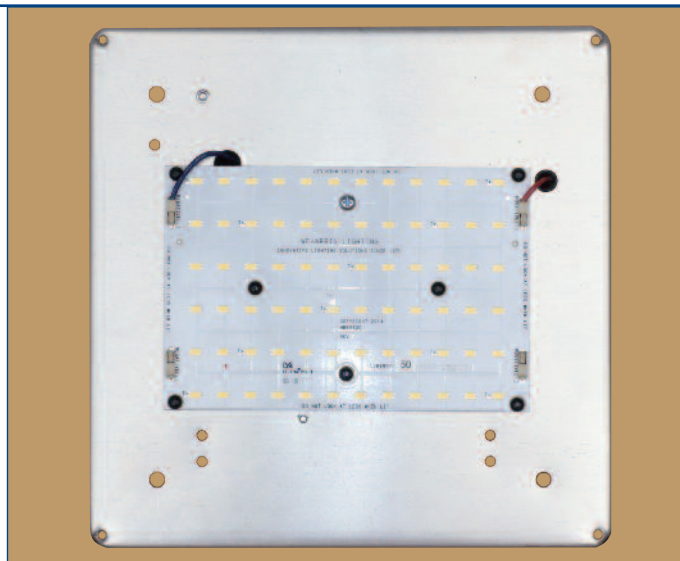
Efficient, effective and safe illumination. When housed in a watertight housing manufactured by W. F. Harris Lighting, the Model 80 Retrofit LED-080RET-2K4 can be used in wet location applications. Carries a ten-year warranty when the luminaire in which it is housed is mounted correctly so that water 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 rustproof 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.**



**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 Worksheet. 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 by Driver manufacturer.**

## Specifications

**Base Plate:** Rustproof .063" 5052 H-32 tempered marine-grade aluminum.

**LEDs:** High Quality Lighting Grade LEDs  
5,000K Color Temperature.

**Net Lumens = 2424**

**Must be used with W. F. Harris Lighting Housing.**  
**Warranted for ten (10) years when the luminaire in which they are housed is mounted correctly so that water cannot penetrate the cavity.**



**TAA COMPLIANT**  
TRADE AGREEMENT ACT COMPLIANT

**SBA QUALIFIED**  
**SMALL BUSINESS MANUFACTURER**

ETL-US and ETL-C Listed for Wet Location Applications (UL1598 for Non-Emergency Operation)  
CSA Canadian Standards Certified  
LM-79 and LM-80 Test Data Available

All polycarbonate components meet Underwriters Laboratories 746C tests for polymeric material and carry a flammability rating of 94HB or better on lenses and the superior 94-5V rating on housings.

Luminaire Type \_\_\_\_\_  
Catalog Number \_\_\_\_\_  
Product Code \_\_\_\_\_  
Job Name \_\_\_\_\_  
Approval \_\_\_\_\_

**W.F. Harris Lighting, Inc.**

**Innovative Lighting Designs Since 1970**

P.O. Box 5023, Monroe, NC 28111-5023, USA  
704.283.7477 (HEADQUARTERS) • 800.842.9345 (TOLL FREE)

e-mail: customerservice@wfharris.com

www.wfharrislighting.com

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

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## Ordering Information

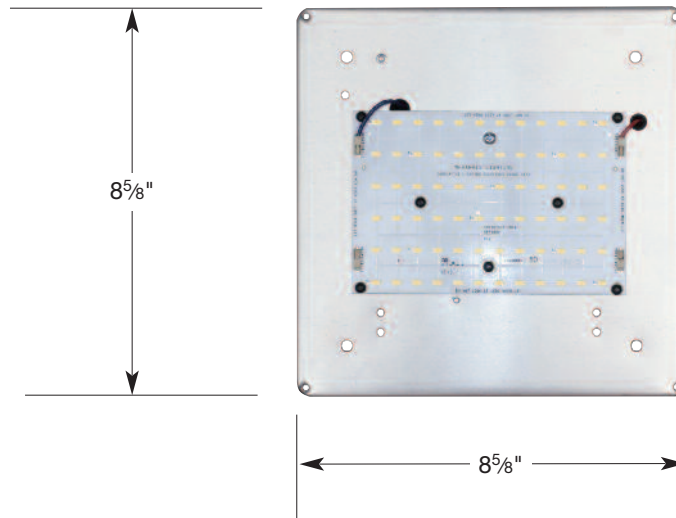
Fill In Blocks For Complete Catalog Number

LED-080RET-2K4

### Model

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

## Dimensions



## 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 four factors –

- (1) Maintenance avoidance – LEDs last much longer than traditional lamps plus the luminaire is non-rusting 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.



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e-mail: [customerservice@wfarris.com](mailto:customerservice@wfarris.com)

[www.wfharrislighting.com](http://www.wfharrislighting.com)

Specifications Subject to Change Without Notice.

Printed in USA

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*"W. F. Harris Lighting Will Not Sacrifice Quality for the Sake of Price."*