

# LED LUMINAIRE RETROFIT KIT

## Model LED-1200RET-4K Model LED-1200RET-5K



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 1200 Retrofit Kits LED-1200RET-4K and the LED-1200RET-5K 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 1200 luminaire is an easy installation. A licensed electrician simply removes the Lens and Base Plate, replaces the existing Base Plate with the rust resistant Base Plate upon which is mounted the LED array and Driver, then re-attaches the Lens. Retrofitting an existing Model 1200 luminaire will require obtaining a W. F. Harris Lighting Model 1200 Housing, unless one is already attached.

These luminaires are ideal for normal and challenging locations requiring rugged, corrosion-resistant, brilliant and dependable lighting sources such as in coastal areas, municipalities, schools and universities, military and office buildings, hotels and motels, apartments and condominiums, government installations, and other areas needing highly vandal resistant and reliable illumination.

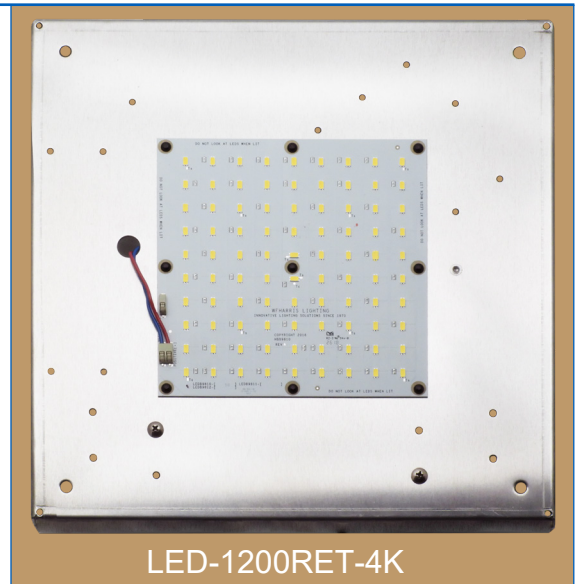
**LEDs contain no mercury and emit no ultraviolet light.  
LEDs will not break like all other lamps if the luminaire is dropped.**

### Specifications

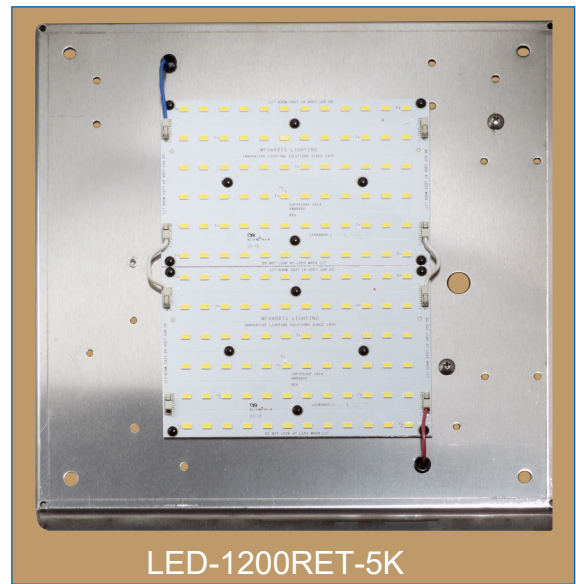
<b>Base Plate:</b>	<b>Rust resistant .080" 5052 H-32 tempered marine-grade aluminum.</b>
<b>LEDs:</b>	<b>High Quality Lighting Grade LEDs Standard Color Temperature: 5000K.</b> (Also available at special request from 2700K to 5000K.) LED-1200RET-4K Lumens: 4,000 LED-1200RET-5K Lumens: 5,000 <b>Must be used with W. F. Harris Lighting Lens and Housing. Warranted for five (5) years when the luminaire in which they are housed is mounted correctly so that water cannot penetrate the cavity.</b>
<b>LED Life:</b>	Lumen Maintenance (TM-21-11 70% Projection) LED-1200RET-4K <b>96,000 Hrs (25°C/77°F) = 11 years of 24/7 LED life</b> LED-1200RET-5K <b>305,000 Hrs (25°C/77°F) = 35 years of 24/7 LED life</b> Calculations Based on US Department of Energy Standards. DOE TM-21-11, 70%.
<b>Driver:</b>	<b>High Quality Driver</b> Class 2 Power Supply. AC Input: 120-277V LED-4K <b>Power = 44 W at 1050 mA Efficacy = 100 Lm/W</b> LED-5K <b>Power = 45 W at 1050 mA Efficacy = 125 Lm/W</b>



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.**



LED-1200RET-4K



LED-1200RET-5K



**SBA QUALIFIED  
SMALL BUSINESS MANUFACTURER**

**TAA COMPLIANT**  
TRADE AGREEMENT ACT COMPLIANT

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

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

## W.F. Harris Lighting, Inc.™

**Innovative Lighting Designs Since 1970**

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Form 2565-11AI

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

# LED LUMINAIRE RETROFIT

## Ordering Information

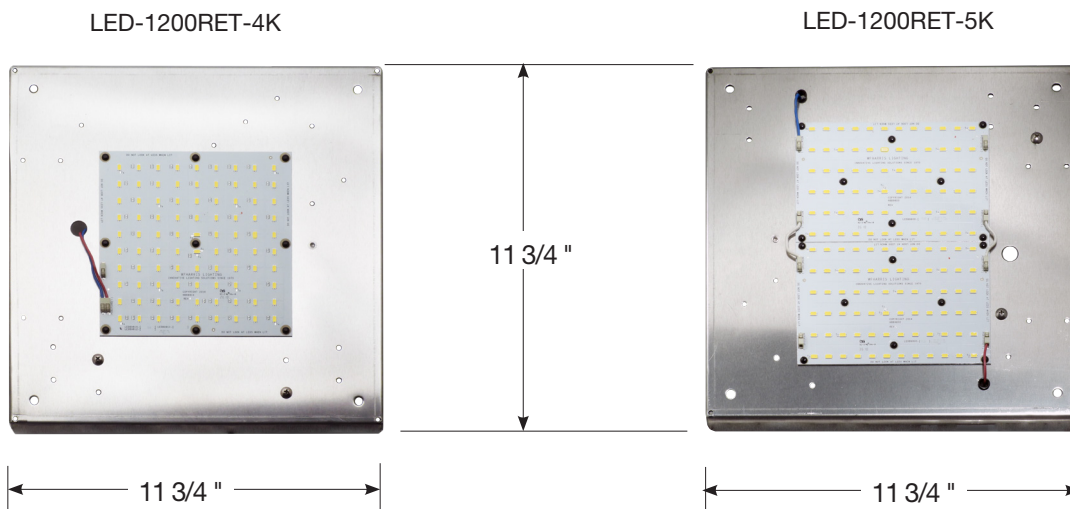
Fill In Block For Complete Model Number

Model

**LED-1200RET-4K** Retrofit 4K LEDs, Pan and Driver Assembly

**LED-1200RET-5K** Retrofit 5K LEDs, Pan and Driver Assembly

## Dimensions



## Weight

**LED-1200RET-4K = 2.5 lbs.**

**LED-1200RET-5K = 2.5 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 four 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 do not break when dropped like ordinary lamps.

These lighting grade LEDs offer efficient illumination that - depending on the application and model - can last up to 305,000 hours or 96,000 hours before their light output falls below 70% of original illumination and even longer in refrigerated environments.



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Specifications Subject to Change Without Notice.

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Printed in USA

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