

# ENERGY EFFICIENT LED LUMINAIRE

## Model 80-LED-2K4

Rust Resistant  
Vandal Resistant  
Nonconductive



Energy saving, energy efficient indoor/outdoor wall/ceiling area illumination where style is as important as endurance, dependability and reduced operating costs. **Engineered with materials offering high resistance to rust, corrosion and impact.** The polycarbonate housing is nonconductive, assuring more safety to the end user. Smooth exterior polycarbonate lens allows ease of cleaning, clear prismatic interior assures high lumen output, rounded corners provide increased impact strength and user safety. Ideally suited in applications for building interiors and exteriors, walkways, ceilings and walls in grocery stores, hospitals, schools, universities, military installations and government establishments. Luminaire utilizes high quality LEDs and Driver to further enhance reliability and durability while reducing power consumption.

**LEDs contain no mercury and emit no ultraviolet light.**

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

### Specifications

**Lens:** Injection molded FROSTED CLEAR (Std.) lens of UV-stabilized polycarbonate. Average thickness is .125". Frosted Clear lens interior provides optimal light output and diffusion; smooth exterior surface allows ease of cleaning; rounded corners increase impact strength and user safety. Other lens colors available. (See back)

**Base Plate:** Rust resistant 0.063" 5052 H-32 tempered marine-grade aluminum.

**Housing:** Injection molded of UV-stabilized reinforced white or bronze polycarbonate. Rear knockout for supply wire. Available with up to four threaded connections and plugs suitable for .50" conduit (specify conduit connections).

**Gasket:** Lens gasket and mounting gasket are closed-cell neoprene rubber.

**LEDs:** High Quality Lighting Grade LEDs  
5,000K Color Temperature.  
**Net Lumens = 2424**  
**Warranted for five (5) years.**

**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%.

ETL-US and ETL-C Listed for Wet Location Applications

(UL1598 for Non-Emergency Operation)

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 \_\_\_\_\_



Wall or Ceiling Mount

**Driver:** High Quality Driver  
Class 2 Power Supply.  
AC Input 120-277V, 50/60Hz.  
**Power = 21.5 W Efficacy = 112.7 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.**

**Hardware:** Four stainless steel 8-32x3/8 phillips truss head screws or tamperproof screws attach lens to base plate. Four zinc-plated steel 1/4-15x3/4 phillips pan head screws attach base plate to housing.



SBA QUALIFIED  
SMALL BUSINESS MANUFACTURER

TAA COMPLIANT  
TRADE AGREEMENT ACT COMPLIANT

## WFHarris 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)  
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www.wfharrislighting.com

Form 2541-2BJ

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

# ENERGY EFFICIENT LED LUMINAIRE

## Ordering Information

Fill In Blocks For Complete Catalog Number

80-LED-2K4

**Model**

**Lens Color**

FC - Std.  
OW - Opal White  
CP - Clear Prismatic

**Housing Color**

HW - White Housing  
HB - Bronze Housing

**Options**

CRS - Conduit Connection Right Side <sup>1,2</sup>  
CLS - Conduit Connection Left Side <sup>1,2</sup>  
CT - Conduit Connection Top <sup>1,2</sup>  
CB - Conduit Connection Bottom <sup>1,2</sup>  
C4 - Conduit Connections All 4 Sides <sup>1,2</sup>  
TPS - Tamperproof Screws (4) <sup>2</sup>

## Accessories

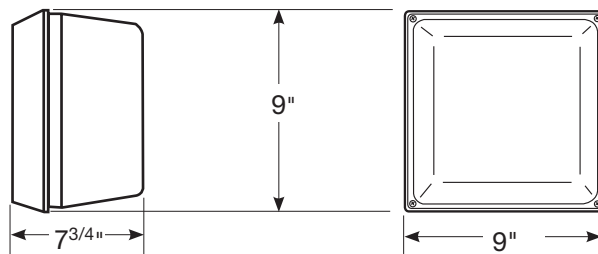
(Order Separately)  
TPT-Tamperproof  
Screwdriver



<sup>1</sup> Positions based on facing luminaire.

<sup>2</sup> Additional Charge.

## Dimensions



## Weight

80-LED-2K4 = 3.7 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 before their light output falls below 70% of original illumination and even longer in refrigerated environments.



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**LENS AND HOUSING CARRY A LIFETIME  
GUARANTEE AGAINST BREAKAGE.**

Specifications Subject to Change Without Notice.

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