ENERGY EFFICIENT LED LUMINAIRE

Model 80-LED-2K4 *Rustproof Vandal Resistant*

Intertek

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 non-conductive, 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 ultraiolet light.

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

Specifications

Lens:	Injection molded frosted clear 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.
Base Plate:	**Rustproof** .080" 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 Power = 21.5 W Efficacy = 113 Lm/W** **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 Worksheet**
Driver:	**High Quality Driver** Class 2 Power Supply. AC Input 120-277V, 50/60Hz. 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.**
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.

Made In USA

TAA COMPLIANT
TRADE AGREEMENT ACT COMPLIANT

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

(UL1598 for Non-Emergency Operation)

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 _____

WF Harris Lighting, Inc.

Innovative Lighting Designs Since 1970

P.O. Box 5023, Monroe, NC 28111-5023, USA

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e-mail: customerservice@wfharris.com

www.wfharrislighting.com

Form 2541 6/16

"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		**Housing Color**		**Options**

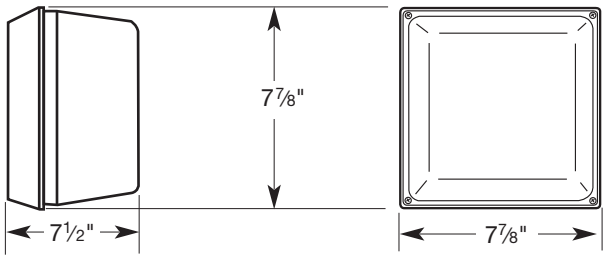
Housing Color
HW - White Housing
HB - Bronze Housing

Options
CRS - Conduit Connection Right Side [1,2]
CLS - Conduit Connection Left Side [1,2]
CT - Conduit Connection Top [1,2]
CB - Conduit Connection Bottom [1,2]
C4 - Conduit Connections All 4 Sides [1,2]
TPS - Tamperproof Screws (4) [3]

Accessories
(Order Separately)
TPT-Tamperproof Screwdriver

[1] *Positions based on facing luminaire.*
[2] *Additional charges may apply. Consult factory.*
[3] *No additional charge when specified with initial order.*

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 100,000 hours before their light output falls below 70% of original illumination and even longer in refrigerated environments.

Application-specific units available to meet a customer's unique lighting requirements.

After the customer provides W. F. Harris Lighting with specific requirements for a lighting application, our in-house LED Application Engineering Department will adjust the luminaire to satisfy those requirements. Once completed, a Product Code will be assigned and used to order application-specific units.

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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."