LED LUMINAIRE

EMERGENCY and NON-EMERGENCY UNITS
Model 30-LED SERIES
Rust Resistant • Vandal Resistant
Nonconductive

ETL LISTED c/us
Intertek

Highly versatile indoor/outdoor wall/ceiling energy-efficient compact luminaire — also suitable for graphic display of letters and/or numbers — delivers the same lumen level in emergency operation as in AC mode. Non-emergency and emergency versions (EM units) of the product are available and allow continuity of aesthetics in multiple luminaire installations, eliminating the need for separate emergency-only units. Emergency mode in the EM luminaire automatically engages on an interruption of power and recharges upon power restoration. Not only do both units meet the challenging issues of indoor/outdoor (Wet Location) applications, but also the EM unit in emergency mode exceeds UL924 illumination requirements. Luminaire provides illumination greater than the industry standard 90-minute duration (in excess of 2 hours with new batteries). Vandal resistant. **Quality engineered with materials offering high resistance to rust, corrosion, moisture, dust and impact.** Lens and housing constructed of high impact-resistant **polycarbonate** is self-extinguishing to assure more safety to the end user. For coastal environments, wharfs and piers, military and civilian housing units, office buildings, schools, hotels/motels, apartments/condominiums, government installations, and other commercial/industrial 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, unlike conventional lamps, if luminaire is dropped.

Specifications

Lens: Injection molded UV-stabilized clear prismatic or opal white **polycarbonate** in an average .125" thickness, an interior surface offering optimal lumen output and rounded corners offering added strength and user safety. Lens design options include display letters and/or numbers as specified by customer; or the lens trimmed in black, white or bronze high-temperature, weather-resistant polyurethane paint to match Housing.

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

Housing: Injection molded UV-stabilized reinforced **polycarbonate** in black, white or bronze. Includes five knockouts suitable for .50" conduit.

Gasket: Closed-cell neoprene rubber in .125" thickness creates a tight seal against contaminants.

LEDs: **High Quality Lighting Grade LEDs**
(Lumen output reduced through Opal White lens)
5,000K Color Temperature
1K (AC) = Net Lumens = 1200 (Efficacy = 120 Lm/W)
1K (EM) = Net Lumens = 1200
K6 (AC) = Net Lumens = 600
K3 (AC) = Net Lumens = 300
Model 30-WP-HZ-LED = Net Lumens = 1200
Model 30-WP-LED = Net Lumens = 1200
Warranted for five (5) years.

LED Life: **Lumen Maintenance** (TM-21-11 70% Projection)

1K (AC)	**=**	**127,000 Hrs**	(25°C/77°F)	**=**	**15 years of 24/7 LED life**
1K (AC)	**=**	**95,000 Hrs**	(50°C/122°F)	**=**	**11 years of 24/7 LED life**
K6 (AC)	**=**	**137,000 Hrs**	(25°C/77°F)	**=**	**16 years of 24/7 LED life**
K6 (AC)	**=**	**117,000 Hrs**	(50°C/122°F)	**=**	**13 years of 24/7 LED life**
K3 (AC)	**=**	**137,000 Hrs**	(25°C/77°F)	**=**	**16 years of 24/7 LED life**
K3 (AC)	**=**	**126,000 Hrs**	(50°C/122°F)	**=**	**14 years of 24/7 LED life**
30-WP-HZ	**=**	**168,000 Hrs**	(25°C/77°F)	**=**	**19 years of 24/7 LED life**
30-WP-HZ	**=**	**86,000 Hrs**	(50°C/122°F)	**=**	**10 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—Wet Location
(UL1598 for Non-Emergency Luminaire.)
(UL 924 for Emergency Luminaire.)
No Category for DLC.

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 _____

Driver: **High Quality Driver**
AC Input: 120V–277V, 50/60Hz
1K (AC) Power = 10 W (120-277V)
1K (EM) Power = 14.6 W (120-277V)
K6   Power = 5.2 W (120-277V)
K3   Power = 3.5 W (120 only)

c(UL)us LISTED

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.**

Emergency Battery Pack: Lithium Iron Phosphate battery maintenance free with a life expectancy of 7-10 years and over 90 minutes of emergency lighting. Exterior indicator light reveals that battery is charging during normal operation. During a power interruption, the unit automatically switches to emergency mode. When AC power is restored, the battery is recharged (within 48 hours maximum for a fully discharged battery). In Emergency mode, unit can operate efficiently at temperatures down to 10°C (50°F) and up to 40°C (104°F). **Warranted for five (5) years.**

Hardware: Two (2) stainless steel 8-32x3/8 phillips truss head screws or tamperproof screws (must specify) attach lens to base plate. Mounting hardware included.

MADE IN AMERICA
SBA QUALIFIED SMALL BUSINESS MANUFACTURER
TAA COMPLIANT *TRADE AGREEMENT ACT COMPLIANT*

WF Harris Lighting, Inc.™

Innovative Lighting Designs Since 1970
P.O. Box 5023, Monroe, NC 28111-5023, USA
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Form 2584-11AI

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

LED LUMINAIRE
EMERGENCY and NON-EMERGENCY UNITS

Ordering Information
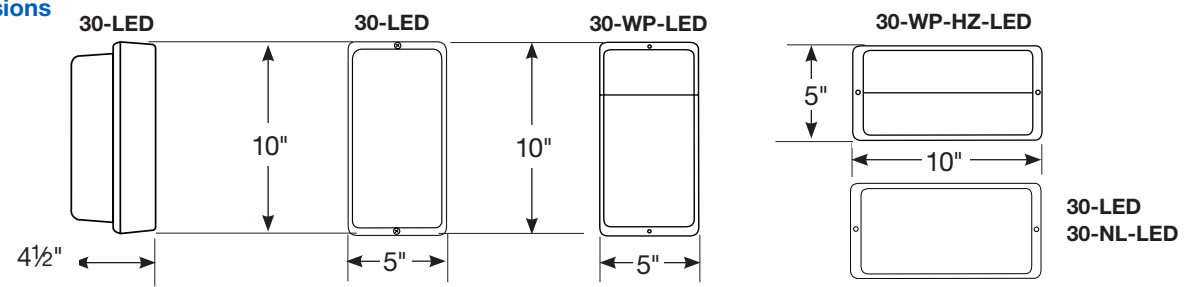Fill In Blocks for Complete Catalog Number

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Model	Output	Lens	Housing or Combination Lens Trim/Housing Color	Volts	Options	Specify up to four (4) numbers/letters for NL model.

Model

30-LED[1]

30-WP-LED [3,8]
Wall Pack

30-WP-HZ-LED [4,8]
Horizontal
Wall Pack

30-NL[1]

Letters/Numbers

Accessories
(Order Separately)
TPT - Tamperproof
Screwdriver
⚫

Output

K3 - 300 Net Lumens
K6 - 600 Net Lumens
1K - 1200 Net Lumens

Lens

CP - Clear Prismatic
OW - Opal White[6]

Housing or Combination Lens Trim/Housing Color

HK - Black Housing/Trim
HW - White Housing/Trim
HB - Bronze Housing/Trim

[1] Only Housing color is applicable.
[2] Additional charge.
[3] Single painted top end, vertical orientation.
[4] Single painted top end, horizontal orientation.
[5] Only Opal White Lens available.
[6] Lumen output is reduced through Opal White lens.
[7] Available in 1K and K6 Output.
[8] Emergency option only available in 1K Output.

Volts

120
120-277[7]

Options

PC - Photo Control
EM- Emergency Operation[8]
TPS - Tamperproof Screws[2]

Dimensions

30-LED   30-LED   30-WP-LED   30-WP-HZ-LED

10"   10"   5"   10"

4½"   5"   5"

30-LED
30-NL-LED

Weight

30-LED-1K = 2.0 lbs.	30-LED-1K-EM = 4.0 lbs.	30-LED-K6 = 2.0 lbs.	30-LED-K3 = 2.0 lbs.
30-WP-LED-1K = 2.0 lbs.	30-WP-LED-1K-EM = 4.0 lbs.	30-WP-LED-K6 = 2.0 lbs.	30-WP-LED-K3 = 2.0 lbs.
30-WP-HZ-LED-1K = 2.0 lbs.	30-WP-HZ-LED-1K-EM = 2.0 lbs.	30-NL-LED-1K = 2.0 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 fixture 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 100,000 hours before their light output falls below 70% of original illumination and even longer in refrigerated environments.

Specifications Subject to Change Without Notice.

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