

# LED LUMINAIRES



## NON-EMERGENCY and EMERGENCY UNITS

**Model 1200-LED-5K**

**Model 1200-WP-LED-5K-ST**

**Model 1200-WP-LED-5K-LT**

**Rust Resistant • Vandal Resistant • Nonconductive**

Vandal resistant, nonconductive LED wall and ceiling luminaires provide efficient, effective, and safe illumination. 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 all units meet the challenging issues of indoor/outdoor (Wet Location) applications, but also the EM unit in emergency mode exceeds UL924 illumination requirements. It provides approximately 30% illumination for greater than the industry standard 90-minute duration (in excess of 2 hours with new battery) all while maintaining the same photometric pattern of the unit in AC mode.

**Polycarbonate** lens and housing are nonconductive and self-extinguishing to assure more safety to the end user. The luminaire utilizes high quality LEDs and Driver to further enhance reliability and durability while reducing power consumption.

These luminaires are ideal for normal and challenging locations requiring rugged, corrosion-resistant, brilliant and dependable lighting sources like in coastal areas, 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, unlike conventional lamps, if luminaire is dropped.**

### Specifications

**Lens:** Injection molded lens of UV-stabilized **polycarbonate**. Average thickness is .125". In ambient temperatures the non-emergency unit operates between -40°C (-40°F) and 40°C (104°F), and between 10°C (50°F) and 40°C (104°F) in emergency mode. Frosted clear lens interior provides optimal light output and diffusion; smooth exterior surface allows ease of cleaning; rounded corners increases impact strength and safety.

**Base Plate:** Rust resistant .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.  
**Non-Emergency Mode Net Lumens = 5000**  
**Emergency Mode = Lumens: 1700**  
**Warranted for five (5) years.**

**LED Life:** **Lumen Maintenance** (TM-21-11 70% Projection)  
**305,000 Hrs** (25°C/77°F) = **34 years of 24/7 LED life**  
**102,000 Hrs** (50°C/122°F) = **12 years of 24/7 LED life**  
Calculations Based on US Department of Energy Worksheet.

ETL-US and ETL-C Listed for Wet Location Applications  
(UL1598 for Non-Emergency Operation. UL924 for 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 \_\_\_\_\_



**Driver:** **High Quality Driver**  
Class 2 Power Supply. AC Input: 120-277V  
**Power = 40 Watts** **Efficacy = 125 Lm/W**  
**Emergency Power = 43 Watts**



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 is 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). Battery pack is manufacturer warranted for five (5) years and is field replaceable.

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



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SMALL BUSINESS MANUFACTURER**

**TAA COMPLIANT**  
TRADE AGREEMENT ACT COMPLIANT

## WF Harris Lighting, Inc.™

**Innovative Lighting Designs Since 1970**

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Form 2537-2BJ

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

# NON-EMERGENCY and EMERGENCY LED LUMINAIRES

## Ordering Information

Fill In Blocks For Complete Model Number

	-		-		-	
<b>Model</b>		<b>Housing Color (3" Deep Std.)</b>		<b>Operation</b>		<b>Options (Additional Charge)</b>

**1200-LED-5K**

**1200-WP-LED-5K-ST** - Luminaire with Short Throw 45° Downward Angle from Vertical Light Angle

**1200-WP-LED-5K-LT** - Luminaire with Long Throw 30° Downward Angle from Vertical Light Angle

**HW** - White Housing  
**HB** - Bronze Housing  
**HK** - Black Housing

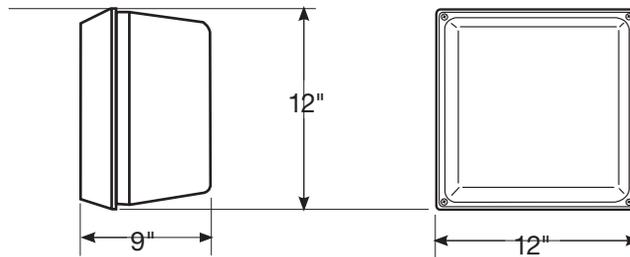
**EM** - Emergency  
 For ordering non-emergency operation, please leave blank.

**PC** - Photo Control  
**CRS** - Conduit Connection Right Side  
**CLS** - Conduit Connection Left Side  
**CT** - Conduit Connection Top  
**CB** - Conduit Connection Bottom  
**C4** - Conduit Connections All 4 Sides  
**TPS** - Tamperproof Screws (4)



Wall Pack Lenses are painted with high temperature, weather-resistant polyurethane paint (same color as housing)

## Dimensions



## Weight

- 1200-LED-5K = 6.7 lbs.**
- 1200-LED-5K-EM = 8.7 lbs.**
- 1200-WP-LED-5K-ST = 7.5 lbs.**
- 1200-WP-LED-5K-LT = 7.5 lbs.**
- 1200-WP-LED-5K-ST-EM = 9.5 lbs.**
- 1200-WP-LED-5K-LT-EM = 9.5 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 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 305,000 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 WARRANTY 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.”*