

NON-EMERGENCY and EMERGENCY LED LUMINAIRES

Model 1200-LED-5K Model 1200-LED-5K-EM

*Rustproof
Vandal Resistant
Non-Conductive*



Vandal resistant, non-conductive 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 both 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 non-conductive and self-extinguishing to assure more safety to the end user. 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. 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". 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: **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.
Non-Emergency Mode Net Lumens = 5000
Power = 45 W Efficacy = 111 Lm/W
Emergency Mode = Lumens: 1700 Watts: 49 Maximum
Warranted for five (5) years.



Non-Emergency and Emergency versions (shown with white and bronze housings, respectively) allow continuity of aesthetics in multiple luminaire installations.

LED Life: **Lumen Maintenance** (TM-21-11 70% Projection)
305,000 Hrs (25°C /77°F) = **35 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

Driver: **High Quality Driver**
Class 2 Power Supply. AC Input: 120-277V
FC cRU US

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.



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 _____

WF Harris Lighting, Inc.

Innovative Lighting Designs Since 1970

P.O. Box 5023, Monroe, NC 28111-5023, USA
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Form 2537 6/16

"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

1200-LED-5K	—	<input type="text"/>	—	<input type="text"/>	—	<input type="text"/>
Model		Housing Color		Operation		Options
		HW - White Housing HB - Bronze Housing		EM - Emergency For ordering non-emergency operation, please leave blank.		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

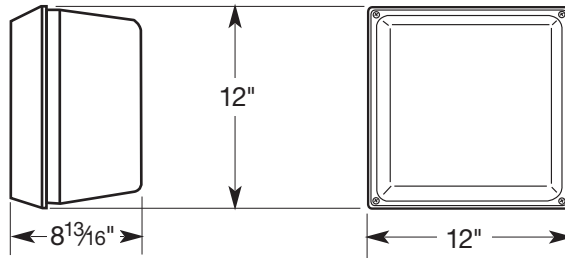


¹ Positions based on facing luminaire.

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.



TAA COMPLIANT
TRADE AGREEMENT ACT COMPLIANT

LENS AND HOUSING CARRY A LIFETIME GUARANTEE AGAINST BREAKAGE.

Specifications Subject to Change Without Notice.

W.F. Harris Lighting, Inc.

Innovative Lighting Designs Since 1970

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