

# WILDLIFE-FRIENDLY LED LUMINAIRE

## Model 1200-FC-A-HB

Rustproof • Vandal Resistant • Non-Conductive



Vandal resistant, non-conductive LED wall/ceiling luminaire uses an LED source with a nominal dominant wavelength of 590 nm. An internal reflector shield minimizes the area of the lens that is illuminated, supporting both a shielded approach and simulating lower mounting position as an observer will need to be much closer in order to see the illuminated lens surface. Luminaire is intended for applications where controlled area lighting is required such as canopies, parking decks and covered walkways.

The design utilizes a two-level driver which can be integrated with an optional motion or occupancy sensor (consult factory). When so equipped and no movement is detected, the unit operates at 50% power and only operates at full intensity when motion or occupancy is detected, further lowering the light output while maintaining a safe level of illumination.

Economical and rustproof, the luminaire is nonconductive which further assures safe use around pools and other water areas adjacent to turtle nesting environments. Constructed of impact resistant polycarbonate, the frosted clear lens and bronze housing carry a lifetime warranty against breakage. The LEDs are fastened to a rustproof tempered marine-grade aluminum base plate.

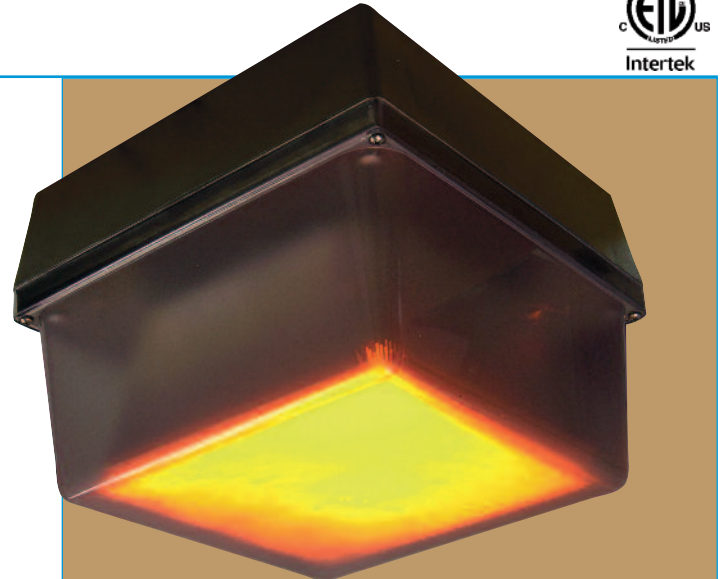
To further provide the lowest possible cost of ownership, this luminaire incorporates leading-edge LED technologies and employs high quality drivers which carry a 5-year manufacturer's factory warranty.

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

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

### Specifications

<b>Lens:</b>	Injection molded lens of UV-stabilized <b>polycarbonate</b> . 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.
<b>Base Plate:</b>	<b>Rustproof</b> .080" 5052 H-32 tempered marine-grade aluminum.
<b>Housing:</b>	Injection molded of UV-stabilized reinforced bronze <b>polycarbonate</b> . Rear knockout for supply wire. Available with up to four threaded connections and plugs suitable for .50" conduit (specify conduit connections).
<b>Reflector:</b>	Formed of anodized aluminum in a hammertone texture, projecting the light down and shielding side lighting.
<b>Gasket:</b>	Lens gasket and mounting gasket are closed-cell neoprene rubber.



**LEDs:** **High Quality Lighting Grade LEDs**  
Amber LEDs 585- 595 nm  
Amber Lumens: 960 Amber Watts: 24

**Driver:** **High Quality Driver**  
Class 2 Power Supply.  
AC Input: 120V/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 (must specify) 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)

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**

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Form 2507

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

# WILDLIFE-FRIENDLY LED LUMINAIRE

## Ordering Information

Fill In Blocks For Complete Model Number

<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
<b>Model</b>		<b>Volts</b>		<b>Options</b>
1200-FC-A-HB		120V/277V		

**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>3</sup>

## Accessories

(Order Separately)

**TPT**-Tamperproof Screwdriver

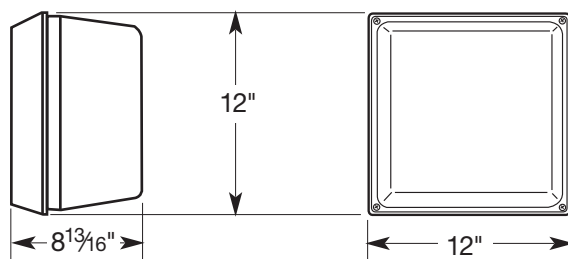


<sup>1</sup> Positions based on facing luminaire.

<sup>2</sup> Additional charges may apply. Consult factory.

<sup>3</sup> 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 do not break if dropped, unlike conventional lamps.

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.



**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.*