

# LED LUMINAIRE

**Model 50-M-F**  
**Model 50-M-D**

**Model 50-M-F-BR**  
**Model 50-M-D-BR**

*Corrosion Resistant*  
*Vandal Resistant*  
*Rust Resistant*



Energy saving, energy efficient ceiling luminaire where style is as important as endurance, dependability and reduced operating costs. New, specially designed BR (bug resistant) model blocks insect ingress into the unit.

Quality engineering provides high corrosion, impact resistance and a completely white powder coated aluminum base plate. The smooth, impact-resistant polycarbonate lens allows ease of cleaning and provides uniform light diffusion.

Ideal applications: building interiors, walkways, corridors, canopies, stairwells and breezeways. Suitable for schools and universities as well as for commercial, industrial, government and civic facilities. Also suitable for on-wall installation in decorative function/design applications.

## Specifications

**Lens:** Injection molded UV-stabilized **polycarbonate**. Average thickness is .061". Opal White lens provides clean, uniform light output and diffusion; smooth exterior surface allows ease of cleaning.

**Base Plate:** 3003-H14 Aluminum, powder coated white. Features keyhole slots for trouble-free mounting to standard junction boxes, requiring no additional hardware.

**LEDs:** **High Quality Lighting Grade LEDs**  
5,000K Color Temperature.  
**1K1: Net Lumens= 1100**  
**2K3: Net Lumens= 2300**  
Warranted for five (5) years.

**LEDs contain no mercury and emit no ultraviolet light.**  
**LEDs will not break, unlike conventional lamps, if luminaire is dropped.**

**LED Life:** **Lumen Maintenance** (TM-21-11 70% Projection - Please see reverse side for additional information.)  
**2K3: 86,000 Hrs** (25°C/77°F) = **9.8 years of 24/7 LED life**  
**164,000 Hrs** (46°C/122°F) = **18.7 years of 24/7 LED life**  
**1K1: 410,000 Hrs** (25°C/77°F) = **46.8 years of 24/7 LED life**  
**187,000 Hrs** (46°C/122°F) = **21.3 years of 24/7 LED life**  
**Calculations Based on US Department of Energy Standards.**  
**DOE TM-21-11, 70%.**

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 \_\_\_\_\_



Model 50-M-F



Model 50-M-D

**Energy Advantage:** Equivalent to an A21 Incandescent lamp that uses:  
200 watts of energy to produce 2235 lumens;  
100 watts of energy to produce 1000 lumens.

**Driver:** **High Quality Driver**  
Class 2 Power Supply. AC Input: 120-277V, 50/60Hz  
(Note: 277V is not dimmable)  
**1K1 = Power= 10W Efficacy = 110Lm/W**  
**2K3 = Power= 23W Efficacy = 100Lm/W**



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.**

**Hardware:** Nylon lens retaining screws for simple installation and maintenance.

- ETL-US and ETL-C Listed
- (UL1598 for Non-Emergency Operation)
- Suitable for Damp Location Applications

**WF Harris Lighting, Inc.™**  
**Innovative Lighting Designs Since 1970**

*"Providing Quality Products to the Lighting Industry for Over 50 Years"*

# LED LUMINAIRE

## Ordering Information

Fill In Block For Complete Product Description

### Model - Dome Lens

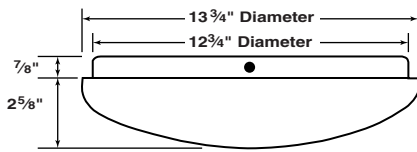
50-M-D-1K1-120-277 - Net Lumens = 1100  
50-M-D-1K1-120-277-BR - Net Lumens = 1100  
50-M-D-2K3-120-277 - Net Lumens = 2300  
50-M-D-2K3-120-277-BR - Net Lumens = 2300

### Model - Flat Lens

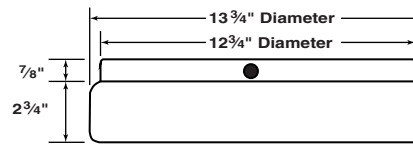
50-M-F-1K1-120-277 - Net Lumens = 1100  
50-M-F-1K1-120-277-BR - Net Lumens = 1100  
0-M-F-2K3-120-277 - Net Lumens = 2300  
50-M-F-2K3-120-277-BR - Net Lumens = 2300

## Dimensions

### Model - Dome Lens



### Model - Flat Lens



## Weight

50-M-D-1K1-120-277 - 2.5 Lbs.  
50-M-D-1K1-120-277-BR - 2.5 Lbs.  
50-M-D-2K3-120-277 - 2.5 Lbs.  
50-M-D-2K3-120-277-BR - 2.5 Lbs.

50-M-F-1K1-120-277 - 2.5 Lbs.  
50-M-F-1K1-120-277-BR - 2.5 Lbs.  
50-M-F-2K3-120-277 - 2.5 Lbs.  
50-M-F-2K3-120-277-BR - 2.5 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.

W. F. Harris Lighting LED-based luminaires reduce ownership costs through the following factors:

1. Minimal maintenance - LEDs last much longer than traditional lamps plus the luminaires are corrosion and vandal resistant.
2. Energy savings - LEDs reduce energy costs.
3. Impact resistant - LEDs will not break, unlike conventional lamps, if the luminaire is dropped.
4. Environmentally amiable - LEDs contain no mercury and emit no ultraviolet light.

These lighting grade LEDs offer efficient illumination that, depending on the application and model, can last up to 410,000 hours before their light output falls below 70% of original illumination.

Note: TM-21-11 is an industry-standard life expectancy calculation tool which, in this case, is used to determine the number of hours of life until the LED output becomes 70% of the initial value.

Specifications Subject to Change Without Notice

Luminaire is Warranted to be Free of Defects in Materials and Workmanship for One Year From Invoice Date.

Polycarbonate Material Carries a Limited Lifetime Warranty.



Made  
in USA

**TAA COMPLIANT**  
TRADE AGREEMENT ACT COMPLIANT

**W.F. Harris Lighting, Inc.™**

**Innovative Lighting Designs Since 1970**

P.O. Box 5023, Monroe, NC 28111-5023, USA  
704.283.7477 (HEADQUARTERS) • 800.842.9345 (TOLL FREE)  
customerservice@wfarris.com  
www.wfharrislighting.com