

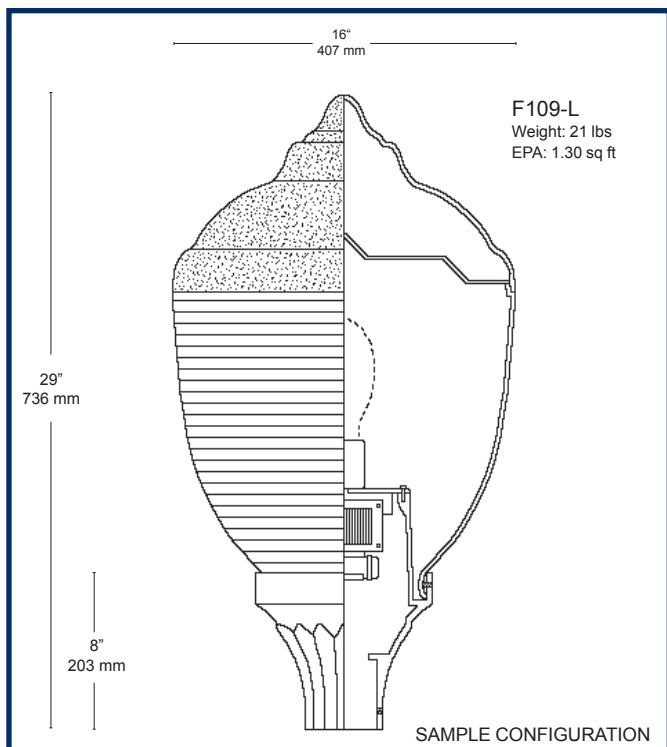
# F109 SERIES LUMINAIRE



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**Description.** The **F109** Series luminaire shall consist of an injection-molded UV stabilized acorn-shaped diffuser with prismatic optics and a mechanically fastened slip fitter (capital). The three-piece diffuser shall consist of an upper, frosted (stippled) UV stabilized polycarbonate section, a perforated aluminum light lid and a lower, UV stabilized prismatic acrylic or polycarbonate refractor. The upper and lower sections of the luminaire shall be riveted and siliconed together. The globe shall be secured to the gasketed fitter with stainless steel hardware. The fitter shall be made of cast aluminum and shall house a ballast assembly. The ballast shall feature quick disconnect plugs for easy maintenance. The ballast shall be factory wired, tested and mounted on a keyholed cast aluminum plate together with a 4kV porcelain socket. Lamps are not included and shall be supplied by others. All electrical components shall be UL listed and labeled.

**Installation.** The fixture shall slip fit onto a 3" OD or 4" OD tenon (specify) and shall be secured to the pole with three sets of two s/s hex socket screws spaced 120° apart (exception: fitters "A" and "H" secure with four s/s bolts at 90° apart).

**Finish.** All applicable parts shall receive a standard electrostatically applied thermoset polyester powder coat smooth semi gloss finish with a four part corrosion inhibiting process.

**To assemble a catalog number,** list all codes sequentially.

## 1. SIZE (height varies with fitter, see #2)

**F109-L** (16"W x 29"H w/ "B" fitter) ☐

## 3. DIFFUSER TYPE

**EAC** External Prismatic Acrylic ☐  
**EPC** External Prismatic Polycarbonate ☐

## 2. SLIP FITTER STYLE

**A** ☐ 11"H  
**B** ☐ 8"H

**C** ☐ 14"H  
**D** ☐ 8"H

**F** ☐ 10-1/2"H  
**G** ☐ 14"H

**H** ☐ 19"H  
**J** ☐ 12"H

**K** ☐ 11"H  
**Q** ☐ 11"H

## 4. LIGHT SOURCE (indicate wattage)

50 - 250 **MH** \_\_\_\_\_W ☐  
35 - 250 **HPS** \_\_\_\_\_W ☐  
55, 85 or 165 Philips® **QL**<sup>1</sup> \_\_\_\_\_W ☐  
**CFL** Fluorescent \_\_\_\_\_W ☐  
**INC** Incandescent \_\_\_\_\_W ☐

## 5. VOLTAGE (circle connected voltage)

**QT** (Quad Tap 120, 208, 240, 277) ☐  
**TT** (Tri Tap 120, 277, 347) ☐  
**NOTE:** Please circle connected voltage. If none is indicated, factory will pre-wire at 120V.  
**120V** Reactor ☐  
**480** Single ☐

## 6. OPTICS

**BL** bare lamp (standard for this fixture, due to external prismatic optics) ☐  
**IES** type III or V \_\_\_\_\_ (specify) ☐

For more information on optical systems, see *Options* section. Photometrics are also available in IES format - consult factory or your HCI sales representative.

## 7. FINIAL

**FA** ☐ **FB** ☐   
**FC** ☐ **NONE** ☐

## 8. OPTIONS

**FUS** fuse in luminaire ☐  
**PCB** luminaire integrated button type photocell ☐  
**HSS** house side shield ☐

## 9. COLOR

**Black** RAL 9011 ☐  
**Green** RAL 6005 ☐  
**Bronze** RAL 8019 ☐  
**Grey** RAL 7012 ☐  
**White** RAL 9016 ☐  
**Custom** ☐

## NOTES

<sup>1</sup> QL is available in 120V or 240V for 55W and 85W systems. Please specify.