

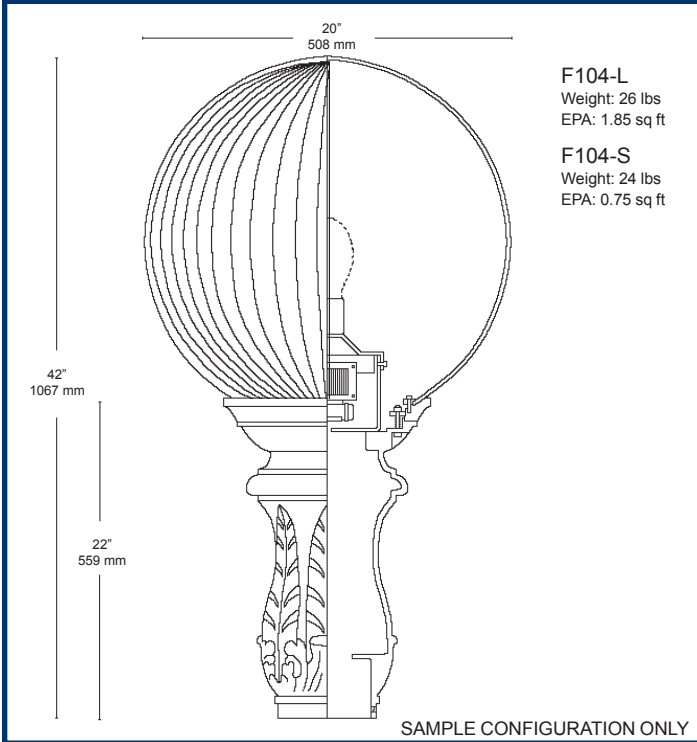
# F104 SERIES LUMINAIRES



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**F104-L**  
Weight: 26 lbs  
EPA: 1.85 sq ft

**F104-S**  
Weight: 24 lbs  
EPA: 0.75 sq ft

**Materials.** The **F104** Series luminaire shall consist of an injection-molded UV stabilized globe, an internal optical system and a mechanically fastened slip fitter (capital). The globe shall be secured to the gasketed fitter with stainless steel hardware. [OPTION for F104-L only: quarter-turn twist lock system TWL with security bolt (illustrated at left)]. The fitter shall be made of cast aluminum and shall house a ballast assembly. The ballast shall feature quick disconnect plugs for easy ballast 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)

- F104-L** (20"W x 42"H w/ "H" fitter)
- F104-S** (16"W x 37"H w/ "H" fitter)

## 2. SLIP FITTER STYLE

- |                                   |  |                                   |  |
|-----------------------------------|--|-----------------------------------|--|
| <b>A</b> <input type="checkbox"/> |  | <b>B</b> <input type="checkbox"/> |  |
| 11"H                              |  | 8"H                               |  |
| <b>C</b> <input type="checkbox"/> |  | <b>D</b> <input type="checkbox"/> |  |
| 14"H                              |  | 8"H                               |  |
| <b>F</b> <input type="checkbox"/> |  | <b>G</b> <input type="checkbox"/> |  |
| 10-1/2"H                          |  | 14"H                              |  |
| <b>H</b> <input type="checkbox"/> |  | <b>J</b> <input type="checkbox"/> |  |
| 19"H                              |  | 12"H                              |  |
| <b>K</b> <input type="checkbox"/> |  | <b>Q</b> <input type="checkbox"/> |  |
| 11"H                              |  | 11"H                              |  |

## 3. DIFFUSER TYPE

- WAC** White (opal) Acrylic
- WPC** White (opal) Polycarbonate
- FAC** Frosted (stippled) Acrylic
- FPC** Frosted (stippled) Polycarbonate

## 4. LIGHT SOURCE (indicate wattage)

- 50 - 250 **MH**<sup>1</sup> \_\_\_\_\_W
- Option: pulse start ballast
- 35 - 250 **HPS**<sup>1</sup> \_\_\_\_\_W
- 55, 85 or 165 Philips® **QL**<sup>2,3</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

- BR** glass refractor IES type III or V \_\_\_\_\_
- LV**<sup>4</sup> louver reflector IES type V
- BL** bare lamp (suggested with white diffusers)

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

## 7. OPTIONS

- TWL**<sup>5</sup> twist lock system
- FUS** internal fusing
- PCB** luminaire integrated button type photocell
- HSS** house side shield

## 8. COLOR

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

## NOTES

- <sup>1</sup> F104-S is limited to 100W max.
- <sup>2</sup> F104-S is limited to 55QL max.
- <sup>3</sup> QL is available in 120V or 240V for 55W and 85W systems.
- <sup>4</sup> F104-L only