

F100 SERIES LUMINAIRES



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F100-L
Weight: 24 lbs
EPA: 1.45 sq ft

F100-S
Weight: 22 lbs
EPA: 1.05 sq ft

Materials. The **F100** Series luminaire shall consist of an injection-molded UV stabilized acorn-shaped diffuser, an internal optical system and a mechanically fastened slip fitter (capital). The diffuser shall be secured to the gasketed fitter with stainless steel hardware. [OPTION for F100-L only: quarter-turn twist lock system TWL with security bolt (illustrated at left)]. The fitter 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.

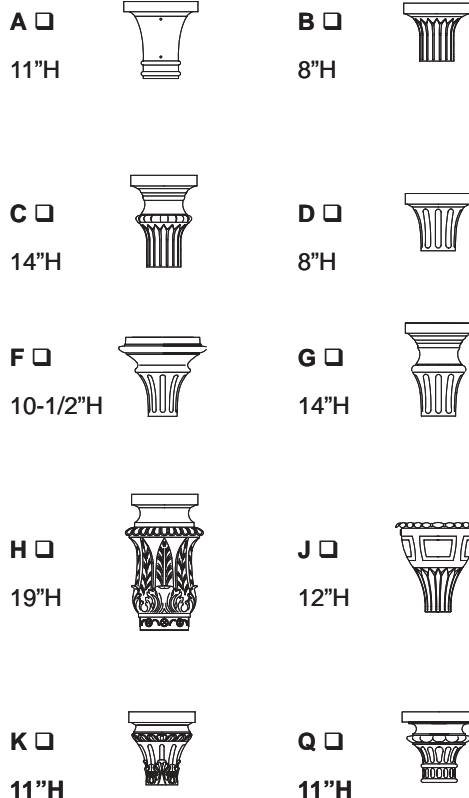
To assemble a catalog number, list all codes sequentially.

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

F100-L (16-1/2"W x 42"H w/ "G" fitter) ☐

F100-S (14"W x 36"H w/ "G" fitter) ☐

2. SLIP FITTER STYLE



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 ¹ _____W ☐

Option: pulse start ballast ☐

35 - 400 HPS ¹ _____W ☐

55, 85 or 165 Philips® QL ^{2,3} _____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 ⁴ 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. FINIAL

FA ☐  **FB** ☐ 

FC ☐  **NONE** ☐

8. OPTIONS

TWL ⁵ twist lock system ☐

FUS internal fusing ☐

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

- ¹ F100-S is limited to 100W max.
- ² F100-S is limited to 55QL max.
- ³ QL is available in 120V or 240V for 55W and 85W systems.
- ⁴ F100-S is not available with LV system
- ⁵ F100-L only