F18_LED_SPEC_JAN2019

F18 18” Direct and Uplight Architectural Round

Key Features
- Extruded aluminum housing is rolled and welded for seamless finish with 1/4” trim
- Aluminum top cover conceals all electrical components. Highly reflective die-formed white painted steel reflector
- FINA offered with a 5-year limited warranty. Covers LED, driver and fixture
- IC Rated (recessed only), UL and cUL Listed, approved for dry/damp location
- Maximum fixture weight is 15 lbs
- Room-side maintenance for LED system
- Buy American Act compliant

Example Part #: F18-A-830HO-G-U-OL1-1-0-W

### FINA 14 (F18)
18” (457.2mm)
4-1/2” (114.3mm)
4-7/8” (123.8mm)
18” (457.2mm)
Housing

F18 - DIRECT

Standard Fina is 100% direct

F18U - UPLIGHT

Fina with uplight has slots in top of housing to allow for about 7% of indirect light to create glow above fixture

Shielding

• White virgin acrylic lens with matte finish, removable for LED access
• Select from flat, concave, or convex formed satin lens
• Lens available in 3 positions
  - Flush
  - Regressed
  - Lowered

A
Flat Lens

AR
Regress Satin Lens

AL
Lowered Satin Lens

C
Convex Lens

CR
Regress Convex Lens

CL
Lowered Convex Lens

V
Concave Lens

VL
Lowered Concave Lens

Output

• Specify either 80 or 90 CRI
• Longer lead-time may apply for 90 CRI. Consult factory.
• 80 CRI = R9≥19 and 90 CRI = R9≥61

Specifications and dimensions subject to change without notice. Specification sheets that appear on pinnacle-ltg.com are the most recent version and supersede all other previously printed or electronic versions.

F18 - DIRECT

Standard Fina is 100% direct

F18U - UPLIGHT

Fina with uplight has slots in top of housing to allow for about 7% of indirect light to create glow above fixture

Shielding

• White virgin acrylic lens with matte finish, removable for LED access
• Select from flat, concave, or convex formed satin lens
• Lens available in 3 positions
  - Flush
  - Regressed
  - Lowered

A
Flat Lens

AR
Regress Satin Lens

AL
Lowered Satin Lens

C
Convex Lens

CR
Regress Convex Lens

CL
Lowered Convex Lens

V
Concave Lens

VL
Lowered Concave Lens

Output

• Specify either 80 or 90 CRI
• Longer lead-time may apply for 90 CRI. Consult factory.
• 80 CRI = R9≥19 and 90 CRI = R9≥61

Custom Output- Lumens OR Wattage

Specify CRI, CCT and desired lumens (i.e. CL8352000)

Specify lumens between standard offering listed below. Lumens are specified per color temp.  

Specify CRI, CCT and desired wattage (i.e. CW94025)

Specify watts between standard offering listed below

80 CRI

<table>
<thead>
<tr>
<th>Color</th>
<th>Output</th>
<th>Housing</th>
</tr>
</thead>
<tbody>
<tr>
<td>830</td>
<td>Standard</td>
<td>DIRECT</td>
</tr>
<tr>
<td>830HO</td>
<td>High</td>
<td>19.7</td>
</tr>
<tr>
<td>835</td>
<td>Standard</td>
<td>DIRECT</td>
</tr>
<tr>
<td>835HO</td>
<td>High</td>
<td>19.7</td>
</tr>
<tr>
<td>840</td>
<td>Standard</td>
<td>DIRECT</td>
</tr>
<tr>
<td>840HO</td>
<td>High</td>
<td>19.7</td>
</tr>
</tbody>
</table>

80 CRI

<table>
<thead>
<tr>
<th>Color</th>
<th>Output</th>
<th>Housing</th>
</tr>
</thead>
<tbody>
<tr>
<td>927</td>
<td>Standard</td>
<td>DIRECT</td>
</tr>
<tr>
<td>927HO</td>
<td>High</td>
<td>19.7</td>
</tr>
<tr>
<td>930</td>
<td>Standard</td>
<td>DIRECT</td>
</tr>
<tr>
<td>930HO</td>
<td>High</td>
<td>19.7</td>
</tr>
<tr>
<td>935</td>
<td>Standard</td>
<td>DIRECT</td>
</tr>
<tr>
<td>935HO</td>
<td>High</td>
<td>19.7</td>
</tr>
<tr>
<td>940</td>
<td>Standard</td>
<td>DIRECT</td>
</tr>
<tr>
<td>940HO</td>
<td>High</td>
<td>19.7</td>
</tr>
</tbody>
</table>

90 CRI
Mounting - Suspended - Recessed

- Aircraft cables and pendants mount directly to a standard junction box or structure.
- Canopies, pendant, and power cords are white. Specify canopy and pendant color in Fixture Options.
- AC canopies can be installed below the ceiling plane or semi-recessed into the ceiling for a flush mount installation, no specification required (see below).
- Must specify overall pendant length of 12", 18" or 24".
- Must specify cable length, either 48" or 120" standard, field adjustable.
- Designed to install into acoustical grid and inaccessible ceilings.
- Tie off fixture to structure with retention wires.
- Maximum fixture weight is 15 lbs.

<table>
<thead>
<tr>
<th>AC3__JB</th>
<th>AH4__JB</th>
<th>PP__JB</th>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 AC cables to fixture to J-Box</td>
<td>4 AC cables with hub to fixture to J-Box</td>
<td>Pendant Pipe to J-Box</td>
<td>Surface Mount Ceiling</td>
</tr>
<tr>
<td>AC3__ST</td>
<td>AH4__ST</td>
<td>PP__ST</td>
<td>WA</td>
</tr>
<tr>
<td>3 AC cables to fixture to Structure</td>
<td>4 AC cables with hub to fixture to Structure</td>
<td>Pendant Pipe to Structure</td>
<td>Surface Mount Wall</td>
</tr>
</tbody>
</table>

Canopies

- The canopy can be installed either below the ceiling plane or semi-recessed into the ceiling for a flush mount installation.
- Standard kit can be installed either way.
- Flush canopy installation is not available for fixtures installed below a grid rail.

G

Grid Ceiling with 3/4" (19.1mm) Trim
15/16" T-Bar
9/16" T-Bar
Screw Slot T-Bar
Recessed box allows for 1/2" of adjustability to accommodate a variety of grid ceilings.

FL

Standard 3/4" (19.1mm) Flange
Exposed Flange

NF

Non-Flange with 1/4" (6.4mm) Trim
Metal Pan or Millwork

SF

Spackle Flange
Drywall, Flangeless
Specifications and dimensions subject to change without notice. Specification sheets that appear on pinnacle-ltg.com are the most recent version and supersede all other previously printed or electronic versions.

### Voltage
- Some FINA configurations will not accommodate all voltage options; consult with factory

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>U</td>
<td>Universal</td>
</tr>
<tr>
<td>1</td>
<td>120 volt</td>
</tr>
<tr>
<td>2</td>
<td>277 volt</td>
</tr>
</tbody>
</table>

### Driver
- Standard Driver Option = OL1
- Driver Lifetime: 50,000 hours at 25°C ambient operating conditions
- For more Driver options, see Pinnacle Resource Guide

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>OL1</td>
<td>Osram Optotronic 10%, 0-10v</td>
</tr>
<tr>
<td>OL2</td>
<td>Osram Optotronic 1%, 0-10v</td>
</tr>
<tr>
<td>OL3</td>
<td>Osram Optotronic 10%, 0-10v, requires 347v</td>
</tr>
<tr>
<td>LH1</td>
<td>Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1</td>
</tr>
<tr>
<td>LS1</td>
<td>Lutron 5-Series 5%, EcoSystem, LDE5</td>
</tr>
<tr>
<td>ND</td>
<td>Non Dimming</td>
</tr>
</tbody>
</table>

### Circuiting
- Select fixture circuiting from options below
- Some FINA configurations will not accommodate all circuiting options; consult with factory

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Single Circuit</td>
</tr>
<tr>
<td>E</td>
<td>Emergency Circuit only</td>
</tr>
<tr>
<td>N</td>
<td>Night Light Circuit only</td>
</tr>
</tbody>
</table>

### Battery & Emergency
- Select battery or emergency options if required
- Battery duration is 90 minutes
- Test button is integral to fixture
- For more Battery options, see Pinnacle Resource Guide

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No Battery</td>
</tr>
<tr>
<td>1PB</td>
<td>Philips Bodine 10w</td>
</tr>
</tbody>
</table>

### For Approximate Battery Lumen Output
- Multiply battery wattage x fixture LPW shown on Lumen Table
- 10 (watts) x 92.3 (LPW) = 923 battery lumen output

### Battery & Emergency Ordering Examples
- Single circuit, 10w integral battery Ordering Code: 1-1PB
- Emergency circuit only, 10w integral battery Ordering Code: E-1PB

### Finish
- Powder-coat white painted finish on exposed trim

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
<td>White</td>
</tr>
<tr>
<td>S</td>
<td>Metallic Silver</td>
</tr>
<tr>
<td>BL</td>
<td>Textured Silver</td>
</tr>
<tr>
<td>BR</td>
<td>Bronze</td>
</tr>
<tr>
<td>GR</td>
<td>Graphite</td>
</tr>
<tr>
<td>CC</td>
<td>Custom Color</td>
</tr>
</tbody>
</table>

### Fixture Options
- Additional options to enhance the fixture and finish of the product

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>TW</td>
<td>Through-Wiring</td>
</tr>
<tr>
<td>CP</td>
<td>Chicago Plenum</td>
</tr>
<tr>
<td>AM</td>
<td>Antimicrobial Paint</td>
</tr>
<tr>
<td>FW6</td>
<td>Flex Whip 6'</td>
</tr>
<tr>
<td>FW12</td>
<td>Flex Whip 12'</td>
</tr>
<tr>
<td>GLR</td>
<td>Internal Fast Blow Fuse</td>
</tr>
<tr>
<td>GMF</td>
<td>Internal Slow Blow Fuse</td>
</tr>
<tr>
<td>CC-C</td>
<td>Custom Color Canopy</td>
</tr>
<tr>
<td>CC-P</td>
<td>Custom Color Pendant</td>
</tr>
</tbody>
</table>

Specifications and dimensions subject to change without notice. Specification sheets that appear on pinnacle-ltg.com are the most recent version and supersede all other previously printed or electronic versions.

Designed and Fabricated in Denver, CO • USA | pinnacle-ltg.com | O: 303-322-5570 F: 303-322-5568

F18_LED_SPEC_JAN2019
Universal (U), 120 volt (1), 277 volt (2) options available. Some FINA configurations will not accommodate all driver options. For more driver options, see Pinnacle Resource Guide. Some FINA configurations will not accommodate all circuiting options; consult with factory.

Driver: Standard Driver Option is Osram 0-10V, 10% = CL1. Electronic driver, Power factor is >0.9 with a THD <20%. Driver Lifetime: 50,000 hours at 25°C ambient operating conditions. For more driver options, see Pinnacle Resource Guide. Some FINA configurations will not accommodate all driver options.

Circuiting: Select from single circuit (1), Emergency circuit (E) or Night Light circuit (N). Some FINA configurations will not accommodate all circuiting options; consult with factory.

Battery & Emergency: Select battery or emergency options if required. If battery or emergency option is not required, enter 0. Battery duration is 90 minutes as standard. Test button is integral to fixture. For more Battery options, see Pinnacle Resource Guide.

Finish: Standard powder-coat textured white, metallic silver, textured black, graphite, or bronze painted finish, consult factory for chip of standard paint finishes. Contact factory for additional custom color and finish options.

Controls: Consult factory.

Labels: UL and cUL Listed. Standard and HO lumen packages are IC Rated, approved for dry/damp location unless otherwise noted.

Fixture Weight: 15 lbs maximum

Buy American Act Compliant

Warranty: FINA LED offered with a 5-year limited warranty. Covers LED, driver and fixture.

Specifications and dimensions subject to change without notice. Specification sheets that appear on pinnacle-ltg.com are the most recent version and supersede all other previously printed or electronic versions.

Designated and Fabricated in Denver, CO • USA | pinnacle-ltg.com | O: 303-322-5570 F: 303-322-5568

F18_LED_SPEC_JAN2019 pg. 5