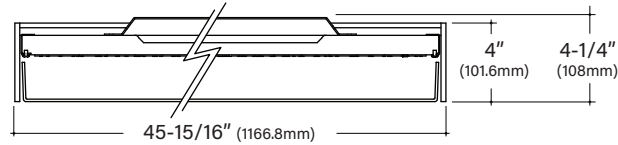




FINA F48DI

48" Direct / Indirect Suspended Architectural Round



Key Features

- 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, UL and cUL Listed, approved for dry/damp location
- Maximum fixture weight is 70 lbs
- Room-side maintenance for LED system
- Buy American Act compliant



Example Part #: F48DI-A-930-930-AC348JB-U-FSD-1-0-W

F48DI - SHIELDING - DIRECT SOURCE - INDIRECT SOURCE - MOUNTING - VOLTAGE - DRIVER - CIRCUITING - BATTERY & EMERGENCY - FINISH - FIXTURE OPTIONS

| SHIELDING | DIRECT SOURCE ¹ | INDIRECT SOURCE ¹ | MOUNTING ² |
|---|--|--|---|
| A - Flush Satine Lens AL - Drop Satine Lens AR - Regress Satine Lens <i>Shielding pg. 2</i> | 927 __ - 2700K 930 __ - 3000K 935 __ - 3500K 940 __ - 4000K CL ____ - Custom Lumens CW ____ - Custom Watts <i>Lumen Output pg. 2</i> | 927 __ - 2700K 930 __ - 3000K 935 __ - 3500K 940 __ - 4000K CL ____ - Custom Lumens CW ____ - Custom Watts <i>Lumen Output pg. 2</i> | AC3 ____ - 3 AC to JB or ST AH4 ____ - 4 AC w/hub to JB or ST PP ____ - Pendant Pipe to JB or ST PS ____ - Pendant Swivel to JB or ST <i>Mounting pg. 3</i> |
| VOLTAGE | DRIVER | CIRCUITING | BATTERY & EMERGENCY |
| U - Universal (120 thru 277V) 1 - 120V 2 - 277V 3 - 347V <i>Voltage pg. 3</i> | FSD - Factory Select Driver (1%, 0-10v) PL2 - Advance Xitanium (1%, 0-10v) OL2 - eldoLED Optotronic (1%, 0-10v) OL4 - eldoLED Optotronic 347v (1%, 0-10v) EE1 - eldoLED ECODErive (1%, 0-10v) ES1 - eldoLED SOLOdrive (0.1%, 0-10v) LH1 - Lutron Hi-lume (1%, EcoSystem) PS1 - Advance Xitanium (50%/100%) <i>Driver pg. 4</i> | 1 - Single Circuit 2 - Dual Circuit E - Emergency (<i>entire fixture</i>) N - Night Light (<i>entire fixture</i>) <i>Circuiting pg. 4</i> | 0 - None FSB - Factory Select Battery FSG - Factory Select ALCR GI - Iota ETS DR GB - Bodine GTD 1IC - Iota 10W (CEC Listed) 1P - Bodine 10W <i>Battery & Emergency pg. 4</i> |
| FINISH | FIXTURE OPTIONS | CONTROLS ³ | |
| W - White S - Metallic Silver BL - Textured Black BR - Bronze GR - Graphite CC - Custom Color <i>Finish pg. 5</i> | AM - Antimicrobial Paint DSP - Customer Supplied Battery/Driver/ Sensor GMF - Slow Blow Fusing <i>Fixture Options pg. 5</i> | DLMFC - Wattstopper DLM (<i>wired</i>) ENLI - Enlighted IOT (<i>remote</i>) ENLC - Enlighted Connected Lighting (<i>remote</i>) <i>Controls pg. 5</i> | |

¹When specifying SOURCE use the ending __ are for specifying output, example **HO** - High Output. ²Example: AC348JB. AC3 = 3 Aircraft Cables, 48 = 48" long cables, JB = connects to junction box. Standard AC cable lengths are 48" and 120", field adjustable. Standard pendant lengths are 12", 18", or 24". ³Controls can only be used with Single Circuit (1) or Emergency Circuit (E), cannot be used with any battery options. See Controls chart on page 5 for driver options and more information.

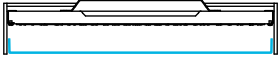
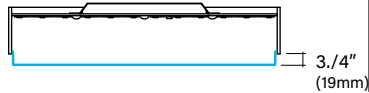

Specifications and dimensions subject to change without notice. Specification sheets that appear on pinnacle-ltg.com are the most recent version and supersede all other previously printed or electronic versions.



Shielding

- White virgin acrylic lens with matte finish, removable for LED access
- Lens available in 3 positions

Ordering Code

| A | AL | AR |
|---|---|--|
| Flush Satine Lens | Drop Satine Lens | Regress Satine Lens |
|  |  |  |

Direct Source: White LED

- 90 CRI = R9≥50

Custom Output- Lumens OR Wattage

| | | |
|-----------------|--|--|
| CL _____ | Specify CRI, CCT and desired lumens (i.e. CL8352000) | Specify lumens between standard offering listed below. Lumens are specified per color temp |
| CW _____ | Specify CRI, CCT and desired wattage (i.e. CW94020) | Specify watts between standard offering listed below |

90 CRI

| | Color | Shielding A, AL, AR Satine Lens | | |
|--------------|-------|---------------------------------------|-------|-----|
| | | Lumens | Watts | LPW |
| 927LO | 2700K | 7681 | 84.8 | 91 |
| 927MO | 2700K | 12982 | 150.4 | 86 |
| 927HO | 2700K | 17883 | 221.4 | 81 |
| 930LO | 3000K | 7917 | 84.3 | 94 |
| 930MO | 3000K | 13367 | 149.2 | 90 |
| 930HO | 3000K | 18451 | 219.3 | 84 |
| 935LO | 3500K | 7917 | 84.3 | 94 |
| 935MO | 3500K | 13367 | 149.2 | 90 |
| 935HO | 3500K | 18451 | 219.3 | 84 |
| 940LO | 4000K | 8310 | 84.3 | 99 |
| 940MO | 4000K | 14051 | 149.5 | 94 |
| 940HO | 4000K | 19409 | 220.1 | 88 |

Indirect Source: White LED

Custom Output- Lumens OR Wattage

| | | |
|-----------------|--|--|
| CL _____ | Specify CRI, CCT and desired lumens (i.e. CL8352000) | Specify lumens between standard offering listed below. Lumens are specified per color temp |
| CW _____ | Specify CRI, CCT and desired wattage (i.e. CW94020) | Specify watts between standard offering listed below |

90 CRI

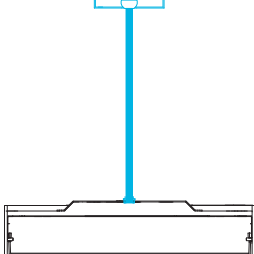
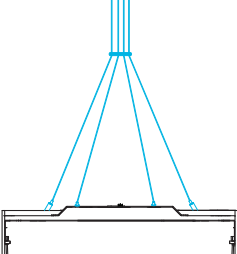
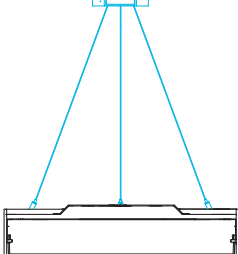
| | Color | Shielding LO Clear Lens Overlay | | |
|--------------|-------|---------------------------------------|-------|-----|
| | | Lumens | Watts | LPW |
| 927LO | 2700K | 4835 | 40.8 | 119 |
| 927MO | 2700K | 7110 | 60.9 | 117 |
| 927HO | 2700K | 9231 | 84.7 | 109 |
| 930LO | 3000K | 5090 | 40.8 | 125 |
| 930MO | 3000K | 7486 | 60.9 | 123 |
| 930HO | 3000K | 9720 | 84.7 | 115 |
| 935LO | 3500K | 5090 | 40.8 | 125 |
| 935MO | 3500K | 7486 | 60.9 | 123 |
| 935HO | 3500K | 9720 | 84.7 | 115 |
| 940LO | 4000K | 5414 | 40.8 | 133 |
| 940MO | 4000K | 7962 | 60.9 | 131 |
| 940HO | 4000K | 10338 | 84.7 | 122 |



Mounting

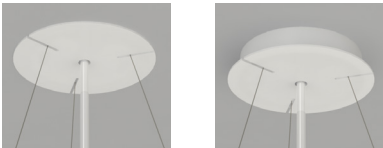
- Aircraft cables and pendants mount directly to a standard junction box or structure
 - Canopies and pendants match fixture finish, power cords are white or black depending on fixture finish. See Finish section for additional details.
- Must specify overall pendant length of 12", 18" or 24"
 - Must specify cable length, either 48" or 120" standard, field adjustable
 - Maximum fixture weight is 70 lbs

| | | |
|---|--|--|
| AC3__JB 3 AC cables to fixture to J-Box | AH4__JB 4 AC cables with hub to fixture to J-Box | PP__JB Pendant Pipe to J-Box |
| | | PS__JB Pendant Swivel to J-Box |
| AC3__ST 3 AC cables to fixture to Structure | AH4__ST 4 AC cables with hub to fixture to Structure | PP__ST Pendant Pipe to Structure |
| | | PS__ST Pendant Swivel to Structure |



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



Voltage

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

| | |
|----------|-----------|
| U | Universal |
| 1 | 120 volt |
| 2 | 277 volt |
| 3 | 347 volt |



Driver

- Standard Driver Option = FSD
- Driver Lifetime: 50,000 hours at 25°C ambient operating conditions
- For more Driver options, see Pinnacle Resource Guide on download pages at pinnacle-ltg.com
- Some FINA configurations will not accommodate all driver options; consult with factory

| 0-10V Drivers | |
|-------------------|---|
| FSD | Factory Select Driver 1%, 0-10v |
| PL2 | Advance Xitanium 1%, 0-10v |
| PL4 | Advance Xitanium 347v 1%, 0-10v, requires 347v |
| OL2 | eldoLED Optotronic, 1%, 0-10v |
| OL4 | eldoLED Optotronic 347v, 1% 0-10v, requires 347v option |
| EE1 | eldoLED ECOdrive 1%, 0-10v Logarithmic |
| EE2 | eldoLED ECOdrive 1%, 0-10v Linear |
| ES1 | eldoLED SOLOdrive 0-10v, 0.1% Logarithmic |
| ES2 | eldoLED SOLOdrive 0-10v, 0% Linear |
| DALI Drivers | |
| EE3 | eldoLED ECOdrive .1%, DALI (logarithmic) |
| ES3 | eldoLED SOLOdrive .1%, DALI (logarithmic) |
| OD1 | eldoLED Optotronic 1%, DEXAL |
| OD2 | eldoLED Optotronic 1%, DALI 2 Channel |
| Lutron Drivers | |
| LH1 | Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1 |
| Alternate Drivers | |
| PS1 | Signify Advance Xitanium Step Dimming 50%/100% |

Circuiting

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

| | |
|----------|--------------------------|
| 1 | Single Circuit |
| 2 | Dual Circuit |
| E | Emergency Circuit only |
| N | Night Light Circuit only |

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 on download pages at pinnacle-ltg.com

| | |
|--------------|--|
| 0 | No Battery |
| FSB | Factory Select Battery (10w option) |
| FSBST | Factory Select Battery (10w, Self Testing) |
| FSG | Factory Select Automatic Load Control Relay (ALCR), UNV |
| GI | Emergency Transfer Switch (ETS) DR Emergency Control Device, UNV |
| GB | Bodine GTD, Generator Transfer Device, 120v or 277v |
| 1IC | Iota 10w Integral |
| 1ILL | Iota 10w Integral Lithium, Self Testing |
| 1IRH | Iota 20w Remote |
| 1P | Bodine 10w Integral |
| 1PRH | Bodine 20w Remote |
| 1PLL | Bodine 10w Integral Lithium, Self Testing |

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

| | |
|-----------|---|
| W | White <i>(white cord/white canopy)</i> |
| S | Metallic Silver <i>(white cord/silver canopy)</i> |
| BL | Textured Black <i>(black cord/black canopy)</i> |
| BR | Bronze <i>(white cord/bronze canopy)</i> |
| GR | Graphite <i>(white cord/graphite canopy)</i> |
| CC | Custom Color <i>(white cord/color match canopy)</i> |

Fixture Options

- Additional options to enhance the fixture and finish of the product

| | |
|------------|---|
| AM | Antimicrobial Paint |
| DSP | Customer Supplied Battery/Driver/Sensor |
| GMF | Internal Slow Blow Fuse |

Controls

- Pinnacle Lighting offers easy to specify network control solutions that connect to an intelligent centralized system to maximize lighting energy efficiencies or integral sensors for individual fixture control
- Pinnacle Lighting fixtures ship technology ready; commissioning by others
- Controls can only be used with Single Circuit (1) or Emergency Circuit (E)
- Contact factory for any non-standard configurations for layout, placement, or EM options
- One sensor per housing typical, contact factory for more information

| | Solution | Components | Network/Sensor | Connection | RQD Drivers | Limitation |
|--------------|------------------------------|------------|-----------------------------------|-----------------------|-------------|-----------------------------|
| DLMFC | Legrand Wattstopper DLM | LMFC-011 | Digital Lighting Management (DLM) | Wired, two RJ45 ports | OL2, OL4 | None |
| ENLI | Enlighted IOT | CU-4E | Enlighted, Remote | Enlighted Cable | Any 0-10v | Not available with 347 volt |
| ENLC | Enlighted Connected Lighting | CU-4E | Enlighted, Remote | Enlighted Cable | Any 0-10v | Not available with 347 volt |

Approvals & Certifications

Construction: Extruded aluminum housing is rolled and welded for seamless finish with minimal trim detail. Aluminum top cover conceals all electrical components. Highly reflective die-formed white painted steel reflector. Wiring access on top of housing.

Shielding: Single piece diffuse lens creating a fully luminous housing. Available with standard satine lens.

Mounting: Aircraft cable, Pendant, Surface and Wall mount available. Aircraft Cable and pendant supplied with 5" (127mm) canopies. Refer to installation instructions for appropriate ceiling detail. Maximum fixture weight is 70 lbs.

LED: 25°C test environment. Lumen output/wattage has a margin of +/- 5%. Luminaire configurations tested in accordance with IES LM-79. Diodes tested in accordance with IES LM-80. Lifetime calculated using IES TM-21. Minimum lifetime greater than 60,000 hours. L70 = 146,500 hours and L90 = 45,000 hours. MacAdam 3-Step Ellipses. Not all products are Lighting Facts listed. For all available IES files, please visit our website at pinnacle-ltg.com.

CRI, CCT & Output: Three lumen packages available. Low (LO), Mid (MO) and High (HO). Custom outputs are available. Specify custom lumens or watts between standard offering listed on CRI, CCT & Output page. 90 CRI is available for 2700K, 3000K, 3500K, and 4000K. 90 CRI = R9≥50.

Voltage: Universal (U), 120 volt (1), 277 volt (2), 347 volt (3) options available. Must specify OL4 in Driver section when 347 volt (3) is selected. Some FINA configurations will not accommodate all voltage options; consult with factory.

Driver: Standard Driver Option is Advance 0-10V, 1% = Fsd. 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 on download pages at pinnacle-ltg.com. 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 on download pages at pinnacle-ltg.com.

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: DLM utilizes wired network connections for digital control through switching and dimming with 0-10v LED drivers. Enlighted Smart Sensor provides multi-functionality including daylight harvesting and PIR occupancy; for IOT platform using 0-10v LED drivers. Enlighted Smart Sensor provides multi-functionality including daylight harvesting and PIR occupancy; for Connected platform using 0-10v LED drivers.

Labels: UL and cUL 1598 listed. LO, MO, and HO lumen packages are IC Rated, approved for dry/damp location unless otherwise noted.

Fixture Weight: 70 lbs maximum

Buy American Act compliant

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