PINNACLE
ARCHITECTURAL LIGHTING®

FINA F36DI
36″ Direct / Indirect Suspended Architectural Round

4″ (101.6mm)
4-1/4″ (108mm)
33-15/16″ (862mm)
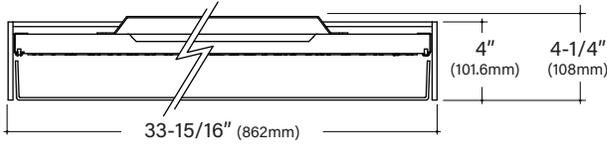
Key Features

- 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
- ETL Listed conforming to UL1598 in US and CSA 250 in Canada
- Maximum fixture weight is 47 lbs
- Room-side maintenance for LED system
- Buy American Act compliant

Example Part #: F36DI-A-830-830-AC48JB-U-PL2-1-0-W

F36DI - ☐ - ☐ - ☐ - ☐ - ☐ - ☐ - ☐ - ☐ - ☐ - ☐ - ☐

| SHIELDING | DIRECT SOURCE | INDIRECT SOURCE | MOUNTING | VOLTAGE | DRIVER | CIRCUITING | BATTERY & EMERGENCY | FINISH | FIXTURE OPTIONS | CONTROLS |

SHIELDING	DIRECT SOURCE[1]	INDIRECT SOURCE[1]	MOUNTING[2]
A - Flush Satine Lens	**_27_ _** - 2700K	**_27_ _** - 2700K	**AC3_ _ _ _ _** - 3 AC to JB or ST
AL - Drop Satine Lens	**_30_ _** - 3000K	**_30_ _** - 3000K	**AH4_ _ _ _ _** - 4 AC w/hub to JB or ST
AR - Regress Satine Lens	**_35_ _** - 3500K	**_35_ _** - 3500K	**PP_ _ _ _** - Pendant Pipe to JB or ST
Shielding pg. 2	**_40_ _** - 4000K	**_40_ _** - 4000K	**PS_ _ _ _** - Pendant Swivel to JB or ST
	CL_ _ _ _ _ _ - Custom Lumens	**CL_ _ _ _ _ _** - Custom Lumens	*Mounting pg. 3*
	CW_ _ _ _ _ _ - Custom Watts	**CW_ _ _ _ _ _** - Custom Watts	
	Direct Source pg. 2	*Indirect Source pg. 3*	

VOLTAGE	DRIVER	CIRCUITING	BATTERY & EMERGENCY
U - Universal *(120 thru 277V)*	**PL2** - Advance Xitanium *(1%, 0-10v)*	**1** - Single Circuit	**0** - None
1 - 120V	**PS1** - Advance Xitanium *(50%/100%)*	**2** - Dual Circuit	**1P** - Bodine 10W
2 - 277V	**EE1** - eldoLED ECOdrive *(1%, 0-10v)*	**E** - Emergency *(entire fixture)*	**1I** - Iota 10W
3 - 347V	**ES1** - eldoLED SOLOdrive *(0%, 0-10v)*	**N** - Night Light *(entire fixture)*	**1IC** - Iota 10W *(CEC Listed)*
Voltage pg. 4	**LH1** - Lutron Hi-lume *(1%, EcoSystem)*	*Circuiting pg. 4*	**1G** - Bodine GTD
	L51 - Lutron 5-Series *(5%, EcoSystem)*		*Battery & Emergency pg. 4*
	OL2 - Osram *(1%, 0-10v)*		
	OL4 - Osram 347v *(1%, 0-10v)*		
	ND - Non-Dimming		
	Driver pg. 4		

FINISH	FIXTURE OPTIONS	CONTROLS[3]
W - White	**AM** - Antimicrobial Paint	**DLMFC** - Wattstopper DLM *(wired)*
S - Metallic Silver	**GMF** - Slow Blow Fusing	**ENLI** - Enlighted IOT *(remote)*
BL - Textured Black	*Fixture Options pg. 4*	**ENLC** - Enlighted Connected Lighting *(remote)*
BR - Bronze		*Controls pg. 5*
GR - Graphite		
CC - Custom Color		
Finish pg. 4		

[1]When specifying SOURCE the first _ is for specifying either **8** - 80CRI, **9** - 90CRI. The ending _ _ are for specifying output, example **HO** - High Output. [2]Example: 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". [3]Controls 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.
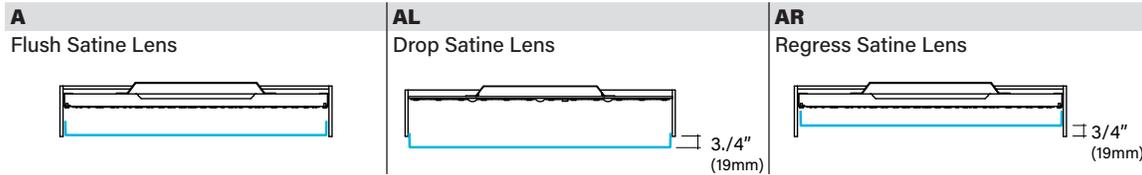
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Shielding

- 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
	3./4" (19mm)	3/4" (19mm)

Direct Source: White LED

- 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

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*

80 CRI

	Color	Shielding A, AL, AR Satine Lens		
		Lumens	Watts	LPW
830LO	3000K	4624	43.7	106
830MO	3000K	7974	74.1	108
830HO	3000K	11182	108.1	103
835LO	3500K	4849	44.2	110
835MO	3500K	8512	74.9	114
835HO	3500K	11788	108.9	108
840LO	4000K	4994	44.2	113
840MO	4000K	8528	74.7	114
840HO	4000K	11957	108.8	110

90 CRI

927LO	2700K	3923	45.5	86
927MO	2700K	6632	78.2	85
927HO	2700K	9140	115.3	79
930LO	3000K	4019	45.1	89
930MO	3000K	6777	77.3	88
930HO	3000K	9373	113.8	82
935LO	3500K	4019	45.1	89
935MO	3500K	6777	77.3	88
935HO	3500K	9373	113.8	82
940LO	4000K	4211	45.3	93
940MO	4000K	7104	77.7	91
940HO	4000K	9828	114.6	86

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Indirect Source: White LED

- 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

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*

80 CRI

	Color	Shielding		
		LO Clear Lens Overlay		
		Lumens	*Watts*	*LPW*
830LO	3000K	3878	26.8	145
830MO	3000K	5702	41.2	138
830HO	3000K	7452	55.4	135
835LO	3500K	4039	26.7	151
835MO	3500K	5949	41.2	144
835HO	3500K	7788	55.3	141
840LO	4000K	4149	26.7	155
840MO	4000K	6102	41.2	148
840HO	4000K	7923	55.3	143

90 CRI

|				
927LO	2700K	3212	26.8	120
927MO	2700K	4724	41.2	115
927HO	2700K	6133	55.4	111
930LO	3000K	3382	26.8	126
930MO	3000K	4973	41.2	121
930HO	3000K	6458	55.4	117
935LO	3500K	3382	26.8	126
935MO	3500K	4973	41.2	121
935HO	3500K	6458	55.4	117
940LO	4000K	3597	26.8	134
940MO	4000K	5290	41.2	128
940HO	4000K	6869	55.4	124

Mounting

- Aircraft cables and pendants mount directly to a standard junction box or structure
- 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 47 lbs

AC3 ___ JB	AH4 ___ JB	PP __ JB
3 AC cables to fixture to J-Box	4 AC cables with hub to fixture to J-Box	Pendant Pipe to J-Box
		PS __ JB
		Pendant Swivel to J-Box
AC3 ___ ST	AH4 ___ ST	PP __ ST
3 AC cables to fixture to Structure	4 AC cables with hub to fixture to Structure	Pendant Pipe to Structure
		PS __ ST
		Pendant Swivel to Structure
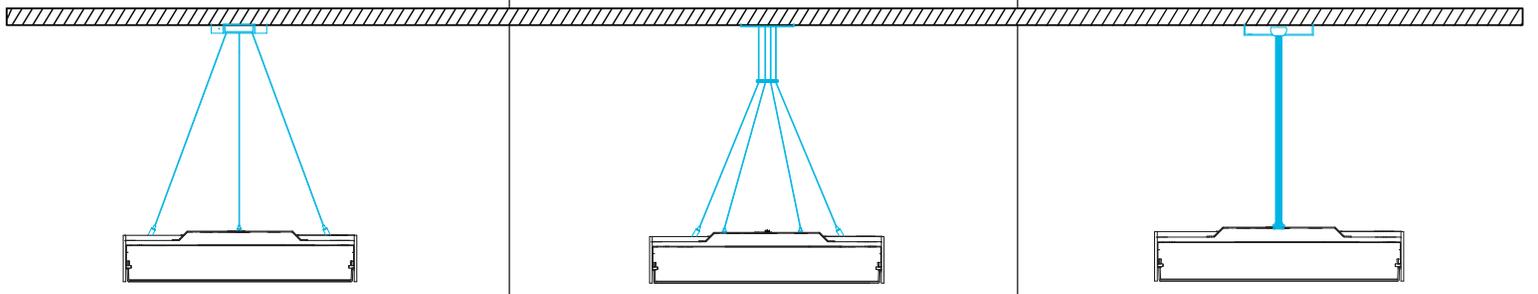
Canopies

- 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
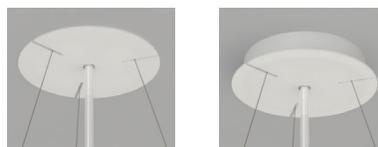
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Voltage

- 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 = PL2
- 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

PL2	Philips Advance Xitanium 1%, 0-10v
PS1	Advance Xitanium Step Dimming 50%/100%
EE1	eldoLED ECOdrive 1%, 0-10v Logarithmic
EE2	eldoLED ECOdrive 1%, 0-10v Linear
ES1	eldoLED SOLOdrive 0%, 0-10v Logarithmic
ES2	eldoLED SOLOdrive 0%, 0-10v Linear
LH1	Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1
L51	Lutron 5-Series 5%, EcoSystem, LDE5
OL2	Osram Optotronic 1%, 0-10v, nominal 1% dimming range
OL4	Osram Optotronic 347v 1%, 0-10v, requires 347v option
ND	Non-Dimming

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
1PB	Bodine 10w
1I	Iota 10w
1IC	Iota 10w CEC Listed
1G	Bodine GTD, Generator Transfer Device

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 *(white cord/white canopy)*
S	Metallic Silver *(grey cord/silver canopy)*
BL	Textured Black *(black cord/black canopy)*
BR	Bronze *(white cord/bronze canopy)*
GR	Graphite *(white cord/graphite canopy)*
CC	Custom Color *(white cord/color match canopy)*

Fixture Options

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

AM	Antimicrobial Paint
GMF	Internal Slow Blow Fuse

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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; comissioning 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	Any 0-10v	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 47 lbs.

LED: 25ºC test environment. Lumen output/wattage has a margin of +/- 5%. All 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. 80 CRI is available for 3000K, 3500K, and 4000K. 90 CRI is available for 2700K, 3000K, 3500K, and 4000K. 80 CRI = R9≥19 and 90 CRI = R9≥61.

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% = PL2. 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 remote 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 utlizes 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: ETL Listed conforming to UL1598 in US and CSA 250 in Canada. LO, MO, and HO lumen packages are IC Rated, approved for dry/damp location unless otherwise noted.

Fixture Weight: 47 lbs maximum

Buy American Act compliant

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

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