PINNACLE
ARCHITECTURAL LIGHTING®

FINA F14D
14″ Direct Suspended Architectural Round
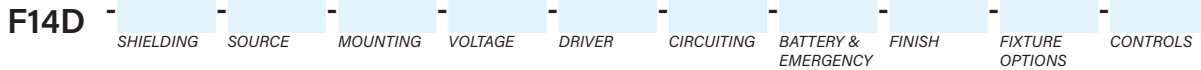
4″ (101.6mm)
4-1/4″ (108mm)
14″ (355.6mm)
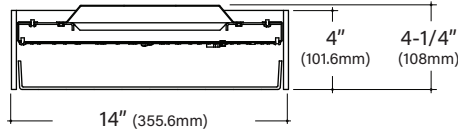
Key Features

- 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
- Room-side maintenance for LED system

Example Part #: F14D-A-930HO-AC348JB-U-FSD-1-0-W

F14D	-	SHIELDING	-	SOURCE	-	MOUNTING	-	VOLTAGE	-	DRIVER	-	CIRCUITING	-	BATTERY & EMERGENCY	-	FINISH	-	FIXTURE OPTIONS	-	CONTROLS

SHIELDING

A - Flush Satine Lens
AL - Drop Satine Lens
AR - Regress Satine Lens
Shielding pg. 2

SOURCE[1]

927_ _ - 2700K
930_ _ - 3000K
935_ _ - 3500K
940_ _ - 4000K
CL_ _ _ _ _ _ - Custom Lumens
CW_ _ _ _ _ _ - Custom Watts
Source pg. 2

MOUNTING[2]

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
S - Surface Mount
WA - Wall Mount
Mounting pg. 3

VOLTAGE

U - Universal *(120 thru 277V)*
1 - 120V
2 - 277V
3 - 347V
Voltage pg. 3

DRIVER

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 ECOdrive *(1%, 0-10v)*
ES1 - eldoLED SOLOdrive *(0.1%, 0-10v)*
LH1 - Lutron Hi-lume *(1%, EcoSystem)*
Driver pg. 3

CIRCUITING

1 - Single Circuit
E - Emergency *(entire fixture)*
N - Night Light *(entire fixture)*
Circuiting pg. 4

BATTERY & EMERGENCY

0 - None
1PRL - Bodine 7W Remote
Battery and Emergency pg. 4

FINISH

W - White
S - Metallic Silver
BL - Textured Black
BR - Bronze
GR - Graphite
CC - Custom Color
Finish pg. 4

FIXTURE OPTIONS[3]

AM - Antimicrobial Paint
DSP - Customer Supplied Battery/Driver/Sensor
GMF - Slow Blow Fusing
BA - Buy America(n) Act and/or Build America Buy America Compliant
Fixture Options pg. 4

CONTROLS[4]

DLMFC - Wattstopper DLM *(wired)*
Controls pg. 4

[1]When specifying SOURCE use 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]Compliance is configuration dependent; consult factory for confirmation. [4]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 4 for driver options and more information.
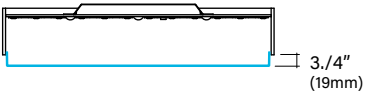
Specifications and dimensions subject to change without notice. Specification sheets that appear on pinnacle-ltg.com are the most recent version and supersede all other previously printed or electronic versions.

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

Source: White LED

- 90 CRI = R9≥50

Custom Output- Lumens OR Wattage

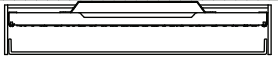| CL_ _ _ _ _	Specify CRI, CCT and desired lumens (i.e. CL8352000)	*Specify lumens between standard offering listed below. Lumens are specified per color temp*
CW_ _ _ _ _	Specify CRI, CCT and desired wattage (i.e. CW94020)	*Specify watts between standard offering listed below*

90 CRI
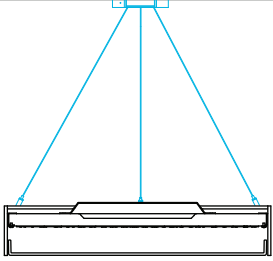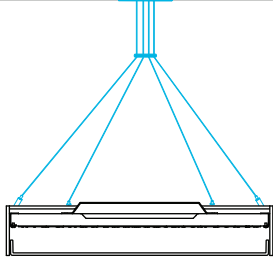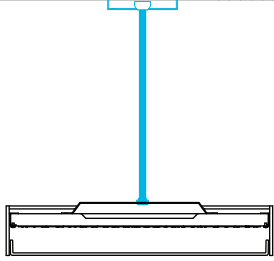
	Color	Shielding A, AL, AR Satine Lens		
		Lumens	*Watts*	*LPW*
927LO	2700K	701	9.4	75
927MO	2700K	1179	15.0	79
927HO	2700K	1624	20.8	78
930LO	3000K	725	9.3	78
930MO	3000K	1226	14.8	83
930HO	3000K	1692	20.6	82
935LO	3500K	725	9.3	78
935MO	3500K	1226	14.8	83
935HO	3500K	1692	20.6	82
940LO	4000K	768	9.3	82
940MO	4000K	1300	15.0	87
940HO	4000K	1795	20.8	86

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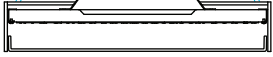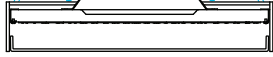
Mounting

- 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
- Tie off fixture to structure with retention wires
- Maximum fixture weight is 15 lbs

AC3___JB	AH4___JB	PP__JB	S
3 AC cables to fixture to J-Box	4 AC cables with hub to fixture to J-Box	Pendant Pipe to J-Box	Surface Mount Ceiling
		PS__JB	
		Pendant Swivel to J-Box	
AC3___ST	**AH4___ST**	**PP__ST**	**WA**
3 AC cables to fixture to Structure	4 AC cables with hub to fixture to Structure	Pendant Pipe to Structure	Surface Mount Wall
		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
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 2, Logarithmic, DT6
ES3	eldoLED SOLOdrive 0.1%, DALI 2, Logarithmic, DT6
Lutron Drivers	
LH1	Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1

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Circuiting

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

1	Single 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 remote to fixture

- For more Battery options, see Pinnacle Resource Guide on download pages at pinnacle-ltg.com

0	No Battery
1PRL	Bodine 7w, Remote, Dual conduit flex
1PRS	Bodine 7w, Remote, Self Testing, Dual conduit flex

For Approximate Battery Lumen Output
- Multiply battery wattage X fixture LPW shown on Lumen Table
- 7 (watts) x 75.2 (LPW) = 526 battery lumen output

Battery & Emergency Ordering Examples
- Single circuit, 10w integral battery   Ordering Code: 1-1PRL
- Emergency circuit only, 7w integral battery   Ordering Code: E-1PRL

Finish

- Standard powder-coat textured white, metallic silver, textured black, graphite or bronze painted finish; consult factory for chip of standard paint finishes
- Selecting a fixture finish other than white may impact lumen output; consult factory for more information

W	White *(white cord/white canopy)*
S	Metallic Silver *(white 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
DSP	Customer Supplied Battery/Driver/Sensor
GMF	Internal Slow Blow Fuse

- Domestic content option - compliance is configuration dependent; consult factory for conformation

BA	Buy America(n) Act and/or Build America Buy America Compliant

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

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Photometrics

Satine Lens

Test #	Scaled from ITL92439
Catalog #	F14D-A-940HO
Lumens	1795 lm
Watts	20.8 W
Efficacy	86 LPW

626
470
313
157
0
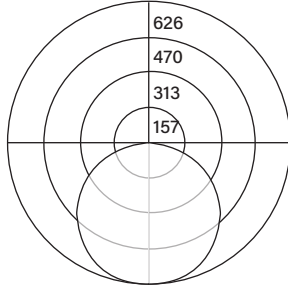
Candela Distribution

Vert Angle	Horizontal Angle 0
0	624
5	626
10	619
15	604
20	584
25	559
30	529
35	496
40	459
45	418
50	374
55	326
60	277
65	225
70	172
75	119
80	71
85	29
90	0

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6392	6392	6392
55	6151	6151	6151
65	5757	5757	5757
75	4991	4991	4991
85	3649	3649	3649

For all available IES files, please visit our website at pinnacle-ltg.com. Photometry testing in accordance to IESNA-LM-79-08 at an NVLAP or IAS accredited testing laboratory. Testing conducted at 25°C ambient conditions

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.

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. TM-21-21 Lifetime Rating L70 = >102,000 hours, L90 = 52,600 hours. MacAdam 3-Step Ellipses. For all available IES files, please visit our website at pinnacle-ltg.com.

CRI, CCT & Output: Not all lumen packages available. Three lumen packages available. Low (LO), Medium (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) and 347 volt (3) options available. Must specify PL4 or OL4 in Driver section when 347 volt (3) is selected. Some configurations will not accommodate all voltage options; consult with factory.

Driver: Standard Driver Option is Factory Select Driver 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. Some 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.

Buy America Act (BAA) and Build America, Buy America Act (BABA) Compliance: BAA and/or BABA compliance options are available to support federally funded projects requiring domestic content. Availability depends on configuration; Compliance is configuration-dependent; consult factory for confirmation.

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: 15 lbs maximum

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

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