PINNACLE
ARCHITECTURAL LIGHTING®

LiFT LF11D

1x1 Direct Suspended Architectural Square with Acoustic Solutions

4" (101.6mm)   4-1/4" (108mm)

12" (304.8mm)

Shown with SAR12 option
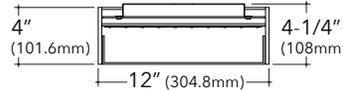
Key Features

- Formed and welded extruded aluminum housing for seamless finish with 1/4" trim
- Aluminum top cover conceals all electrical components
- Highly reflective die-formed white painted steel reflector
- Sound Absorption available in specific configurations
- Fabricated lens with 3 lens positions
- LiFT 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 12 lbs
- Room-side maintenance for LED system
- Buy American Act compliant
- Apparent Noise Reduction Coefficient (NRC) is up to 1.5

Example Part #: LF11D-A-830HO-AC448JB-U-PL2-1-0-W

LF11D

SHIELDING	CRI, CCT & OUTPUT	MOUNTING	VOLTAGE	DRIVER	CIRCUITING	BATTERY & EMERGENCY	FINISH	FIXTURE OPTIONS	CONTROLS

__ __   __ __ __ __ __ __   __ __ __ __ __ __   _

SHIELDING

A - Flush Satine Lens
AL - Drop Satine Lens
AR - Regress Satine Lens
ASF_ _ - Acoustic Solution Flush
(use P_ _ to specify color)
ASR_ _ - Acoustic Solution Regress
(use P_ _ to specify color)
Shielding pg. 2

SOURCE[2]

_27_ _ - 2700K
_30_ _ - 3000K
_35_ _ - 3500K
_40_ _ - 4000K
CL_ _ _ _ _ _ - Custom Lumens
CW_ _ _ _ _ _ - Custom Watts
NA - Not Applicable *(for specifying SA fixtures)*
Source pg. 3

MOUNTING[3]

AS4_ _ _ _ - 4 AC Straight to JB or ST
AC4_ _ _ _ - 4 AC Centered 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. 4

VOLTAGE

U - Universal *(120 thru 277V)*
1 - 120V
2 - 277V
3 - 347V
NA - Not Applicable *(for specifying SA fixtures)*
Voltage pg. 4

__ __ __   _   __ __ __   __ __

DRIVER

PL2 - Advance Xitanium *(1%, 0-10v)*
EE1 - eldoLED ECOdrive *(1%, 0-10v)*
ES1 - eldoLED SOLOdrive *(0%, 0-10v)*
LH1 - Lutron Hi-lume *(1%, EcoSystem)*
L51 - Lutron 5-Series *(5%, EcoSystem)*
OL2 - Osram Optotronics *(1%, 0-10v)*
OL4 - Osram Optotronics 347v *(1%, 0-10v)*
ND - Non-Dimming
NA - Not Applicable *(for specifying SA fixtures)*
Driver pg. 4

CIRCUITING

1 - Single Circuit
E - Emergency *(entire fixture)*
N - Night Light *(entire fixture)*
NA - Not Applicable *(for specifying SA fixtures)*
Circuiting pg. 5

BATTERY & EMERGENCY

0 - None
1PR - Bodine 10W *(remote)*
1PRL - Bodine 7W *(remote)*
1IR - Iota 10W *(remote)*
1IRC - Iota 10W *(remote, CEC listed)*
NA - Not Applicable *(for specifying SA fixtures)*
Battery & Emergency pg. 5

FINISH

W - White
S - Metallic Silver
BL - Textured Black
BR - Bronze
GR - Graphite
CC - Custom Color
Finish pg. 5

__ __ __   __ __ __

FIXTURE OPTIONS

AM - Antimicrobial Paint
GMF - Slow Blow Fusing
NA - Not Applicable *(for specifying SA fixtures)*
Fixture Options pg. 5

CONTROLS[4]

DLMFC - Wattstopper DLM *(wired)*
ENLI - Enlighted IOT *(remote)*
ENLC - Enlighted Connected Lighting *(remote)*
NA - Not Applicable *(for specifying SA fixtures)*
Controls pg. 5

[1]When specifying a fixture with only Sound Absorption (no lit components), use NA for the following sections of the part number: SOURCE, VOLTAGE, DRIVER, CIRCUITING, BATTERY & EMERGENCY, or CONTROLS. [2]When specifying SOURCE the first _ is for specifying either **8** - 80CRI, **9** - 90CRI. The ending _ _ are for specifying output, example **HO** - High Output. See output charts for more information. [3]Example: AC4120JB. AC4 = 4 Aircraft Cables, 120 = 120" 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". [4]Controls can only be used with Single Circuit (**1**) or Emergency Circuit (**E**). 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

- Fabricated, captive lens with 3 lens positions
- Highly reflective white reflectors maintain uniform lens brightness

Ordering Code

A or ASF	AL	AR or ASR
Flush Satine Lens or Acoustic Solution	Drop Satine Lens	Regress Satine Lens or Acoustic Solution
	1" (25.4mm)	1-3/16" (30.2mm)

Acoustic Solutions

- 9mm PET Polyester Fiber acoustic panel
- Recyclable and contains up-to 90% post-consumer content
- Use SAFP_ _ or SARP_ _ for direct panels
- Colors below are for representation purposes, color may vary from photograph, contact factory for sample.

- Specify the color of the Sound Absorption with the numeric code below in the Shielding portion of the part number. For example, SAFP04 for Direct Sound Absorption, Flush Mounting, White 04.
- If Acoustic Solutions are specified for the direct portion of the fixture and the indirect portion is non-illuminated, acoustic material will be applied to the indirect side of the fixture.

Standard Colors

P04 - White	P12 - Medium Grey	P27 - Black	P28 - Dark Grey	P33 - Royal Blue

Secondary Colors - May increase lead-time for order. Consult Factory.

P02 - Yellow	P03 - Orange	P05 - Light Tan	P06 - Carmel	P10 - Silver	P11 - Light Grey	P13 - Granny Smith
P14 - Lime	P16 - Dark Blue	P17 - Red	P18 - Dark Red	P19 - Purple	P22 - Sky Blue	P23 - Deep Blue
P25 - Grey	P26 - Heathered Grey	P34 - Teal	P36 - Dark Silver	P37 - Blue	PCC - Custom Color	

PCC - Custom Color Please note there is a minimum order quantity for custom matching. Consult factory for order quantity, price and lead-time.

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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

Sound Absorption

NA	Not applicable *(for Sound Absorption fixtures)*

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	Lumens	Shielding A, AL, AR Satine Lens	
			Watts	*LPW*
830LO	3000K	552	6.0	92
830MO	3000K	888	9.1	98
830HO	3000K	1215	12.8	95
835LO	3500K	571	6.0	95
835MO	3500K	931	9.1	102
835HO	3500K	1291	12.8	101
840LO	4000K	599	6.0	99
840MO	4000K	965	9.1	106
840HO	4000K	1329	12.9	103

90 CRI

	Color	Lumens	Watts	LPW
927LO	2700K	448	6.0	74
927MO	2700K	722	9.1	79
927HO	2700K	991	12.8	77
930LO	3000K	478	6.0	79
930MO	3000K	771	9.1	85
930HO	3000K	1060	12.8	83
935LO	3500K	478	6.0	79
935MO	3500K	771	9.1	85
935HO	3500K	1060	12.8	83
940LO	4000K	503	6.0	84
940MO	4000K	810	9.1	89
940HO	4000K	1110	12.9	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, grey, 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 12 lbs

AS4___JB	AC4___JB	AH4___JB	PP__JB	S
4 AC cables straight, fixture to J-Box	4 AC cables, center mount, fixture to J-Box	4 AC cables with hub, fixture to J-Box	Pendant Pipe to J-Box	Surface Mount Ceiling
			PS__JB	
			Pendant Swivel to J-Box	
AS4___ST	**AC4___ST**	**AH4___ST**	**PP__ST**	**WA**
4 AC cables straight, fixture to Structure	4 AC cables, center mount, fixture to Structure	4 AC cables with hub, fixture to Structure	Pendant Pipe to Structure	Surface Mount Wall
			PS__ST	
			Pendant Swivel to Structure	
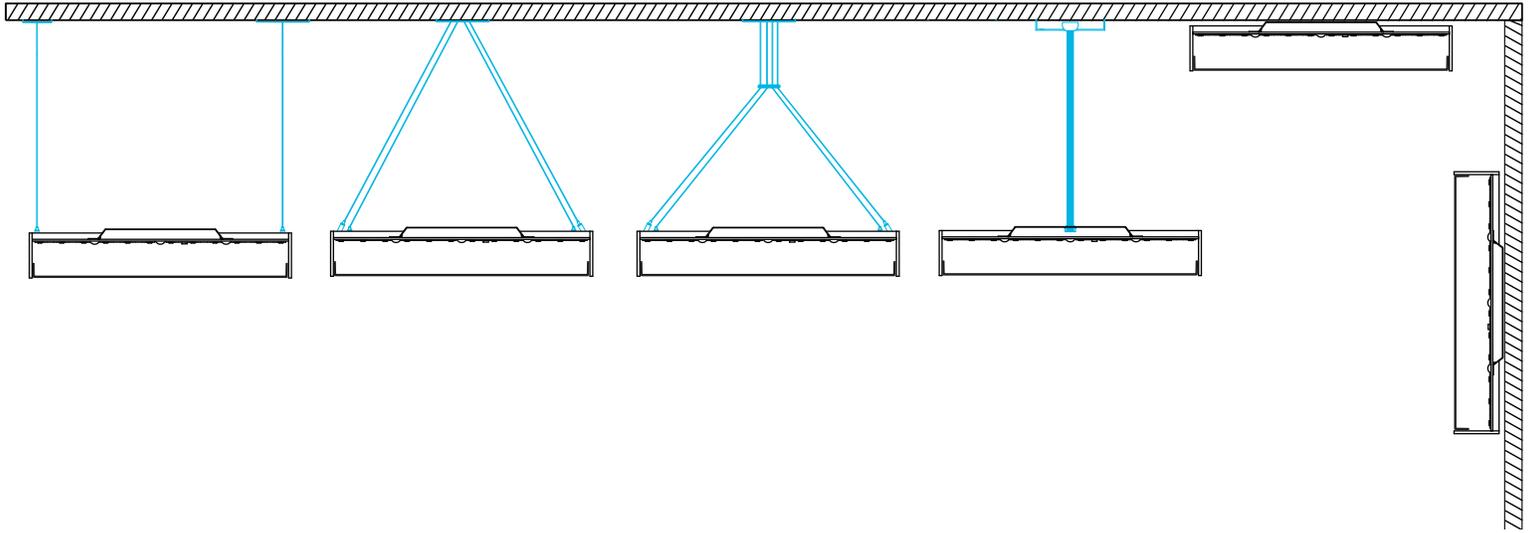
Voltage

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

U	Universal
1	120 volt
2	277 volt
3	347 volt
NA	Not Applicable *(for Sound Absorption)*

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 LIFT configurations will not accommodate all driver options; consult with factory

PL2	Advance Xitanium 1%, 0-10v
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
OL4	Osram Optotronic 347v 1%, 0-10v, requires 347v
ND	Non-Dimming
NA	Not Applicable *(for Sound Absorption)*

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Circuiting

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

1	Single Circuit
E	Emergency Circuit only
N	Night Light Circuit only
NA	Not Applicable *(for Sound Absorption)*

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
1PRL	Bodine 7W Remote, CEC Listed
1PR	Bodine 10W Remote, CEC Listed
1IR	Iota 10W Remote
1IRC	Iota 7W Remote, CEC Listed
NA	Not Applicable *(for Sound Absorption)*

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: 1-1P
- Emergency circuit only, 10w integral battery Ordering Code: E-1P

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 *(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
NA	Not Applicable *(for Sound Absorption)*

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
NA	Not Applicable *(for Sound Absorption)*					

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Approvals & Certifications

Construction: Formed 20 gauge cold rolled steel housing. Highly reflective die-formed white painted reflector. Wiring access available on both top and sides of housing. Lens is removable for room-side maintenance of lens, driver and LED boards.

Shielding: Single piece fabricated diffuse acrylic lens creating a fully luminous fixture.

Acoustic Solutions: Acoustic Solutions panels may be specified in place of lit fixture components to aid in Acoustic Control within a space. Acoustic Solutions material is a 9mm PET Polyester Fiber acoustic panel, containing up to 90% post-consumer content, made by others. Acoustic testing was completed by Riverbank Acoustic. For specific reports, contact Pinnacle directly.

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 12 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.

Color & Lumen Output: Three lumen packages available. Low (LO), Middle (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) and 347 volt (3) options available. Must specify OL4 in Driver section when 347 volt (3) is selected. Some LiFT 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 LiFT configurations will not accommodate all driver options.

Circuiting: Select from single circuit (1), Emergency circuit (E) or Night Light circuit (N). Some LiFT 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 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. Approved for dry/damp location unless otherwise noted.

Fixture Weight: 12 lbs maximum.

Buy American Act Compliant

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

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