PINNACLE
ARCHITECTURAL LIGHTING®

LiFT LF44D
4x4 Direct Recessed Architectural Square

4" (101.6mm)

47-5/8" (1209.7mm)

Shown with Regress Lens option
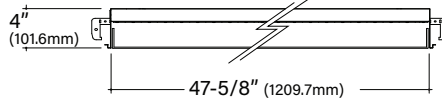
Key Features

- Formed 20 gauge cold rolled steel housing
- Highly reflective die-formed white painted reflector
- Fabricated, captive 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 75 lbs
- Room-Side Maintenance for LED system
- Buy American Act compliant

BUY AMERICAN ACT COMPLIANT · SMART · LED · 5 YEAR LED WARRANTY · INTERTEK ETL LISTED · IC RATED · DESIGNED IN DENVER CO

Example Part #: LF44D-A-830HO-G-U-PL2-1-0-W

DISCONTINUED

LF44D - **A** - ___ - ___ - ___ - ___ - ___ - ___ - ___ - ___ - ___

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

A	_____		_____				_		

SHIELDING	**SOURCE[1]**	**MOUNTING**	**VOLTAGE**
A - Flush Satine Lens	**_27__** - 2700K	**G -** Grid Ceiling	**U -** Universal *(120 thru 277V)*
AL - Drop Satine Lens	**_30__** - 3000K	**FL -** Flanged	**1 -** 120V
AR - Regress Satine Lens	**_35__** - 3500K	**SF -** Spackle Flange	**2 -** 277V
Shielding pg. 2	**_40__** - 4000K	*Mounting pg. 3*	**3 -** 347V
	CL_ _ _ _ _ _ - Custom Lumens		*Voltage pg. 3*
	CW_ _ _ _ _ _ - Custom Watts		
	Source pg. 2		

___	_	___	__

DRIVER	**CIRCUITING**	**BATTERY & EMERGENCY**	**FINISH**
FSD - Factory Select Driver *(1%, 0-10v)*	**1 -** Single Circuit	**0 -** None	**W -** White
PL2 - Advance Xitanium *(1%, 0-10v)*	**E -** Emergency *(entire fixture)*	**FSB -** Factory Select Battery	**S -** Metallic Silver
OL2 - eldoLED Optotronic *(1%, 0-10v)*	**N -** Night Light *(entire fixture)*	**FSG -** Factory Select ALCR	**BL -** Textured Black
OL4 - eldoLED Optotronic 347v *(1%, 0-10v)*	*Circuiting pg. 4*	**GI -** Iota ETS DR	**BR -** Bronze
EE1 - eldoLED ECOdrive *(1%, 0-10v)*		**GB -** Bodine GTD	**GR -** Graphite
ES1 - eldoLED SOLOdrive *(0.1%, 0-10v)*		**1IC -** Iota 10W, Integral *(CEC Listed)*	**CC -** Custom Color
LH1 - Lutron Hi-lume *(1%, EcoSystem)*		**1P -** Bodine 10W Integral	*Finish pg. 4*
PS1 - Advance Xitanium *(50%/100%)*		*Battery and Emergency pg. 4*	
Driver pg. 4			

____	

FIXTURE OPTIONS	**CONTROLS[2]**
CP - Chicago Plenum	**DLMFC -** Wattstopper DLM *(wired)*
AM - Antimicrobial Paint	**ENLI -** Enlighted IOT *(remote)*
FW6 - 6' Flex Whip	**ENLC -** Enlighted Connected Lighting *(remote)*
DSP - Customer Supplied Battery/Driver/ Sensor	*Controls pg. 5*
GMF - Slow Blow Fusing	
Fixture Options pg. 5	

[1]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. [2]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.
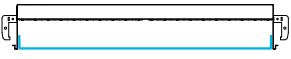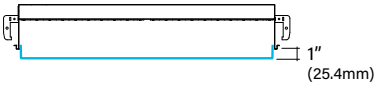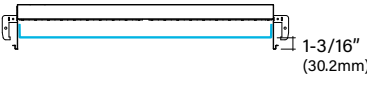
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Shielding

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

Ordering Code

A	AL	AR
Flush Satine Lens	Drop Satine Lens	Regress Satine Lens
	1" (25.4mm)	1-3/16" (30.2mm)

Source: White LED

- Specify either 80 or 90 CRI
- Longer lead-time may apply for 90 CRI. Consult factory

- 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*

80 CRI

	Color	Lumens	Shielding A, AL, AR Satine Lens	
			Watts	*LPW*
830MO	3000K	15107	126.3	120
830HO	3000K	20672	181.2	114
835MO	3500K	15839	126.3	125
835HO	3500K	21958	181.2	121
840MO	4000K	16420	127.0	129
840HO	4000K	22612	183.0	124

90 CRI
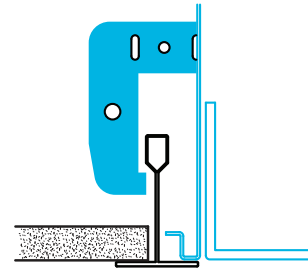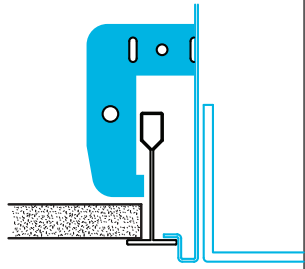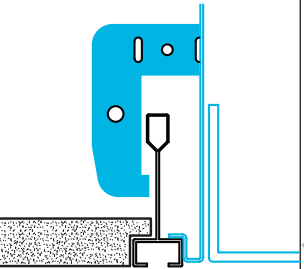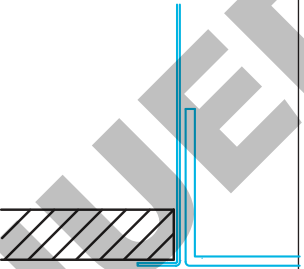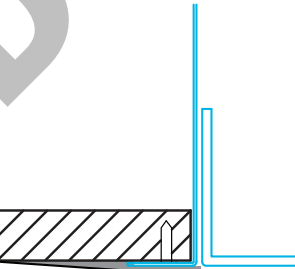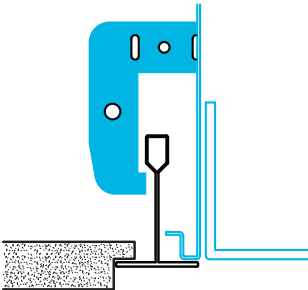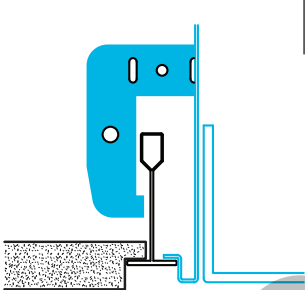
	Color	Lumens	Shielding A, AL, AR Satine Lens	
927MO	2700K	12287	126.8	97
927HO	2700K	16863	181.9	93
930MO	3000K	13119	126.8	103
930HO	3000K	18039	181.9	99
935MO	3500K	13119	126.8	103
935HO	3500K	18039	181.9	99
940MO	4000K	13778	126.6	109
940HO	4000K	18893	182.3	104

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pg. 2

Mounting

- Designed to install into acoustical grid and inaccessible ceilings
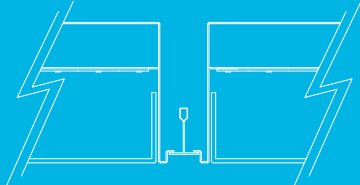- Grid retention clips integral to housing and require mechanical attachment
- Tie off fixture to structure with retention wires

- Maximum fixture weight is 75 lbs
- Refer to installation instructions during installation at the job site
- Approved for dry/damp location unless otherwise noted

G			**FL**	**SF**
1" Grid Mount *Works with 15/16" grid ceiling types. See profile for fixture position in relation to ceiling grid and tile.*	**9/16" Grid Mount** *Works with 9/16" grid ceiling type. For tegular tile installations, fixture position will be flush to the bottom of the tile. See tegular tile profile image below.*	**Screw Slot Mounting** *Works with screw slot and bolt slot ceiling types.*	**Flange** *Utilize in drywall application when a flange is required.*	**Spackle Flange** *Utilize in drywall application when a flangeless look is required.*
Standard Tile	*Standard Tile*	*Tegular Tile*		
Tegular Tile	*Tegular Tile*			

Side-by-Side Installation

LiFT has the ability to have 2 fixtures mounted side by side using the same grid. This detail allows LiFT to be installed in a pattern with only the space of the T-bar between the fixtures.

Voltage

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

U	Universal
1	120 volt
2	277 volt
3	347 volt

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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 LIFT 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
LH4	Lutron Hi-Lume 1%, 2-wire, Lutron-LTEA2W, 120v only
Alternate Drivers	
PS1	Signify Advance Xitanium Step Dimming 50%/100%
OD1	eldoLED Optotronic 1%, DEXAL

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

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

Finish

- Powder-coat white painted finish on exposed trim
- 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*)

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Fixture Options

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

CP	Chicago Plenum
AM	Antimicrobial Paint
FW6	Flex Whip 6'
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; 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	OL2, OL4	None
ENLI	Enlighted IOT	CU-4E	Enlighted, Daylight/PIR Occupancy	Enlighted Cable	Any 0-10v	Not available with 347 volt
ENLC	Enlighted Connected Lighting	CU-4E	Enlighted, Daylight/PIR Occupancy	Enlighted Cable	Any 0-10v	Not available with 347 volt

Approvals & Certifications

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

Shielding: Single piece extruded diffuse acrylic lens creating a fully luminous fixutre.

Mounting: Designed to install into acoustical grid and inaccessible ceilings. Specify G for acoustical grid ceiling. Specify FL or SF for inaccessible ceilings. Grid retention clips integral to housing and require mechanical attachment. Tie off fixture to structure with retention wires. Maximum fixture weight is 75 lbs.

LED: 25ºC 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.

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. 90 CRI = R9≥50.

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: Powder-coat white painted finish on exposed trim.

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

Fixture Weight: 75 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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