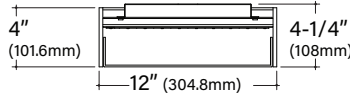


*Shown with Regress Lens option



LiFT LF14DI

1x4 Direct/Indirect Suspended Architectural Square



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
- 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 30 lbs
- Room-side maintenance for LED system
- Buy American Act compliant



Example Part #: LF14DI-A-LO-830HO-830-AC448JB-U-PL2-1-0-W

LF14DI		LO										
DIRECT SHIELDING	INDIRECT SHIELDING	DIRECT SOURCE	INDIRECT SOURCE	MOUNTING	VOLTAGE	DRIVER	CIRCUITING	BATTERY & EMERGENCY	FINISH	FIXTURE OPTIONS	CONTROLS	

---	LO	-----	-----
DIRECT SHIELDING	INDIRECT SHIELDING	DIRECT SOURCE ¹	INDIRECT SOURCE ¹
A - Flush Satine Lens AR - Regress Satine Lens AL - Drop Satine Lens <i>Shielding pg. 2</i>	LO - Clear Lens Overlay <i>Shielding pg. 2</i>	_27_ - 2700K _30_ - 3000K _35_ - 3500K _40_ - 4000K CL - Custom Lumens CW - Custom Watts <i>Direct Source pg. 2</i>	_27_ - 2700K _30_ - 3000K _35_ - 3500K _40_ - 4000K CL - Custom Lumens CW - Custom Watts <i>Indirect Source pg. 3</i>
-----	-	---	-
MOUNTING ²	VOLTAGE	DRIVER	CIRCUITING
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 <i>Mounting pg. 3</i>	U - Universal (120 thru 277V) 1 - 120V 2 - 277V 3 - 347V <i>Voltage pg. 4</i>	FSD - Factory Select Driver (1%, 0-10v) PL2 - Advance Xitanium (1%, 0-10v) OL2 - Osram Optotronics (1%, 0-10v) OL4 - Osram Optotronics 347v (1%, 0-10v) EE1 - eldoLED ECODrive (1%, 0-10v) ES1 - eldoLED SOLOdrive (0.1%, 0-10v) LH1 - Lutron Hi-lume (1%, EcoSystem) <i>Driver pg. 4</i>	1 - Single Circuit 2 - Dual Circuit E - Emergency (entire fixture) N - Night Light (entire fixture) <i>Circuiting pg. 4</i>
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BATTERY & EMERGENCY	FINISH	FIXTURE OPTIONS	CONTROLS ³
0 - None FSB - Factory Select Battery FSG - Factory Select ALCR GI - Iota ETS DR GB - Bodine GTD 1PLL - Bodine 10W <i>Battery & Emergency pg. 4</i>	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 (wired) ENLI - Enlighted IOT (remote) ENLC - Enlighted Connected Lighting (remote) <i>Controls pg. 5</i>

¹When 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. ²Example: 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". 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.





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Shielding

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

Direct Shielding

A	AL	AR	Indirect Shielding
Flush Satine Lens	Drop Satine Lens	Regress Satine Lens	Clear Lens Overlay
			

Direct 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
830LO	3000K	2325	20.0	116
830MO	3000K	3742	31.9	117
830HO	3000K	5121	45.3	113
835LO	3500K	2408	20.0	120
835MO	3500K	3924	31.9	123
835HO	3500K	5439	45.3	120
840LO	4000K	2523	20.1	126
840MO	4000K	4068	32.1	127
840HO	4000K	5601	45.7	122

90 CRI

927LO	2700K	1888	20.1	94
927MO	2700K	3044	32.0	95
927HO	2700K	4177	45.5	92
930LO	3000K	2013	20.1	100
930MO	3000K	3250	32.0	101
930HO	3000K	4469	45.5	98
935LO	3500K	2013	20.1	100
935MO	3500K	3250	32.0	101
935HO	3500K	4469	45.5	98
940LO	4000K	2120	20.0	106
940MO	4000K	3413	32.0	107
940HO	4000K	4680	45.6	103



Indirect Source: White LED

- Specify either 80 or 90 CRI
- Longer lead-time may apply for 90 CRI. Consult factory
- 90 CRI = R9≥50
- Indirect has clear lens overlay

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	LO Clear Lens Overlay	
			Watts	LPW
830LO	3000K	2109	15.2	139
830MO	3000K	3101	22.1	140
830HO	3000K	4053	29.4	138
835LO	3500K	2197	15.2	145
835MO	3500K	3236	22.1	147
835HO	3500K	4236	29.4	144
840LO	4000K	2257	15.2	149
840MO	4000K	3319	22.1	150
840HO	4000K	4309	29.4	147

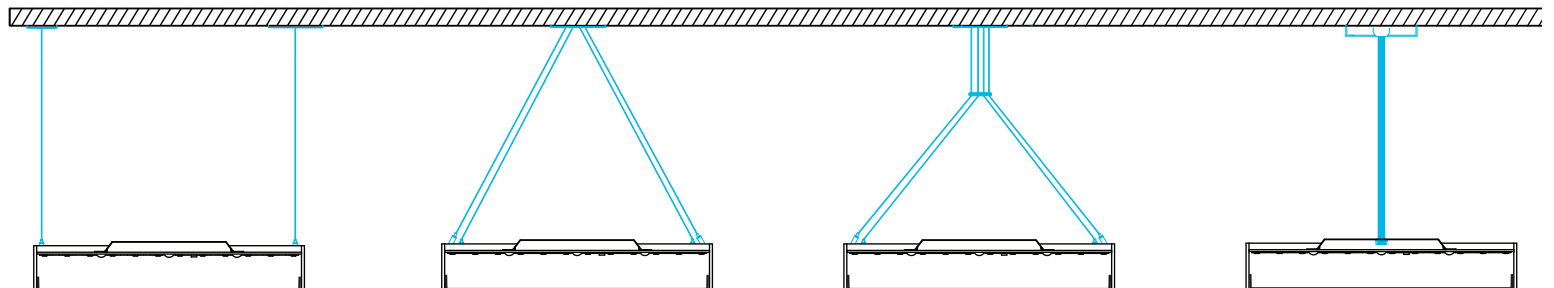
90 CRI

927LO	2700K	1747	15.2	115
927MO	2700K	2569	22.1	116
927HO	2700K	3336	29.4	113
930LO	3000K	1839	15.2	121
930MO	3000K	2705	22.1	122
930HO	3000K	3512	29.4	119
935LO	3500K	1839	15.2	121
935MO	3500K	2705	22.1	122
935HO	3500K	3512	29.4	119
940LO	4000K	1956	15.2	129
940MO	4000K	2877	22.1	130
940HO	4000K	3736	29.4	127

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 30 lbs

AS4__JB 4 AC cables straight, fixture to J-Box	AC4__JB 4 AC cables, center mount, fixture to J-Box	AH4__JB 4 AC cables with hub, fixture to J-Box	PP__JB Pendant Pipe to J-Box
AS4__ST 4 AC cables straight, fixture to Structure	AC4__ST 4 AC cables, center mount, fixture to Structure	AH4__ST 4 AC cables with hub, fixture to Structure	PS__JB Pendant Swivel to J-Box
			PP__ST Pendant Pipe to Structure
			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

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	Osram Optotronic, 1%, 0-10v
OL4	Osram 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	Osram Optotronic 1%, DEXAL
OD2	Osram 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	
OD1	Osram 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
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: 1-1P
- Emergency circuit only, 10w integral battery Ordering Code: E-1P

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LF14DI_SUSPENDED_SPEC_APRIL2023



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 <i>(white cord/white canopy)</i>
S	Metallic Silver <i>(grey 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: 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 fabricated diffuse acrylic lens creating a fully luminous fixture.

Mounting: Aircraft cable and Pendant. Aircraft Cable and pendant supplied with 5" (127mm) canopies. Refer to installation instructions for appropriate ceiling detail. Maximum fixture weight is 30 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.

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: 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. Approved for dry/damp location unless otherwise noted.

Fixture Weight: 30 lbs maximum.

Buy American Act Compliant

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