

Museum Collection Advantage Series

Job Name:

Fixture Type:

LED 10° to 30° Zoom

A01



Specify:

 - - - - -

FIXTURE MODEL	LUMENS	ADAPTER	VOLTAGE	CRI	CCT	FINISH
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Example:

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This Litelab fixture features a proprietary 10 to 30 degree optic for precision variable focus. The ultra-high-efficiency LED allows maximum light output from a small fixture. The CREE CXB engine is available in an architectural range of color temperatures and produces high CRI and R9 values.

LUMEN OPTIONS	CRI /CCT COLOR TEMP OPTIONS	INPUT REQUIREMENTS
L1550 1560 lumens	93 30 93 CRI/3000°K	120VAC/50-60Hz: 21.6w/0.18A
L1650 1677 lumens	93 35 93 CRI/3500°K	230VAC/50-60Hz: 23.0w/0.10A
L1900 1930 lumens	80 30 80 CRI/3000°K	
L1900 1930 lumens	80 35 80 CRI/3500°K	
L1200 1200 lumens	93 30 93 CRI/3000°K	120VAC/50-60Hz: 16.8w/0.14A
L1250 1290 lumens	93 35 93 CRI/3500°K	230VAC/50-60Hz: 20.7w/0.09A
L1450 1485 lumens	80 30 80 CRI/3000°K	
L1450 1485 lumens	80 35 80 CRI/3500°K	

Features & Benefits

Fixture Description

Single piece die-cast aluminum fixture body allows for high efficiency passive cooling. Deep regressed LED and optic designed for maximum glare control. Telescoping accessory holder allows for precision tool-less variable 10° to 30° focus.

Flush Fit adapter with Rotation Lock *

Adapter plugs into Busway with separate electrical and mechanical connections. Supplied with standard thumb wheel rotation lock. An optional switch is available and other standard Litelab fitters are available.

Zoom Mechanism

Allows the beam to be adjusted from 10° to 30° without tools.

Accessory Cartridge

Holds up to two accessories—including a range of lenses, filters and louvers.

Lenses & Accessories**

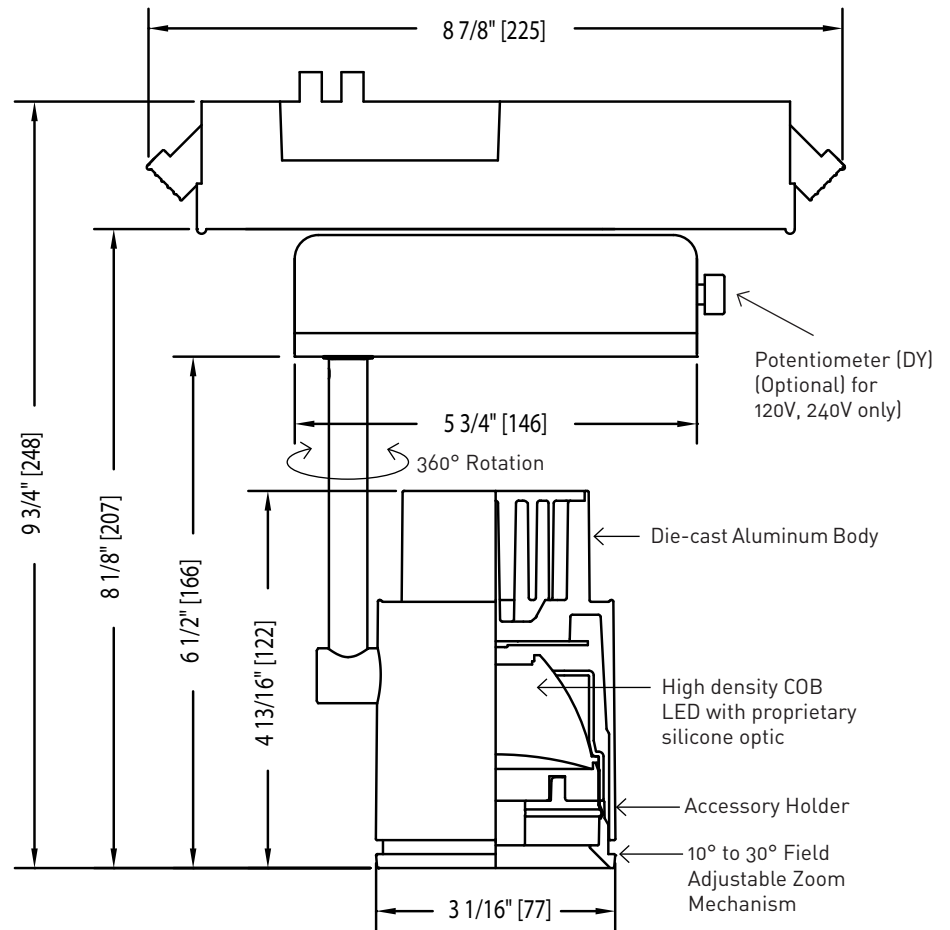
Standard clear lenses are available in 55° x 75°, 5° x 30° and 5° x 55° optical patterns. Photo etched light blocking screens and beam softener lens are also available. Accessory code shall be "g."

Finishes

Available in white, black and custom finish.

Dimming

This fixture is provided with an LED Driver suitable for trailing edge dimming. Dimming performance may vary based on dimmer model or system being used. If exact performance is required, Litelab recommends testing the Litelab fixture and specified dimmer. Fixtures specified with an on-board dimmer are not to be used on dimming circuits.



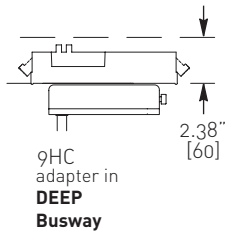
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*Covered under one or more of the following patents: US: 8,740,421 B2, D499, 698, D389,012, Republic of China: D149,379, People's Republic of China: ZL 201130358013.3, European Union: RCD #001920356-0001. Additional patents pending. **See fittings and accessories page for mounting options and accessories.

ADAPTERS

BUSRUN

adapter code	on-off switch	on-board dimmer w/ on-off switch	rotation lock*	voltage
	optional	optional	standard	



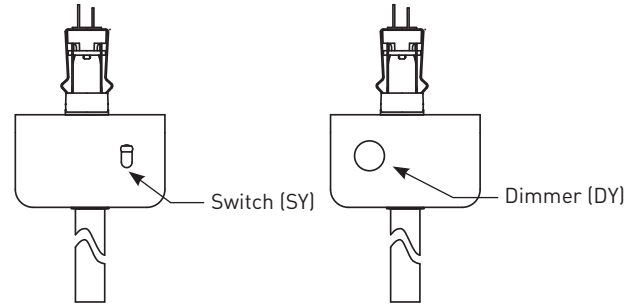
9HC -SY -DY-SY -RL -A
fused Lock n Hide fitter with integral driver for use with **Deep 120V BusRun** busway

9HC -SY -DY-SY -RL -D
fused Lock n Hide fitter with integral driver for use with **Deep 240V BusRun** busway

9HC -SY -DY-SY -RL -A
fused plug-in fitter with integral driver for use with **Deep 120V BusRun** busway

9HC -SY -DY-SY -RL -D
fused plug-in fitter with integral driver for use with **Deep 240V BusRun** busway

DY-SY FITTER DETAIL



(Side view of fitter)

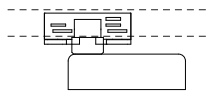
(Side view of fitter)

* When DY-SY option is specified, RL rotation lock feature is not available. Fixtures specified with an on-board dimmer are not to be used on dimming circuits.

EU TRACK (120V, 240V)

2-3 Circuit

adapter code	data bus contacts	on-board dimmer w/ on-off switch	voltage
	optional	optional	



E2 DB -DY-SY -A
track adapter for use with 2-circuit Eutrac

E3 DB -DY-SY -D
track adapter for use with 3-circuit Eutrac

- When specifying data bus contacts, indicate control protocol.
- Data bus contacts cannot be used on fixture with an on-board dimmer.
- Fixtures with an on-board dimmer are not to be used on dimming circuits.

ACCESSORIES

Spread Lenses

Linear Spread
OL- 5° x 30°-g
OL- 5° x 55°-g

Universal Spread
OL- 55° x 75°-g

Beam Softener
OL-SF-g
OL-L10P1-g
polycarbonate film

Screens

Light Block Screen
B-15N/g

Photo-etched, 15% light-blocking screen. Accepts up to 5 for 30%, 45%, 60% or 75% (maximum)

Louvers
LVH/g

REFLECTORS

10° to 30° Adjustable Beam Spread

FINISHES

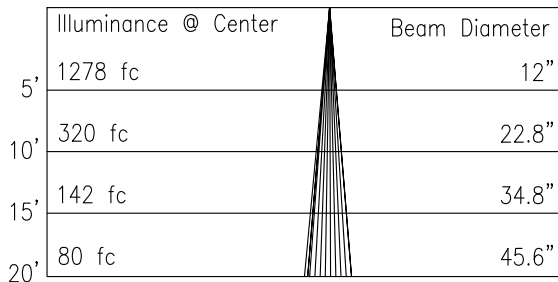
Consult with Litelab for other finishes

- P** White
- MB** Black
- CP** Custom Finish

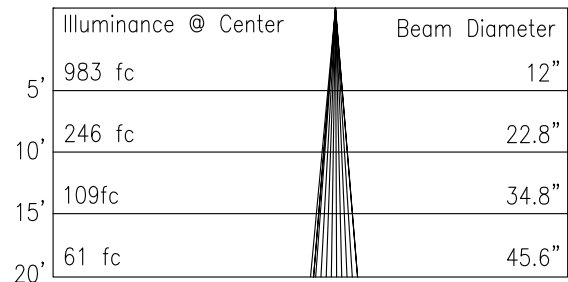
CORD & PLUG OPTIONS

Consult factory.

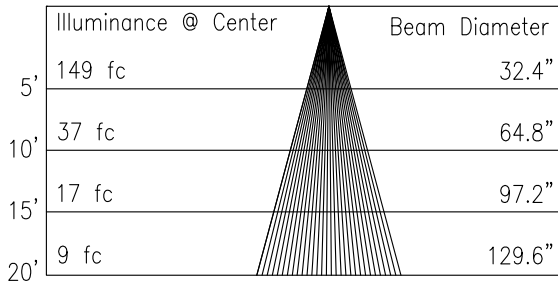
A01L1550 10° Setting



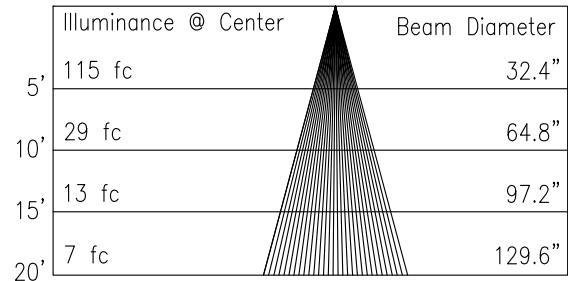
A01L1200 10° Setting



A01L1550 30° Setting



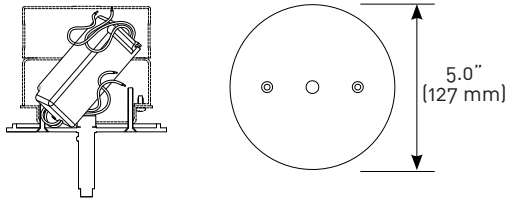
A01L1200 30° Setting



ADAPTERS

CANOPY WITH POWER SUPPLY (120V, 277V, 240V)

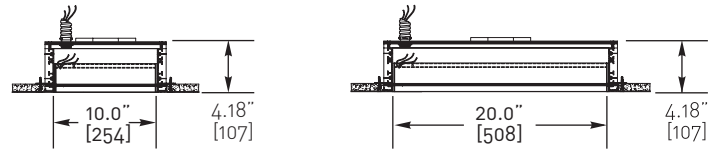
- 3L-A 120V
- 3L-D 240V



5" (127mm) diameter x 1/4" (6mm) height machined canopy with electronic low-voltage power supply. (Junction box and raised mud ring not included.)

The number of electrical boxes shown is for reference only, and is the minimum required to fit the power supply indicated. Add extension boxes as necessary to meet the volume requirement based on wire fill as defined by National Electrical Code, Article 314.

BUSPOINTS

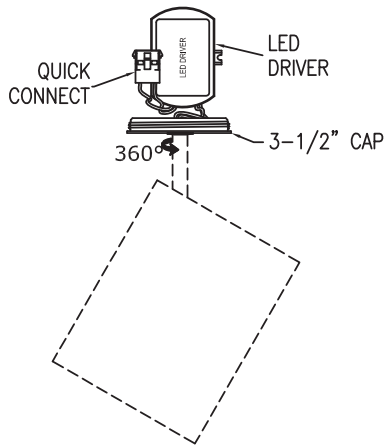


- BP1-08-1A-10** 120V
- BP1-08-3D-10** 240V

- BP1-08-1A-20** 120V
- BP1-08-3D-20** 240V

3-1/2" QUICK CONNECT CANOPY

3-1/2" canopy voltage



- 5L-A 120V
- 5L-D 240V

QC-5K kit is required with -5L fixture.

3-1/2" QUICK CONNECT FLANGE KIT

QC-5K kit for use with -5L fixture.

