



# 51L LINEAR

## SPECIFICATION SHEET

### OVERVIEW

Architectural luminaires proudly built in America since 1935. The 51L series is a linear data center aisle light available in lengths from 1'-8' in single fixture or join-able for continuous row runs with our rapid quick connect that cuts install time by up to 80%. Three standard lumen packages available with custom capabilities as well up to 1200 lumens per foot. Standard finish is satin anodized with powder coat white or black options available upon request. Hot aisle compatible up to 131°F.

### KEY FEATURES

- **BABA Compliant**  
Hand crafted in California
- **L70>72,000 hours**  
High quality electrical components
- **Quick Connect**  
Mount in 80% less time
- **Hot Aisle Compliant 55°C**  
Integral Driver
- **115 Lumens per watt**  
Efficient performance delivered

### DETAILS

#### 01 Housing

Extruded aluminum body .060 minimum thickness, powder coated or anodized finish. Extruded rugged high impact polycarbonate lens. Designed for continuous row runs.

#### 02 Electrical

Integral 120/277V driver standard. Through wiring standard. Integral battery backups are also available. Multi-circuit options, 0-10V dimming optional.

#### 03 LED Array

High quality Samsung chips, delivering 115 lumens per watt on the system level, mounted on an aluminum heatsink for optimal thermal management.

#### 04 Mounting options

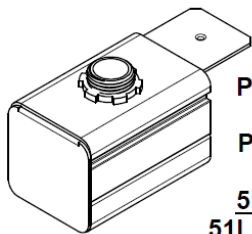
Surface(ceiling or wall) mount / strut hanger / Tate or Gordon grid / 3/8 and 5/8 all thread hangers. Single tool Installation. Quick connect.



# BUILD A PART NUMBER

• SERIES	• LIGHT OUTPUT	• CCT	• LENGTH IN INCHES	• WIRING PATTERN	• OPTIONS
• 51L					
• 51L	<ul style="list-style-type: none"> <li>• N NORMAL</li> <li>• H HIGH</li> <li>• V VERY HIGH</li> </ul>	<ul style="list-style-type: none"> <li>• 30K</li> <li>• 35K</li> <li>• 40K</li> <li>• 50K</li> </ul>	<ul style="list-style-type: none"> <li>• 24</li> <li>• 36</li> <li>• 48</li> <li>• 60</li> <li>• 72</li> <li>• 84</li> <li>• 96</li> </ul>	<ul style="list-style-type: none"> <li>• -0</li> <li>• -1</li> <li>• -3</li> <li>• -10**</li> <li>• -11**</li> <li>• -12**</li> </ul>	<ul style="list-style-type: none"> <li>• D11: 1% 0-10V DIMMING</li> <li>• EM : 10W INTEGRAL BATTERY</li> <li>• OCC: PIR OCCUPANCY SENSOR</li> <li>• NXSPL: HUBBELL PIR OCCUPANCY/ DAYLIGHT SENSOR</li> <li>• QC: QUICK CONNECT</li> </ul>

- RELATED COMPONENTS ORDERED SEPERATELY
- NOTE: TYPICALLY 2 HANGERS RECOMMENDED PER FIXTURE / 1 BLANK AND 1 FEED PER ROW



Top Feed Assembly  
Part No. (For use w/ wire nuts):51L01A

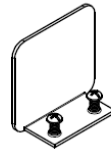
Part Nos. (For use w/ Quick Connects)

51L01A-0 (Use w/ wire pattern -0)

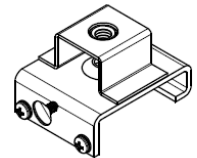
51L01A-1/3 (Use w/ wire pattern -1 or -3)

51L01A-11/12 (Use w/ wire pattern -11 or -12)

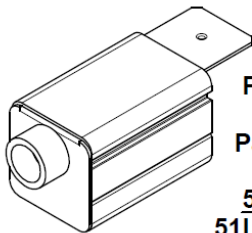
51L01A-13/14/15 (Use w/ wire pattern -13, 14 or -15)



Part No. 5110B  
Blank End



Part No. 5102-3/8D or 5102-5/8D  
3/8" or 5/8" Drop Rod hanger  
Non Insulated



End Feed Assembly  
Part No. (For use w/ wire nuts):51L01

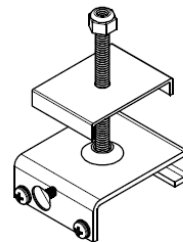
Part Nos. (For use w/ Quick Connects)

51L01-0 (Use w/ wire pattern -0)

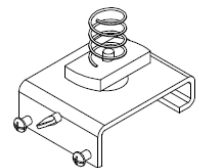
51L01-1/3 (Use w/ wire pattern -1 or -3)

51L01-11/12 (Use w/ wire pattern -11 or -12)

51L01-13/14/15 (Use w/ wire pattern -13, 14 or -15)



Part No. 5102-3  
Aux Bar Hanger  
Non Insulated



Part No. 5102U  
Strut hanger  
Non Insulated

## CERTIFICATION / WARRANTY



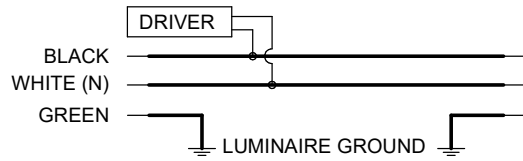
ETL Listed for dry  
or damp locations



# Wiring pattern options

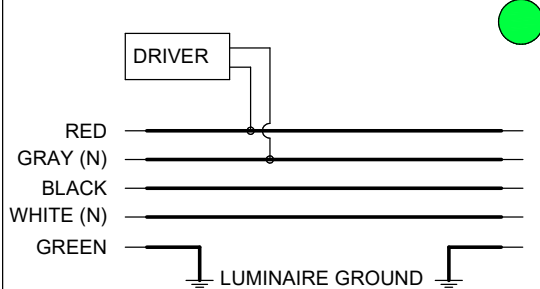
## WIRING PATTERN -0

1 CIRCUIT, DRIVER CONNECTED TO THE BLACK AND WHITE WIRES



## WIRING PATTERN -1

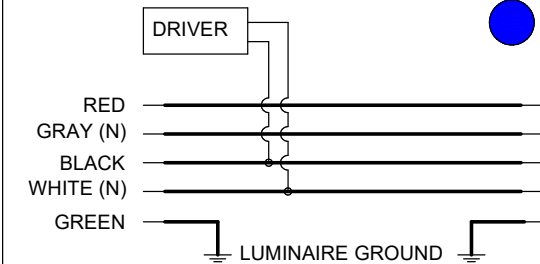
2 CIRCUIT, DRIVER CONNECTED TO THE 'A' CIRCUIT (RED AND GRAY WIRES) NON DIMMING



**SUITABLE PAIR**

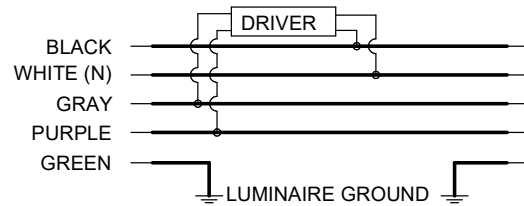
## WIRING PATTERN -3

2 CIRCUIT, DRIVER CONNECTED TO THE 'B' CIRCUIT (BLACK AND WHITE WIRES) NON DIMMING



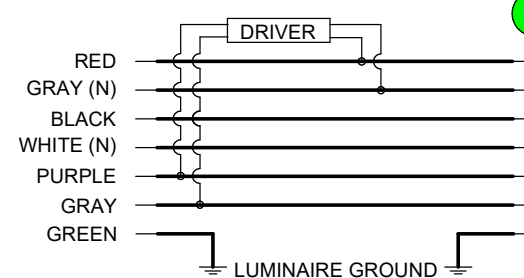
## WIRING PATTERN -10

1 CIRCUIT, DRIVER CONNECTED TO THE BLACK AND WHITE WIRES + GRAY PURPLE WIRES FOR 0-10V DIMMING.



## WIRING PATTERN -11

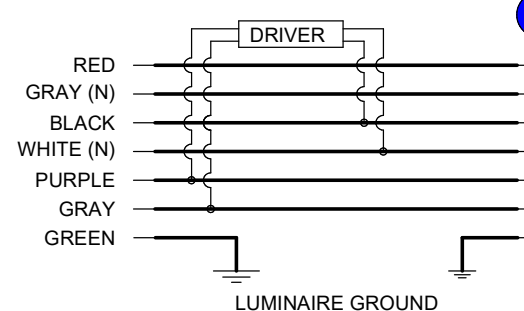
2 CIRCUIT, DRIVER CONNECTED TO THE 'A' CIRCUIT (RED AND GRAY WIRES) INCLUDES GRAY AND PURPLE WIRES FOR 0-10V DIMMING.



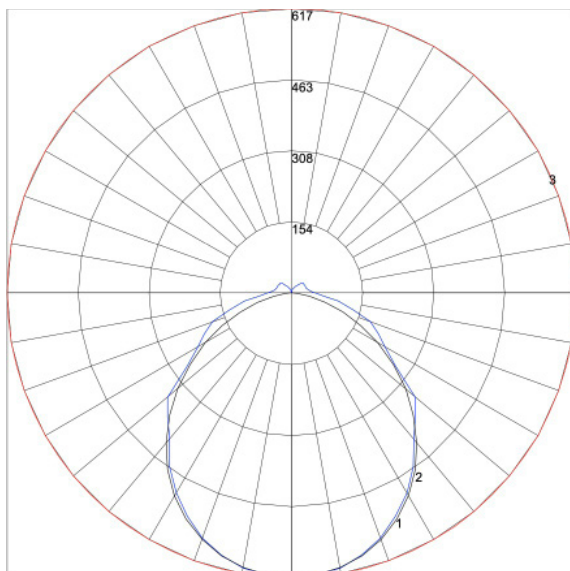
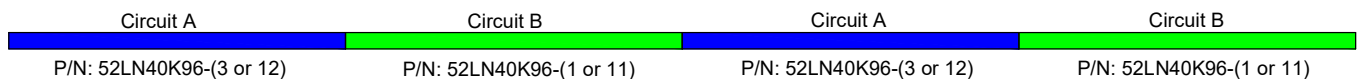
**SUITABLE PAIR**

## WIRING PATTERN -12

2 CIRCUIT, DRIVER CONNECTED TO THE 'B' CIRCUIT (BLACK AND WHITE WIRES) INCLUDES GRAY AND PURPLE WIRES FOR 0-10V DIMMING.



Example layout of dual circuit continuous row aisle



• OAL LENGTH	• FIXTURE WATTAGE	• LUMENS
• 24" NORMAL	• 7.7	• 889
• 48" NORMAL	• 15.9	• 1873
• 96" NORMAL	• 31.8	• 3746
• 24" HIGH	• 10.8	• 1245
• 48" HIGH	• 22.25	• 2623
• 96" HIGH	• 44.52	• 5245
• 24" VERY HIGH	• 14.25	• 1638
• 48" VERY HIGH	• 28.5	• 3277
• 96" VERY HIGH	• 56.9	• 6544

• [IES File link](#) • [installation instructions link](#) • 51L-CUT-25A

CONTACT US!

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