



52L LINEAR

SPECIFICATION SHEET

OVERVIEW

Architectural luminaires proudly built in America since 1935. The 52L series is a linear luminaire specifically designed for data centers and central offices aisles.

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 85%. Three standard lumen packages available with custom capabilities as well up to 1800 lumen's per foot. Standard finish is satin anodized with powder coat white or black options available upon request. Hot aisle compliant up to 131°F (55°C).

KEY FEATURES

- **BABA Compliant**
Hand crafted in California
- **L70>72,000 hours**
High quality electrical components
- **80+ CRI Standard**
High definition color rendering
- **Hot aisle Compliant 55° C**
Integral Driver
- **124+ Lumens per watt**
Efficient performance delivered

DETAILS

01 Housing

Extruded aluminum body .060 minimum thickness, anodized finish standard, powder coat optional. Extruded high diffusion acrylic lens. Aluminum end caps with no visible fasteners.

02 Electrical

Integral 120/277V driver standard. Multiple circuit options, 1% 0-10V dimming optional. Integral battery backups are also available. FCC CFR Title 47 Part 15 Class A at 120 & 277 Vac.

03 LED Array

High quality Samsung chips, delivering 124+ 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 quick connect hangers. Single tool Installation.

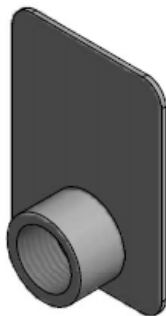


BUILD A PART NUMBER

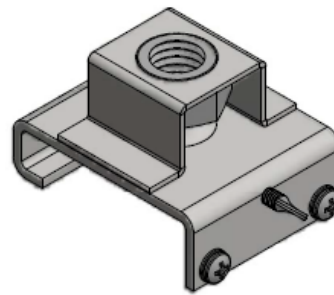
• SERIES	• LIGHT OUTPUT	• CCT	• LENGTH IN INCHES	• WIRING PATTERN	• OPTIONS
• 52L					
• 52L	• N NORMAL • H HIGH • V VERY HIGH • Custom (specify lumens)	• 30K • 35K • 40K • 50K	• 24 • 36 • 48 • 60 • 72 • 84 • 96	• -0 • -1 • -3 • -10** • -11** • -12**	• D11: 1% 0-10V DIMMING • EM : 10W INTEGRAL BATTERY • OCC: PIR OCCUPANCY SENSOR • NXSP: HUBBELL PIR OCCUPANCY/ DAYLIGHT SENSOR

• RELATED COMPONENTS ORDERED SEPERATELY

• NOTE: TYPICALLY 2 HANGERS RECOMMENDED PER FIXTURE / 1 BLANK AND 1 FEED PER ROW



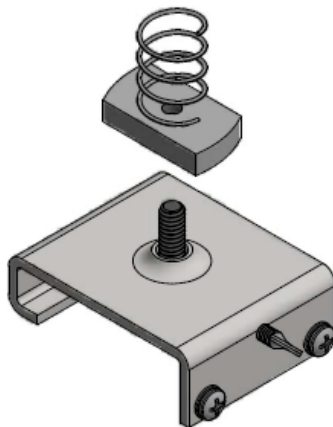
P/N: 52L01
Feed end cap w/
1/2" threaded hub



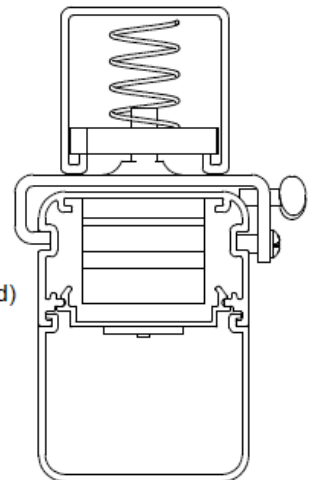
P/N: 5202-3/8D or 5202-5/8D
hanger bracket for 3/8 or 5/8
all-thread drop rod



P/N: 5210B
Blank end cap



P/N: 5202U
Strut hanger
(Left: whats included)
(Right: how it looks installed)



CONTACT US!

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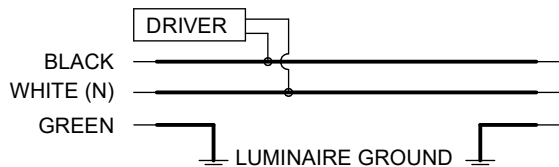


• 52L-CUT-24c

Wiring pattern options

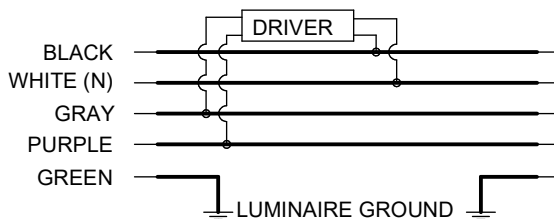
WIRING PATTERN -0

1 CIRCUIT, DRIVER CONNECTED TO THE BLACK AND WHITE WIRES



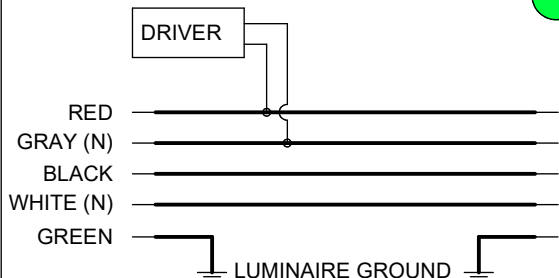
WIRING PATTERN -10

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



WIRING PATTERN -1

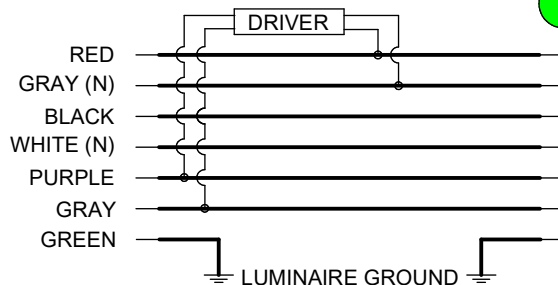
2 CIRCUIT, DRIVER CONNECTED TO THE 'A' CIRCUIT (RED AND GRAY WIRES) NON DIMMING



SUITABLE PAIR

WIRING PATTERN -11

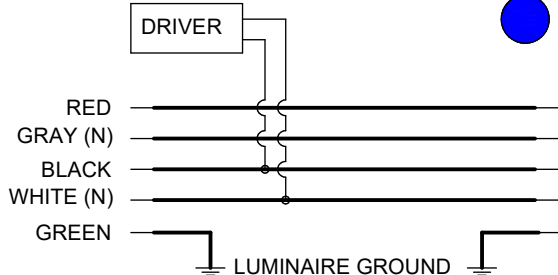
2 CIRCUIT, DRIVER CONNECTED TO THE 'A' CIRCUIT (RED AND GRAY WIRES) INCLUDES GRAY AND PURPLE WIRES FOR 0-10V DIMMING.



SUITABLE PAIR

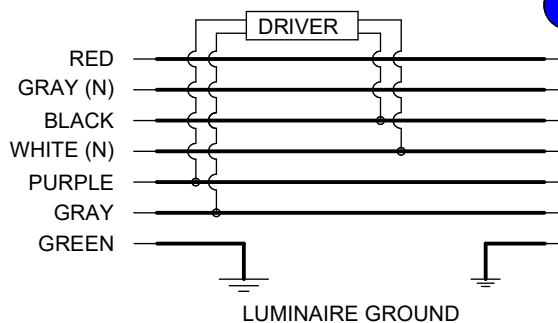
WIRING PATTERN -3

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

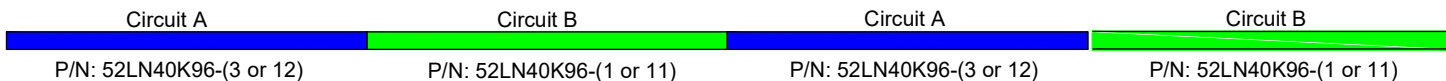


WIRING PATTERN -12

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

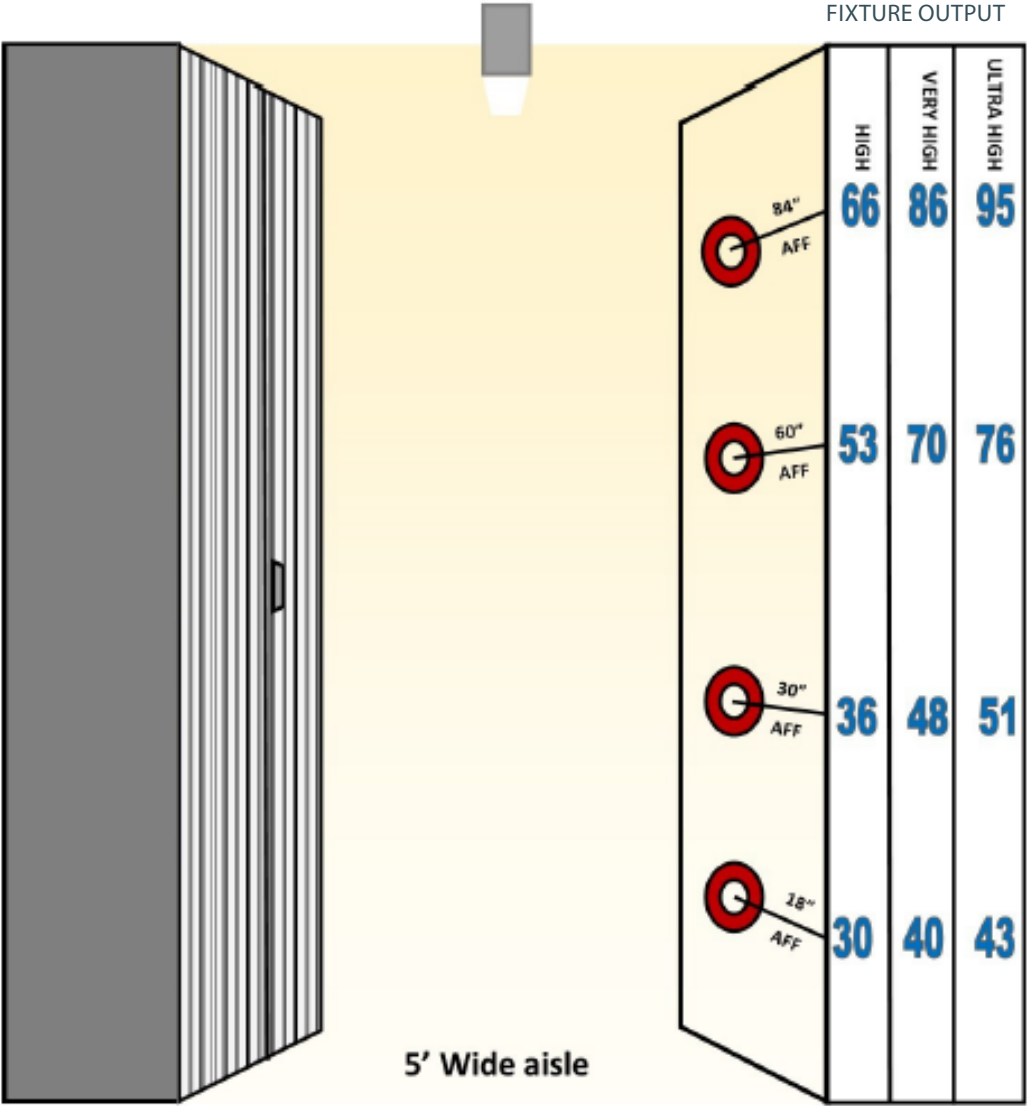


Example layout of dual circuit continuous row aisle



• LIGHT OUTPUT SELECTION GUIDE

- 9' LUMINAIRE MOUNTING HEIGHT
- FOOT CANDLES BY
FIXTURE OUTPUT



• ADVANCED OPTICAL DESIGN
RESULTS IN MORE EVEN
ILLUMINATION OF YOUR CABINETS
FROM TOP TO BOTTOM THAN THE
COMPETITION

• CONSULT FACTORY FOR FOOT
CANDLE MEASUREMENTS ON
LUMINAIRE MOUNTING HEIGHTS UP
TO 12'

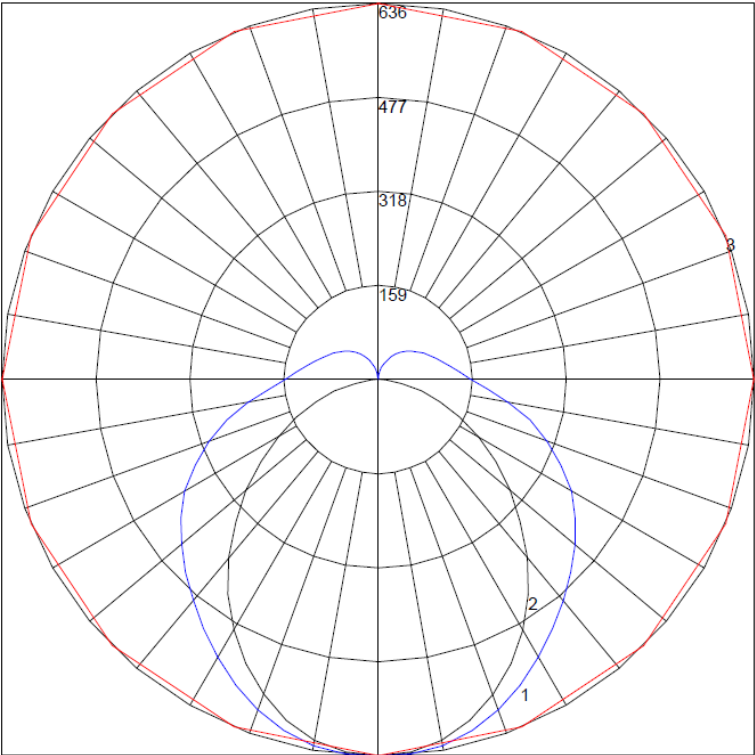
CERTIFICATION / WARRANTY



ETL Listed for dry
or damp locations



PHOTOMETRIC PERFORMANCE



OAL LENGTH	FIXTURE WATTAGE	LUMENS
24" NORMAL	10	1233
48" NORMAL	20	2466
96" NORMAL	40	4932
24" HIGH	14	1733
48" HIGH	28	3466
96" HIGH	56	6932
24" VERY HIGH	19.4	2314
48" VERY HIGH	38.8	4628
96" VERY HIGH	77.6	9256
48" CUSTOM	39.6	4700

- [IES File link](#)
- [installation instructions link](#)