

Direct or Indirect Pendant

Type:

Project:

Catalog Number:

DO NOT TYPE HERE. Autopopulated field.

Technical Drawing

SLOT4 LED DIRECT OR INDIRECT PENDANT 07/03/18

Specification Features (continued)

LED Components

Linear: Nichia®- 757 series LED chips (>80 CRI)

LED Life

Rated 55,000 hours (L80) at 25° C ambient temperature.

Color Consistency

The Acuity Brands circuit boards for the linear LED components use a precise binning algorithm which creates a consistent color temperature from board to board. The color a variation of no greater than a 2.5 Step MacAdam (2.5SDCM) along the black body locus from board to board.

Driver

eldoLED constant current driver options deliver choice of dimming range for ultra-smooth dimming resolution from 100% to less than 1% , and choices for control, while assuring flicker free, low current inrush, 89% efficiency and low EMI.

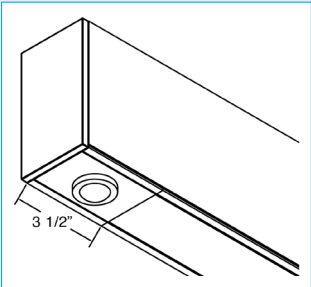
Slot LED Drivers

Driver Options	Dimming Protocol	Dimming Range	Integrated Controls
EOHN	Non-dimming	----	----
EZB	0 -10v	100 to 0.1%	----
EDAB	Dali	100 to 0.1%	----
ENCB*	0 -10v	100 to 0.1%	nLight
ENNB*	0 -10v	100 to 0.1%	nLight with generator supplied EM power
EESB*	0 -10v	100 to 0.1%	Lutron EcoSystem interface

*Integral driver with remote mounted nLight or EcoSystem interface, consult factory for mounting options.

Integrated Controls

Optional nLight® integrated controls make Slot LED luminaires addressable-allowing them to digitally communicate with other nLight enabled controls such as dimmers, switches, occupancy sensors and photocontrols. Simply connect all the nLight enabled control devices using standard CAT5 Cabling.



Occupancy Sensor (MSD9N) and/or Photocell (DSCC)

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

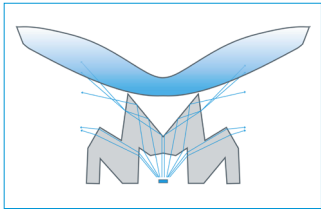
- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a shaded background*
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.

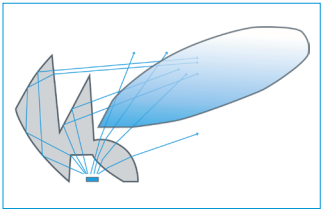
*See ordering tree for details

Optics

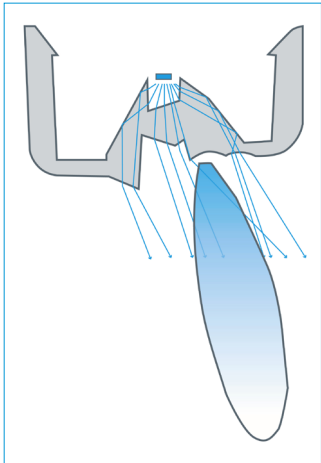
Slot LED's patent-pending, precision lumen DIRECTIR optics condition and refract light to deliver accurately controlled, striation-free, and uniform white light. All lumen DIRECTIR optics are injection-molded, optical grade, UV-resistant acrylic with selective finishing/polishing treatment.



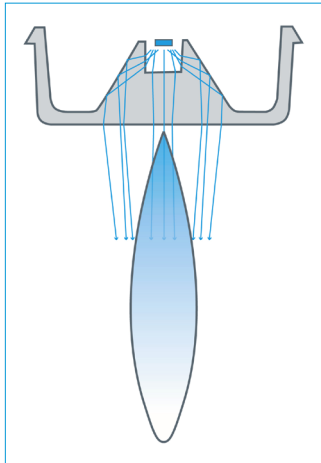
Batwing (BW)



Asymmetric (half batwing) (AS)



Wall Wash (WW)



Wall Graze (WG)

Certification

CSA Certified to meet U.S. and Canadian standards, assembled in the USA.

Warranty

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application.

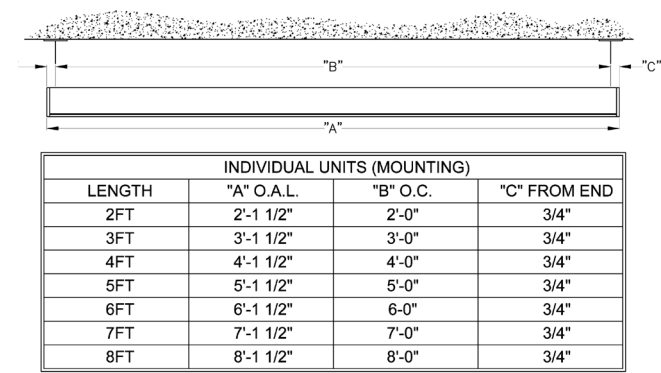
All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

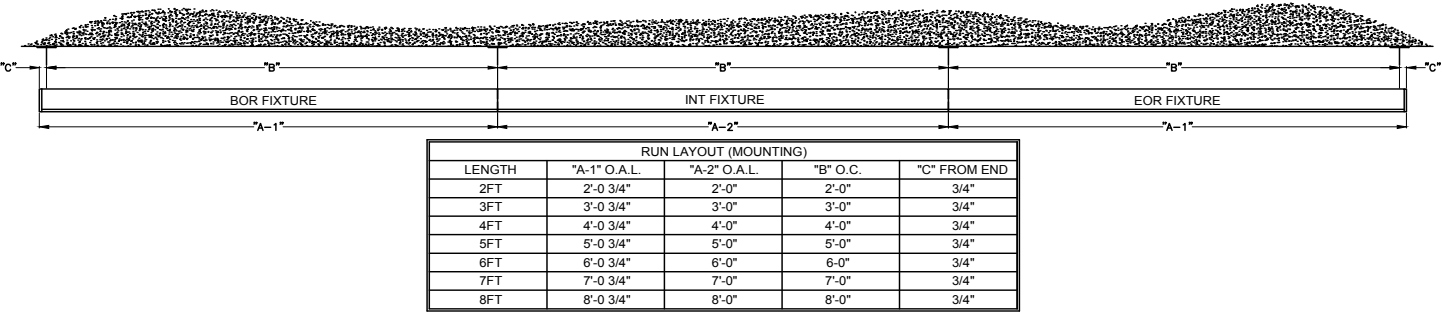
Photometry

For photometric information refer to www.marklighting.com.

Individual Fixture Configurations



Run Configurations

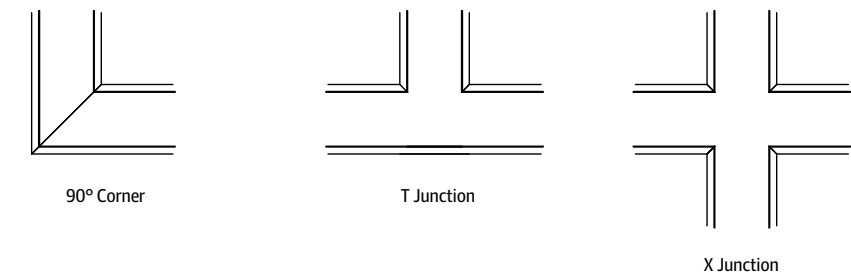


Continuous Runs

Slot 4 LED continuous rows can be configured in 1' increments and featuring the AEL precision joiner to create a hairline seam between luminaires, providing a monolithic visual aesthetic. (see AEL joiner information on page 5). For custom run lengths less than a 1' increment, consult factory.

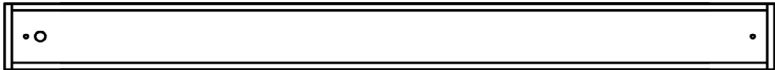
Run Patterns, Corners and Junction

Slot 4 LED patterns be configured in 1' increments with illuminated 90° inside and outside corners, T junctions, and X junctions with standard 2' corner and junction lengths. For custom angles, corner or junction lengths, consult factory.

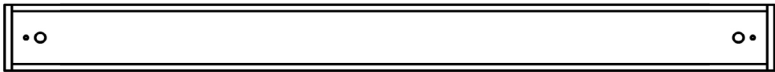


Feed Point Locations

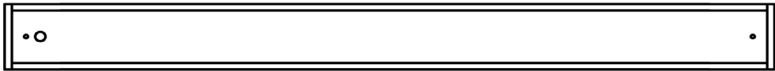
- Non- Power Feed Point/Aircraft Cable
- Power Feed



Direct with No Downlight, Dimming or Non-Dimming



Direct with Downlight, Dimming or Non-Dimming*



Indirect with No Downlight, Dimming or Non-Dimming

*Downlights are supplied with a dedicated feed-point and will be controlled separately.

Downlights

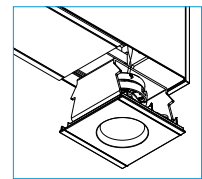
Optional downlights powered by Xicato Spot Modules are available with 4', 5', 6', and 8' length luminaires, maximum (2) Xicato downlights per length. Each downlight module is 10W with 700 lumens delivered. Downlights are supplied with a dedicated feed-point and will be controlled separately.



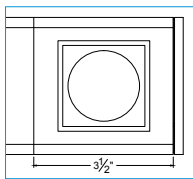
Standard Downlight Location



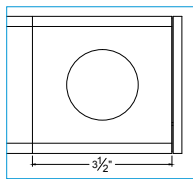
Other Downlight Configuration (consult factory)



Downlight Module

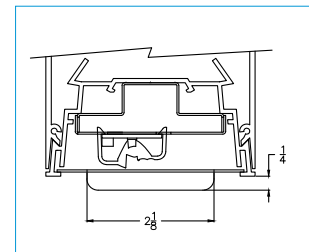


Square Downlight Plate (SQ)

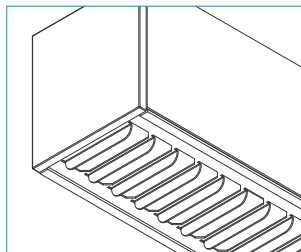


Round Downlight Plate (RD)

Wall Wash and Wall Graze Shielding

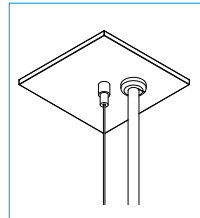


Cross Section

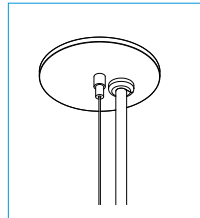


Louver - Painted to Match Housing

Single Feed Points

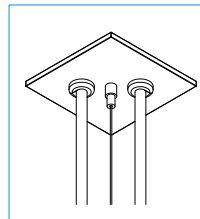


5" Square

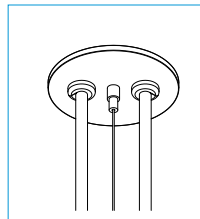


5" Round

Double Feed Points

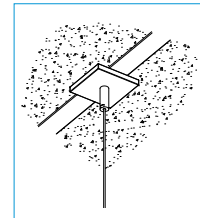


5" Square

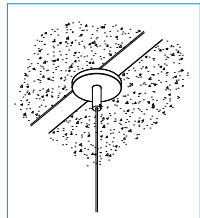


5" Round

Non-Feed Points for T-Bar Mounting



2" Square



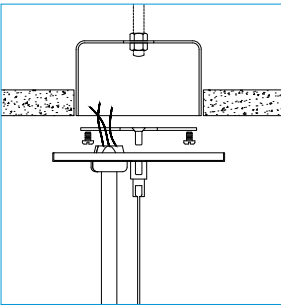
2" Round

Refer to page 5 for mounting details.

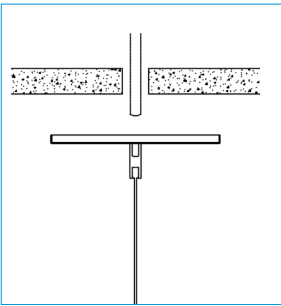
Mounting

Recessed in sheetrock ceiling; rod mounted to structure. Consult factory for other ceiling types or canopy options. Aircraft Cables are standard 6ft lengths, canopy's are standard white.

Drywall Ceiling (CRD, CSQ, WRD, WSQ)

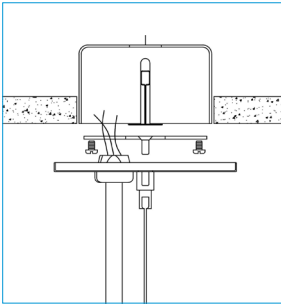


Power Feed 5" Canopy

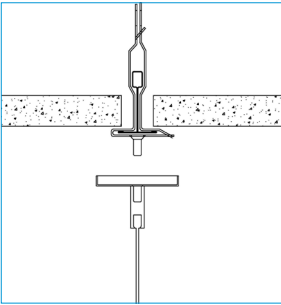


Non Power Feed 5" Canopy

Ceiling T Mount (CTD, CTQ, WTD, WTQ)



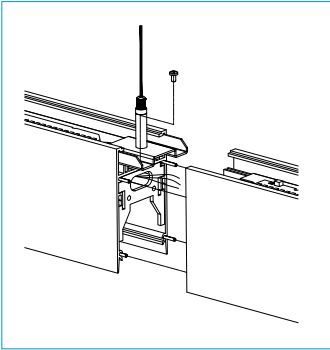
Power Feed 5" Canopy



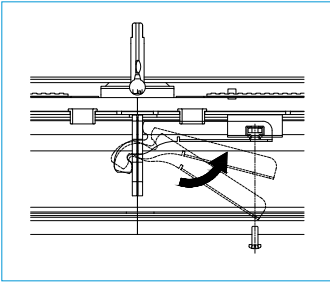
Non Power Feed 2" Canopy

Joiners

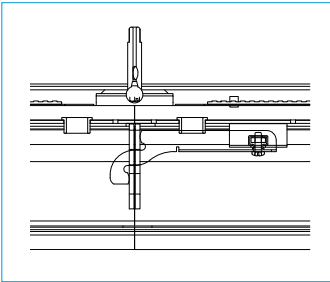
AEL Precision Row-Mount 3-step fixture-to-fixture connection method



Step 1: Align



Step 2: Engage



Step 3: Lock