



F L U T E



INTRO

Flute shapeshifts the traditional block form factor into a cutting-edge cyber style. The fluting along the flank emits a side glow that radiates an electrifying detail and provides a lightweight appearance to an already compact form factor. The hourglass contour jacks up profile design with an aerodynamic quality. Flute is the optimal complement for tech-age modern design and interiors with intricate detailing.





Unique Profile Design

Performance linears need not be stark. Flute brings a fresh new look to linear profile design for spaces that require on-trend materials from floor to ceiling.

Visual Comfort

The direct light uses the Comfort lens for a softer and more even distribution of light. Our powerful Batwing optic with a 120° beam is available for indirect light which contributes to the ambient illumination with minimal glare.

High Efficacy

Flute delivers up to 142 lumens per watt. Designers can select the lumen package most appropriate for the desired effect without over or underlighting.

Bespoke

Build a luminaire specifically suited to the space requirements. Designers are presented with several options for each component including lumen package, color attributes, light distribution, mounting systems, and open-source control systems.



Illuminated Reveal

An illuminated reveal creates a side glow that upgrades the familiar box style with an electrifying detail.





Halation Effect

The halation effect from the illuminated reveal adds an energetic aura that brings a lightweight aesthetic to an already compact form factor.

Hourglass Profile

The hourglass contour jacks up profile design with an aerodynamic quality.

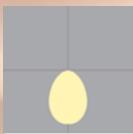


Linear Optics



Clear Lens - Batwing (Uplight)

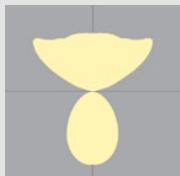
120° beam provides even distribution on the ceiling and contributes to the ambient light with the least amount of glare.



Comfort Lens (Downlight)

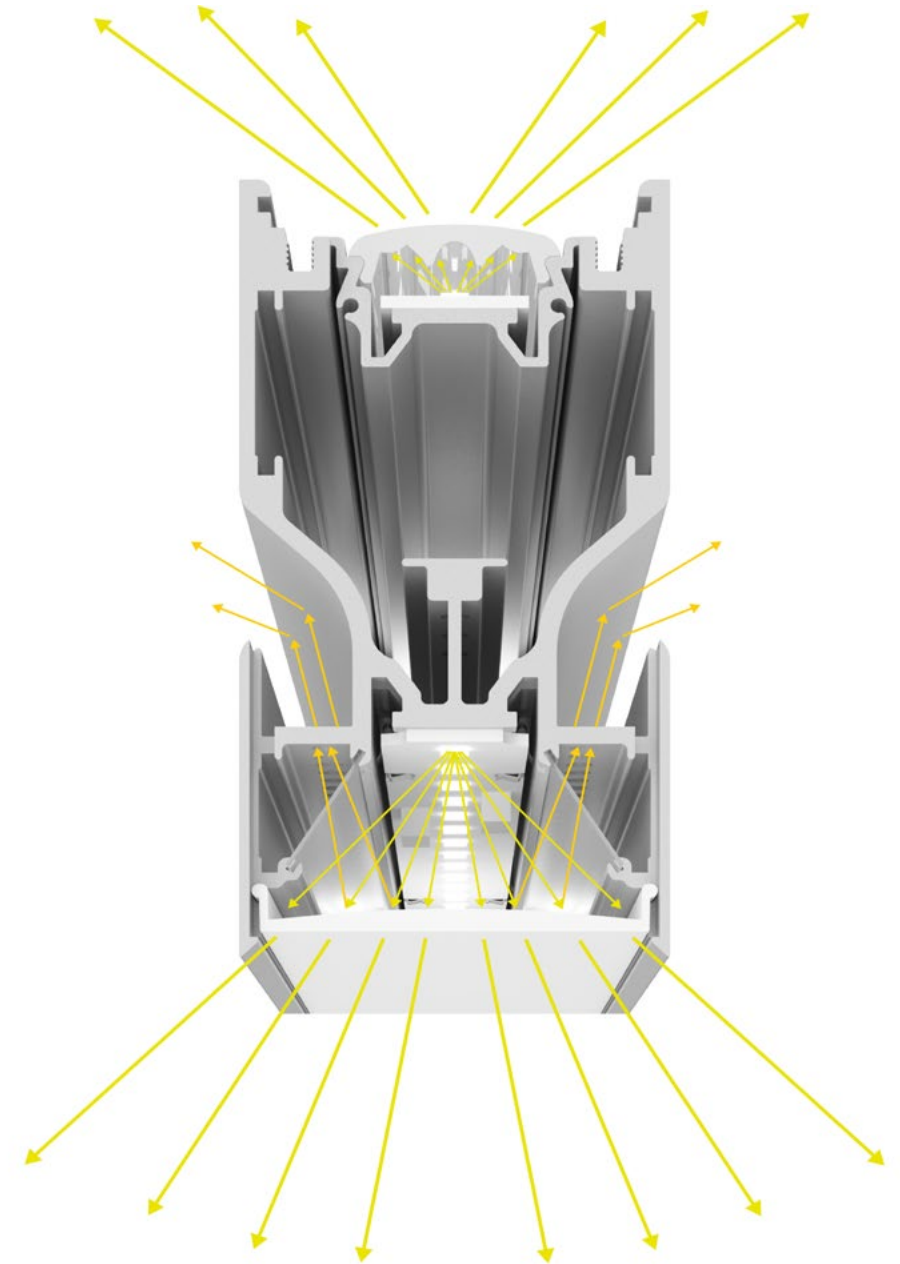
Frosted acrylic lens is engineered to provide better light control and softer distribution.

Light Distribution Pattern

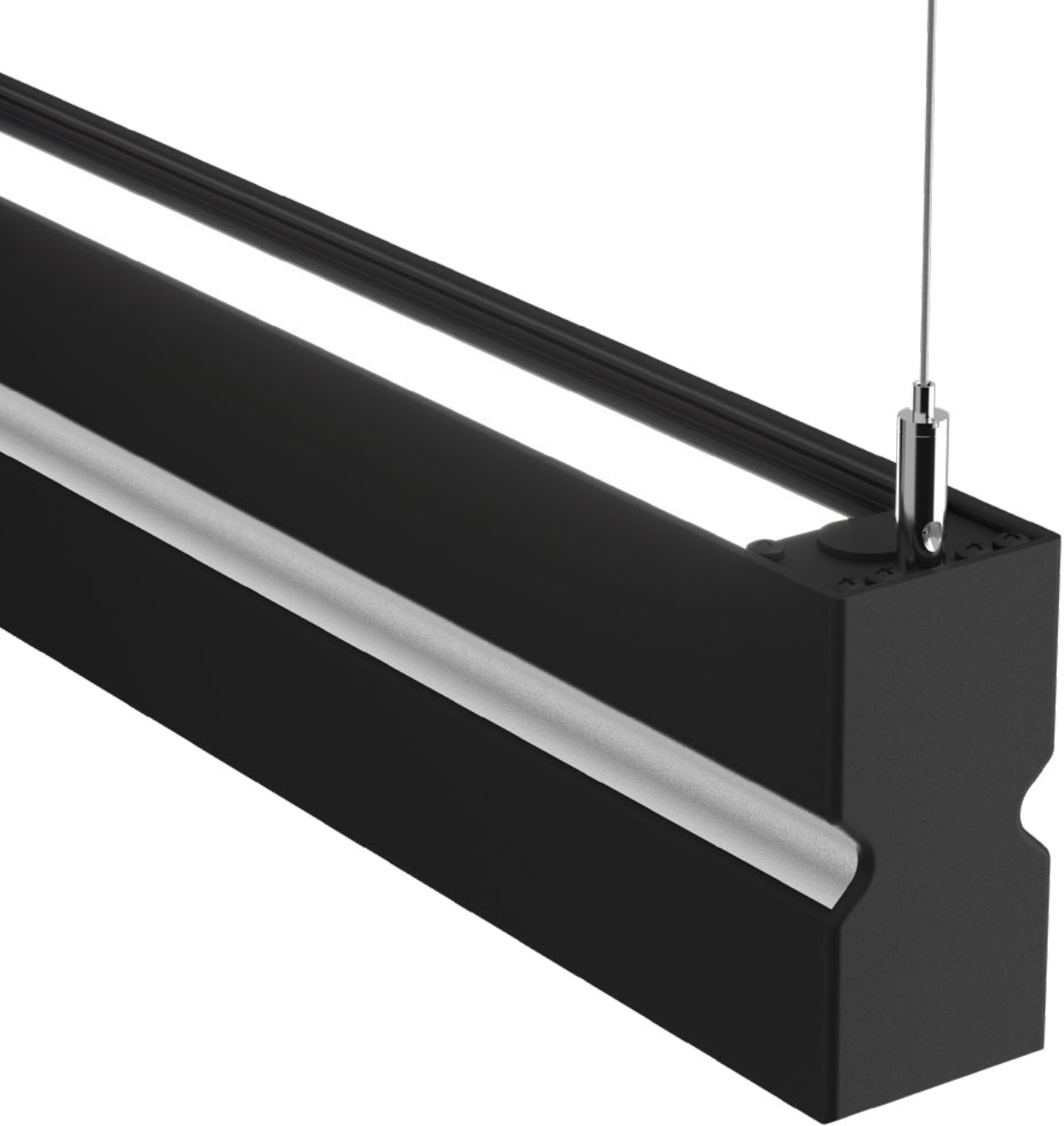


High efficiency custom lens provides batwing distribution with minimal losses for uplight.

The component assembly is designed to maximize efficacy with the use of 2 panels.



**cutaway diagram showing direct, indirect & illuminated reveal.*

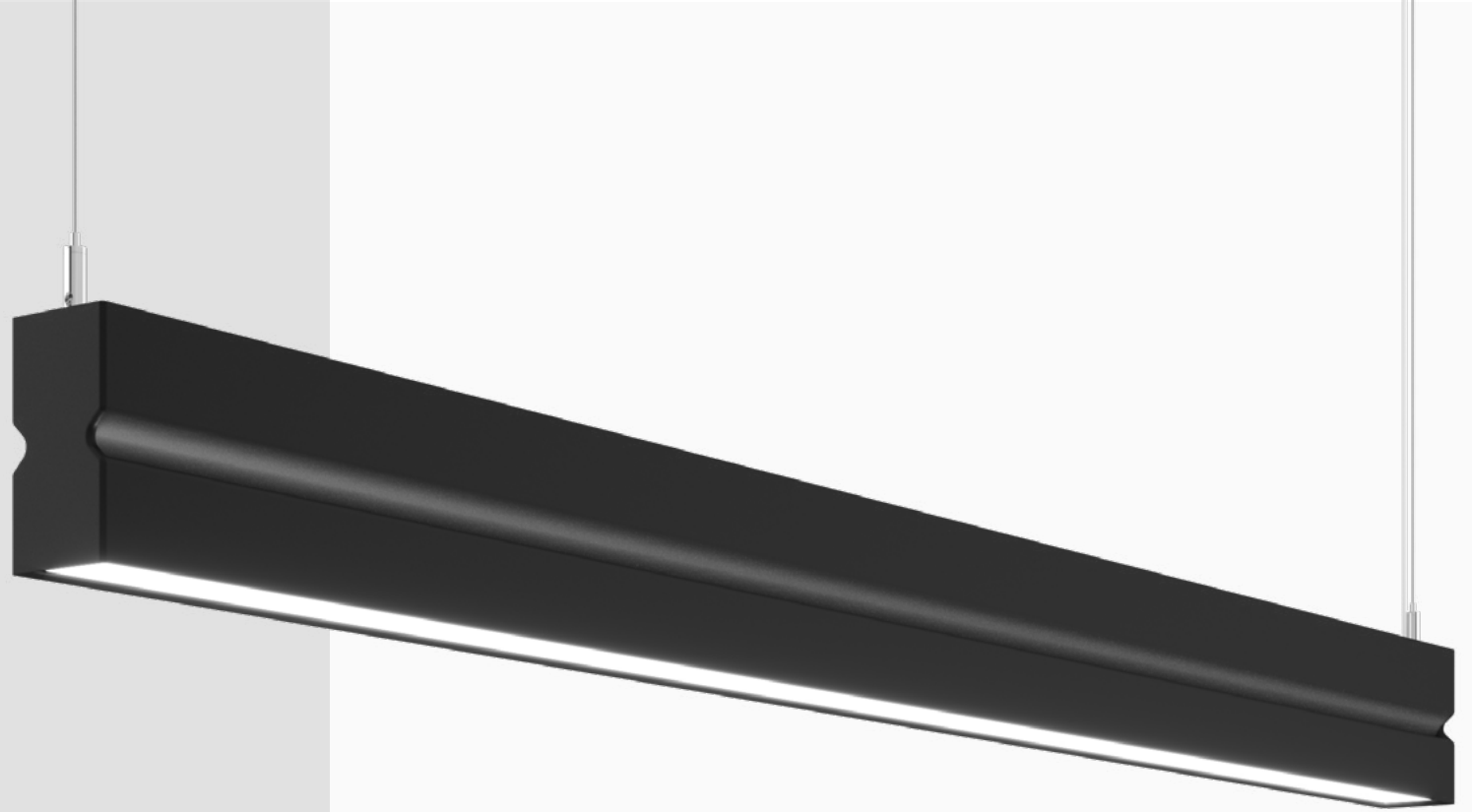


Aerial View

Indirect light is available with the batwing optic which provides a wide distribution of light on the ceiling and contributes to the ambient light with the least amount of glare.

Maximum Length

Flute can be configured as a continuous run up to 50' on a single line voltage cable, with increments of 2' and a minimum starting length of 4'.



SEGMENT LENGTHS:

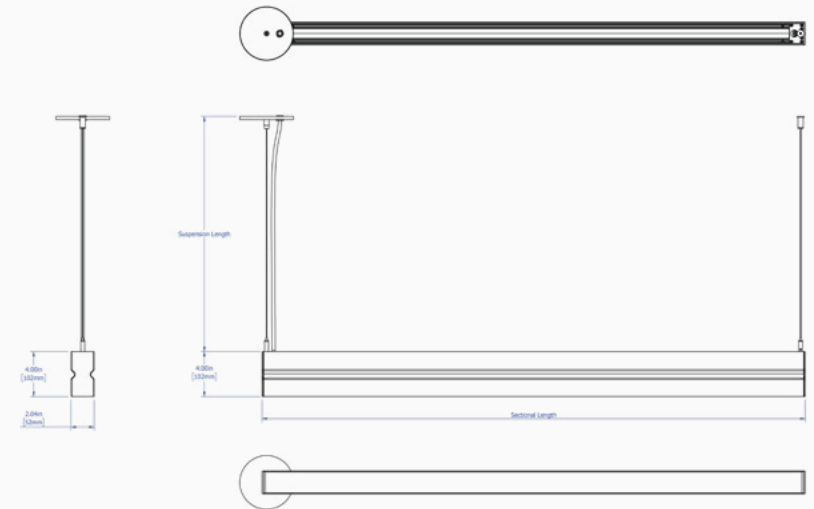
4ft (1220mm)



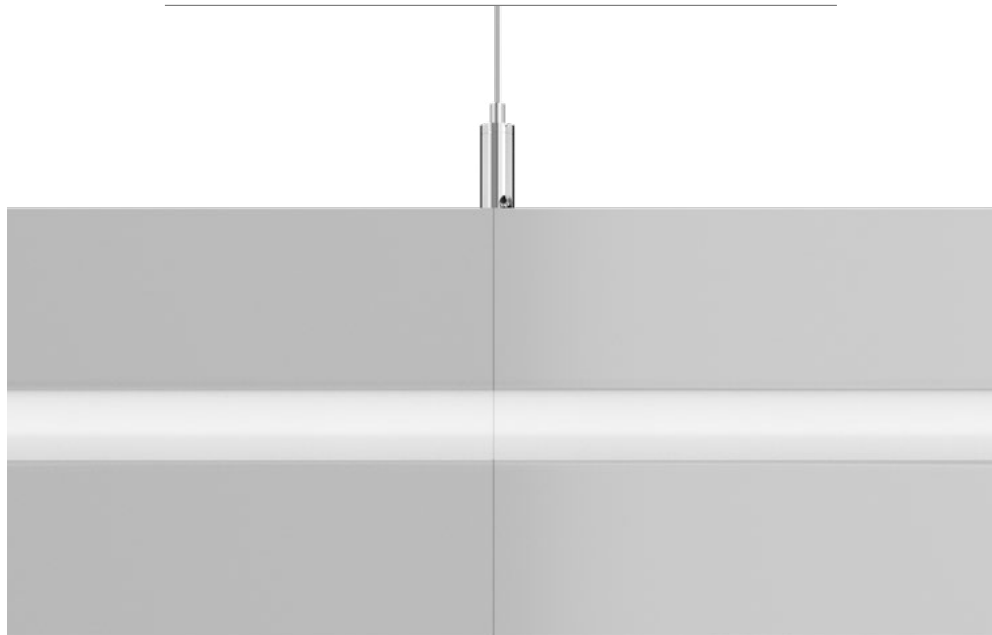
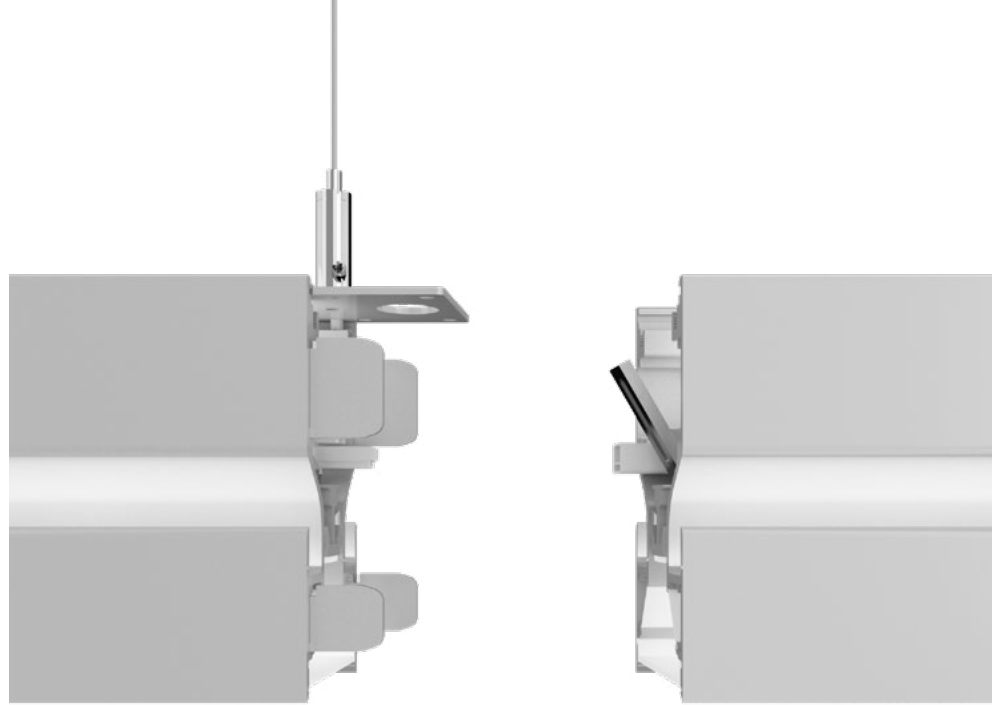
6ft (1829mm)



8ft (2438mm)



Continuous Run Connection



Flute's Align 'N Lock joiner ensures zero light leak and a simple installation.



Ceiling

Flute revitalizes linear design for on-trend, tech-age modern interiors.



Housing Finishes

- Black Metallic Textured
- Bronze Metallic Textured
- Midnight Blue Metallic Textured
- Charcoal Metallic Textured
- Red Metallic Textured
- Gold Metallic
- Copper Metallic
- Champagne Metallic
- Silver Metallic Textured
- White
- Wood Grain - Light Cherry
- Wood Grain - Dark Walnut





Technical Specifications

Circuits

Single | Dual (Pendant only)

CCT

3000K | 3500K | 4000K

CRI

80+ | 90+

Dimming Drivers

0-10V Dimming @ 1.0 % and 0.1%, | DSI/switchDim

Dali Dimming @ 1.0 % and 0.1% | PoE

Emergency

Integral | Emergency generated circuit





Power Over Ethernet

PoE is a technical standard whereby electrical power is transmitted over a hard internet connection via ethernet cables instead of electrical wiring. The technology allows intelligent buildings to fully integrate and centrally control building devices such as alarm systems, security cameras, telephones, printers, and LED lighting. Beta-Calco offers a full line up of PoE enabled luminaires for your PoE infrastructure.

Benefits of PoE

Convenience

Ethernet can transmit both power and data which facilitates the integration of multiple devices including LED luminaires into the network infrastructure. This allows lighting fixtures to be installed where main power is not available and take advantage of the pre-existing network. Centralized control and administration makes troubleshooting and power management easier.

Cost Effectiveness

PoE presents cost savings in the time, equipment, and labour involved in installing electrical power. Troubleshooting luminaires does not require a qualified electrician and is managed by the network. The convenience of network accessibility means that lighting can be installed where it is too difficult, thus costly, to install power lines.

Flexibility

The scalability of network technology provides the flexibility of installing lighting anywhere in a building. Expanding the number of luminaires in a space is significantly easier, as well as repositioning should the architecture change during construction. The flexibility to reposition fixtures provides ease of adapting the lighting to changes in space layout.

Simplicity

Installation of network connections is much simpler than electrical. The absence of electrical wires means a more organized wiring closet, making troubleshooting of connections more efficient. Central administration of PoE makes power and energy management easier and more effective.



Since 1941, we have held a passion for designing cutting-edge professional lighting that changes how spaces are illuminated while upholding the enduring principles of quality and craftsmanship.

Our objective is to work in lockstep with our clients by developing innovative products that meet their variegated design needs and comply with the latest energy and construction standards. Furthermore, our manufacturing infrastructure allows us to scale products and satisfy niche design requirements.

We use leading-edge wellness technologies including BIOS, Tunable White, and Dim to Warm; and employ open-source connectivity to intelligent control systems, including Power over Ethernet.

Our customer-centric approach to service and product design is the basis of our reputation and how we have become a key lighting supplier across the globe.

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