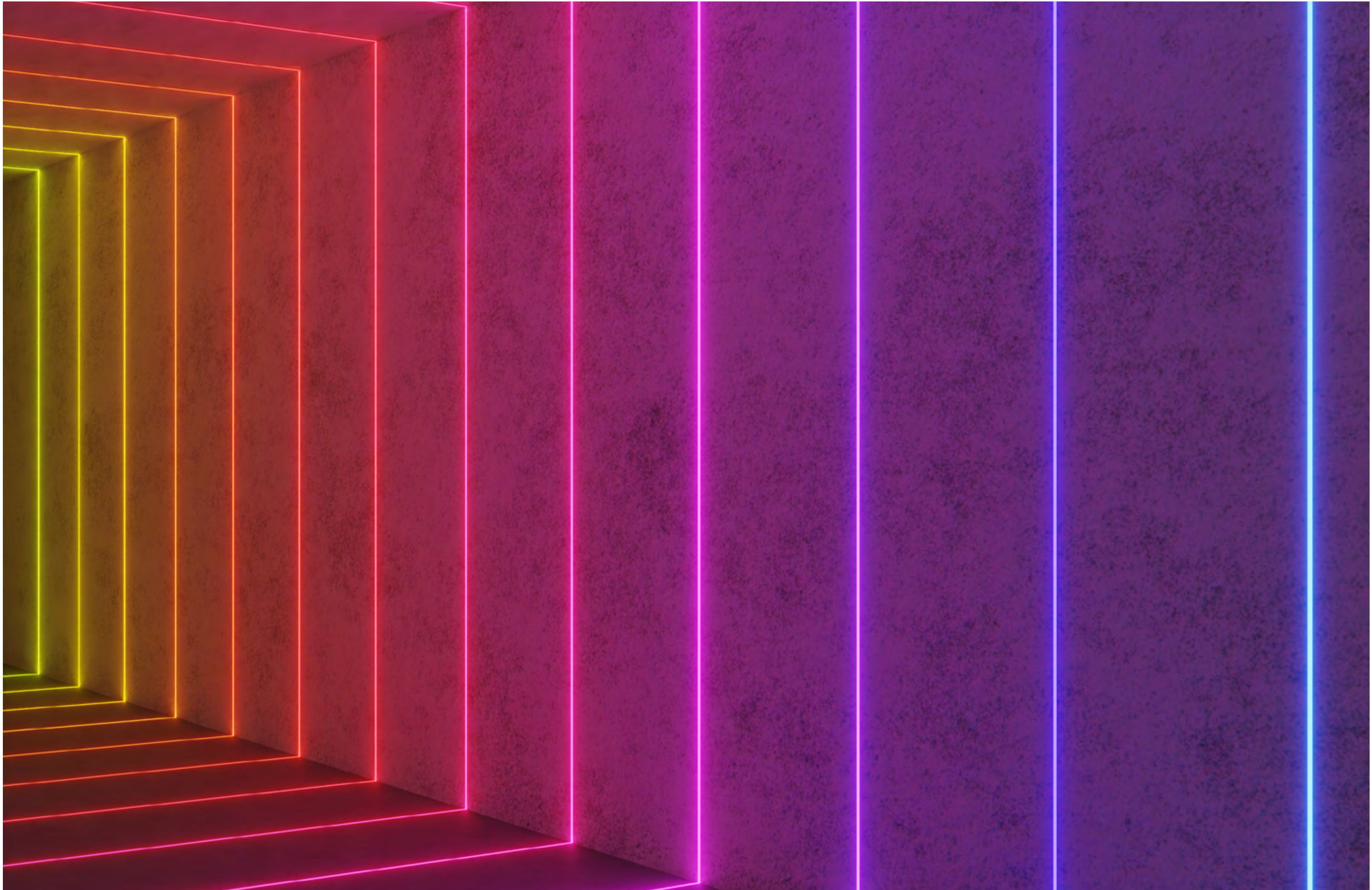






LED Lightbars

LED lightbars are a user-friendly yet highly-effective way of illuminating a space. Optimised to deliver both ambient and task lighting, they are ideally suited for use in everything from shelving systems and display cases through to large commercial interiors and pop-up retail spaces.

Our lightbars combine energy-efficient LEDs together with a range of different diffusers and slimline aluminium profiles to create lighting elements that perform according to the spatial, functional and aesthetic requirements of a space.

Whether it's colour temperature, beam angle, lumen output or secondary optics, they can be customised to suit particular displays and showcase products in their best light.



Inspiration

LED lightbars can be engineered to meet the functional and aesthetic needs of any interior space. Elegant and energy-efficient, they are ideal for incorporating illuminated elements into retail displays, art galleries, showrooms, offices, hospitality venues and more.

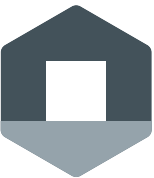


Profile features

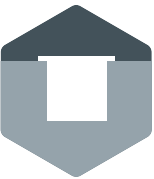
Our range of LED lightbars are housed inside extruded aluminium profiles, all of which have been designed in-house to offer specific functionalities. These profiles can be engineered to provide additional features and customisation options including different installation methods and connectors.



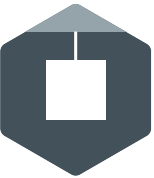
Surface mount
LED lightbars can be mounted directly onto surfaces using a range of different mounting methods (see page 7). Surface-mounted lightbars protrude from the area onto which they are fixed.



Recess mount
LED lightbars can be recessed into surfaces to create integrated lighting systems that sit completely flush with the area into which they are fixed.



Suspendable
Specially-engineered channels in the aluminium profiles enable lightbars to be suspended above surfaces using cables or rigid posts

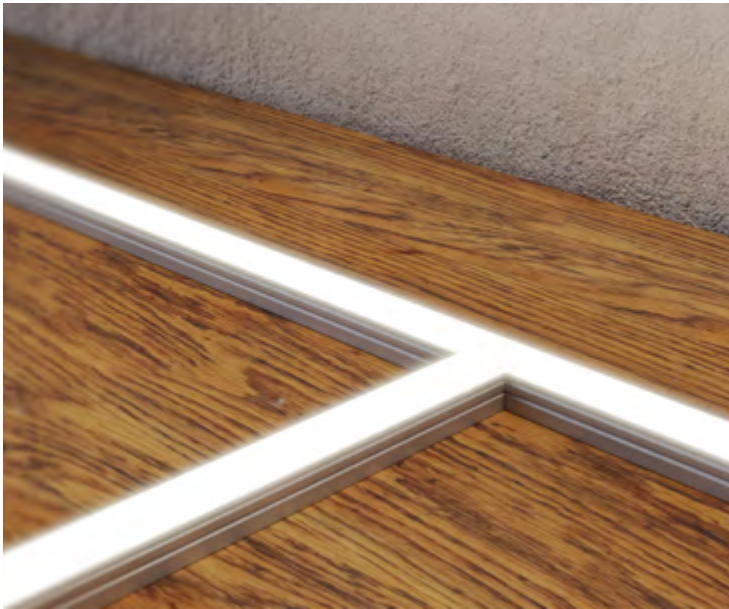


90° join
Lightbars can be joined together at right-angles to create linear lighting systems that follow the corners of interior spaces or objects.

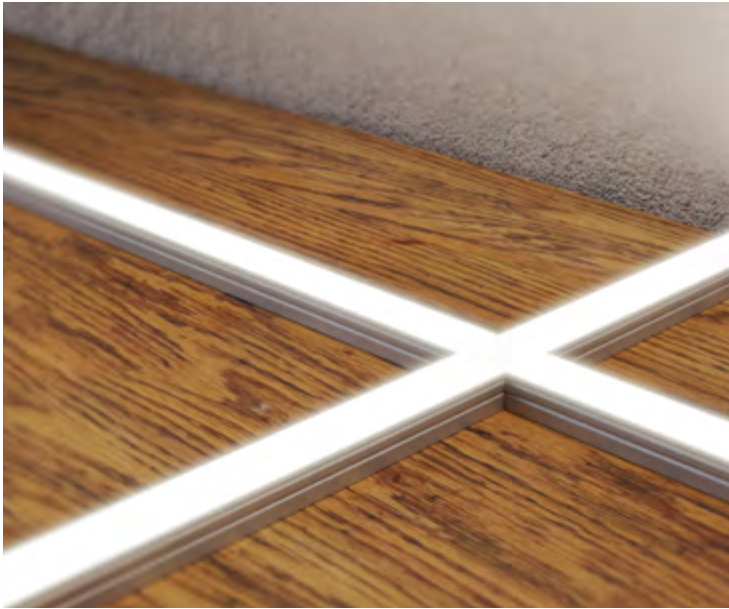


In-line join
Lightbars can be connected together in series to create longer linear lighting systems for larger spaces.





3 way join
Three individual lightbars can be connected together to form t-shaped lighting fixtures.



4 way join
Four lightbars can be connected together to form lighting systems in cross or grid configurations.

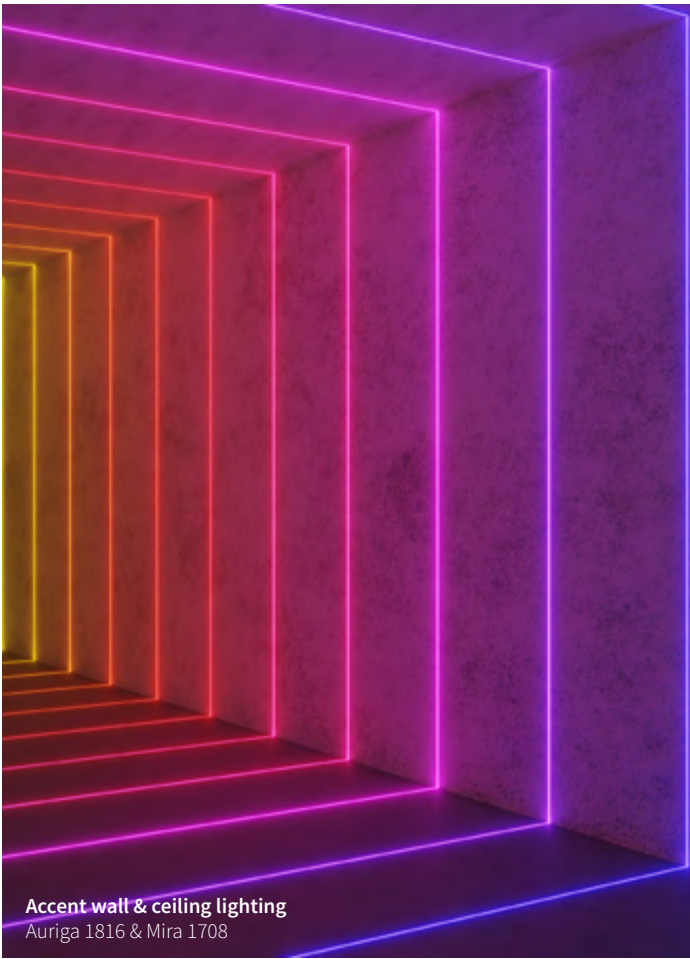
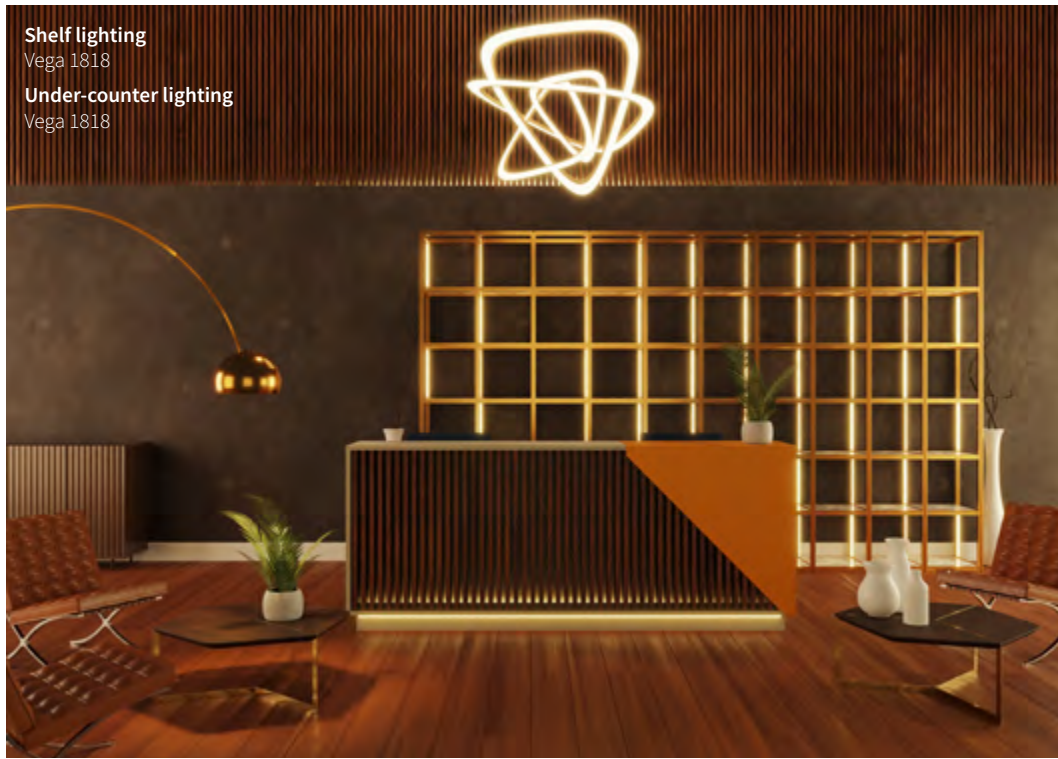
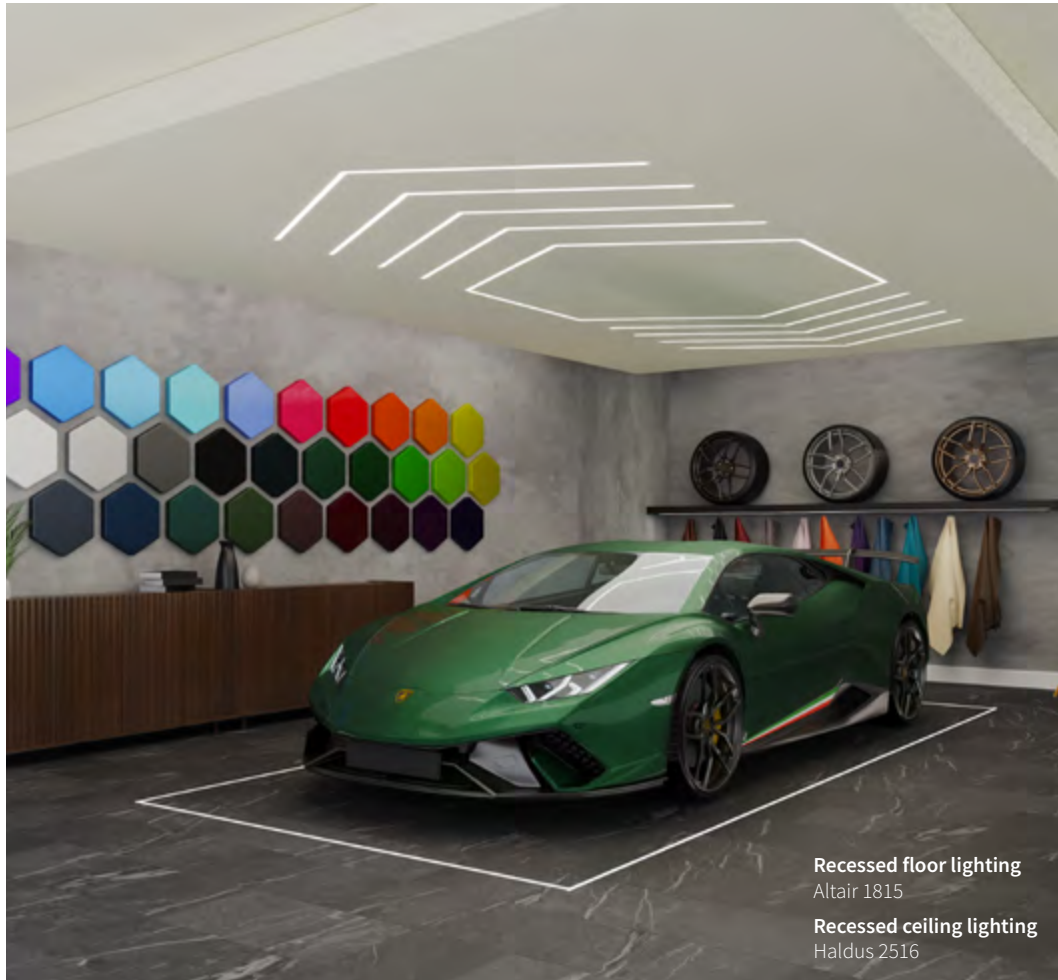


Custom angle
To meet user-specific requirements, lightbars can be cut at custom angles so that they can be connected together in configurations that follow the existing interior architecture of a space.



Recessed feature lighting
Auriga 1816

Applications

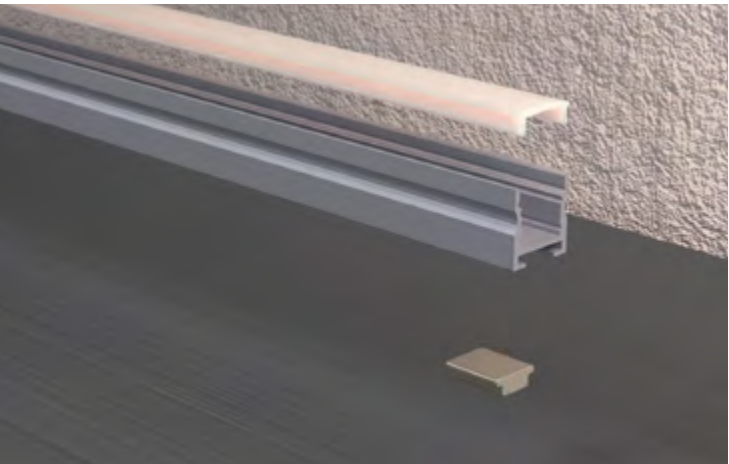


Fixing methods

LED lightbars can be supplied with a range of different fixing methods to suit applications and environments of all types.

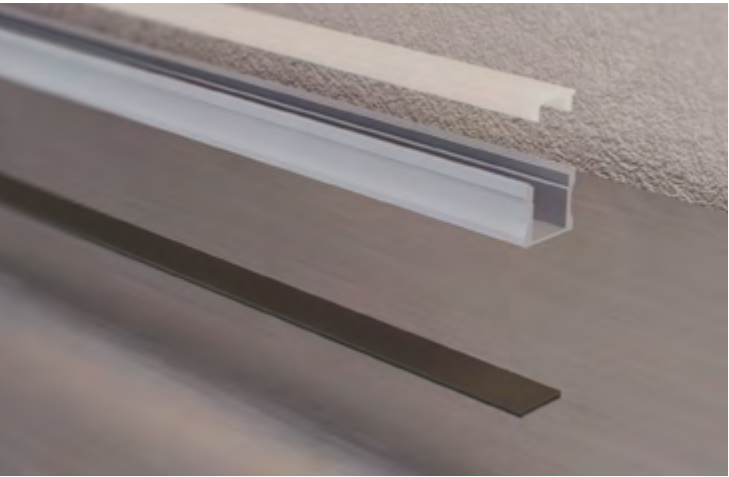


Screw mount
Lightbars can be screwed directly onto surfaces. This is the most suitable fixing method for applications such as under-shelf lighting as it is the most secure.



Magnetic mount
Lightbars can be attached onto surfaces using two types of magnetic fixings.
Type 1: magnets are screwed into a fixing plate inside the aluminium profile.
Type 2: self-adhesive magnetic tape is attached to the aluminum profile.

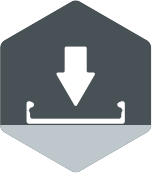
Magnetic mounts are ideal for applications where lightbars may need to be repositioned as they provide a temporary fixing method.



Tape mount
Lightbars can be fixed onto surfaces using high-strength adhesive tape. This is the most versatile mounting method, being suitable for a wide range of different surfaces and materials.



Clip mount
Lightbars can be fixed onto surfaces using clip mounts that are screwed in place. The aluminium profile clicks securely into the channel of the clip.



Diffusers

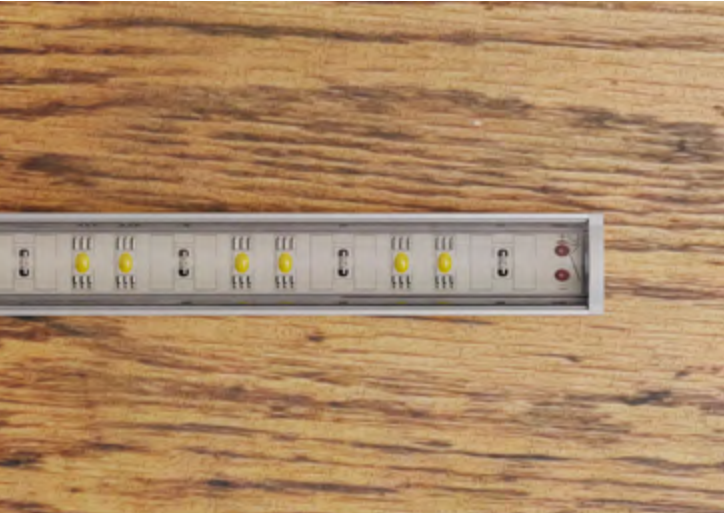
LED lightbars can be supplied with a number of different diffusers to suit the functional and aesthetic requirements of different environments.



Opal
An opaque acrylic diffuser that conceals the internal LED components from view. Opal diffusers are ideal for environments that require a lower-glare option with a soft light transmission.



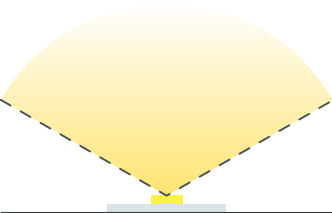
Frost
A semi-opaque acrylic diffuser that conceals some of the internal LED components and PCB from view. Frosted diffusers soften the light emitted whilst allowing for a greater overall light transmission.



Clear
A transparent acrylic diffuser that maximises the light transmission of a lightbar to make it as efficient as possible.

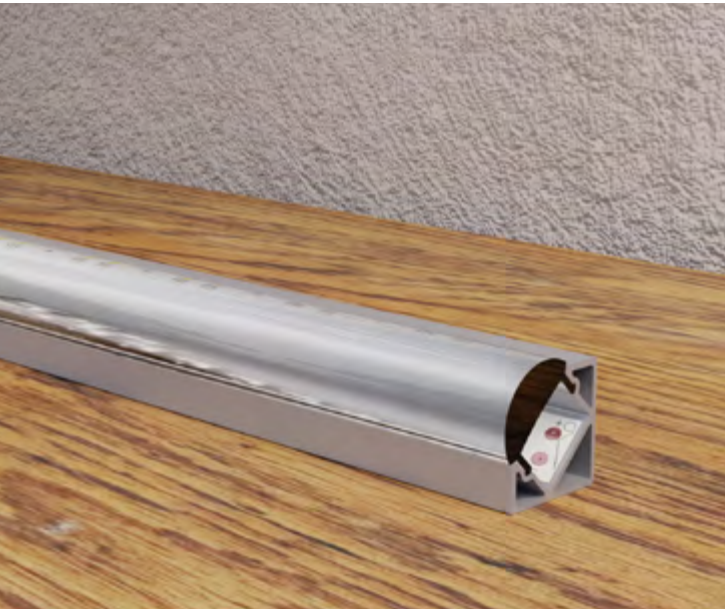
Lenses

Lenses are used to alter the beam angle of LED components to concentrate the light that is emitted onto a particular product, surface or area of interest.

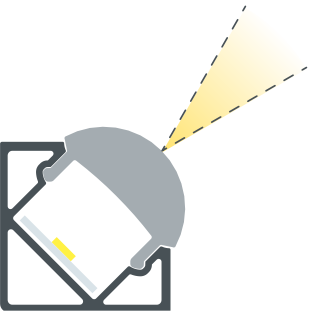


Standard LED Beam angle - 120°
Every light source, be it an LED or a wax candle, has a beam angle. This is the measurement of how the light it emits is distributed within and across a space.

Without the addition of any secondary optics or lenses, LEDs have a standard beam angle of 120°. Smaller beam angles mean that the light emitted by an LED is spread across a narrower area and, as a result, will appear brighter and more intense to the naked eye.



Angled lenses
Lightbars can be mounted into specially-engineered aluminium profiles at 45° angles to further re-direct the beam of light onto a particular area or object.

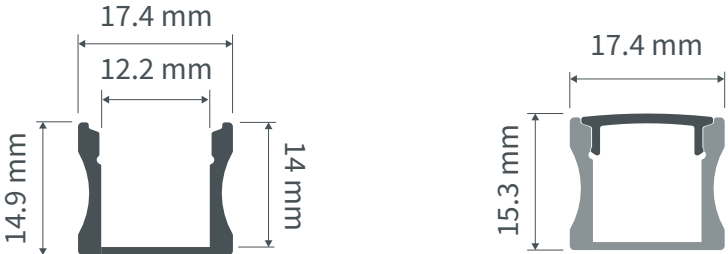


Auriga 1816

UA38865

This is the simplest lightbar in our range. It uses an aluminium profile which is purposefully minimalist so that it is suitable for a wide variety of applications in environments of all types.

Profile cross section



Specifications

- Profile Measurements:**
Width: 17.4 mm
Height: 14 mm
Length: 3000 mm
Weight: 0.184 kg per metre
- Material:**
Aluminium 6063-T6
- Standard Finish:**
Satin silver anodised - 15 micron
- Diffuser Type B:**
Opal, Frosted, Clear

Profile features

- Surface mount
- Recess mount
- 90° join
- 2-way join
- 3-way join
- 4-way join
- Custom angle

Fixing methods

- Screw mount
- Magnetic mount
- Tape mount
- Clip mount

Optional Hardware



End Cap Set
UA38865 - ENDCAPSET



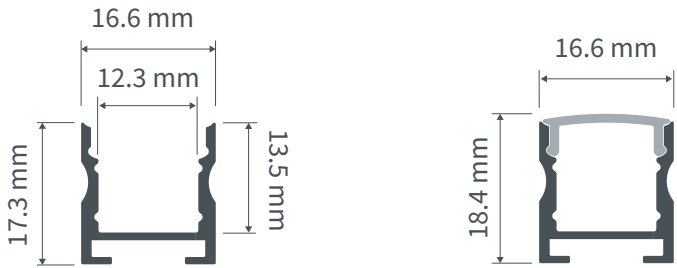
Metal Clip
UA38867-CLIPS

Auriga 1718 C

UA38866

Auriga 1718 C lightbars deliver a simple, minimalist aesthetic and are suitable for a wide range of applications. They have a channel in the rear of the aluminium profiles used to house the LEDs meaning they are easy to suspend from ceilings or fix at 90° angles with L brackets.

Cross section dimensions



Specifications

Profile Measurements:

Width: 16.6 mm
Height: 17.3 mm
Length: 3000 mm
Weight: 0.186 kg per metre

Material:

Aluminium 6063-T6

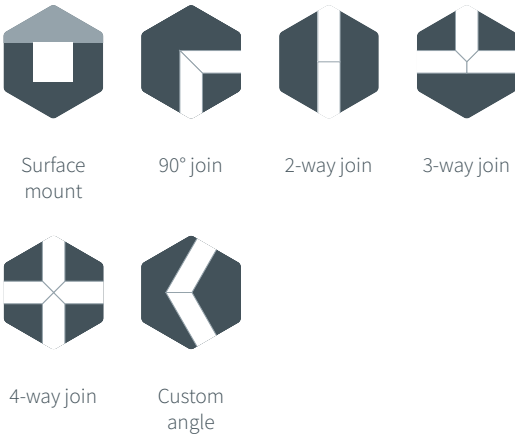
Standard Finish:

Satin silver anodised - 15 micron

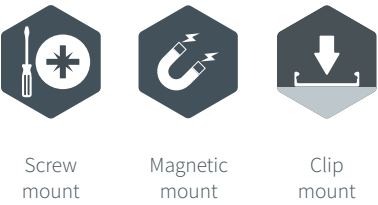
Diffuser Type A:

Frosted, Clear

Profile features



Fixing methods



Optional Hardware



End Cap Set
UA38866 - ENDCAPSET



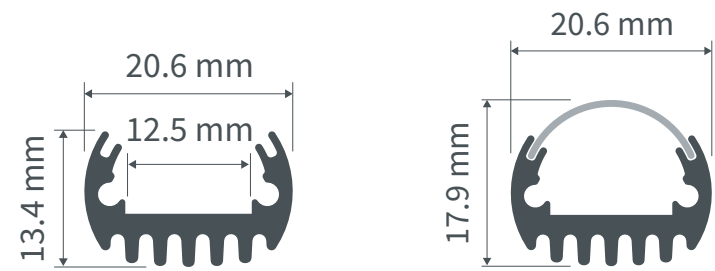
Mounting Magnet
UA42407-MAGNET

Capella 2118

UA10292

Capella 2118 is a versatile linear LED light that allows entire sections of product displays to be accented, which when combined with adjustable fixings and Capella 2118's discreet nature, makes a fully integrated lighting solution. Ideal for retail and event displays, Capella 2118 features a finned profile to effectively distribute the heat generated by the LED's.

Profile cross section



Specifications

Profile Measurements:

Width: 20.6 mm
Height: 17.9 mm
Length: 5100 mm
Weight: 0.265 kg per metre

Material:

Aluminium 6063-T6

Standard Finish:

Satin silver anodised - 15 micron

Diffuser Type:

Frosted, Clear

Profile features



Surface
mount

Fixing methods



Screw
mount

Optional Hardware



End Cap
UA10733



End Cap - One Way
UA18036



End Cap - Three Way
UA12080



Terry Clip
UA10735

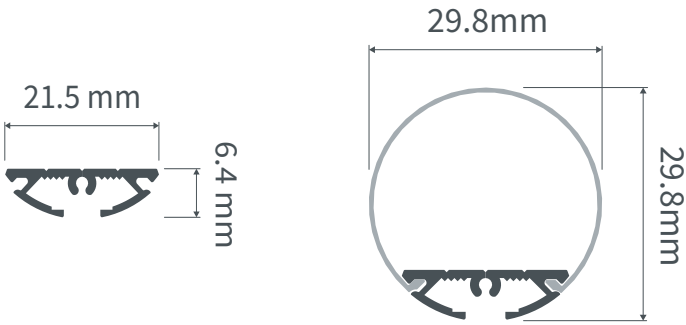


Faberlux 3030

UA40564

Part of the Faberlux range of lightbars designed for a wide range of commercial applications, Faberlux 3030 uses cylindrical lenses to replicate the iconic 'tube' aesthetic of neon lighting installations.

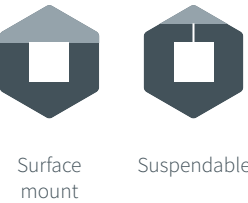
Profile cross section



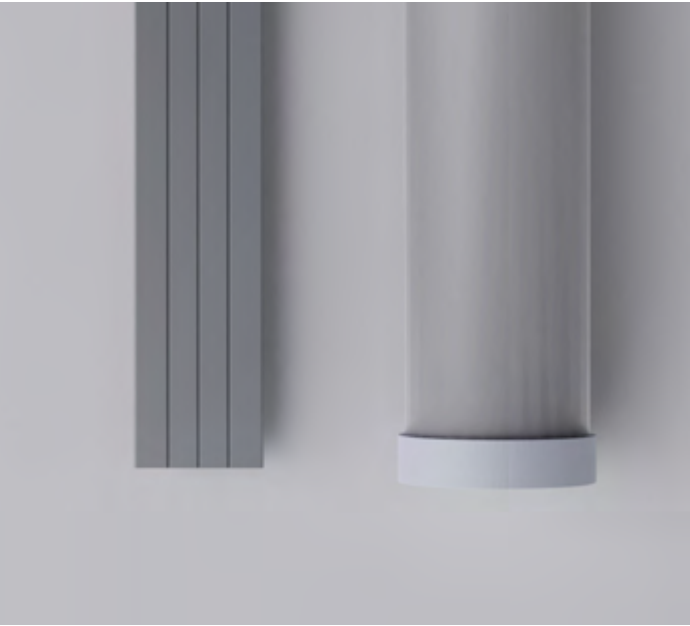
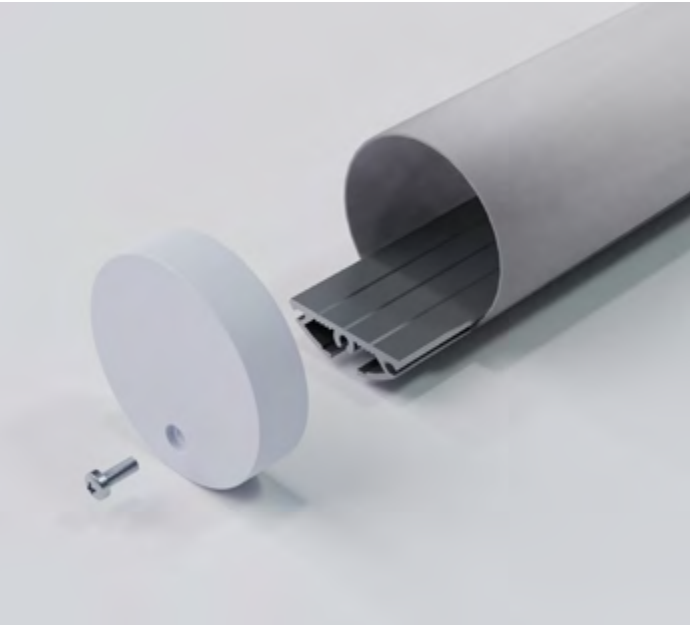
Specifications

- Profile Measurements:**
- Width: 21.5 mm
 - Height: 6.4 mm
 - Length: 3000 mm
 - Weight: 0.135 kg per metre
- Material:**
- Aluminium 6063-T6
- Standard Finish:**
- Satin silver anodised - 15 micron
- Diffuser Type:**
- Frosted, Polycarbonate

Profile features



Fixing methods



Optional Hardware



End Cap Set
UA40564-ENDCAPSET



Terry Clip - 28mmØ
F-TERRY-28MM



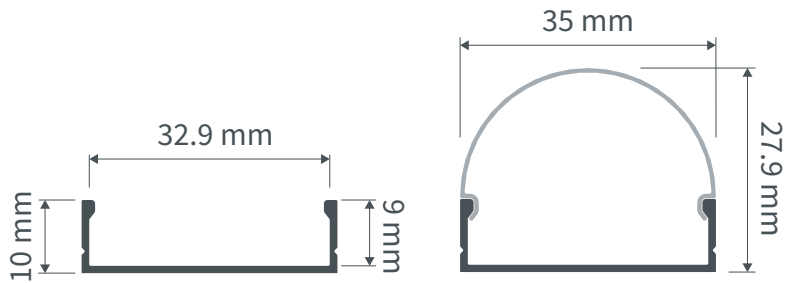
Pendant Mounting Kit
UA42408-PENDANT

Faberlux 3528

UA40563

Part of the Faberlux range of lightbars designed for a wide range of commercial applications, Faberlux 3528 uses an ultra-slim aluminium profile to enable the installation of discreet, aesthetically sleek luminaires.

Profile cross section



Specifications

Profile Measurements:

Width: 32.9 mm
Height: 10 mm
Length: 3000 mm
Weight: 0.153 kg per metre

Material:

Aluminium 6063-T6

Standard Finish:

Satin silver anodised - 15 micron

Diffuser Type:

Frosted, Opal

Profile features



Surface
mount

Fixing methods



Screw
mount



Tape
mount

Optional Hardware



End Cap Set
UA40563-ENDCAPSET

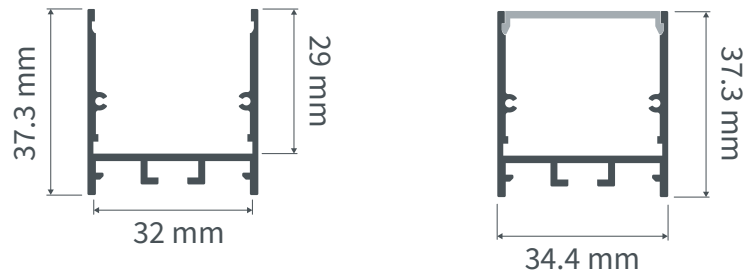


Faberlux 3537

UA40561

Part of the Faberlux range of lightbars designed for a wide range of commercial applications, Faberlux 3537 uses square-cut aluminium profiles with deeper internal channels to create a wide variety of geometric lighting installations that boast high diffusion values.

Profile cross section



Specifications

Profile Measurements:

Width: 34.4 mm
Height: 37.3 mm
Length: 3000 mm
Weight: 0.539 kg per metre

Material:

Aluminium 6063-T6

Standard Finish:

Satin silver anodised - 15 micron

Diffuser Type:

Frosted, Opal

Profile features



Surface
mount



Suspendable



90° join



2-way join



Screw
mount



Magnetic
mount



3-way join



4-way join



Custom
angle

Fixing methods

Optional Hardware



End Cap Set
UA40561-ENDCAPSET



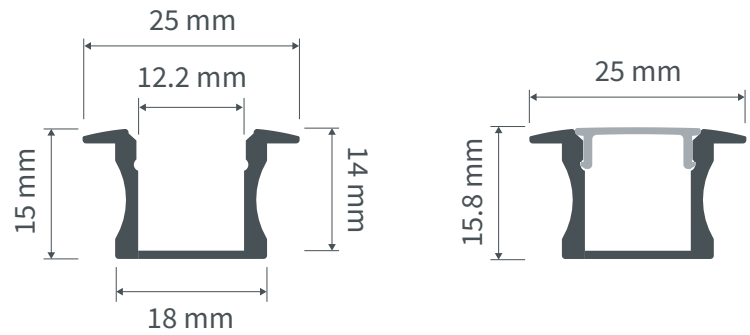
Pendant Mounting Kit
UA42408-PENDANT

Haldus 2516

UA38867

Haldus 2516 lightbars use aluminium profiles with a lip in the continuously-extruded channel which conceals unsightly edges when the lightbar is recessed into a wall or ceiling. This makes Haldus 2516 ideally suited for environments in which aesthetics are key.

Profile cross section



Specifications

Profile Measurements:

Width: 25 mm
Height: 15 mm
Length: 3000 mm
Weight: 0.217 kg per metre

Material:

Aluminium 6063-T6

Standard Finish:

Satin silver anodised - 15 micron

Diffuser Type B:

Opal, Frosted, Clear

Profile features



Recess
mount

Fixing methods



Screw
mount

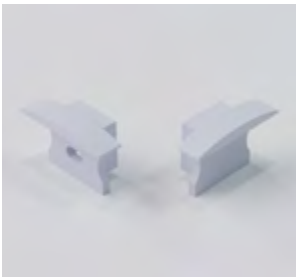


Magnetic
mount



Tape
mount

Optional Hardware



End Cap Set
UA38867 - ENDCAPSET



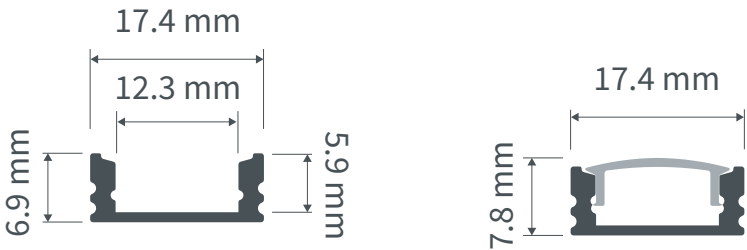
Metal Clip
UA38867-CLIPS

Mira 1708

UA38863

Mira 1708 lightbars are designed to be our most discreet. They use an aluminium profile that is shallower in depth than any other lightbar in the range and are perfect for applications such as under-shelf illumination where space is limited.

Profile cross section



Specifications

Profile Measurements:

Width: 17.4 mm
Height: 6.9 mm
Length: 3000 mm
Weight: 0.114 kg per metre

Material:

Aluminium 6063-T6

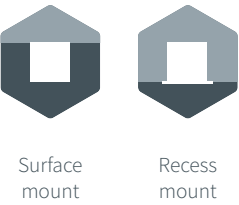
Standard Finish:

Satin silver anodised - 15 micron

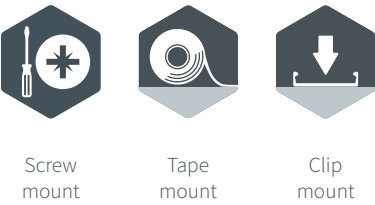
Diffuser Type B:

Opal, Frosted, Clear

Profile features



Fixing methods



Optional Hardware



End Cap Set
UA38863 - ENDCAPSET



Metal Clip
UA38863-CLIPS

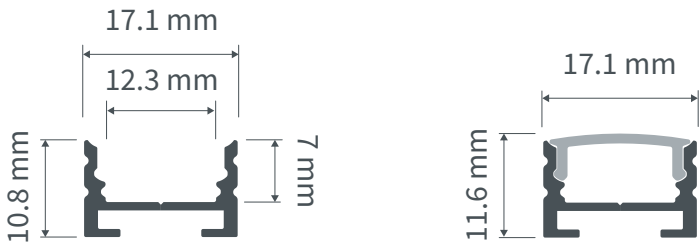


Mira 1712 C

UA38864

Mira 1712 C lightbars are a shallow, ultra-discreet option for instances where space is limited. They are engineered to accept a specially-engineered mounting plate which allows them to be suspended from ceilings or fixed directly onto walls.

Profile cross section



Specifications

- Profile Measurements:**
Width: 17.1 mm
Height: 10.8 mm
Length: 3000 mm
Weight: 0.135 kg per metre
- Material:**
Aluminium 6063-T6
- Standard Finish:**
Satin silver anodised - 15 micron
- Diffuser Type A:**
Frosted, Clear

**Optional clear optic with 30° beam angle.*

Profile features

- 

Surface mount
- 

Recess mount
- 

Suspendable
- 

90° join
- 

2-way join
- 

3-way join
- 

4-way join
- 

Custom angle

Fixing methods

- 

Screw mount
- 

Magnetic mount
- 

Clip mount

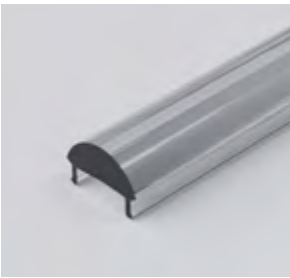
Optional Hardware



End Cap Set
UA38864-ENDCAPSET



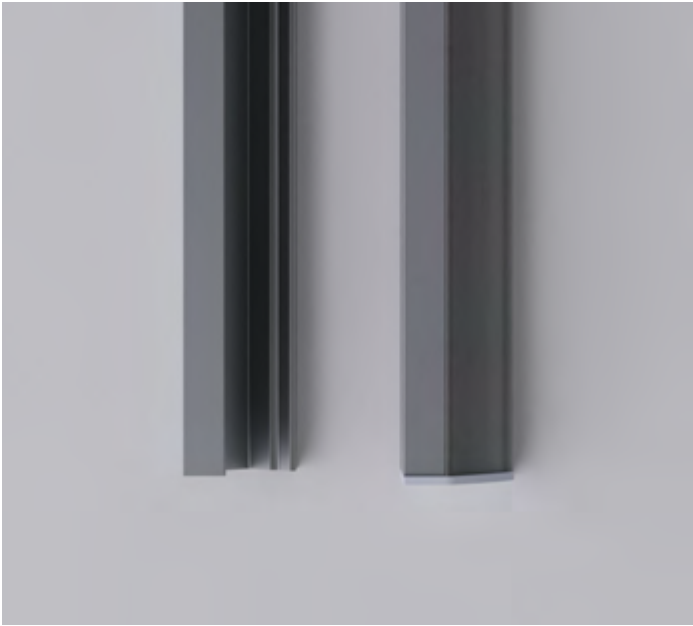
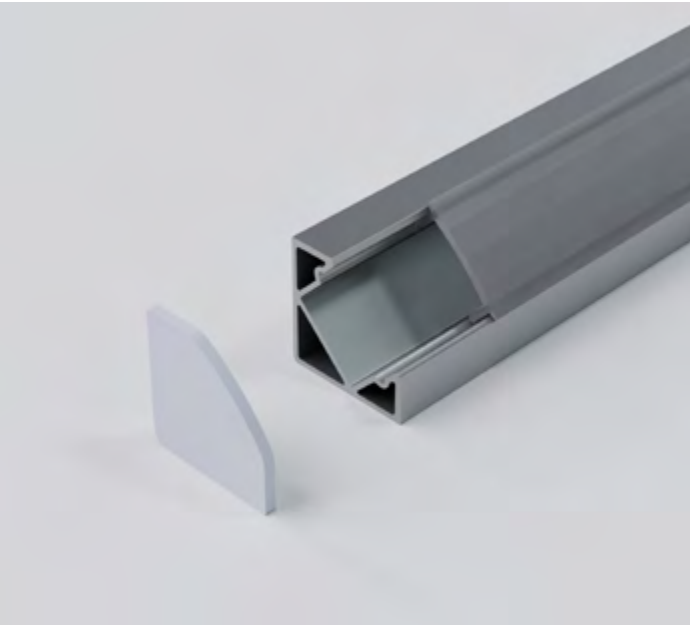
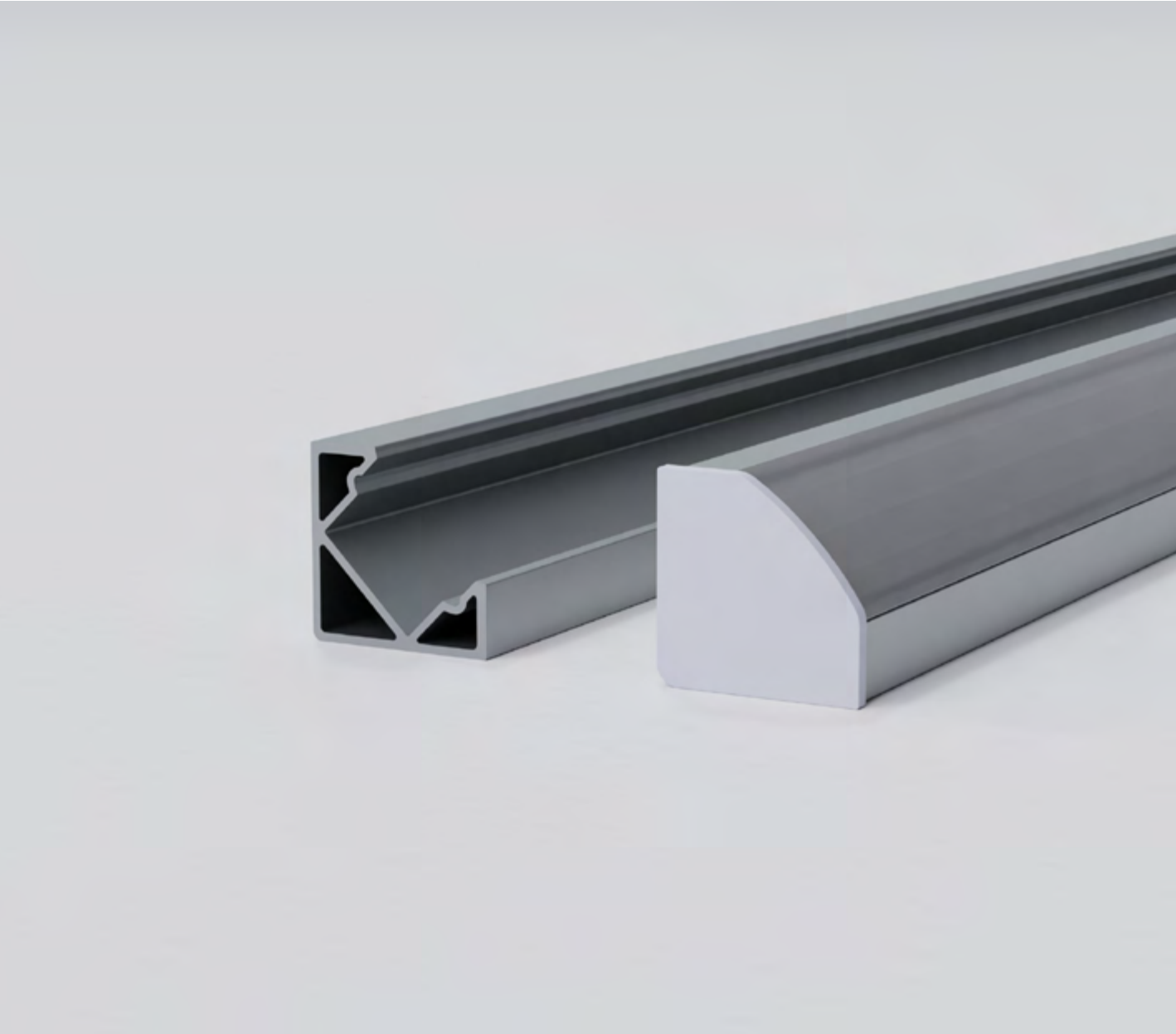
Mounting Magnet
UA42407



Clear Optic - 30° Beam Angle
UA42348-OPTIC



Metal Clip
UA38863-CLIPS

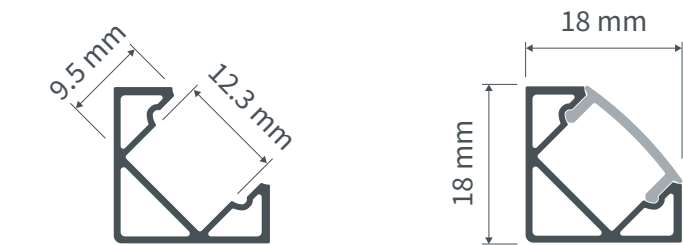


Vega 1818

UA38862

Vega 1818 lightbars are unique in that they use an aluminium profile which holds the luminaire at a 45° angle. This means that the light emitted by the LEDs is targeted directly onto the products or display area below.

Profile cross section



Specifications

- Profile Measurements:**
Width: 18 mm
Height: 18 mm
Length: 3000 mm
Weight: 0.173 kg per metre
- Material:**
Aluminium 6063-T6
- Standard Finish:**
Satin silver anodised - 15 micron
- Diffuser Type A:**
Frosted, Clear

**Optional clear optic with 30° beam angle.*

Profile features



Surface
mount

Fixing methods



Screw
mount



Magnetic
mount

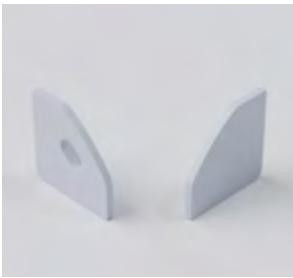


Tape
mount

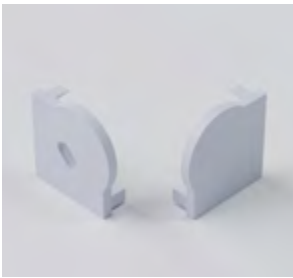


Clip
mount

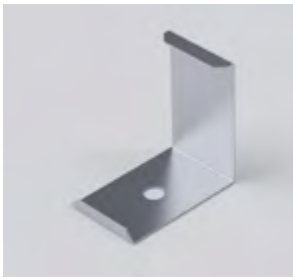
Optional Hardware



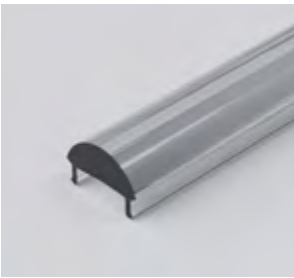
End Cap Set
UA38862-ENDCAPSET



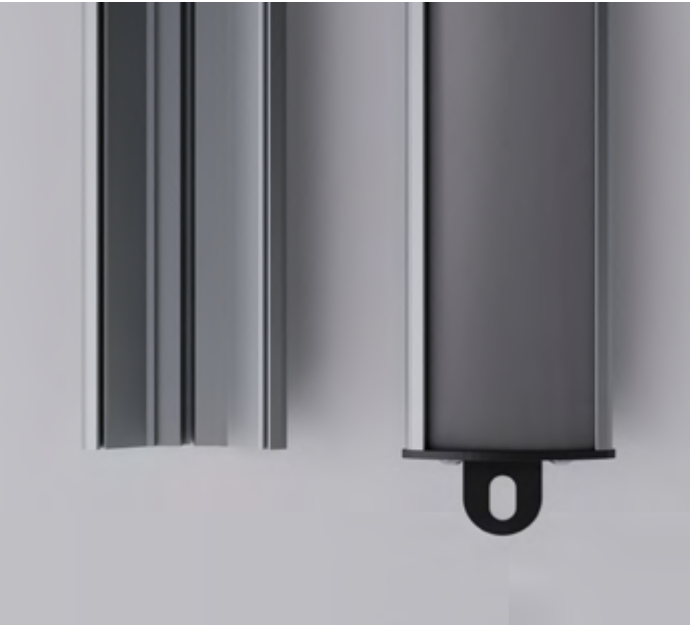
End Cap Set - Use with Optic
UA42348-ENDCAPSET



Metal Clip
UA38862-CLIPS



Clear Optic - 30° Beam Angle
UA42348

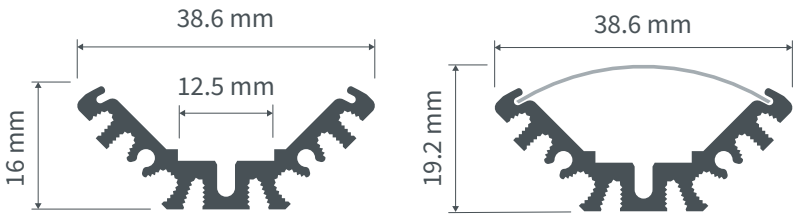


Velorum 3919

UA11977

Velorum 3919 lightbars have wider faces and additional thermal management mechanisms built-in so that they are able to operate effectively with high-powered LEDs. The aluminium profile used to house the luminaire has been designed so that it is fully-compatible with supermarket shelf brackets.

Profile cross section



Specifications

Profile Measurements:

Width: 38.6 mm
Height: 16 mm
Length: 3000 mm
Weight: 0.421 kg per metre

Material:

Aluminium 6063-T6

Standard Finish:

Satin silver anodised - 15 micron

Diffuser Type:

Frosted, Clear

Profile features



Surface
mount

Fixing methods



Screw
mount



Clip
mount

Optional Hardware



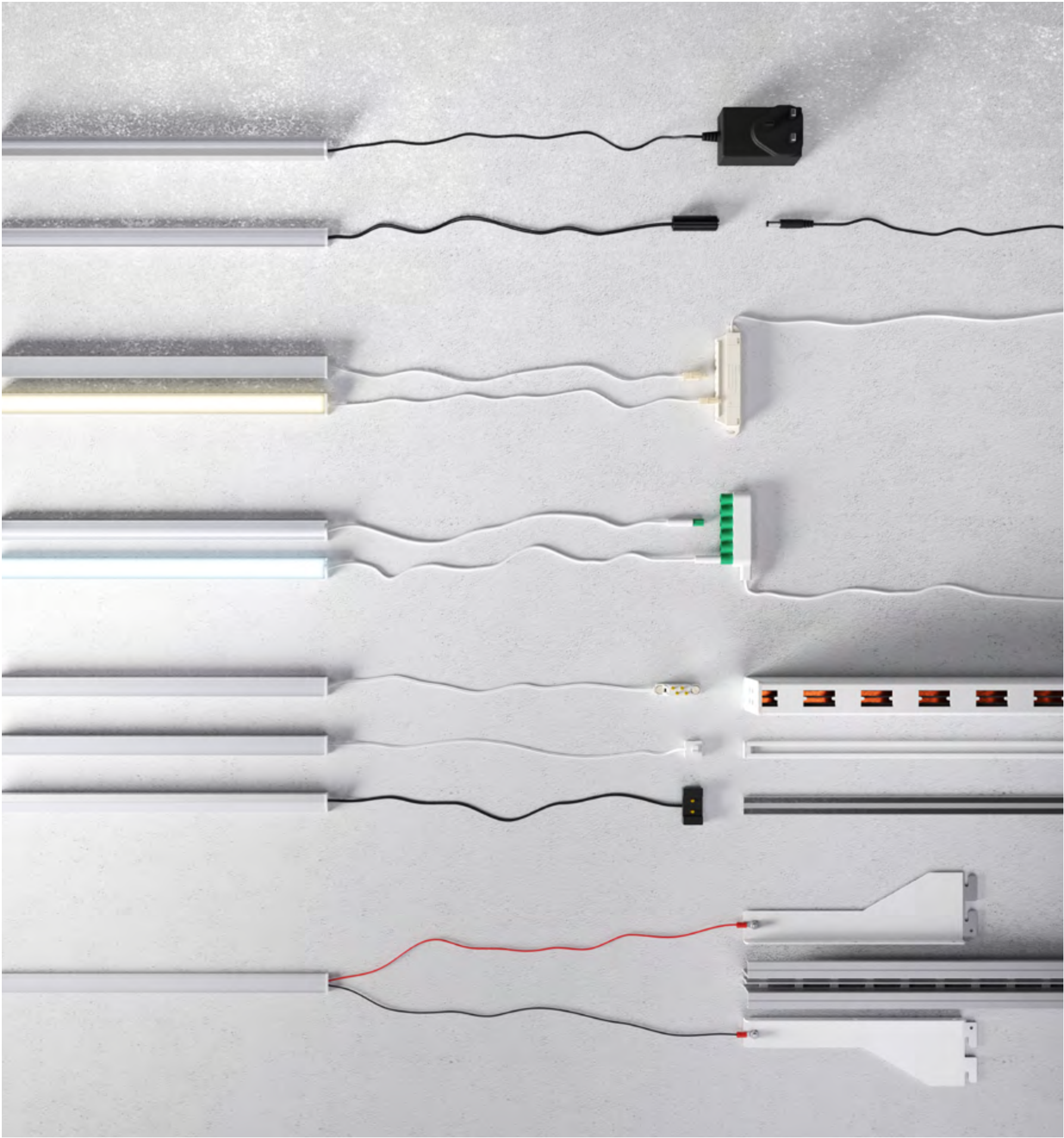
End Cap - One Way
UA11672



End Cap - Two Way
UA10464



End Cap Set - (For use with supermarket shelving)
UA10696 + UA11951



Power Delivery Systems

Direct to Driver

Plug Top Drivers

This type of driver is one of the simplest ways of delivering power to LED lightbars. As the two components are wired directly into one another, illuminating shelving displays required nothing more than plugging in and switching on.

Jack Lead

Using small, slimline push-fit connections, jack leads allow lightbars to be wired to power supplies even if cables need to be passed through narrow gaps or holes.

Distribution Blocks

Splitter Box

By splitting power between a number of separate cables, several lightbars can be illuminated from a single output source. This makes splitter boxes an incredibly convenient solution for spaces in which there is limited access to power. They have mechanical fixings that secure them in position and preventing them from being disconnected accidentally.

Weiland Gesis

Designed by industry specialists, Weiland, the Gesis® connector system is an alternative way in which power can be safely distributed between lightbars from a single source. Each component is engineered so that it only operates when positioned in a specific way meaning that it is easy to avoid connecting them incorrectly. Gesis® connectors are available in various shapes and sizes to suit applications of all types.

Konnekt Range

Konnekt S50

Our patented power delivery system, Konnekt S50 is widely used by retailers, visual merchandisers and exhibitors alike. It offers unbeatable levels of flexibility and ease of installation as it can be retro-fitted into an existing shelving system simply by sliding powered tracks into its slotted uprights. Konnekt S50 can be supplied with power feed connectors to enable users to power multiple lightbars from a single upright.

Konnekt Twist

Konnekt Twist is an ultra-slim power delivery system. It is available as either a recessed or surface mounted track and provides a discreet, super-flexible solution for lighting applications in environments of all types.

Konnekt Hive

Konnekt Hive is engineered to operate using magnetism. Power tracks can be fixed directly onto suitable surfaces, thereby enabling users to install and reconfigure shelf lighting systems completely tool-free.

Kontakt

Kontakt is our multi award-winning shelving solution that enables users to create sleek display systems with integrated LED lighting. Installing Kontakt shelves requires no wiring, connectors or specialist training meaning products can be flawlessly illuminated with ease.

LED Specifications

Specifications										Lightbar Profiles															Optional Controllers							
LED Product Code	LED Type	Colour Temp (K)	Watts per Metre (W)	Voltage (V)	LED per Metre	PCB Width (mm)	Cut Point (mm)	Max Length (Metres)	CRI	Luminous Efficacy (lm/W)	Lumen (lm/m)	Lighting Control	Altair 1816	Auriga 1718 C	Auriga 1816	Haldus 2516	Mira 1708	Mira 1712	Mira 1708-20°	Regor 2016-20°	Vega 1818	Vega 1818-30°	Velorum 3919	Faberlux 3528	Faberlux 3537	Faberlux 3030	Bluetooth	DALI	DMX 512	Radio Frequency	Artnet / Micro Controller	
LT-3000-9.6-12	White	3000	9.6	12	120	8	25	5	80	84	806	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	●	—	
LT-4000-9.6-12	White	4000	9.6	12	120	8	25	5	80	86	826	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	●	—
LT-6500-9.6-12	White	6500	9.6	12	120	8	25	5	80	89	854	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	●	—
LT-6500-7.2-12	White	6500	7.2	24	160	6.5	—	1.5	—	—	—	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	●	—
LT-3000-7.2-12	White	3000	7.2	12	120	8	33	1.5	95	118	850	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	●	—
LT-4000-7.2-12	White	4000	7.2	12	120	8	33	1.5	95	128	922	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	●	—
LT-6000-7.2-12	White	6500	7.2	12	120	8	33	1.5	95	135	972	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	●	—
LT-2700-14.4-24	White	2700	14.4	24	160	10	50	5	95	118	1699	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	●	—
LT-3000-14.4-24	White	3000	14.4	24	160	10	50	5	95	118	1699	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	●	—
LT-4000-14.4-24	White	4000	14.4	24	160	10	50	5	95	128	1843	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	●	—
LT-6500-14.4-24	White	6500	14.4	24	160	10	50	5	95	135	1944	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	●	—
LT-TW-2700-6500-14.4-24	Tuneable White	2700 - 6500	14.4	24	160	10	100	3.5	95	128	1843	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	●	—
LT-DW3465-12.24-12	Digital White	3000 / 4000 / 6500	12.24	12	60	12	16.7	3.5	80	—	1050	●	—	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	—	—	—	●
LT-DRGB-10.8-12	Digital RGB	RGB	10.8	12	60	12	16.7	3.5	—	—	—	●	—	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	—	—	—	●
LT-DRGB-9.79-12	Digital RGB	RGB	9.79	12	48	10	62.5	3	—	—	—	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	—	—	—	●
LT-DRGB-9.79-24	Digital RGB	RGB	9.79	24	48	10	125	5	—	—	—	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	—	—	—	●
LT-DRGB-10.8-5	Digital RGB	RGB	10.8	5	60	10	16.7	2.5	—	—	230	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	—	—	—	●
LT-RGB-10.08-24	RGB	RGB	10.08	24	84	8	35.7	2	—	—	310	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	—
LT-RGB-19.2-24	RGB	RGB	19.2	24	120	8	50	3.5	—	—	650	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	—
LT-RGBW-14.4-24	RGB+W	RGB+thor 2835 White	14.4	24	144	12	83.3	5	95	—	650	●	—	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	—
LT-RGBW-25-24	RGB+W	RGB+thor 2835 White	25	24	192	12	62.5	3	95	—	1148	●	—	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	—	—

LT - Light Tape

TW - Tuneable White

Tuneable White LEDs provide an option to choose a specific white colour temperature ranging from warm 2700k to cool 6500k.

Digital - Digital LED

Digital LED strips can be configured to address individual LEDs or groups of the LEDs dependant on tape specification.

RGB - Red, Green, Blue

RGB LEDs use a 3-in-1 LED chip consisting of red, green and blue chips to produce a wide range of colours by mixing the three colours.

RGBW - Red, Green, Blue & White

RGBW LEDs use a 4-in-1 chip that has a white chip as well as red, green and blue. This allows for a wider range of colours than RGB LEDs.

Control Options

Our range of control options allows you to have complete flexibility and control over your lighting. From hardwired networks to wireless Bluetooth controls that can be managed using a smart phone, we offer solutions that are optimised to meet the needs of all applications.

Bluetooth

Many LEDs are controllable using Bluetooth and the Casambi ecosystem. Casambi allows users to control a lighting fixture using a Bluetooth signal on their mobile device or tablet.

DALI

DALI stands for Digital Addressable Lighting Interface. It is a 2-way communications protocol that is used to provide control over, and communication between, the components in a lighting system. One DALI network can support up to 64 lighting control ballasts.

DMX 512

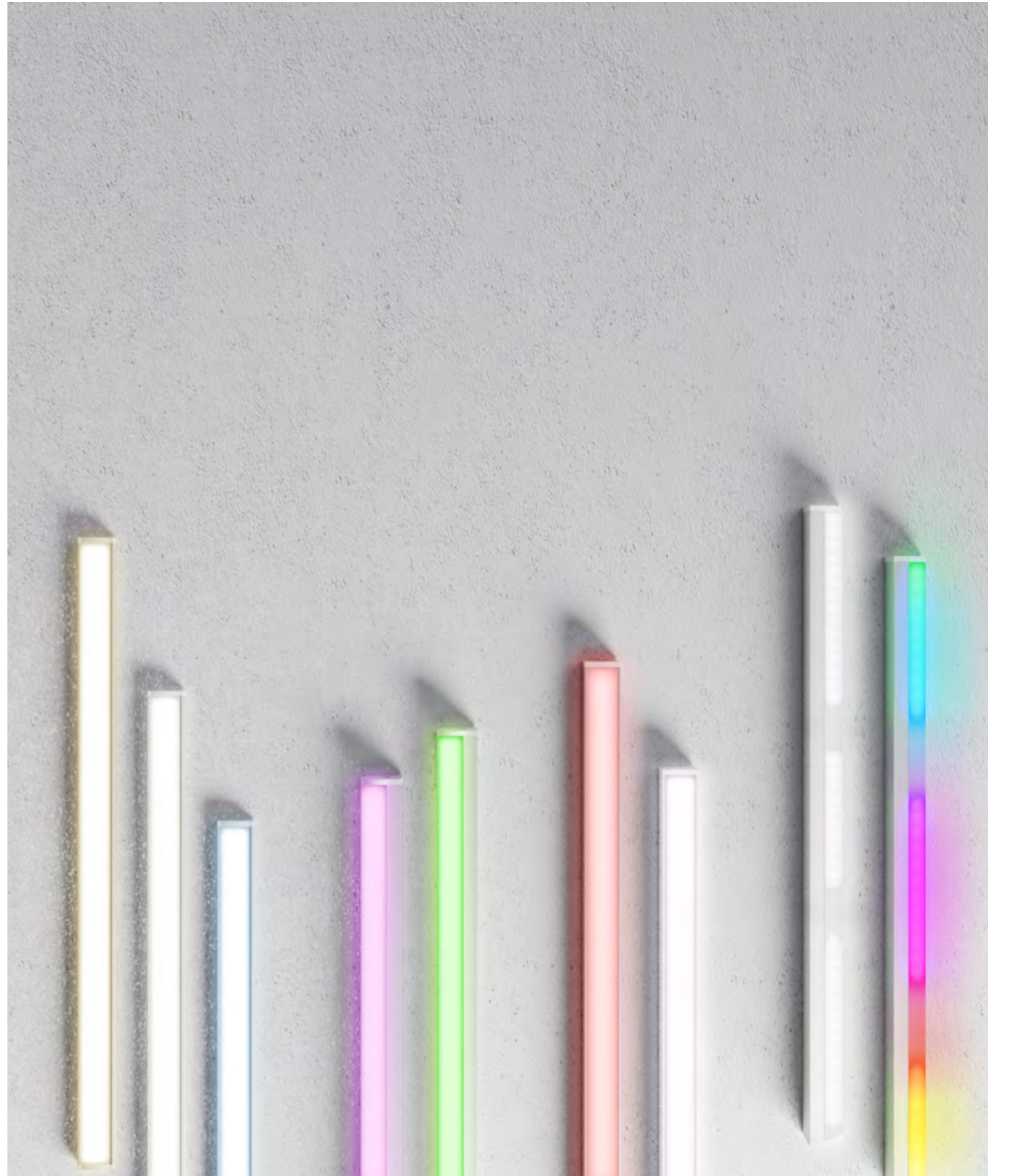
DMX512 is a standard for digital communication networks that are commonly used to control stage effects and lighting. Under the DMX protocol, up to 512 individual LED channels can be controlled. These 512 channels are known as a DMX universe.

Radio Frequency

Radio frequencies are used in many communication devices such as transmitters and receivers. Many LED controllers have an RF receiver and a remote with an RF transmitter that can control an LED lightsource wirelessly in the radio frequency spectrum.

Artnet / Micro Computer

Artnet is a communications protocol that allows the transfer of DMX512 lighting data to be transferred over an ethernet network. It is primarily used to run animations on digital LED strips. In some cases, a standalone controller (such as the Teensy 3.2 micro-controller) is a more appropriate device with which to run an animation.



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