

Aeon Flex G2

Product Guide

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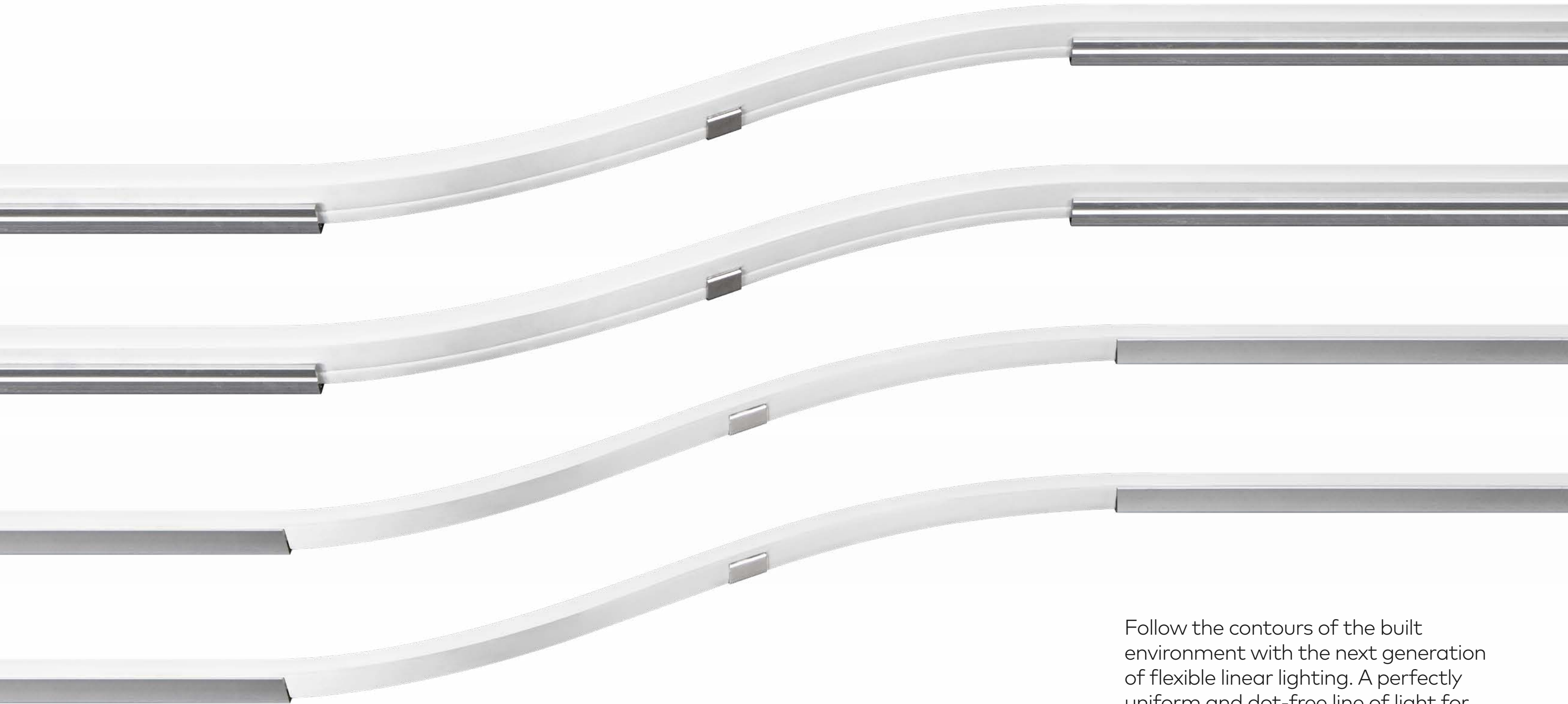
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Lighting simplified.

Building digital tools.
Sharing new knowledge.



Follow the contours of the built environment with the next generation of flexible linear lighting. A perfectly uniform and dot-free line of light for indoor and outdoor applications.

Introducing a cut-to-length service, longer run lengths and a new suite of intuitive accessories.

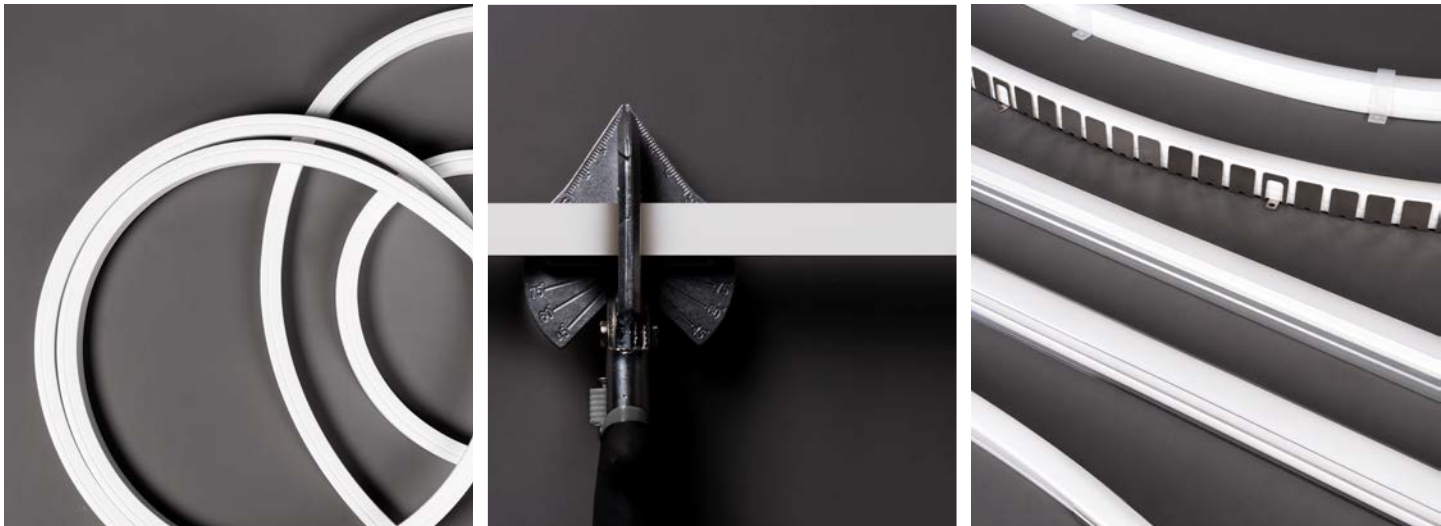


Colour consistency and accuracy

Whether utilised indoors along a curved bookshelf or outdoors illuminating a beautiful facade, Aeon Flex G2 has been developed to provide excellent colour rendition and minimal colour deviation. CRI90+ and SDCM≤2 means you can be assured in the Aeon Flex's colour performance for years to come.

A complete suite of flexible linear lighting

Direct or indirect illumination. Top or side emitting. Indoor or outdoor. Larger or smaller profiles. The Aeon Flex G2 range is a singular solution to any flexible linear lighting applications. Its versatile nature delivers a subtle or impactful homogeneous line of light for any application.



Introducing the Aeon Flex Essential

Aeon Flex Essential has been designed for applications that require longer single length runs with an IP65 rating (for indoor and outdoor use). Its silicone structure allows for longer run lengths (up to 13m in a single length), meaning a more continuous line of light, simpler installation and cost efficiencies.

Cut-to-length service for Aeon Flex Essential

Custom cut lengths from our Australian fabrication facility and assembled in less than 10 business days, the Aeon Flex Essential is perfectly suited to projects that require a quick turnaround. The custom cut lengths arrive onsite for the simplest of installations in the shortest timeframe.

A new range of accessories

An increased range of accessories provides new methods for mounting for situations of all kinds. The new clip and extrusion accessories provide mounting options without the use of adhesive, allowing more robust fixing for straight and curved design applications.

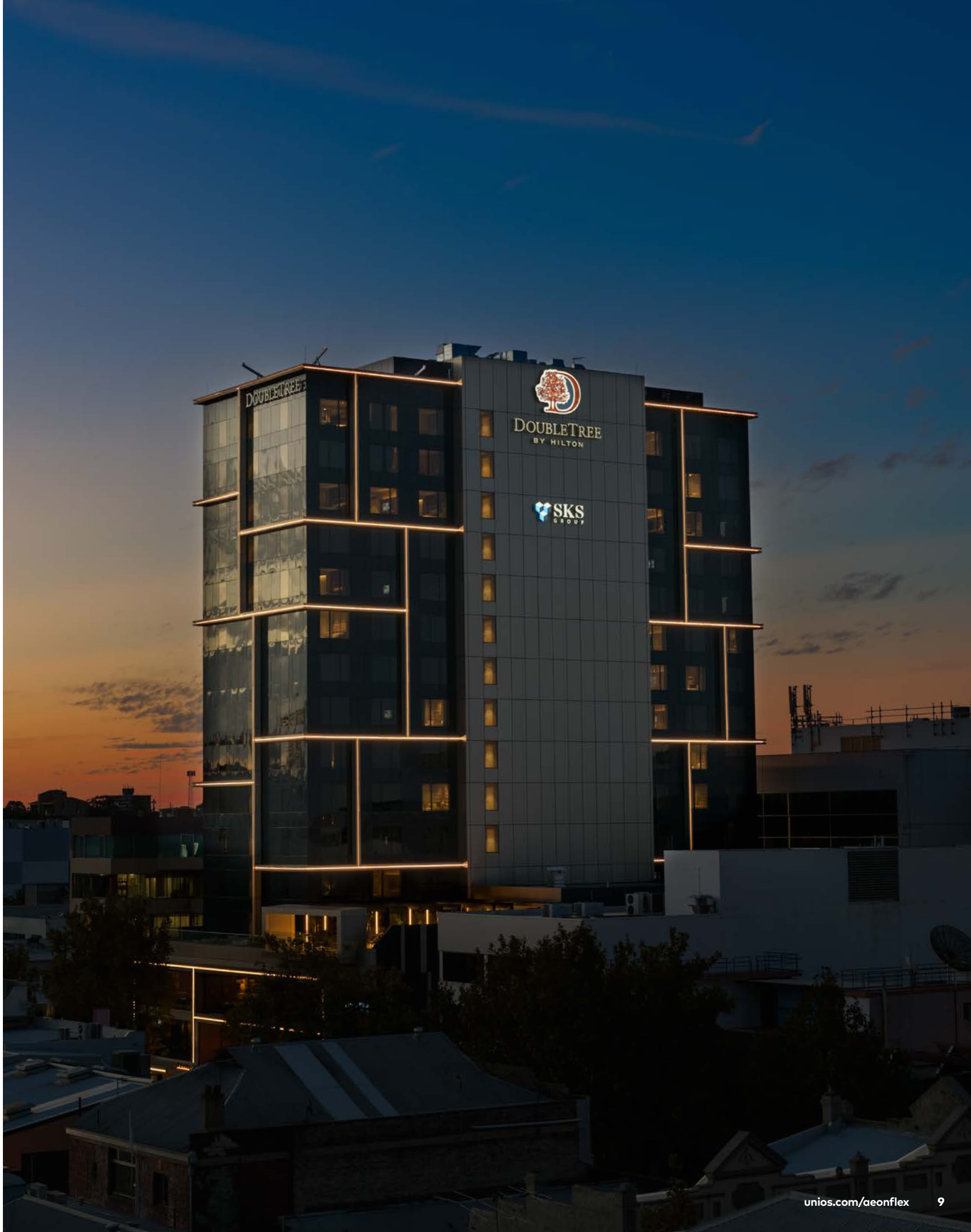
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Uniformity, flexibility and durability for all projects

The redevelopment of the Aeon Flex G2 Linear Series takes a leap forward in manufacturing technology and provides a new level of application versatility. With improved longevity, durability and flexibility – Aeon Flex G2 is a cut above the rest. Now available in two variations, Aeon Flex Pro and Aeon Flex Essential, there is a solution optimised for varying application priorities.

The Aeon Flex Pro provides superior durability, including the possibility of submersible applications. The Aeon Flex Essential can achieve longer run lengths, cost efficiencies for longer runs and an Australian fabricated cut-to-length service. Equally adept in short runs in sculptural structures or in large applications across an entire building facade, this linear series will effortlessly conform to any project.



State-of-the-art LED chip

The new 2835 SMD chip produces more light while drawing less power. The new technology significantly improves lifetime and produces greater colour consistency.



Redesigned flexible circuit

A reengineered flexible circuit with enhanced integration of copper provides improved overall strength and allows for longer single length runs.



Dot-free illumination

Aeon Flex G2 boasts consistent and uniform illumination for a seamless and dot-free aesthetic – creating continuous and consistent lines of light through space.



Versatile power options

Achieve the ideal output and performance with an option of 5W/m, 10W/m and 15W/m. The three power outputs can meet design intent every time.



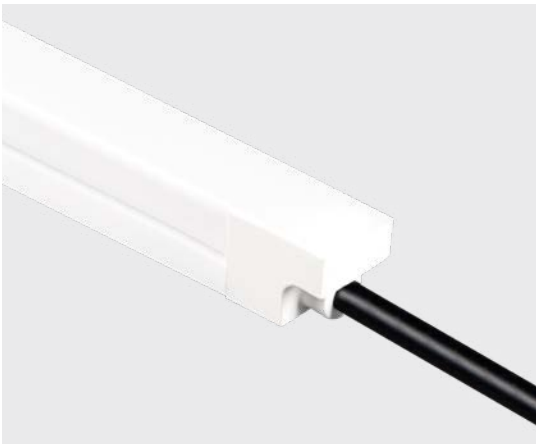
Improved colour rendering

Aeon Flex G2 achieves a CRI of 90+ without compromise in performance. Where traditionally, flexible linear lighting has prioritised output over colour rendering.



New accessories

To improve the range and ease of installation applications, new accessories have been developed. Each accessory has a use case to improve the product's versatility.



Aeon Flex Pro

Polyurethane material

Manufactured from an advanced polyurethane material that provides the most longevity and durability for outdoor applications.

IP68 rating

Designed with an IP68 rating for the most demanding of environments, including being suitable for underwater applications.

Cohesive end cap design

Available in end, rear or side entry, the new end cap and cable is designed as one for a completely cohesive join, meaning an IP68 cable termination.

Manufactured as a complete encapsulated unit

The manufacturing process allows for a full encapsulation of the strip inside the polyurethane, providing a fully submersible flexible linear solution.

26m run length (made from 5m increments)

The Aeon Flex Pro can be run in a continuous length from one input up to 18m for 10W/m or up to 26m for 5W/m. Not applicable for RGB, RGBW and Tunable White options.

Versatile options

Available in 5W/m, 8W/m, 10W/m and 15W/m; and is compatible with a full range of accessories.



Aeon Flex Essential

Silicone material

Manufactured from an extruded silicone material, allowing for longer single lengths and Australian fabricated custom lengths.

IP65 rating

Designed with an IP65 rating for applications not exposed directly to the elements such as indoors and under eaves.

Removable end cap design

The removable nature of this end cap design allows for quicker fabrication time and the ability to cut and customise lengths onsite.

Cut-to-length service

For a quicker turnaround and simpler installation, the Aeon Flex Essential can be cut onsite or by Unios at our Australian fabrication facilities.

13m run length (made from a single piece)

The Aeon Flex Essential can be run in a continuous length up to 13m for an uninterrupted line of light. Not applicable for RGB, RGBW and Tunable White options.

Streamlined options

Available in 10W/m and compatible with either standard mounting clips or an aluminium extrusion.

Models & Variations

Suitable for any direction
and any application



Top Emitting

Side Emitting

Light emitting directions

Aeon Flex Pro and Essential are both available in side and top emitting light directions. Select side emitting for curving around surfaces where indirect illumination is desired. Use top emitting for applications requiring a more direct light source.

Sizes and models

To suit different design and performance applications, both Aeon Flex Pro and Essential are available in a standard (18mm width) and mini (~10mm width) size. Where a discrete size is required, the mini sizes provides a high level of performance in a compact form.





A miniature size for those compact applications

As narrow as a HB pencil

At just 6mm in width, a true side emitting model in a miniature size is born. For design applications that require the thinnest line of light possible while delivering great performance, Aeon Flex Mini Side can offer a slimline side emitting solution.

Smaller bending radius

The bending radius is 120mm for Aeon Flex Mini Side compared to 240mm for standard size options. For applications that require tighter curves in compact areas, the Aeon Flex Mini is the ideal solution.

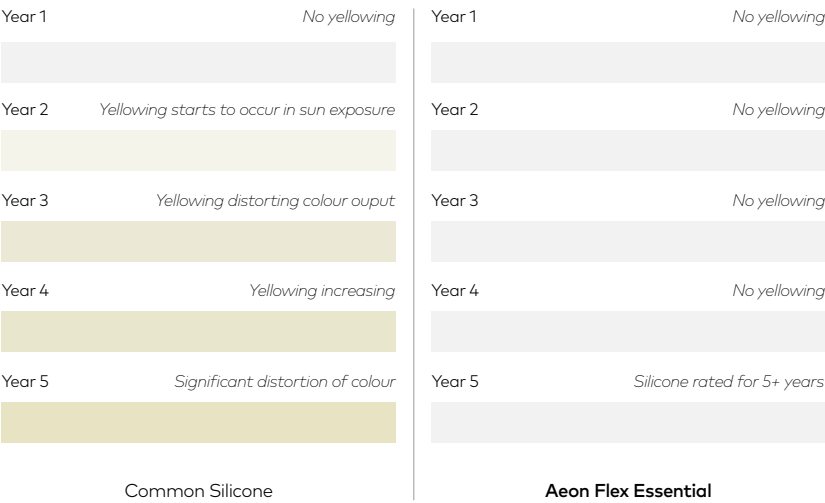
Dot-free illumination

Despite its diminutive dimensions, the Aeon Flex Mini achieves a completely homogeneous line of light. Available for both the Pro and Essential models, Aeon Flex Mini is equipped to provide a dot-free aesthetic for those applications requiring a more compact extrusion.

Not so mini performance

The Aeon Flex Mini punches well above its weight when it comes to performance, delivering up to 59lm/W per metre. Whether it is side or top emitting in Pro or Essential, there is minimal compromise in performance compared to the standard size options.

Quality of Silicone



Silicone is a widely manufactured material. Like diamonds, there are many grades ranging from highly unstable to the finest quality. Aeon Flex Essential is equipped with the highest grade of silicone available on the market.

A reputable source

Unios utilises silicone from a leading manufacturer from the USA. Not all silicone is manufactured the same – Unios' silicone is superior from a quality and durability perspective.

Superior UV lifetime

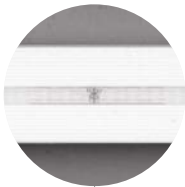
Due to its high-grade silicone, Aeon Flex Essential has a UV resistant lifetime of 5+ years compared to the 2 years of common forms of silicone used in LED luminaires.

Fully encapsulated product

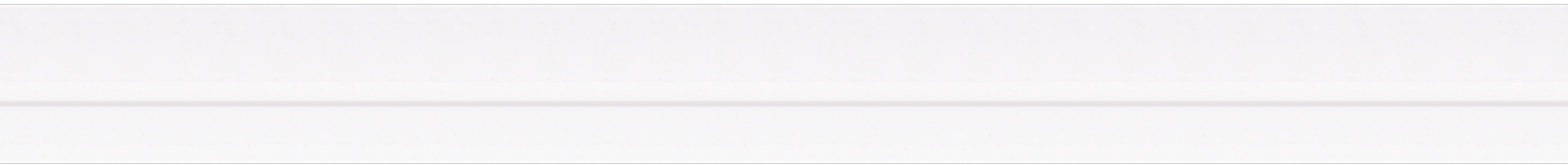
To maximise durability, the silicone and LED strip is manufactured as a fully encapsulated unit. The silicone and LED strip are commonly separate manufacturing processes in flexible linear lighting products.



Cut-to-Length Service
Aeon Flex Essential



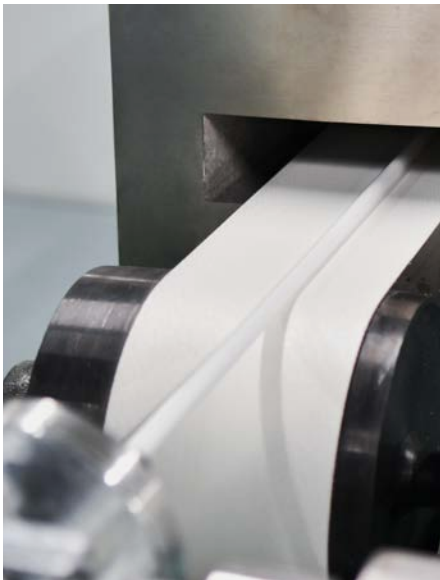
50mm increments
Each length of the silicone material is marked at 50mm increments, providing a simple indicator of where the Aeon Flex can be cut.



End cap assembly
Once cut, simply insert and secure an end cap onto the profile. Ensure you have the correct cable entry for the desired application.



Simple connection
Once the end cap has been secured, you are ready to either connect another profile for additional length or connect a power supply.



Open up a world of
possibility with silicone

The Aeon Flex Essential can be cut to custom lengths through our local Australian fabrication service. From placement of order, each length can be cut into 50mm increments up to a maximum length of 20m, in 10 business days. The silicone material can also be easily cut and reassembled onsite, removing the common hassle of lengths that don't quite fit.

Front view Side view

1

End cable entry

For the simplest of installation applications where additional profiles are not being abutted.

Suitable for all Aeon Flex models.

Front view Side view

2

Rear cable entry

Perfect for abutting profiles for an uninterrupted line of light, hiding the cable underneath.

Not suitable for Aeon Flex Pro Mini Models.

Front view Side view

3

Side cable entry

Suitable for locations where the profile is surface mounted and the base is hidden.

Not suitable for Aeon Flex Pro Mini Models.

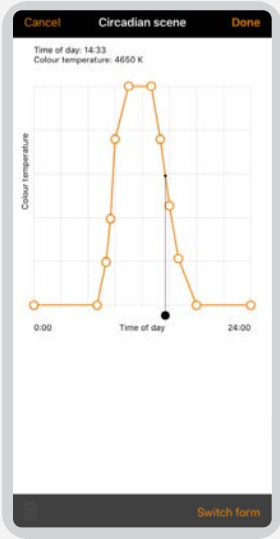
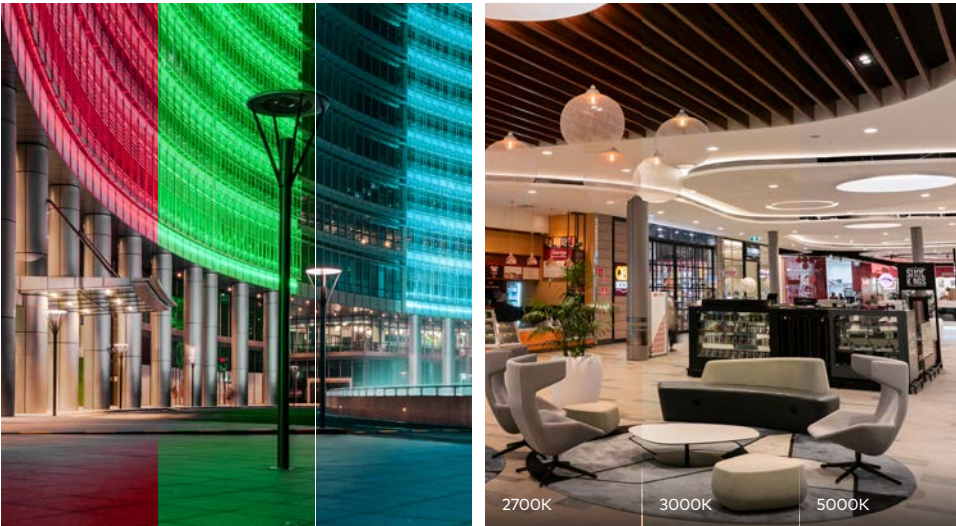
A colour option for every occasion and every preference

RGB and RGBW

Explore different patterns, shapes and colours with Aeon Flex G2. With RGB, you can produce almost any colour to create striking effects on buildings and facades. For a truer representation of white, configure Aeon Flex G2 with RGBW, which adds an additional white chip (on top of Red, Green and Blue).

Tunable White

Adjust colour temperatures between 2700K to 6500K with the Aeon Flex G2 tunable white option. Adapt the mood of a space throughout the day based on personal preference or pair with Casambi Bluetooth for a solution that adapts colour temperature throughout the day to promote comfort and well-being.

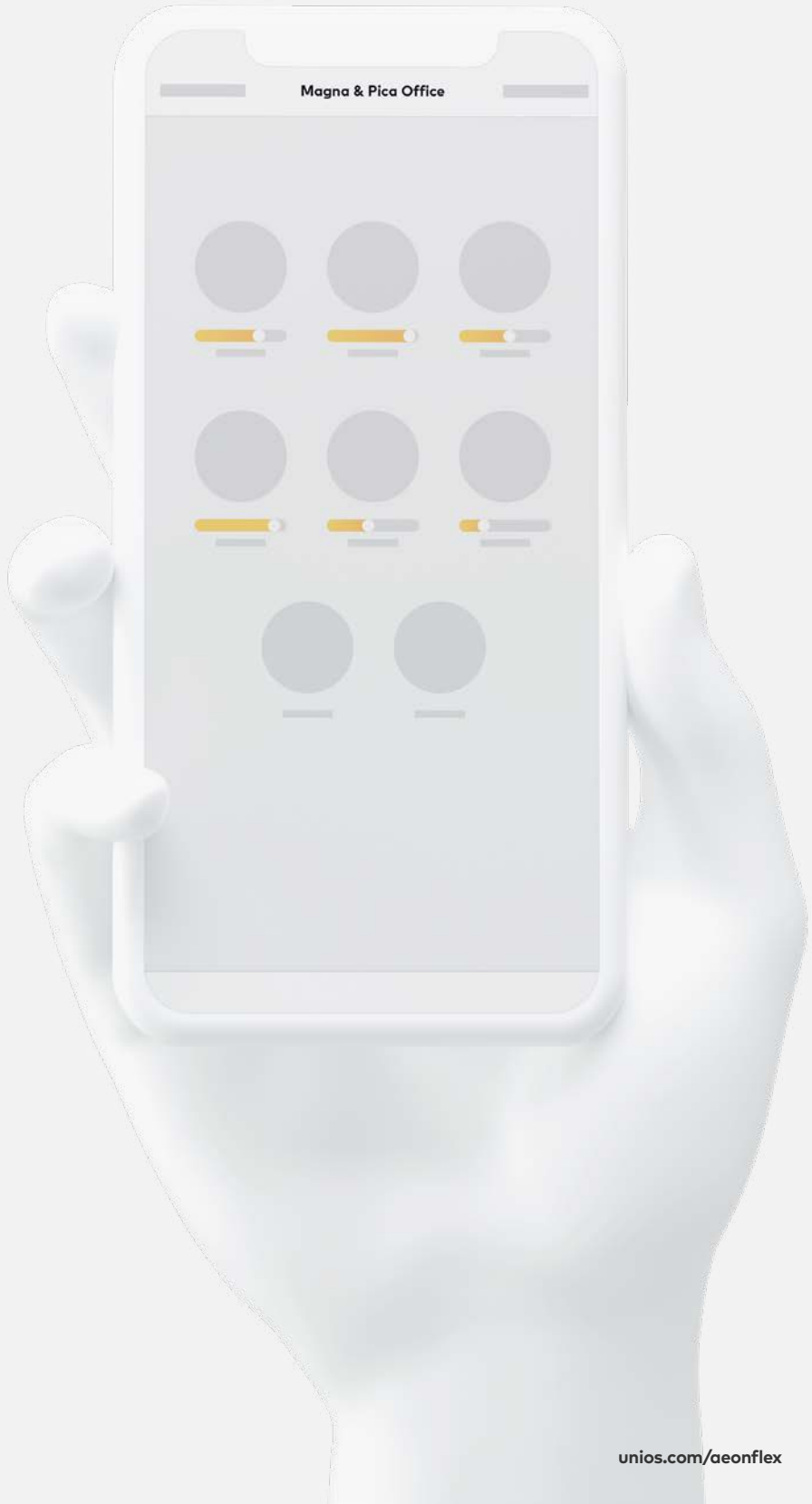


Casambi Bluetooth Technology

Aeon Flex G2 is Casambi Bluetooth compatible, ready to be a part of a complete solution for a project. With the complete Unios range compatible with Casambi Bluetooth, an end-to-end Casambi solution can be configured for the most complex of projects.

Circadian Rhythm

Studies show that the colour temperature of lighting can have great influence over our moods and how we perceive our environments. With the Casambi app, you can customise the lighting to adjust colour temperature throughout the day.



A new suite of accessories to improve installation versatility and increase longevity

1

Silicone Saddle Kit
Suitable with Pro

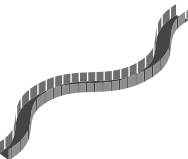
The silicone saddle kit allows for the sturdiest upside down mounting for maximum longevity without the use of additional construction adhesives.



2

Flexible Extrusion
Suitable with Pro Side

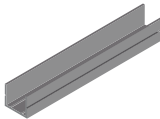
The flexible stainless steel extrusion (500mm lengths) provides an installation option for complex shapes without the need for additional construction adhesives.



3

Aluminium Extrusion
Suitable with Pro and Essential

Use the aluminium extrusion to create simple straight runs that are rigid and seamless. The purpose built grooves provide the easiest of installation methods.



4

Polycarbonate Extrusion
Suitable with Pro

This clear polycarbonate extrusion is suited for submersible applications. Its polycarbonate material is highly durable and suited for the most robust weather conditions.



5

Mounting Clips
Suitable with Pro and Essential

These standard mounting clips provide a hassle-free, sturdy and durable installation method that can produce simple curved designs.



1

2

3

4

5

Commercial scenario

To simplify the product selection process for Aeon Flex G2, a scenario of a shopping complex has been created. The scenario includes various ways different Aeon Flex types and directions can be utilised.

Tip 1: For applications where the product isn't exposed to the harsh environments, use the Aeon Flex Essential. With a longer run length from a single piece, the Essential reduces costs through reduced installation times.

Tip 2: Using the right accessory for the right application will keep the product fixed in the desired position for years to come.

1
Aeon Flex Pro Top w/ Aluminium Extrusion

Define the lines of light throughout your exterior design by pairing the Aeon Flex Pro with Aluminium Extrusion. The polyurethane build of the Aeon Flex Pro is perfect against harsh environments.

2
Aeon Flex Pro Side w/ Saddle Clips

Perfect for curved indirect lighting around curved structures, the Aeon Flex Pro installed with saddle clips allows the luminaire to follow the curve around objects perfectly and hold it in place.

3
Aeon Flex Pro Mini Top w/ Mounting Clips

Create a direct line of light around the trim of a garden bed. The polyurethane build is perfect for outdoor areas affected by the weather and the mounting clips keep the the curvature in place.

4
Aeon Flex Pro Mini Side w/ Saddle Clips

Give a soft floating glow to your application using use the Pro Mini Side's miniature size to its advantage. The saddle clips ensure the longevity of installation.

5
Aeon Flex Essential Mini Side w/ Mounting Clips

The Mini Side has been introduced to add an option for highlights into an area where space is limited. Use in conjunction with mounting clips to curve around objects and structures.

6
Aeon Flex Essential Top w/ Mounting Clips

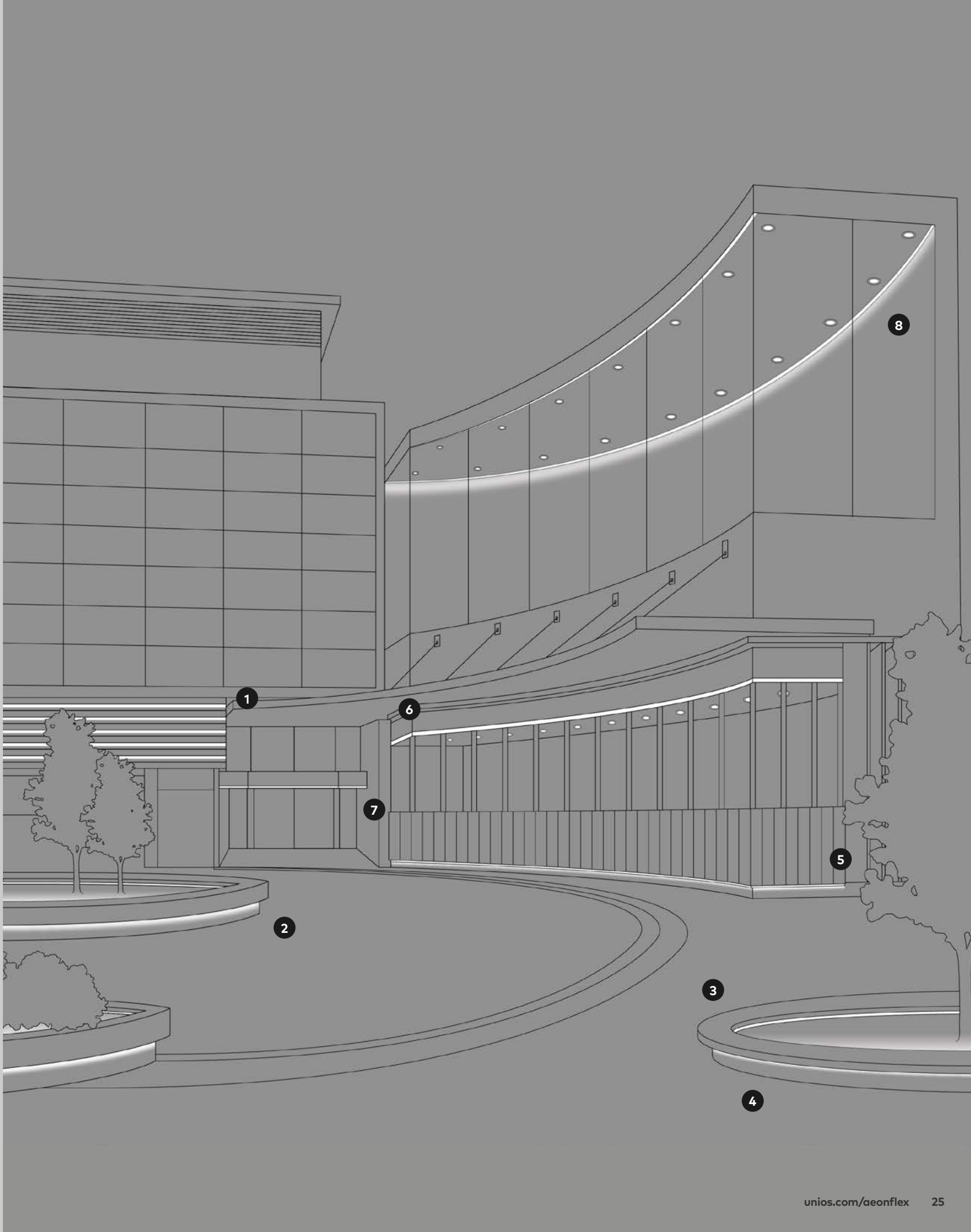
With a maximum length of 10m, the Essential Top is suited for a longer single continuous line. Recess the mounting clips into a channel to turn this into a seamless line of light.

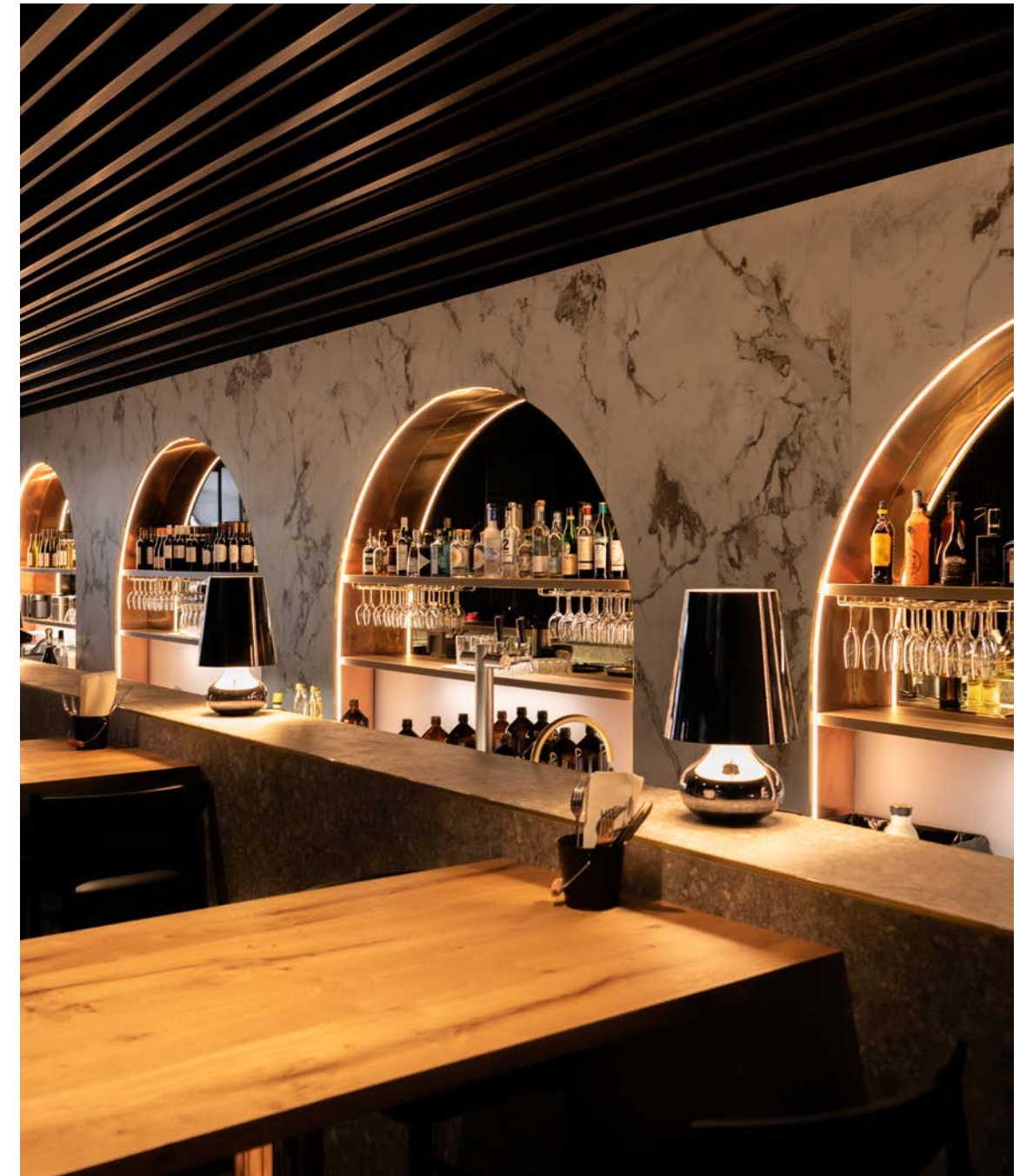
7
Aeon Flex Essential Mini Top w/ Aluminium Extrusion

Add subtle highlights to entries and key locations. The Mini Top provides an additional option for a thinner strip of light to your projects when preferred.

8
Aeon Flex Essential Side w/ Aluminium Extrusion

Cut the extrusion to shorter lengths to provide a secure method for mounting the Aeon Flex around the edges of your curved ceiling pelmets or troughs.





Aeon Flex Essential
Flexible Linear Light
Side
Built HQ

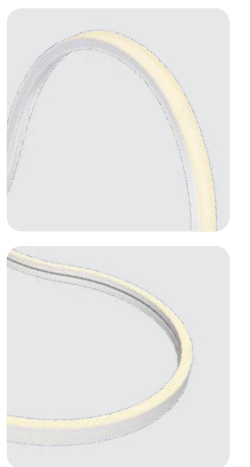
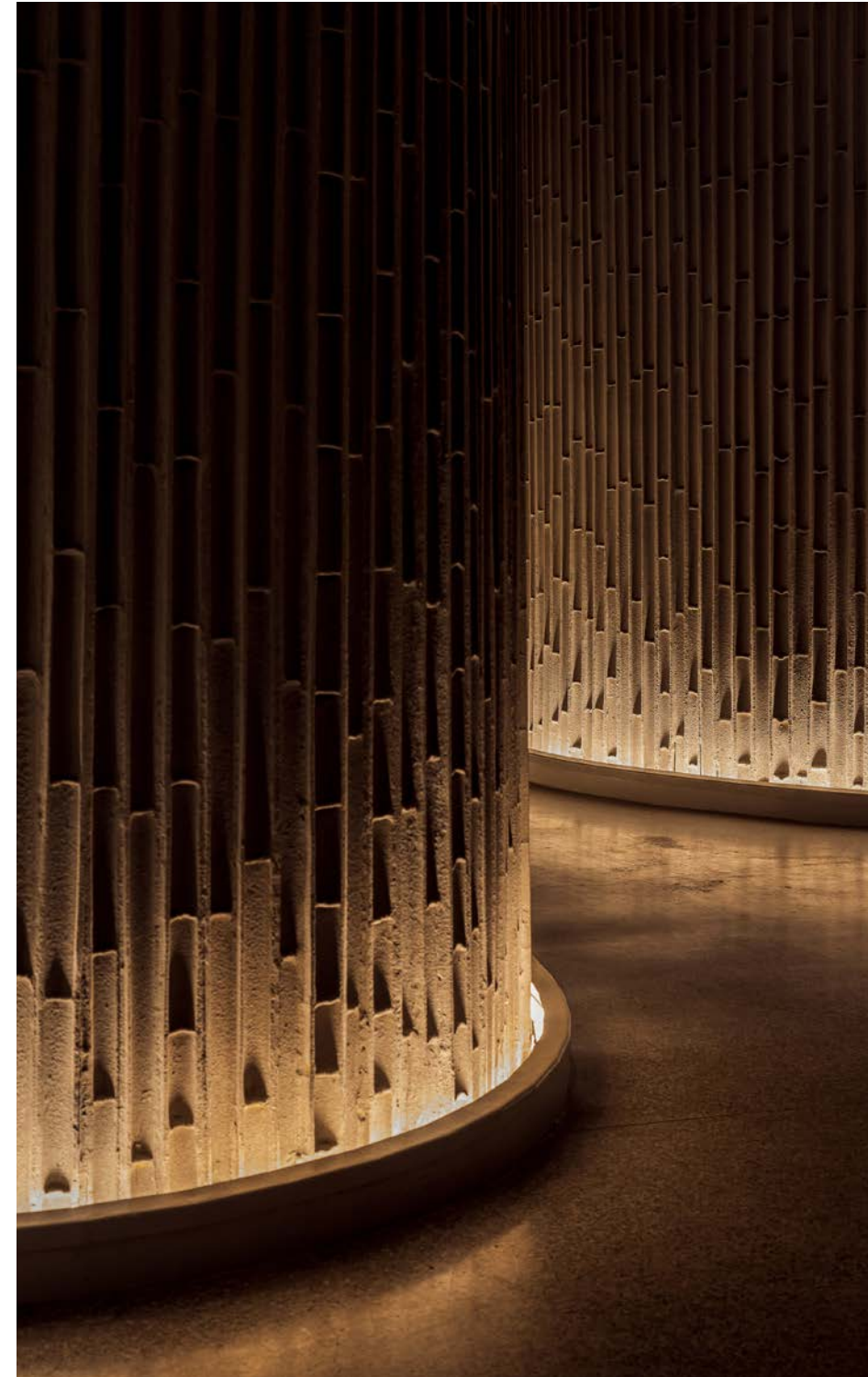
Aeon Flex Essential
Flexible Linear Light
Mini Top
Casa Nostra



Aeon Flex Essential
Flexible Linear Light
Top
Vitality House

Aeon Flex Pro
Flexible Linear Light
Side
SwanCare





Aeon Flex Pro
Flexible Linear Light
Top
Moss Hotel

Aeon Flex Essential
Flexible Linear Light
Side
Tre Dining



1



2











1	Aeon Flex Pro Flexible Linear Series	Page 38	5W/m - 15W/m	See unios.com/aeonflexpro for more details
2	Aeon Flex Essential Flexible Linear Series	Page 42	10W/m	See unios.com/aeonflexessential for more details

A guide to choosing the right Aeon Flex for your project.

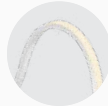



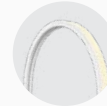
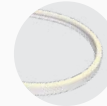
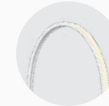

Use the Model Comparison table below to learn more about each Aeon Flex product and find the most suitable specifications for your project's requirements. The Maximum Length Guide table details each Aeon Flex product's maximum length from a single connected power feed, which can be helpful when using the Wiring Guide on page 36.

Model Comparison

								
	Pro Top Emitting	Pro Side Emitting	Pro Mini Top Emitting	Pro Mini Side Emitting	Essential Top Emitting	Essential Side Emitting	Essential Mini Top Emitting	Essential Mini Side Emitting
Power	5W/m, 10W/m, 15W/m		5W/m, 10W/m	5W/m, 8W/m	10W/m			
Absolute Luminous Flux	284–905lm (per metre)	185–624lm (per metre)	257–593lm (per metre)	212–486lm (per metre)	444–469lm (per metre)	255–275lm (per metre)	524–558lm (per metre)	284–311lm (per metre)
Colour Temp	2700K, 3000K, 4000K, RGB, RGBW, Tunable White				2700K, 3000K, 4000K, RGB, RGBW, Tunable White			
Material	Encapsulated Polyurethane				Extruded Silicone			
UV Resistance	10+ years				5+ years			
IP Rating	IP68 (up to 2m)				IP65			
Indoor Suitability	●●●●○				●●●●●			
Outdoor Suitability ¹	●●●●●				●●●○○			
Lifetime	>50,000h L80B10				>50,000h L80B10			
CRI (Ra/R9)	90+ / >50				90+ / >50			
Beam	120°				120°			
Warranty	5 years				5 years			
Availability	Made to order Custom lengths can be cut on order by Unios				Top, Side and Mini Top stocked in 20m rolls Custom lengths can be cut on order by Unios or cut onsite Mini Side is made to order			

1. Aeon Flex Essential is ideal for outdoor use where the silicone is not exposed directly to weather conditions.

Maximum Length Guide

								
	Pro Top Emitting	Pro Side Emitting	Pro Mini Top Emitting	Pro Mini Side Emitting	Essential Top Emitting	Essential Side Emitting	Essential Mini Top Emitting	Essential Mini Side Emitting
Maximum Manufactured Length (Single piece)	5m				20m (2700K, 3000K, 4000K)* 5m (RGB, RGBW, Tunable White)			
	5W/m Maximum Length from Single Connected Power Feed							
2700K/3000K/4000K	26m	23m	19m	5m	-			
RGB	-			5m	-			
RGBW	-							
Tunable White	5m				-			
	8W/m Maximum Length from Single Connected Power Feed							
2700K/3000K/4000K	-			5m	-			
RGB	-			5m	-			
RGBW	-							
Tunable White	-			5m	-			
	10W/m Maximum Length from Single Connected Power Feed							
2700K/3000K/4000K	18m	16m	12m	-	10m		8m	13m
RGB	5m			-	5m			
RGBW	5m		-		5m		-	-
Tunable White	5m			-	5m			
	15W/m Maximum Length from Single Connected Power Feed							
2700K/3000K/4000K	14m	12m	-					
RGB	-							
RGBW	5m		-					
Tunable White	5m		-					

* The Aeon Flex Essential can be supplied in 20m rolls for on-site cutting. However, cut lengths must not exceed the stated Maximum Length from Single Connected Power Feed.

A wiring guide to Aeon Flex

To explain how you can approach different wiring methods with the Aeon Flex, we have created a few scenarios with varying project requirements and conditions.

For demonstrative purposes, we have used the Aeon Flex Pro (Top Emitting) 10W/m model at 3000K as our example. However, the wiring processes and methods presented below apply to all Aeon Flex models.

Before wiring an Aeon Flex product, there are three main pieces of information that you'd need to know:

The **Required Length**, which depends on your project's needs and requirements.

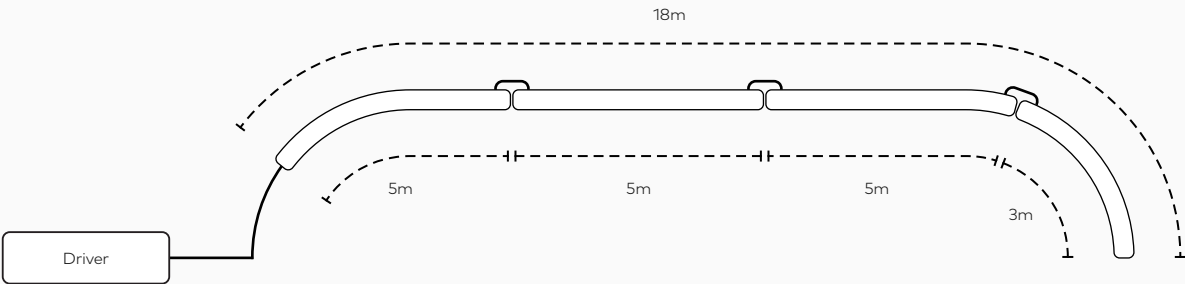
The **Maximum Length from Single Connected Power Feed** of your Aeon Flex product (refer to Page 35).

The **Maximum Manufactured Length** of your Aeon Flex product (refer to Page 35).

Example 1: When the Required Length does not exceed the Maximum Length from Single Connected Power Feed.

The below illustration demonstrates simple applications of the Aeon Flex where the Required Length does not exceed the Maximum Length from a Single Connected Power Feed.

Luminaire	Requirements		Application (Below)	
Aeon Flex Pro Top Flexible Linear Light Power: 10W/m CCT: 3000K	Total Required Length	18m	Total Length	18m
	Max. Length from Single Connected Power Feed	18m	Length from Single Connected Power Feed	18m
	Max. Manufactured Length	5m	Length Increments	5m, 3m
	Required Wattage	180W	Driver: 250W Driver	

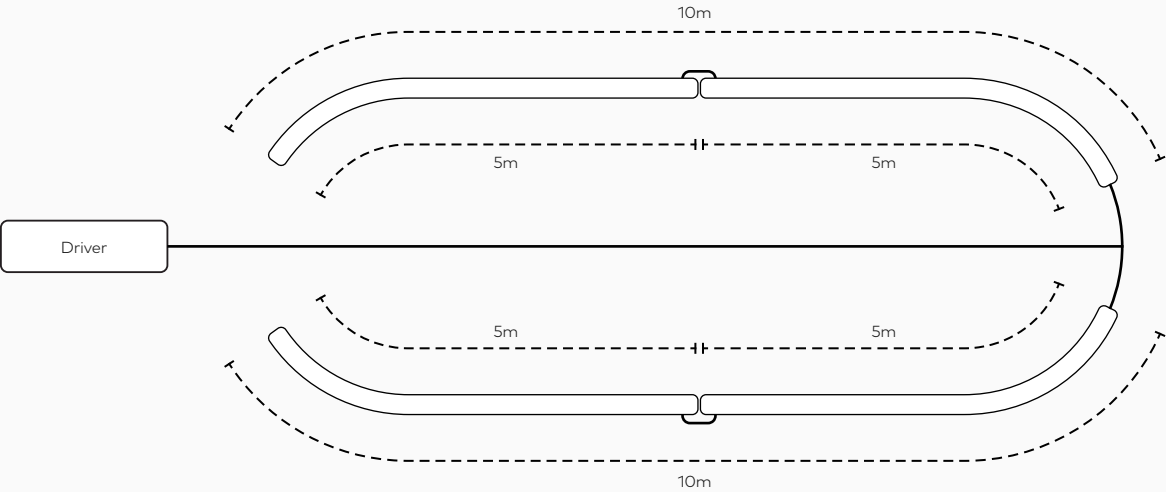


Example 2: When the Required Length exceeds the Maximum Length from Single Connected Power Feed.

Using a single driver

The below demonstrates a scenario where the Required Length exceeds the Maximum Length from Single Connected Power Feed but does not exceed the driver capacity. It is suitable for when you can run extra cable to achieve the application.

Luminaire	Requirements		Application (Below)	
Aeon Flex Pro Top Flexible Linear Light Power: 10W/m CCT: 3000K	Total Required Length	20m	Total Length	20m
	Max. Length from Single Connected Power Feed	18m	Length from Single Connected Power Feed	10m
	Max. Manufactured Length	5m	Length Increments	5m
	Required Wattage	200W	Driver: 1x 250W Driver	

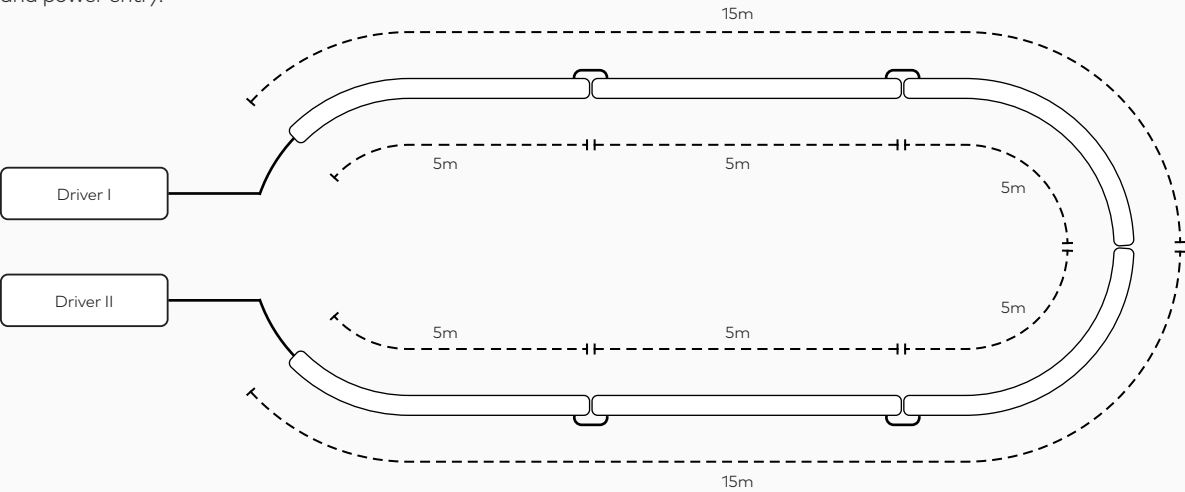


Example 3: When the Required Length exceeds the driver capacity and the Maximum Length from Single Connected Power Feed.

Using two drivers

The below demonstrates a scenario where the Required Length exceeds the Maximum Length from Single Connected Power Feed. It also exceeds the driver capacity, which requires splitting the load into two drivers. Alternatively, the application is suitable for when you cannot run long cables between the driver and power entry.

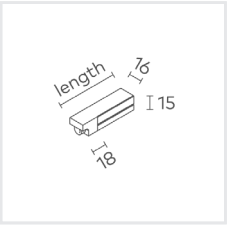

Luminaire	Requirements		Application (Below)	
Aeon Flex Pro Top Flexible Linear Light Power: 10W/m CCT: 3000K	Total Required Length	30m	Total Length	30m
	Max. Length from Single Connected Power Feed	18m	Length from Single Connected Power Feed	15m
	Max. Manufactured Length	5m	Length Increments	5m
	Required Wattage	300W	Driver: 2x 250W Driver	



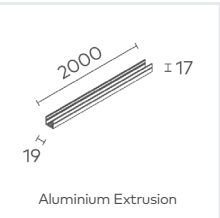
Aeon Flex Pro Top

Flexible Linear Light

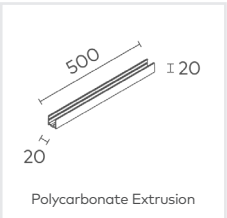
Luminaire



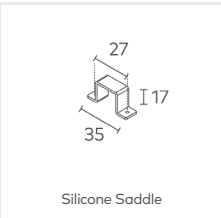
Accessories



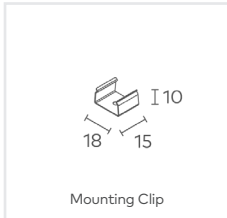
Aluminium Extrusion



Polycarbonate Extrusion



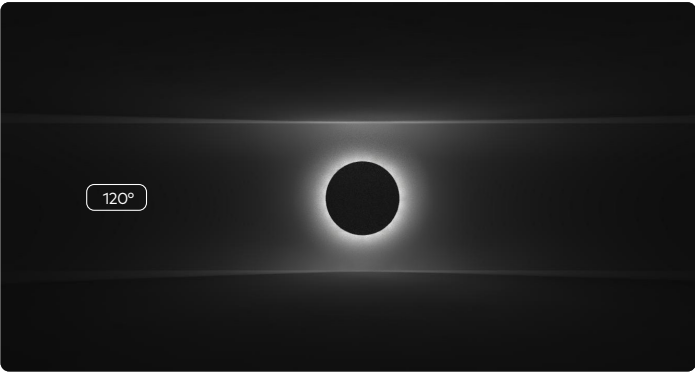
Silicone Saddle



Mounting Clip

		LED Power	Lengths (mm)	Lumens (at 3000K)	Beam	Cable Entries	RGB	RGBW	Tunable White
1	Top (Single Entry 5W)	5W/m (24V DC)	48-5006 (Cut length increments + 6mm end cap)	310lm/m	120°	Rear, End, Side	-	-	Yes
	Single Entry 10W	10W/m (24V DC)		609lm/m			Yes	Yes	Yes
	Single Entry 15W	15W/m (24V DC)		864lm/m			-	Yes	Yes
	Top (Dual Entry 5W)	5W/m (24V DC)	54-5012 (Cut length increments + 2x 6mm end caps)	310lm/m			-	-	Yes
	Dual Entry 10W	10W/m (24V DC)		609lm/m			Yes	Yes	Yes
	Dual Entry 15W	15W/m (24V DC)		864lm/m			-	Yes	Yes

Key Information		Design		Performance		Driver	
Mounting	Surface, Recessed	Product Family	Aeon Flex	Lumen efficacy	Up to 63lm/W	Non-Dim	Remote
LED CCT	<div><div>2700K</div><div>3000K</div><div>4000K</div><div>RGB</div><div>RGBW</div><div>2700K-6500K (Tunable White CRI80+)</div></div>	Material	Encapsulated Polyurethane	CRI (Ra/R9)	90+ (R9: >50)	Phase Cut	Remote
		IP Rating	IP68 (up to 2m)	Lifetime (Ta 25°C)	>50,000h L80B10	DALI	Remote
		Class Rating	Class III	Ambient Temperature Range	10°- 30°C	Bluetooth	Remote
		Minimum Bend Diameter	300mm	SDCM	≤2		
		Standard Cut Lengths	41.66mm				
Warranty	5 Years	RGB Cut Lengths	71.43mm				
		RGBW Cut Lengths	71.43mm				
		Tunable White Cut Lengths	50mm				
		Cut Tolerance	+/- 12mm				
		Standard Cable Length	300mm				



Available Accessories
Aluminum Extrusion
Polycarbonate Extrusion
Accessory Kit (20 clips, 20 screws, 5 end caps)
Silicone Saddle Kit
IP68 Connector Kit

Notes

When ordering the Aeon Flex Pro, 4 clips per metre plus 2 end caps and an additional male+female IP68 connector are included.

Ensure that during installation the predetermined bending direction is never changed. The product must not be twisted.

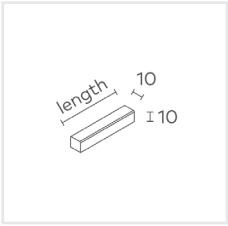

Aeon Flex is a non-trafficable luminaire.



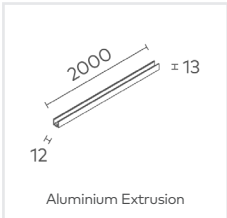
Aeon Flex Pro Mini Top

Flexible Linear Light

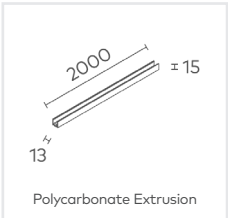
Luminaire



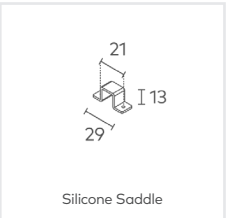
Accessories




Aluminium Extrusion



Polycarbonate Extrusion



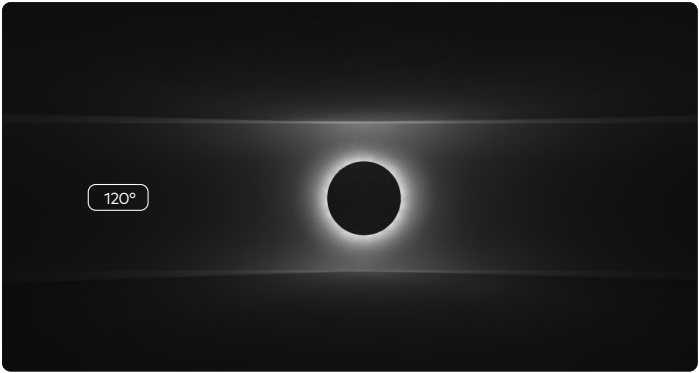
Silicone Saddle



Mounting Clip

		LED Power	Lengths (mm)	Lumens (at 3000K)	Beam	Cable Entries	RGB	RGBW	Tunable White
1	Mini Top (Single Entry 5W)	5W/m (24V DC)	49-5007mm (Cut length increments + 7mm end cap)	301lm/m	120°	End	-	-	Yes
	Single Entry 10W	10W/m (24V DC)		592lm/m			Yes	-	Yes
	Mini Top (Dual Entry 5W)	5W/m (24V DC)	56-5014mm (Cut length increments + 2x 7mm end caps)	301lm/m			-	-	Yes
	Dual Entry 10W	10W/m (24V DC)		592lm/m			Yes	-	Yes

Key Information		Design		Performance		Driver	
Mounting	Surface, Recessed	Product Family	Aeon Flex	Lumen efficacy	Up to 60lm/W	Non-Dim	Remote
LED CCT	<div><div>2700K</div><div>3000K</div><div>4000K</div><div>RGB</div><div>RGBW</div><div>2700K-6500K (Tunable White CRI80+)</div></div>	Material	Encapsulated Polyurethane	CRI (Ra/R9)	90+ (R9: >50)	Phase Cut	Remote
		IP Rating	IP67	Lifetime (Ta 25°C)	>50,000h L80B10	DALI	Remote
		Class Rating	Class III	Ambient Temperature Range	10°- 30°C	Bluetooth	Remote
		Minimum Bend Diameter	150mm	SDCM	≤2		
		Standard Cut Lengths	41.66mm				
Warranty	5 Years	RGB Cut Lengths	50mm				
		Tunable White Cut Lengths	50mm				
		Cut Tolerance	+/-12mm				
		Standard Cable Length	300mm				



Available Accessories
Aluminum Extrusion
Polycarbonate Extrusion
Accessory Kit (20 clips, 20 screws, 5 end caps)
Silicone Saddle Kit
IP67 Connector Kit

Notes

When ordering the Aeon Flex Pro, 4 clips per metre plus 2 end caps and an additional male+female IP68 connector are included.

Ensure that during installation the predetermined bending direction is never changed. The product must not be twisted.

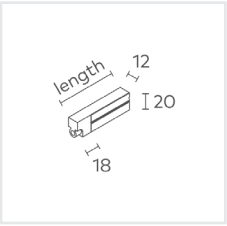
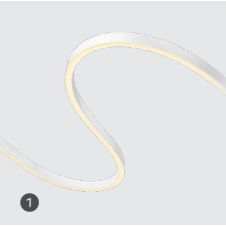
Aeon Flex is a non-trafficable luminaire.



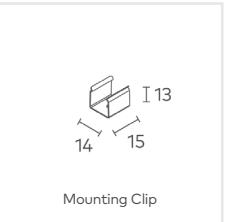
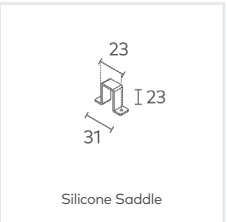
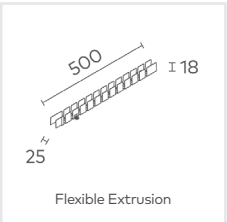
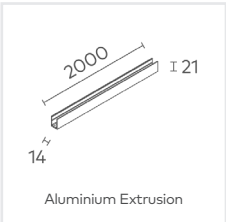
Aeon Flex Pro Side

Flexible Linear Light

Luminaire



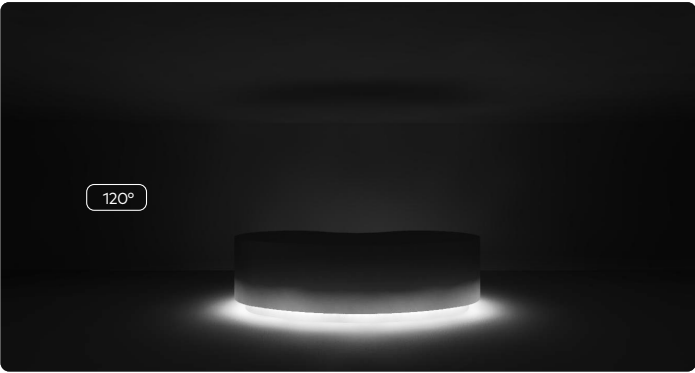
Accessories



Aluminium ExtrusionFlexible ExtrusionSilicone SaddleMounting Clip

		LED Power	Lengths (mm)	Lumens (at 3000K)	Beam	Cable Entries	RGB	RGBW	Tunable White
1	Side (Single Entry 5W)	5W/m (24V DC)	47-5005 (Cut length increments + 5mm end cap)	223lm/m	120°	Rear, Side, End	-	-	Yes
	Single Entry 10W	10W/m (24V DC)		438lm/m			Yes	Yes	Yes
	Single Entry 15W	15W/m (24V DC)		621lm/m			-	Yes	Yes
	Side (Dual Entry 5W)	5W/m (24V DC)	52-5010 (Cut length increments + 2x 5mm end caps)	223lm/m			-	-	Yes
	Dual Entry 10W	10W/m (24V DC)		438lm/m			Yes	Yes	Yes
	Dual Entry 15W	15W/m (24V DC)		621lm/m			-	Yes	Yes

Key Information		Design		Performance		Driver	
Mounting	Surface, Recessed	Product Family	Aeon Flex	Lumen efficacy	Up to 44lm/W	Non-Dim	Remote
LED CCT	<div><div>2700K</div><div>3000K</div><div>4000K</div><div>RGB</div><div>RGBW</div><div>2700K-6500K (Tunable White CRI80+)</div></div>	Material	Encapsulated Polyurethane	CRI (Ra/R9)	90+ (R9: >50)	Phase Cut	Remote
		IP Rating	IP68	Lifetime (Ta 25°C)	>50,000h L80B10	DALI	Remote
		Class Rating	Class III	Ambient Temperature Range	10°- 30°C	Bluetooth	Remote
		Minimum Bend Diameter	300mm	SDCM	≤2		
		Standard Cut Lengths	41.66mm				
Warranty	5 Years	RGB Cut Lengths	71.43mm				
		RGBW Cut Lengths	71.43mm				
		Tunable White Cut Lengths	50mm				
		Cut Tolerance	+/-12mm				
		Standard Cable Length	300mm				



Available Accessories
Aluminum Extrusion
Flexible Extrusion
Accessory Kit (20 clips, 20 screws, 5 end caps)
Silicone Saddle Kit
IP68 Connector Kit

Notes

When ordering the Aeon Flex Pro, 4 clips per metre plus 2 end caps and an additional male+female IP68 connector are included.

Ensure that during installation the predetermined bending direction is never changed. The product must not be twisted.

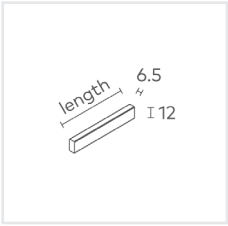

Aeon Flex is a non-trafficable luminaire.



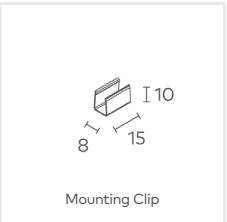
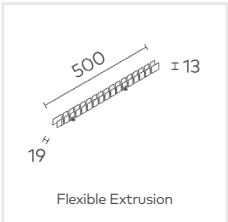
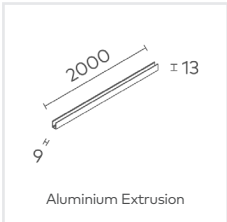
Aeon Flex Pro Mini Side

Flexible Linear Light

Luminaire



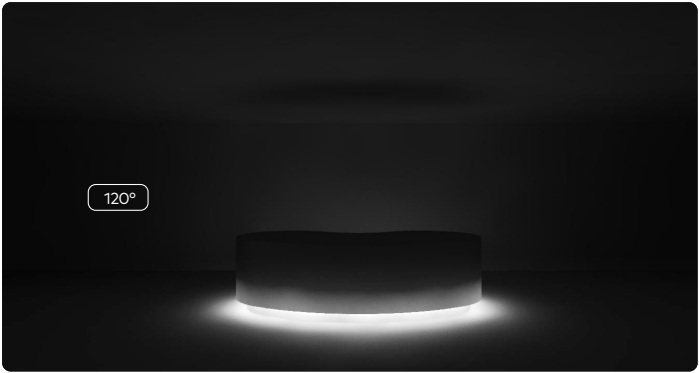
Accessories



Aluminium ExtrusionFlexible ExtrusionMounting Clip

		LED Power	Lengths (mm)	Lumens (at 3000K)	Beam	Cable Entries	RGB	RGBW	Tunable White
1	Mini Side (Single Entry 5W)	5W/m (24V DC)	57-5,007 (Cut length increments + 7mm end cap)	240lm/m	120°	End	-	-	Yes
	Single Entry 8W	8W/m (24V DC)		471lm/m			Yes	-	Yes
	Mini Side (Dual Entry 5W)	5W/m (24V DC)	64-5,014 (Cut length increments + 2x 7mm end caps)	240lm/m			-	-	Yes
	Dual Entry 8W	8W/m (24V DC)		471lm/m			Yes	-	Yes

Key Information		Design		Performance		Driver	
Mounting	Surface, Recessed	Product Family	Aeon Flex	Lumen efficacy	Up to 63lm/W	Non-Dim	Remote
LED CCT	<div><div>2700K</div><div>3000K</div><div>4000K</div><div>RGB</div><div>RGBW</div><div>2700K-6500K (Tunable White CRI80+)</div></div>	Material	Encapsulated Polyurethane	CRI (Ra/R9)	90+ (R9: >50)	Phase Cut	Remote
		IP Rating	IP67	Lifetime (Ta 25°C)	>50,000h L80B10	DALI	Remote
		Class Rating	Class III	Ambient Temperature Range	10°- 30°C	Bluetooth	Remote
		Minimum Bend Diameter	60mm	SDCM	≤2		
		Standard Cut Lengths	50mm				
Warranty	5 Years	RGB Cut Lengths	50mm				
		Tunable White Cut Lengths	50mm				
		Cut Tolerance	+/- 12mm				
		Standard Cable Length	300mm				



Available Accessories
Aluminum Extrusion
Flexible Extrusion
Accessory Kit (20 clips, 20 screws, 5 end caps)
IP67 Connector Kit

Notes

When ordering the Aeon Flex Pro, 4 clips per metre plus 2 end caps and an additional male+female IP68 connector are included.

Ensure that during installation the predetermined bending direction is never changed. The product must not be twisted.

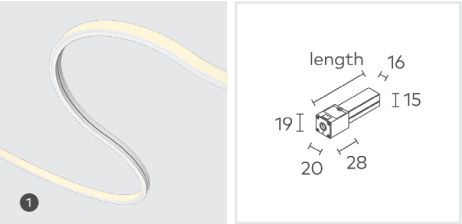
Aeon Flex is a non-trafficable luminaire.



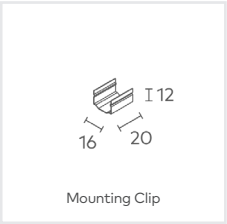
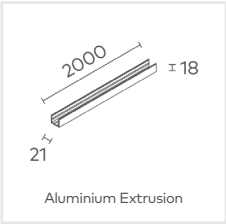
Aeon Flex Essential Top

Flexible Linear Light

Luminaire

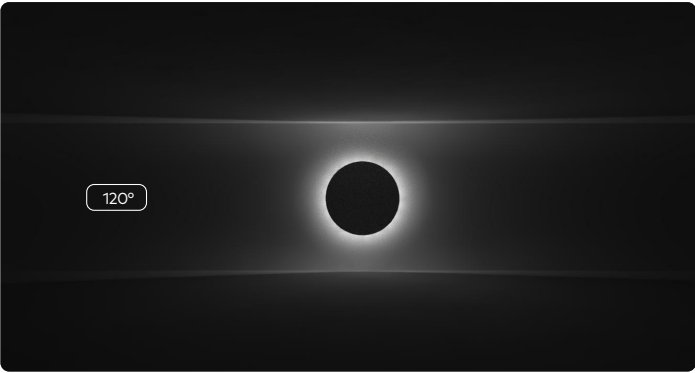


Accessories



		LED Power	Lengths (mm)	Lumens (at 3000K)	Beam	Cable Entries	RGB	RGBW	Tunable White
1	Top (Single Entry)	10W/m (24V DC)	66-10,016 (Cut length increments + 2x 8mm end caps)	460lm/m	120°	Rear, End, Side	Yes	Yes	Yes
	Dual Entry								

Key Information		Design		Performance		Driver	
Mounting	Surface, Recessed	Product Family	Aeon Flex	Lumen efficacy	Up to 46lm/W	Non-Dim	Remote
	<div><div></div>2700K</div> <div><div></div>3000K</div> <div><div></div>4000K</div> <div><div></div>RGB</div> <div><div></div>RGBW</div> <div><div></div>12700K-6500K (Tunable White CRI80+)</div>	Material	Extruded Silicone	CRI (Ra/R9)	90+ (R9: >50)	Phase Cut	Remote
LED CCT		IP Rating	IP65	Lifetime (Ta 25°C)	>50,000h L80B10	DALI	Remote
		Class Rating	Class III	Ambient Temperature Range	10°- 30°C	Bluetooth	Remote
Warranty	5 Years	Minimum Bend Diameter	240mm	SDCM	≤2		
		Standard Cut Lengths	50mm				
		RGB Cut Lengths	62.5mm				
		RGBW Cut Lengths	62.5mm				
		Tunable White Cut Lengths	50mm				
		Standard Cable Length	300mm				



Available Accessories
Aluminum Extrusion
Flexible Extrusion
Accessory Kit

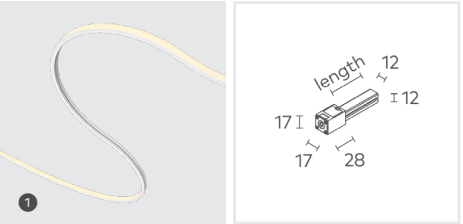
Notes
When ordering the Aeon Flex Essential, 4 clips per metre plus 2 end caps are included.
Ensure that during installation the predetermined bending direction is never changed. The product must not be twisted
Aeon Flex is a non-trafficable luminaire



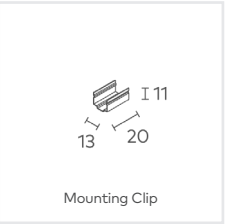
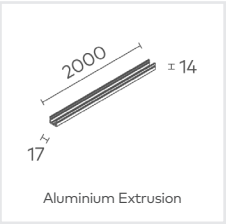
Aeon Flex Essential Mini Top

Flexible Linear Light

Luminaire

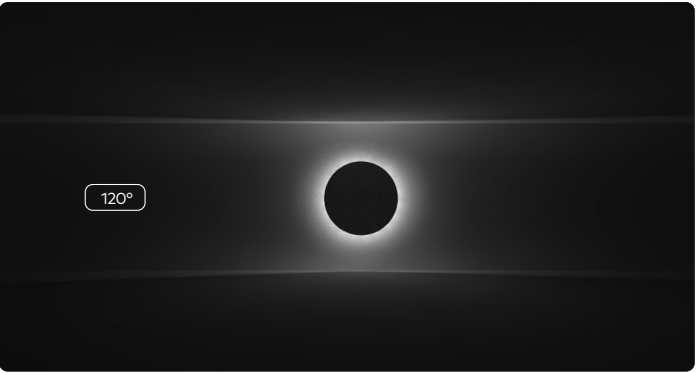


Accessories



		LED Power	Lengths (mm)	Lumens (at 3000K)	Beam	Cable Entries	RGB	RGBW	Tunable White
1	Mini Top (Single Entry)	10W/m (24V DC)	66-8,016 (Cut length increments + 2x 8mm end caps)	547lm/m	120°	Rear, End, Side	Yes	-	Yes
	Dual Entry								

Key Information		Design		Performance		Driver	
Mounting	Surface, Recessed	Product Family	Aeon Flex	Lumen efficacy	Up to 55lm/W	Non-Dim	Remote
	<div><div></div>2700K</div> <div><div></div>3000K</div> <div><div></div>4000K</div>	Material	Extruded Silicone	CRI (Ra/R9)	90+ (R9: >50)	Phase Cut	Remote
LED CCT	<div><div></div>RGB</div> <div><div></div>RGBW</div> <div><div></div>2700K-6500K (Tunable White CRI80+)</div>	IP Rating	IP65	Lifetime (Ta 25°C)	>50,000h L80B10	DALI	Remote
		Class Rating	Class III	Ambient Temperature Range	10°- 30°C	Bluetooth	Remote
		Minimum Bend Diameter	120mm	SDCM	≤2		
Warranty	5 Years	Standard Cut Lengths	50mm				
		RGB Cut Lengths	62.5mm				
		Tunable White Cut Lengths	50mm				
		Standard Cable Length	300mm				



Available Accessories
Aluminum Extrusion
Accessory Kit

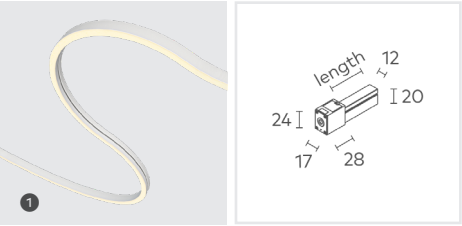
Notes
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Ensure that during installation the predetermined bending direction is never changed. The product must not be twisted
Aeon Flex is a non-trafficable luminaire



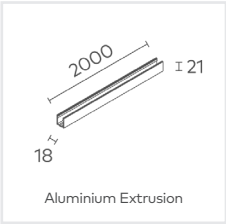
Aeon Flex Essential Side

Flexible Linear Light

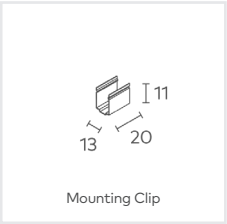
Luminaire



Accessories



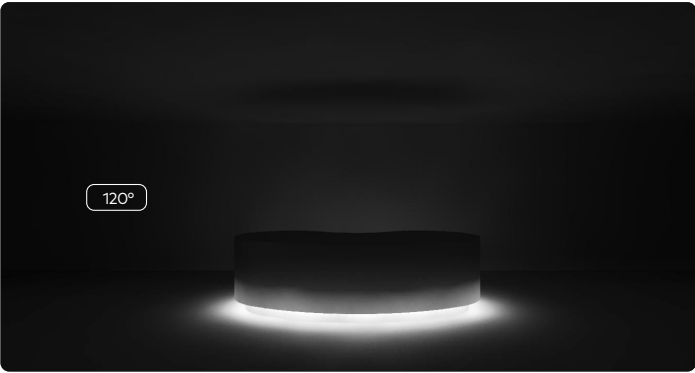
Aluminium Extrusion



Mounting Clip

		LED Power	Lengths (mm)	Lumens (at 3000K)	Beam	Cable Entries	RGB	RGBW	Tunable White
1	Side (Single Entry)	10W/m (24V DC)	66-10,016 (Cut length increments + 2x 8mm end caps)	264lm/m	120°	Rear, End, Side	Yes	Yes	Yes
	Dual Entry								

Key Information		Design		Performance		Driver	
Mounting	Surface, Recessed	Product Family	Aeon Flex	Lumen efficacy	Up to 27lm/W	Non-Dim	Remote
	<div><div>2700K</div><div>3000K</div><div>4000K</div><div>RGB</div><div>RGBW</div><div>2700K-6500K (Tunable White CRI80+)</div></div>	Material	Extruded Silicone	CRI (Ra/R9)	90+ (R9: >50)	Phase Cut	Remote
LED CCT		IP Rating	IP65	Lifetime (Ta 25°C)	>50,000h L80B10	DALI	Remote
		Class Rating	Class III	Ambient Temperature Range	10°- 30°C	Bluetooth	Remote
Warranty	5 Years	Minimum Bend Diameter	240mm	SDCM	≤2		
		Standard Cut Lengths	50mm				
		RGB Cut Lengths	62.5mm				
		RGBW Cut Lengths	62.5mm				
		Tunable White Cut Lengths	50mm				
		Standard Cable Length	300mm				



Available Accessories
Aluminum Extrusion
Flexible Extrusion
Accessory Kit

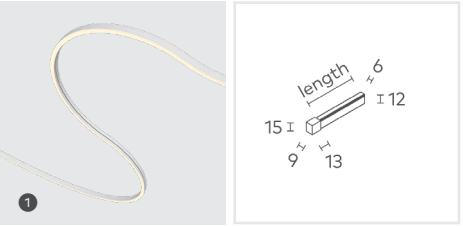
Notes
When ordering the Aeon Flex Essential, 4 clips per metre plus 2 end caps are included.
Ensure that during installation the predetermined bending direction is never changed. The product must not be twisted
Aeon Flex is a non-trafficable luminaire



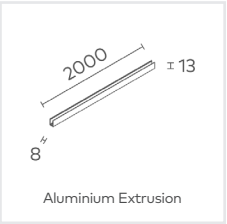
Aeon Flex Essential Mini Side

Flexible Linear Light

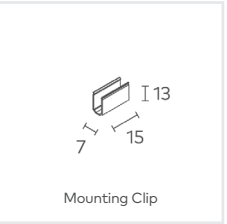
Luminaire



Accessories



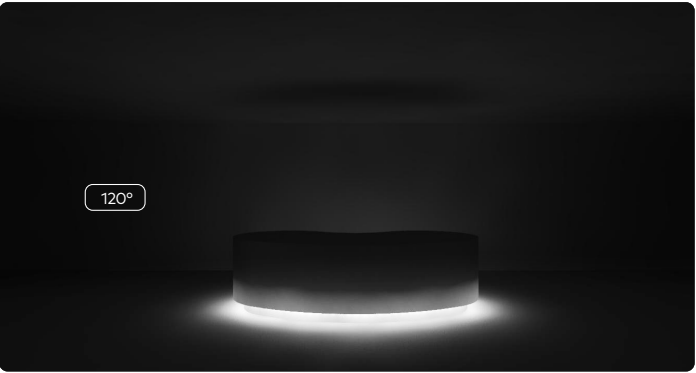
Aluminium Extrusion



Mounting Clip

		LED Power	Lengths (mm)	Lumens (at 3000K)	Beam	Cable Entries	RGB	RGBW	Tunable White
1	Mini Side (Single Entry)	10W/m (24V DC)	60-13,010 (Cut length increments + 2x 5mm end caps)	309lm/m	120°	Rear, End, Side	Yes	-	Yes
	Dual Entry								

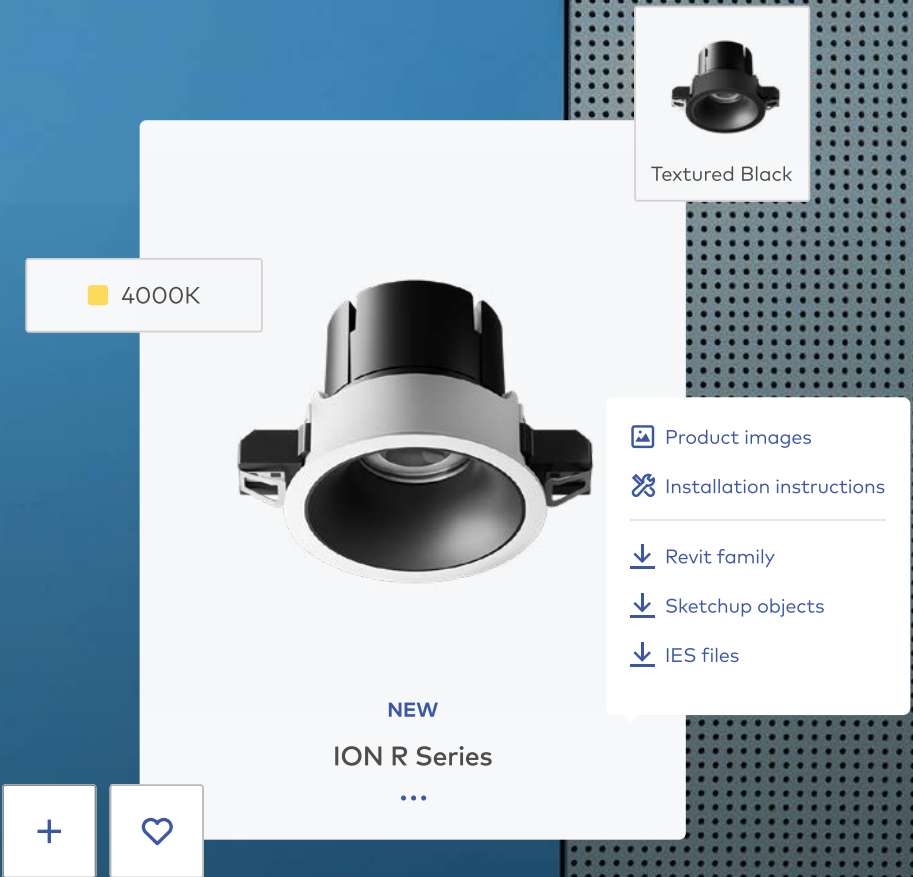
Key Information		Design		Performance		Driver	
Mounting	Surface, Recessed	Product Family	Aeon Flex	Lumen efficacy	Up to 31lm/W	Non-Dim	Remote
	<div><div>2700K</div><div>3000K</div><div>4000K</div><div>RGB</div><div>RGBW</div><div>2700K-6500K (Tunable White CRI80+)</div></div>	Material	Extruded Silicone	CRI (Ra/R9)	90+ (R9: >50)	Phase Cut	Remote
LED CCT		IP Rating	IP65	Lifetime (Ta 25°C)	>50,000h L80B10	DALI	Remote
		Class Rating	Class III	Ambient Temperature Range	10°- 30°C	Bluetooth	Remote
Warranty	5 Years	Minimum Bend Diameter	120mm	SDCM	≤2		
		Standard Cut Lengths	50mm				
		RGB Cut Lengths	50mm				
		Tunable White Cut Lengths	50mm				
		Standard Cable Length	300mm				



Available Accessories
Aluminum Extrusion
Accessory Kit

Notes
When ordering the Aeon Flex Essential, 4 clips per metre plus 2 end caps are included.
Ensure that during installation the predetermined bending direction is never changed. The product must not be twisted
Aeon Flex is a non-trafficable luminaire





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