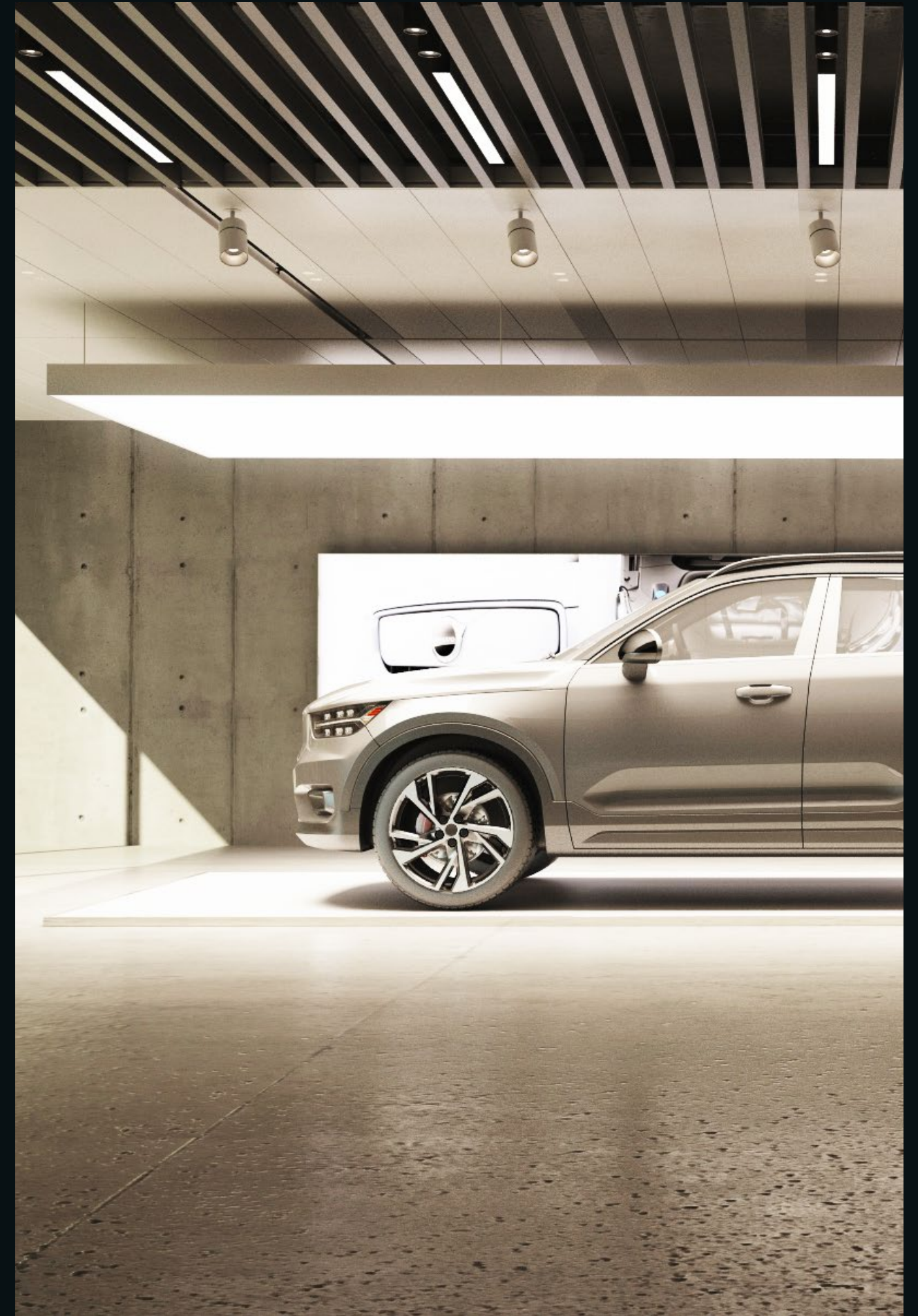




# Lux Plane

Premium in both form and function, Lux Plane represents the future of LED lighting.

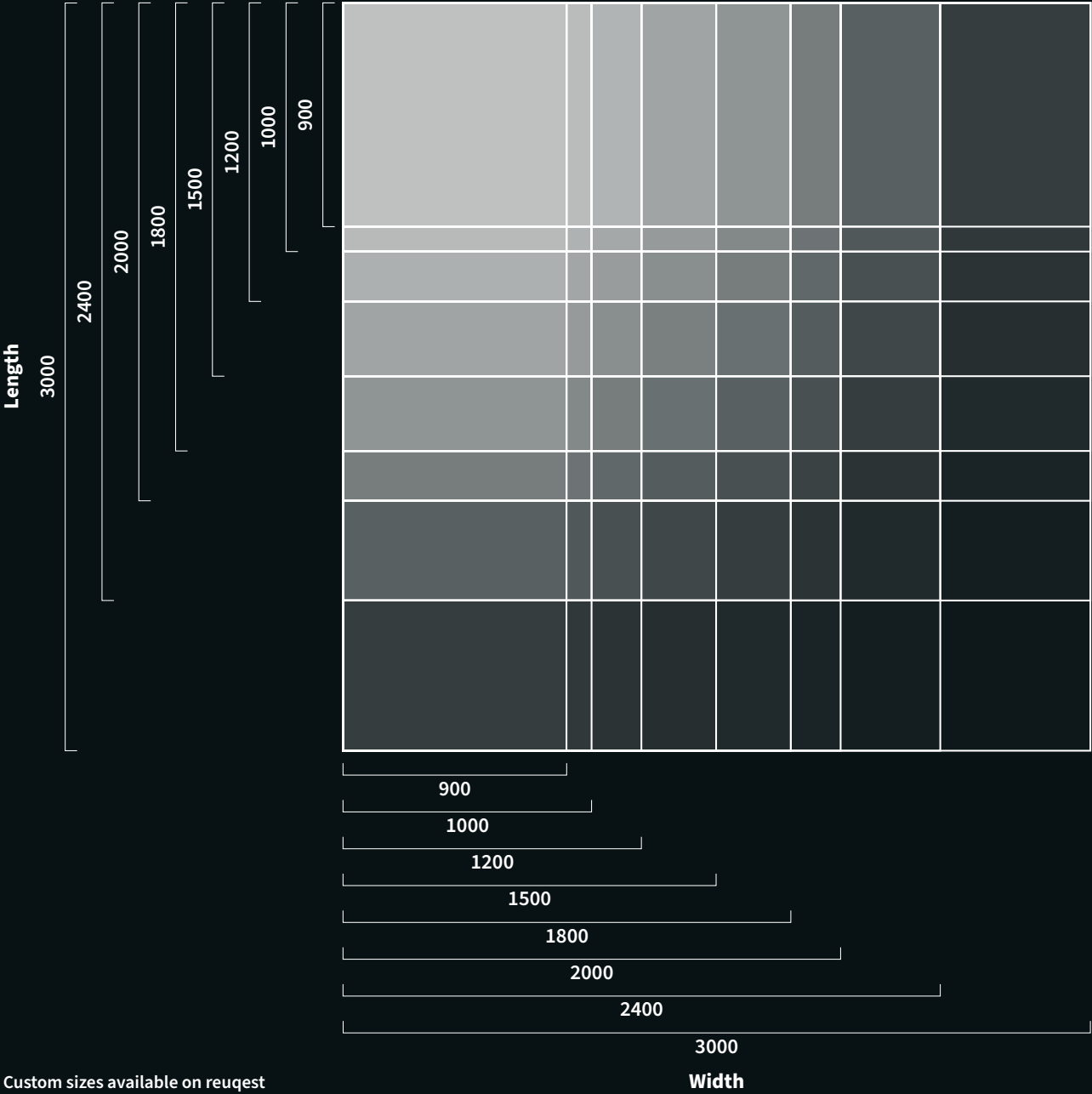
Lux Plane is a ceiling-mounted lightbox that has been engineered to meet the performance specification required by architectural lighting installations. It delivers homogenous, glare-free illumination from energy-efficient LEDs, all of which sit in a carefully calculated configuration behind fire retardant fabric diffusers. Lux Plane is supplied with photometric data files detailing the intensity, efficiency and distribution of the light emitted.





# Configure your Lux Plane

Available sizes (millimetres)



Radius sizes (millimetres)



# Lux Plane in detail

## Shape Configurations

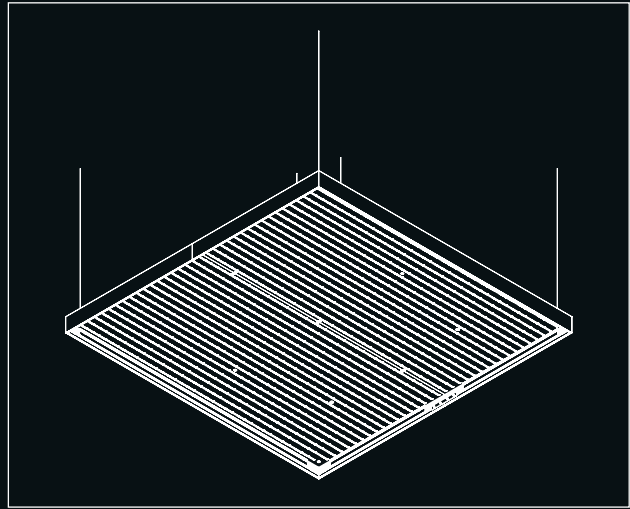
Square / Rectangular

Rounded Corners

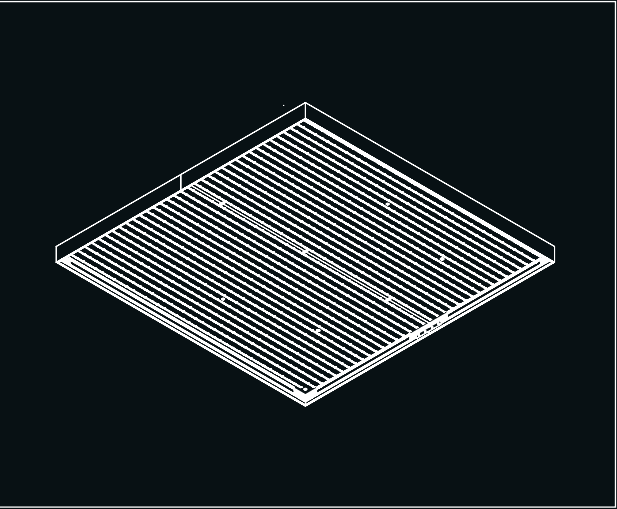
Losenge

Circle

## Suspended



## Ceiling Mounted



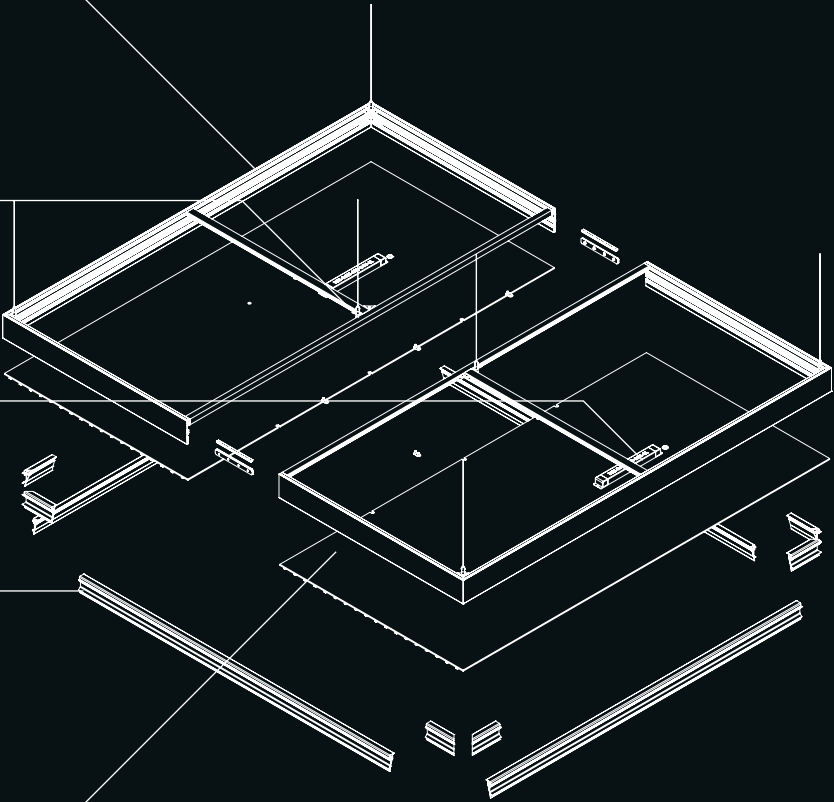
Lux Plane Profile Frame

Angel T19 Gripple Female

Power Supply

Retainer

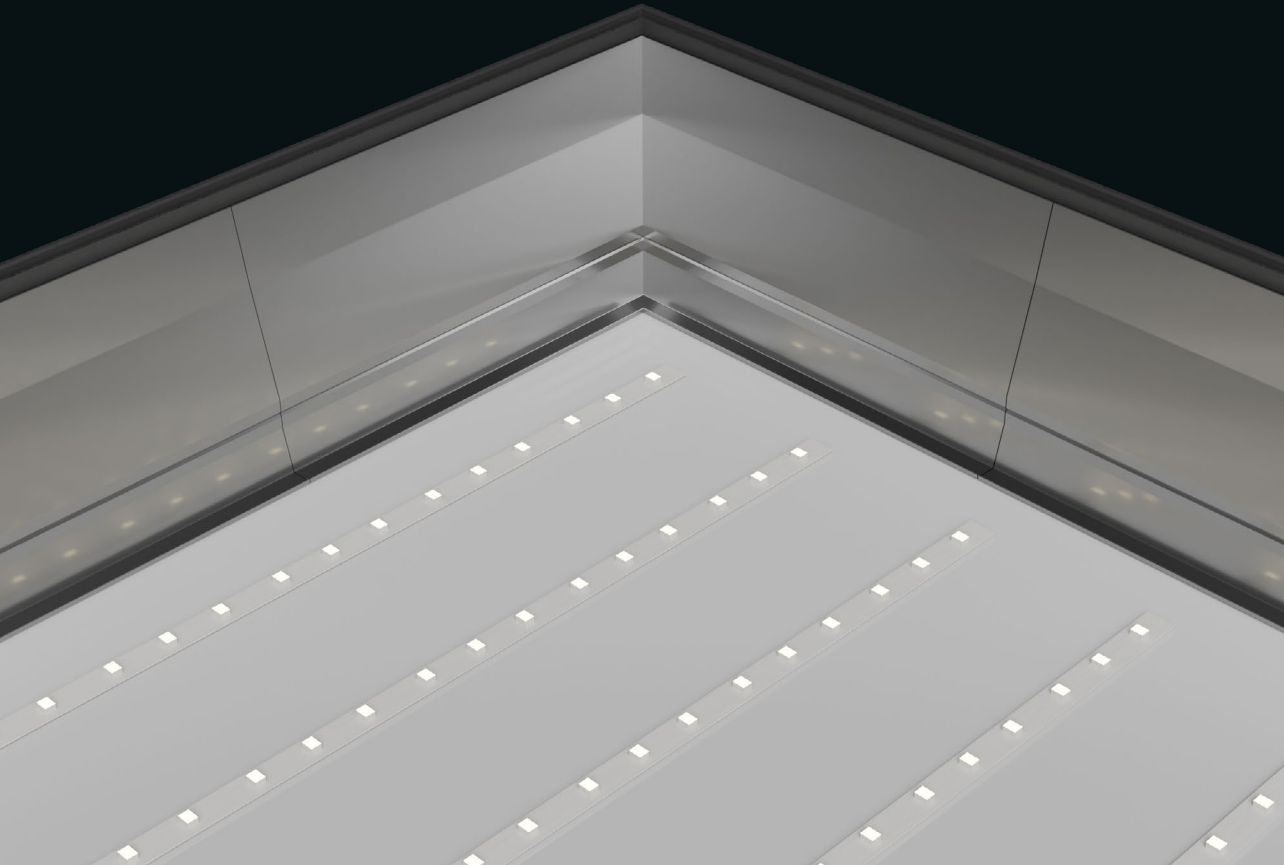
Back Panel with LEDs





# LED

Our LED strip is designed to achieve the slimmest panel profiles possible while ensuring peak performance and longevity. By minimizing voltage drop across larger panels and maintaining a safe operating temperature for the LEDs, we deliver reliability and efficiency in every application. With multiple LED options available, we can tailor solutions to your specific needs. Contact us today to learn more!



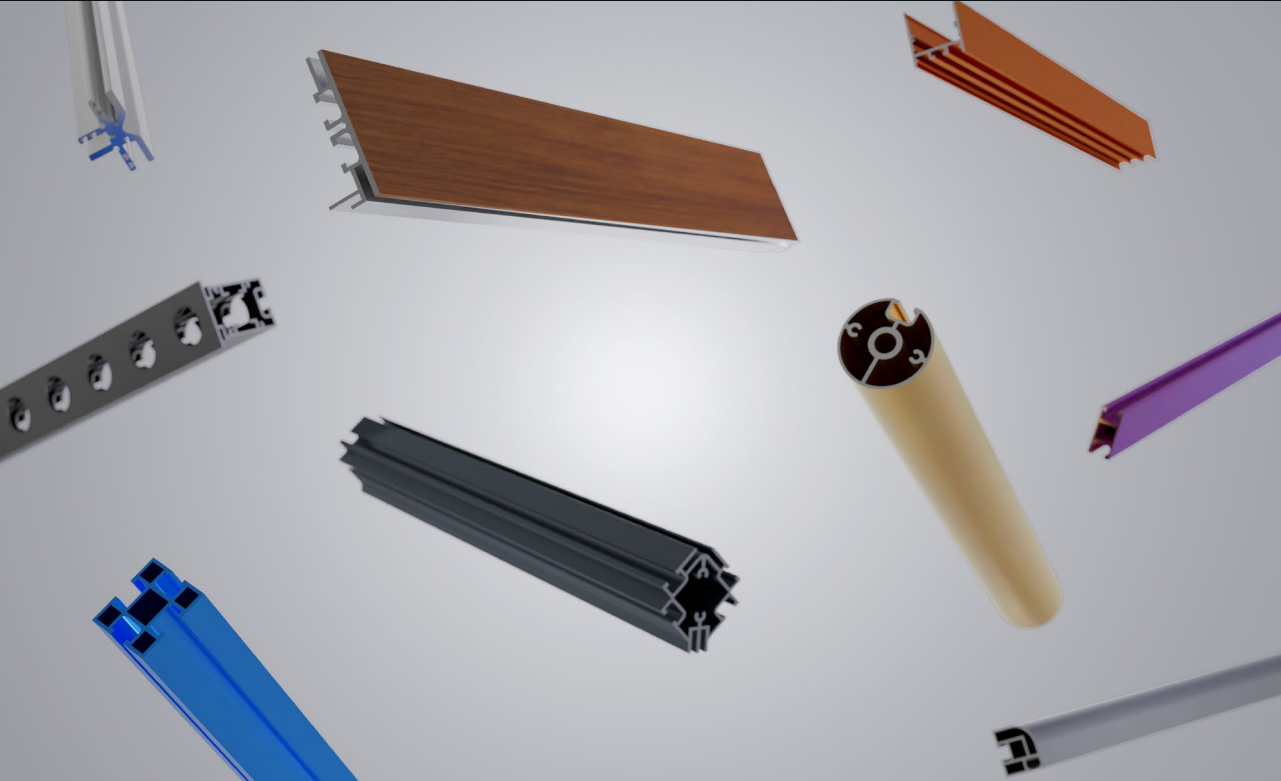
### LED Data

Lux Plane - Output Calculations					
CCT	llm/sqm (avg)	wattage/sqm (avg.)	llm/w (avg)	CRI*	SDCM**
3000	5458	77	71	90+	3 Step
4000	5765	77	75	90+	3 Step
2200-6500	4592 - 5820	77	60 - 75	90+	3 Step

\*95+ available upon request.  
\*\*2 Step available upon request.

# Finishing options

Our aluminium profiles are manufactured with an anodised silver finish already applied. Although this is popular with alot of our clients, we prefer not to be constrained by ‘standard’ finishes. In fact, we have perfected a vast range of finishes that provide various visual aesthetics and are immediately available for manufacture.



### Anodising

Anodising is the name for a treatment method of aluminium in which an electrochemical process is used to form an oxide layer on the material. This allows the oxide layer to form a protective layer on the aluminium. What is unique, is that no additional layer is applied to the aluminium during anodising. Anodising creates a layer that is built up from the existing aluminium. The oxide layer is fully integrated in the material and forms a strong molecular compound.

### Sublimated wood finish

Sublimated wood finish (*also reffered to as Decoral*) is a technology that allows the decoration of metal surfaces through a chemical-physical process of sublimation. Aluminium profiles, sheets or other 3D objects are firstly powdercoated and then decorated using a heat-transfer film printed with special inks. The profile is then vacuum sealed and placed inside a pressure treatment oven where through heat and pressure the film layer is transferred to the coated layer. This provides a durable finish suitable for indoor and outdoor applications.

### Powdercoating

Powdercoating is a dry finishing process created by an electric charge that causes a dry powder to fuse to the surface of the metal. This is then baked in a curing oven to achieve a smooth coating. It is usually used to create a hard finish that is tougher than conventional paint. Powdercoating is an ideal method if you want to achieve a specific colour match. It offers a durable architectural finish. Suitable for both internal and external applications.

### Vinyl Wrap

Vinyl wrapping is a thin PVC polymer film which is flexible and can be formed around most shapes and surfaces. The film has to be precisely applied and heated in order for the vinyl to conform and adhere to the surface that its being wrapped to. Vinyl is available in a multitude of colours and finishes as well as having the ability to print on to to create custom patterns and finishes.





## Our process

At Unibox, our core mission has always been precision and engineering excellence. We are thrilled to now bring creativity and custom shapes to our product range. Each panel is carefully hand-formed, making every piece a unique, one-off creation — all while maintaining the consistency and reliability of Unibox engineering.







## Get In Touch

+44(0)161 655 2100  
info@unibox.co.uk  
lighting.unibox.co.uk

**HQ:**

Greenside Way, Middleton, Manchester M24 1SW

