



# ION © SERIES

**unios®**



## Redefine what's possible

Born from our commitment to redefining possibilities, the award-winning ION Collection is a testament to our dedication to simplifying and reshaping how the world views lighting.

A versatile, intuitive luminaire that applies to a diverse range of projects. The ION goes beyond a mere lighting product, acting as the practical and emotive language for our specifiers, contractors, and end-users.

Forging the next chapter in the ION story, the ION S Series continues the essence of versatility with a seamless blend of form and function. The series is meticulously crafted to redefine spaces and enhance the atmosphere in every project it illuminates, providing the final layer of lighting with greater options for vertical, task and emotive illumination.



# ION COLLECTION



A lighting  
solution for  
every space

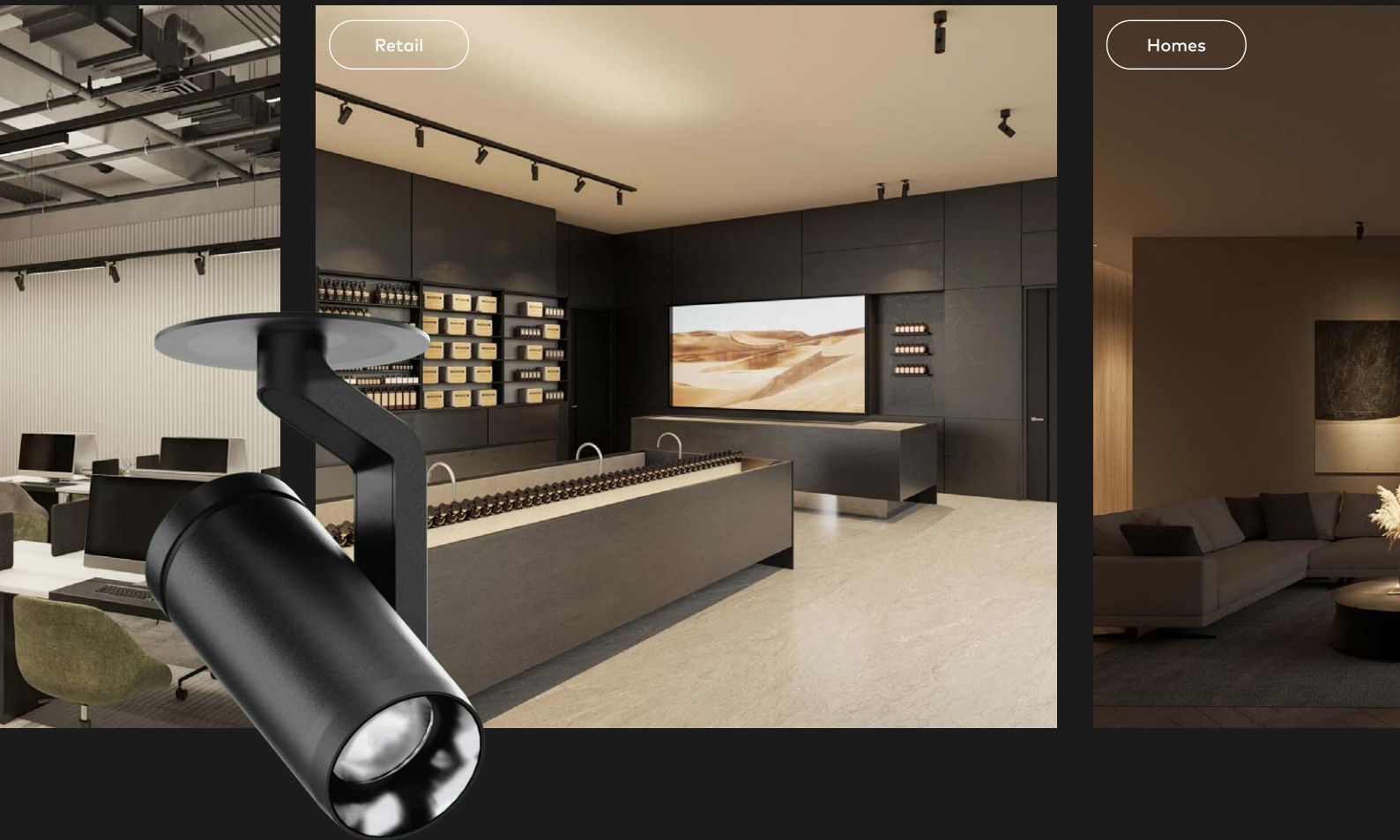


The award-winning ION Collection boasts exceptional application versatility, presenting a cutting-edge lighting solution. Its outstanding adaptability, performance, function and beauty make it a one-stop lighting choice for every space.





# Infinite possibilities



## 18,000+ variations

3 models, 3 sizes, 3 mounting options,  
4 beam output options, 4 colour temperatures

Unleashing infinite lighting possibilities, the ION S Series stands as the quintessential solution for universal lighting needs and intents. The ION S addresses every aspect of your space, providing ambient, task, and accent illumination that enhances both horizontal and vertical planes. For track applications, it provides universal track compatibility, effortlessly adapting to all track systems, ensuring a seamless installation experience.

# Illuminating beyond boundaries

The ION S Series, with remarkable modularity, offers a dynamic and customisable lighting solution that amplifies illuminating potentials and intents.



## ① Mounting

3 different options, including recessed, surface mounted and track mounted.

## ② Body

Features an aluminium body with heat-synching capabilities for extended longevity and a locking arm for stable placement and secured beam direction.

## ③ Primary Optic

Provides minimal light spillage and outstanding beam control.

## ④ Trim

Secures and houses the secondary optic and baffle. Achieve the wallwashing effect with the Wallwasher accessory.

## ⑤ Secondary Optic

Adds an additional layer of optical control, opting for an additional softening, honeycomb or elliptical optic.

## ⑥ Baffle

Comes in 4 finish options, including the Stealth Metallic designed to eliminate unwanted outer surface glare.

# Redefining versatility

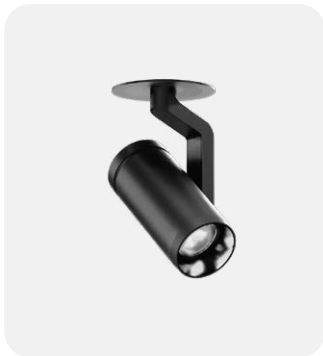
Configurable in a variety of models, accessories, sizes and power options, the ION S Series is crafted to meet any space's aesthetic requirements.



ION S  
Track Light



ION S Surface  
Mounted Spotlight



ION S Recessed  
Spotlight



ION S Framer  
Track Light



ION S Framer Surface  
Mounted Spotlight



ION S Framer  
Recessed Spotlight

## Body Finish

## Baffle Finish



Textured  
Black

Textured  
White



Matt  
White

Matt  
Black

Matt  
Gold

Stealth  
Metallic

Refer to the product summary pages for SKU compatibility.

# Key features



## Application flexibility

Offers unparalleled beam angle accuracy and adjustability of 120° tilt and 355° rotation, the ION S is an all-in-one solution that brings your design to life.



## Compact innovation

By strategically positioning the driver outside of the body, the ION S Series achieves a remarkable 20% size reduction while enhancing lighting output compared to our previous track and spotlight series.

### Ultra-low Glare

Achieved through an extensive array of secondary optic choices.

### SDCM≤2

SDCM≤2 for assured colour consistency over the product's operational lifetime.

### High CRI

Boasts an impressive CRI of 92+ for standard models and 97+ for the Framer model.

### Tunable White

Change colour temperatures with colour-tuning technology ranging from 2700K to 6500K.

### Tempo Dim (Track Only)

Simple manual dimming control, perfect for illuminating objects that require precise light settings.

### L90B10

Lifetime up to >55,000h for consistent performance until the end of the service life.

### Bluetooth

Allows Bluetooth Smart Lighting integration through Casambi.

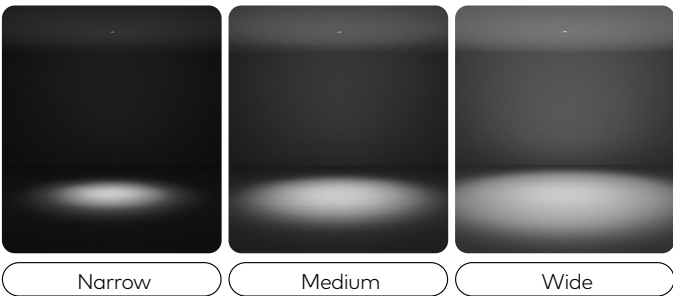
Refer to the product summary pages for SKU compatibility.

# An option for every scene

With an extensive range of secondary optics and accessories, the series confidently fulfils an array of lighting needs across diverse settings. Explore the ION S's beam output options.

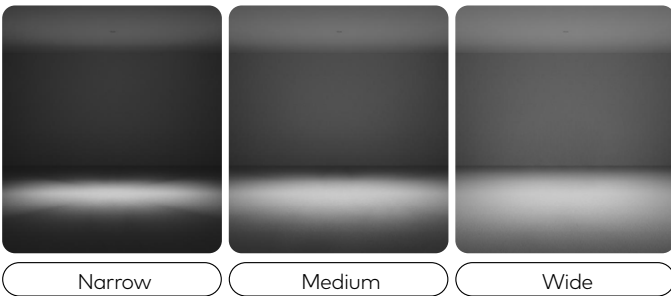
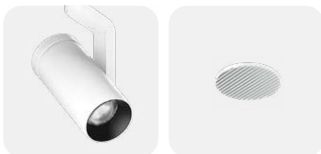
## Symmetrical beam

Achieve outstanding beam control with minimum light spillage.



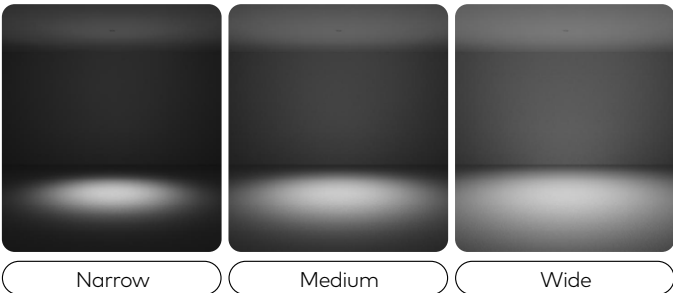
## Elliptical beam

Ideal for lighting elongated surfaces that typically require two symmetrical beam outputs.



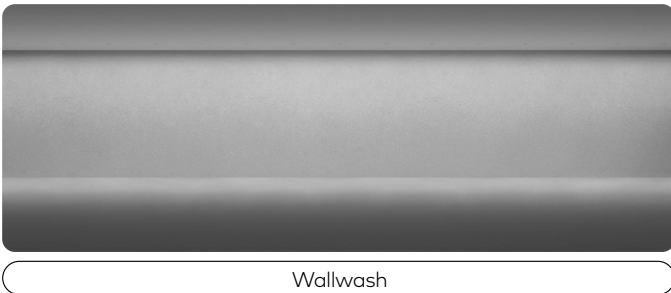
## Softened beam

Soften the light within the beam and at the edges to achieve a smooth and even-lit surface.



## Wallwash

Achieve a stunning wallwashing effect along walls that has the utmost uniformity



Refer to the product summary pages for SKU compatibility.





## Transforming the verticals

The ION S Wallwasher conceals imperfections and uniformly illuminates vertical surfaces with advanced flexibility and precise control. Superior performance and visual comfort are achieved with the purposefully designed front trim and teardrop lens. The Wallwasher accessory allows for quick and easy interchangeability between models using the same body.



For a guide on wallwasher spacing, please scan the QR code or visit:

[unios.com/wallwasherguide](https://unios.com/wallwasherguide)

# Shaping brilliance



Elevate your lighting experience with the Framer model. The ION S unleashes unprecedented creativity, accentuating and contouring your spaces and objects of interest to stand out brilliantly.

# A canvas of lighting possibilities



## Frame

Precisely accentuate the outline of artworks and artefacts with endless framing possibilities created by the Framer Shutter.



## Focus

Delicately softens and blurs the framing edges of the lighting spread, skillfully directing flawlessly focused illumination on the objects of interest.



## Zoom

Accommodates diverse ceiling heights, providing crisp illumination for objects of various sizes from up to 8 metres away using a rotating ring.

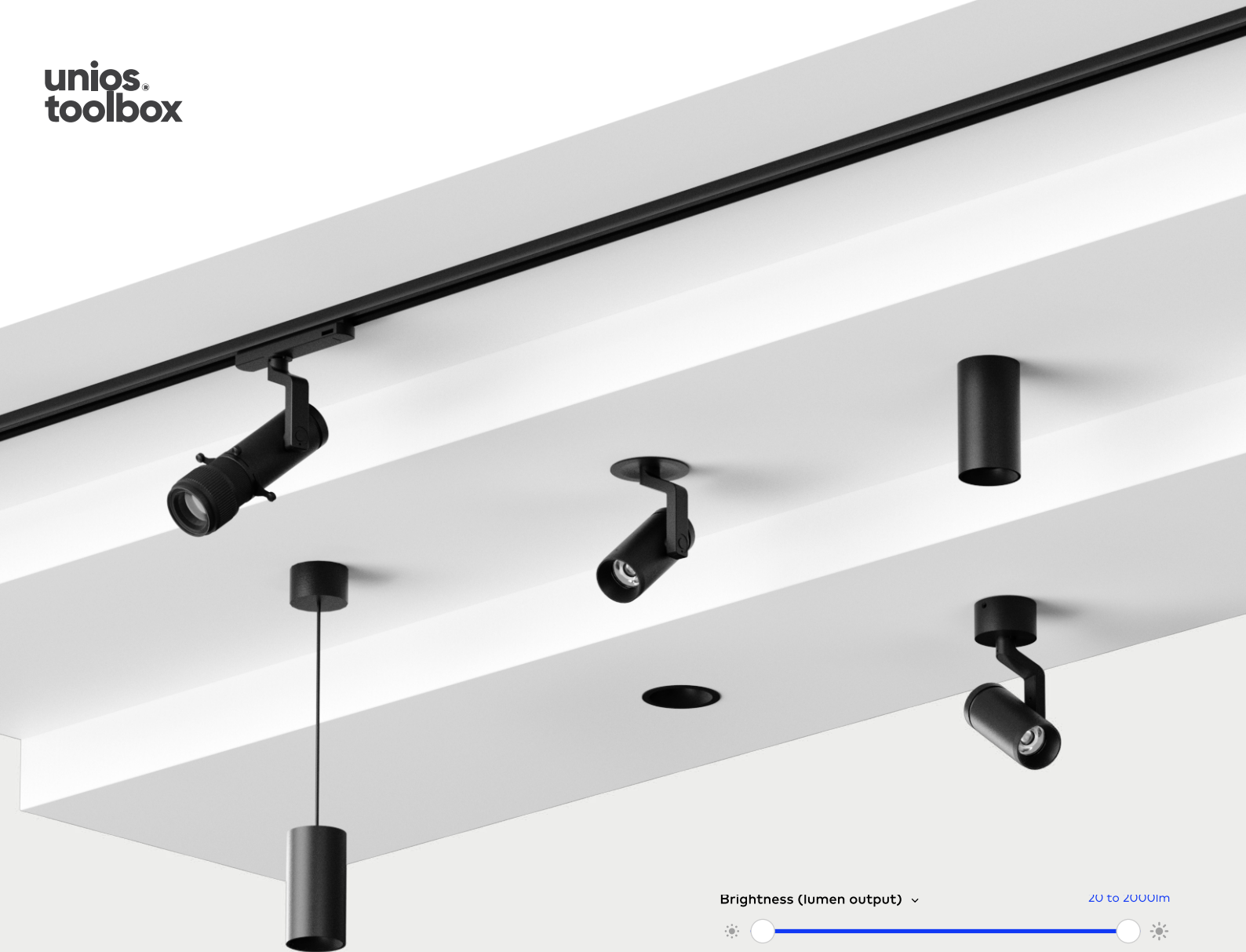


## Gobo

Adds a unique touch of visual interest by projecting logos or scenic elements onto surfaces using the Gobo lens.

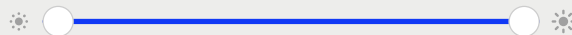
*Refer to the product summary pages for SKU compatibility.*





Brightness (lumen output) ▾

20 to 2000lm



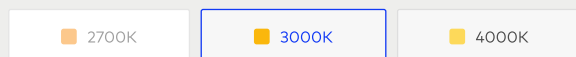
Finish



Model



Colour Temperature ?



Beam angle ?



18,000+ options  
configurable in seconds

Unleash the ION S possibilities with Unios Toolbox. Shape your lighting potential and explore every variation of the ION S, including different sizes, colours and optic options, through a few quick clicks. To learn more, visit [unios.com/ions](https://unios.com/ions).





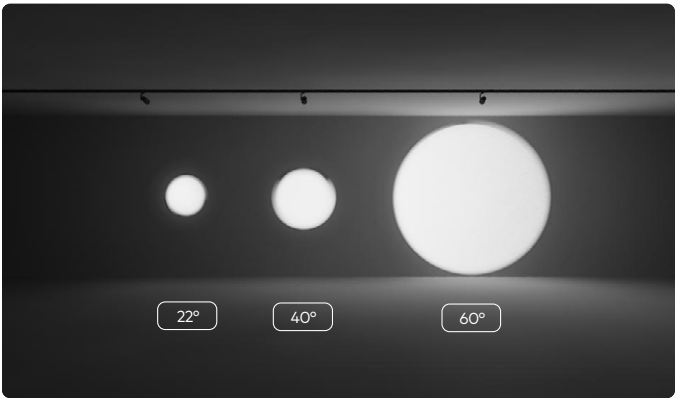






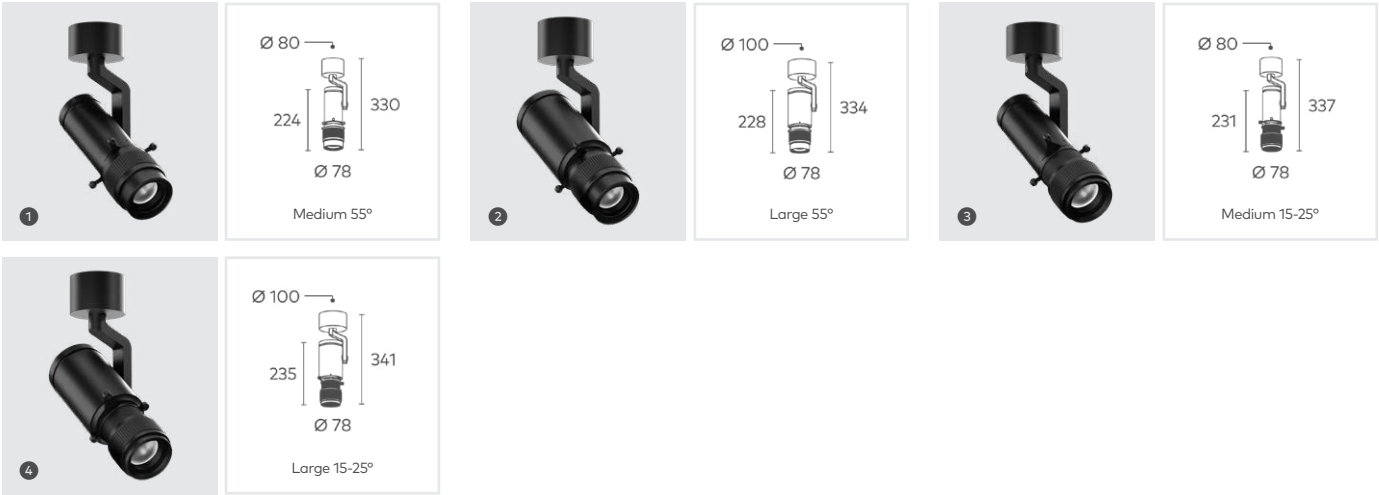
		LED Power	Lumens (at 3000K)	Beam	Weight	Lumen Efficacy
1	Medium 55°	18W (500mA)	842lm	55°	1667g	Up to 39lm/W
2	Large 55°	32W (900mA)	1129lm	55°	1964g	Up to 30lm/W
3	Medium 15-25°	18W (500mA)	953lm	15-25°	1686g	Up to 44lm/W
4	Large 15-25°	32W (900mA)	1436lm	15-25°	1983g	Up to 38lm/W

Key Information		Design		Performance		Track & Driver Compatibility	
Mounting	Track	Product Family	ION	CRI (Ra/R9)	97+ (R9: >90)	Tempo Dim	MX3 In-Track
Body Finish	<input checked="" type="checkbox"/> Textured Black <input type="checkbox"/> Textured White	Adjustability	+90° / -30° Tilt 355° Rotation	UGR (70/50/20)	<10	Phase Cut	MX3 In-Track
LED CCT	<input checked="" type="checkbox"/> 3000K	Material	Powder Coated Aluminium	Lifetime (Ta 25°C)	>55,000h L90B10	DALI	MX5 In-Track
Warranty	5 Years	IP Rating	IP20	Operating Ambient Temperature	-10°- 35°C	Bluetooth	MX3 In-Track, MX5 In-Track
		Class Rating	Class II	SDCM	≤2		



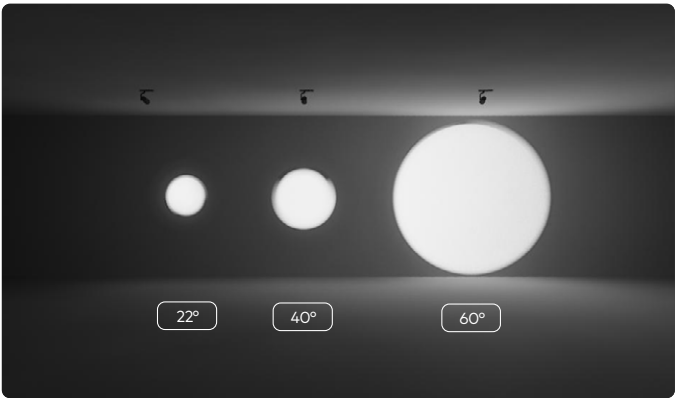
Available Accessories	
Gobo Lens Adaptor	





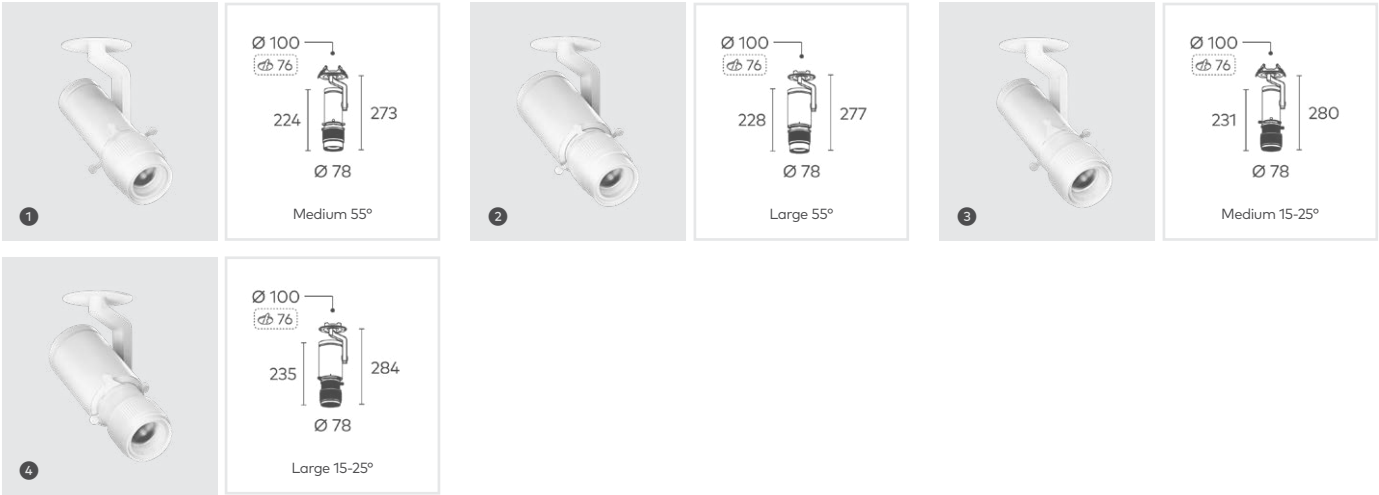
		LED Power	Lumens (at 3000K)	Beam	Weight	Lumen Efficacy
1	Medium 55°	18W (500mA)	841lm	55°	2117g	Up to 39lm/W
2	Large 55°	32W (900mA)	1129lm	55°	2508g	Up to 30lm/W
3	Medium 15-25°	18W (500mA)	953lm	15-25°	2117g	Up to 44lm/W
4	Large 15-25°	32W (900mA)	1438lm	15-25°	2508g	Up to 38lm/W

Key Information		Design		Performance		Driver	
Mounting	Ceiling Surface	Product Family	ION	CRI (Ra/R9)	97+ (R9: >90)	Phase Cut	Built-in
Finish	<input checked="" type="checkbox"/> Textured Black <input type="checkbox"/> Textured White	Adjustability	+90° / -30° Tilt 355° Rotation	UGR (70/50/20)	<10	DALI	Built-in
LED CCT	<input checked="" type="checkbox"/> 3000K	Material	Powder Coated Aluminium	Lifetime (Ta 25°C)	>55,000h L90B10	Bluetooth	Remote
Warranty	5 Years	IP Rating	IP20	Operating Ambient Temperature	-10°- 35°C		
		Class Rating	Class I	SDCM	≤2		



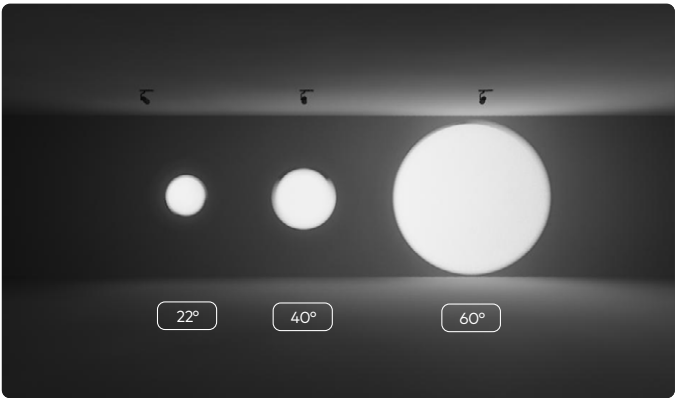
Available Accessories
Gobo Lens Adaptor





		LED Power	Lumens (at 3000K)	Beam	Weight	Lumen Efficacy
1	Medium 55°	18W (500mA)	841lm	55°	1857g	Up to 39lm/W
2	Large 55°	32W (900mA)	1129lm	55°	2154g	Up to 30lm/W
3	Medium 15-25°	18W (500mA)	953lm	15-25°	1857g	Up to 44lm/W
4	Large 15-25°	32W (900mA)	1438lm	15-25°	2154g	Up to 38lm/W

Key Information		Design		Performance		Driver	
Mounting	Ceiling Surface	Product Family	ION	CRI (Ra/R9)	97+ (R9: >90)	Phase Cut	Remote
Finish	<input checked="" type="checkbox"/> Textured Black <input type="checkbox"/> Textured White	Adjustability	+90° / -30° Tilt 355° Rotation	UGR (70/50/20)	<10	DALI	Remote
LED CCT	<input checked="" type="checkbox"/> 3000K	Material	Powder Coated Aluminium	Lifetime (Ta 25°C)	>55,000h L90B10	Bluetooth	Remote
Warranty	5 Years	IP Rating	IP20	Operating Ambient Temperature	-10°- 35°C		
		Class Rating	Class II	SDCM	≤2		
		Insulation Rating	IC-4				



Available Accessories	
Gobo Lens Adaptor	





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#### More Information

For additional technical information and to access our full library, visit [unios.com](https://unios.com). Our library contains a comprehensive database of BIM objects, IES files and product imagery.

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