

MULTI-BEAM



optical control downlights



Featuring the LOOP curved profile series

Version11 | Global | March 2026



Configurability and Flexibility

Multi-Beam OPTIK is a configurable downlight system, initially offered in the LOOP and HyperLoop profile series, offering six precision engineered beam angles from 10° spot beam to 60° wide beam. Each optic module can be individually selected and combined within a single luminaire, giving designers complete control over light distribution - without compromising on low glare performance.

Utilising dark light optic technology, Multi-Beam OPTIK enables tailored lighting solutions for architectural, infrastructure, and specialist applications where both performance and aesthetics are critical.



applications

Multi-Beam OPTIK's range of beam angles enables lighting designers to tailor light distribution to highly specialised installations - from focused accent lighting through to broad area illumination within a single luminaire run.

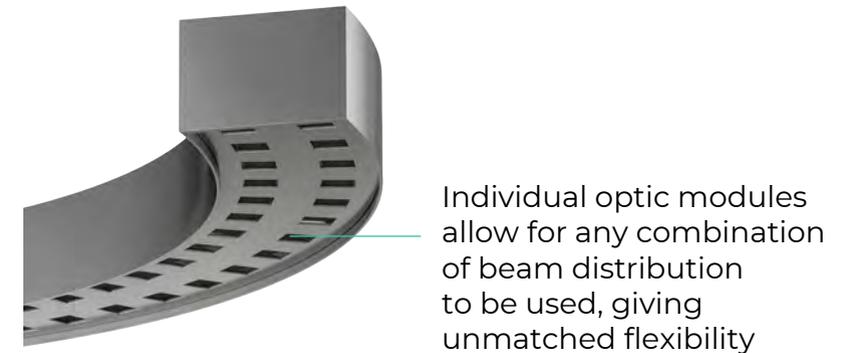
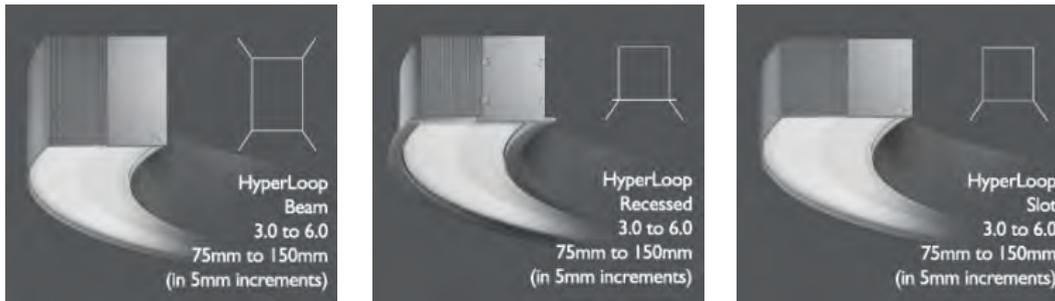
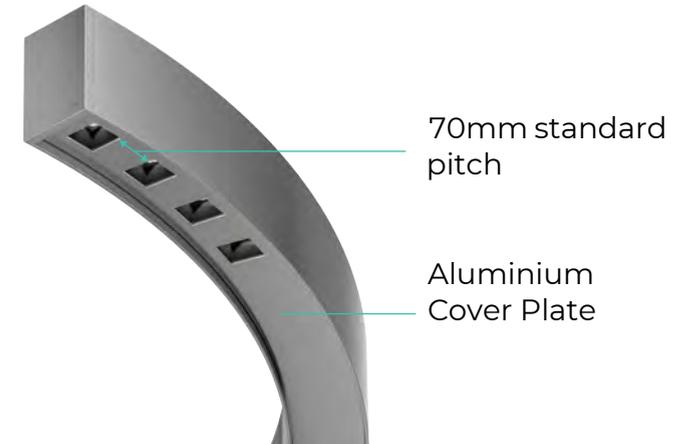
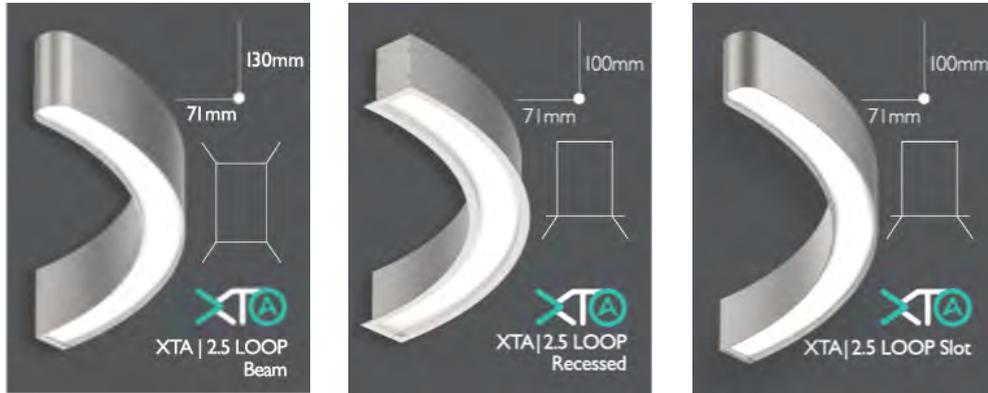
Narrow beam options support very high mounting heights while maintaining effective floor illumination - an approach originally developed for the Melbourne Metro subway project.

This level of optical control allows designers to achieve performance outcomes typically unattainable with conventional diffused linear systems.



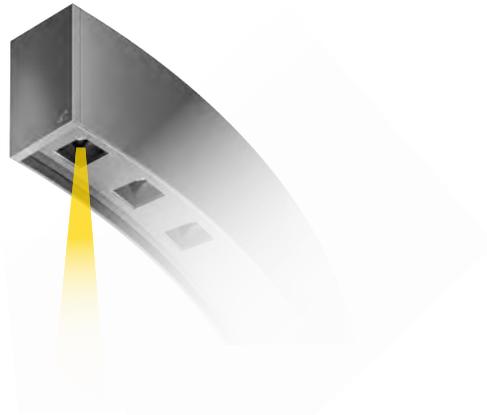
LOOP extension with multi-lens options

Available as an optic system (Direct Only) across XTA | 2.5 Loop and HyperLoop profiles (Slot, Recessed and Beam). IP55 rated option also available in XTA | 2.5 Loop.



Multi-Beam OPTIK Downlights | Photometrics

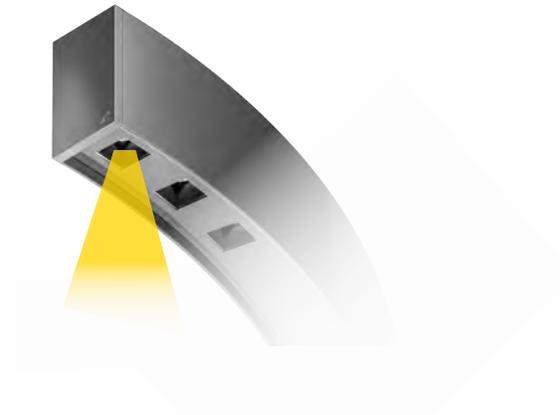
Examples of typical performance are shown below for reference.



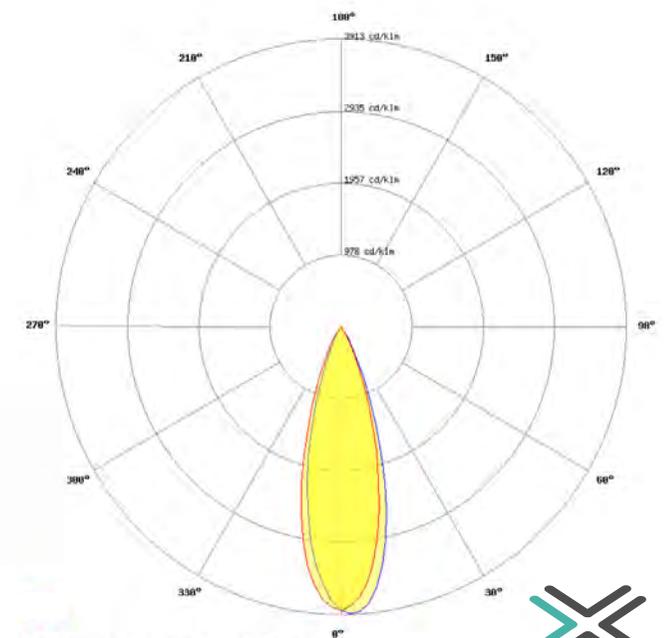
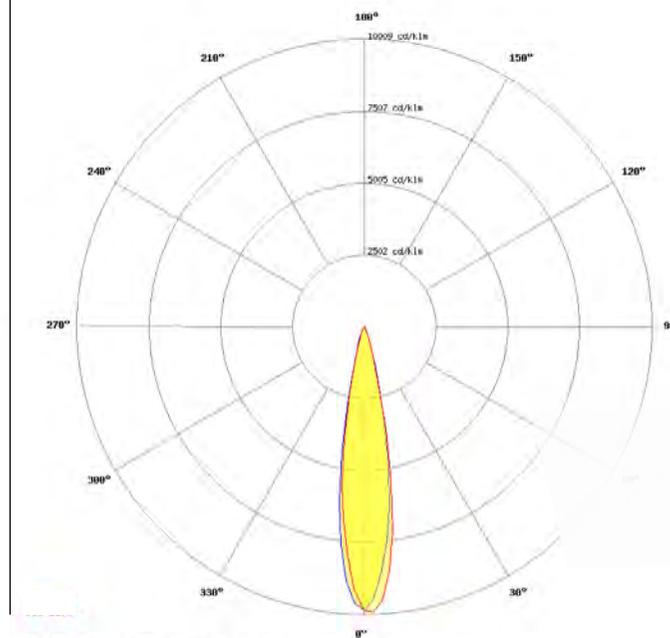
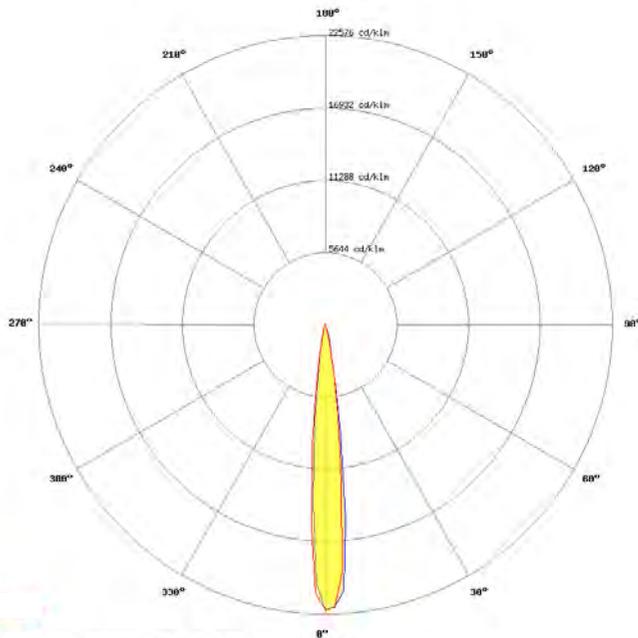
Spot Beam 10°



Spot Beam 18°

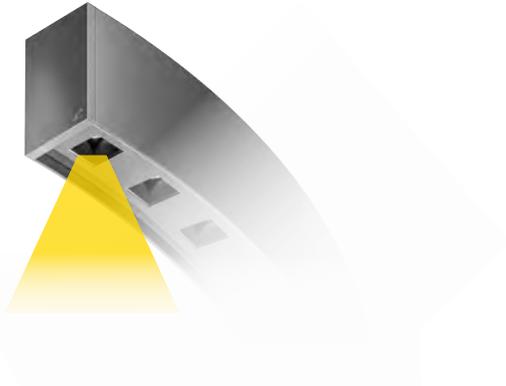


Medium Beam 30°

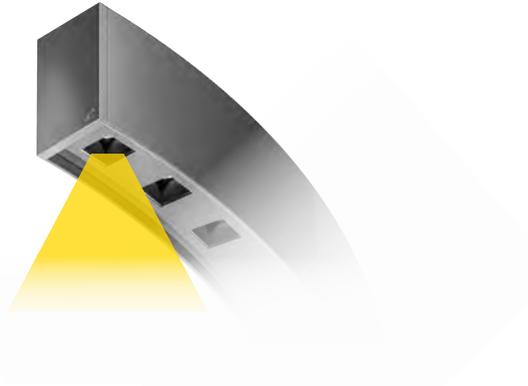


Multi-Beam OPTIK Downlights | Photometrics

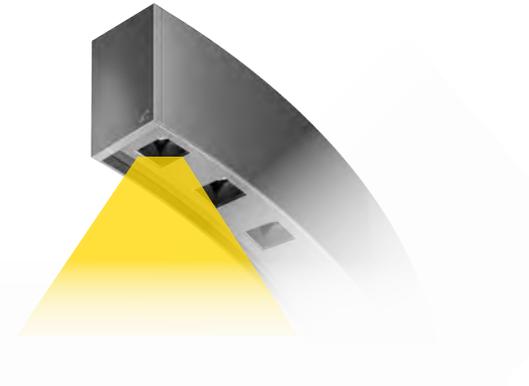
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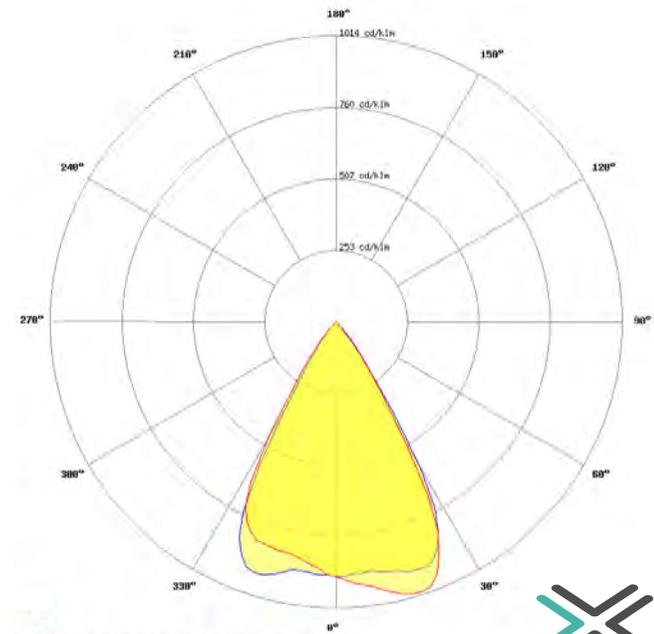
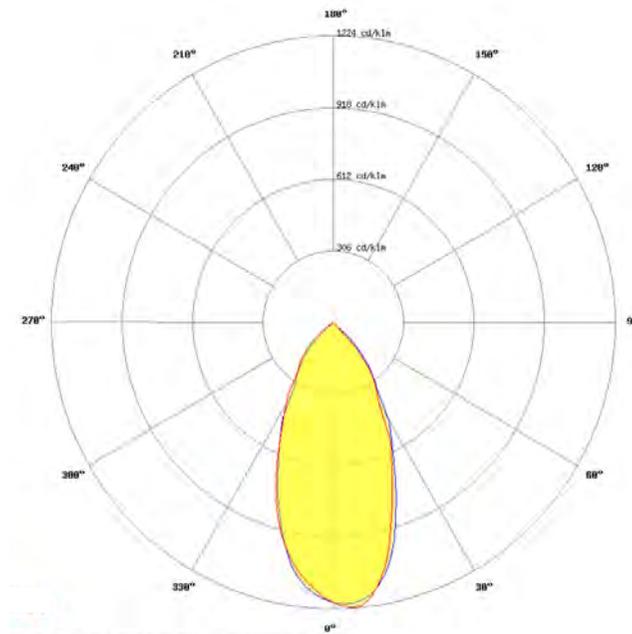
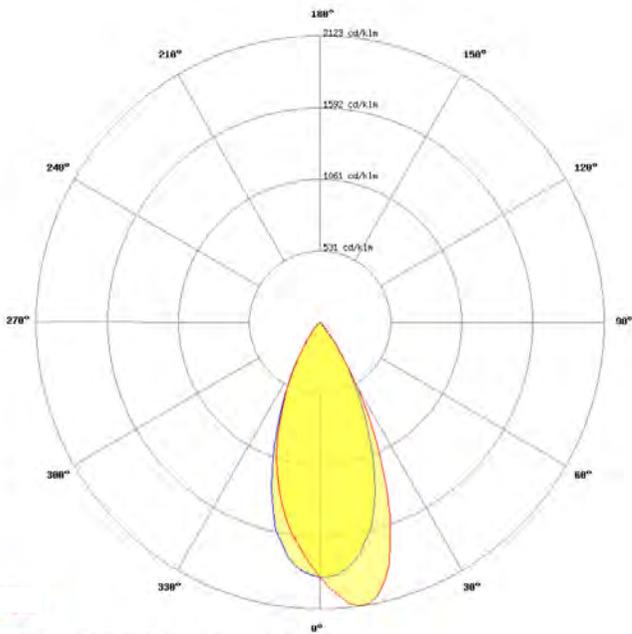
Wide Beam 40°



Wide Beam 50°



Wide Beam 60°



Multi-Beam OPTIK Downlights | Specifications

IP rating	IP20 or IP55 XTA 2.5 Loop only). IP20 only in HyperLoop						
Materials & finish	Extruded aluminium and powdercoat finish						
Loop Profiles available	XTA 2.5 LOOP Beam, XTA 2.5 LOOP Recessed, XTA 2.5 LOOP Slot HyperLoop Beam, Recessed and Slot						
Lumen Maintenance	114,000 Hours (L90 B10 @ 50°)						
Ambient temperature	-25° C to +50° C operating range with electronic thermal management						
Storage temperature	-20° C to 70° C						
Operating temperature	-25° C to 50° C						
Optic	Narrow (Spot Beam)	(Spot Beam)	(Medium Beam)	(Wide Beam)	(Wide Beam)	(Wide Beam)	
White	10°	18°	30°	40°	50°	60°	
Colour temperature	3000K / 4000K options available						
Pitch	70mm default. Custom spacing available on application						
Light Source	Xeramix1 3000K / 4000K						
CRI	80+						
Luminous intensity	IES photometric files available				439 - 2265lm/m		
Efficacy	Up to 100 lumens per watt						
Power	Total wattage including integral driver				5.76 - 27.07W/m		
Control	Non-dimming, DALI-2, 0/1 - 10V or Push dimming, Casambi control						
Power Input	240V Nominal (USA - 120 – 277V)						
Baffle options	Black only						

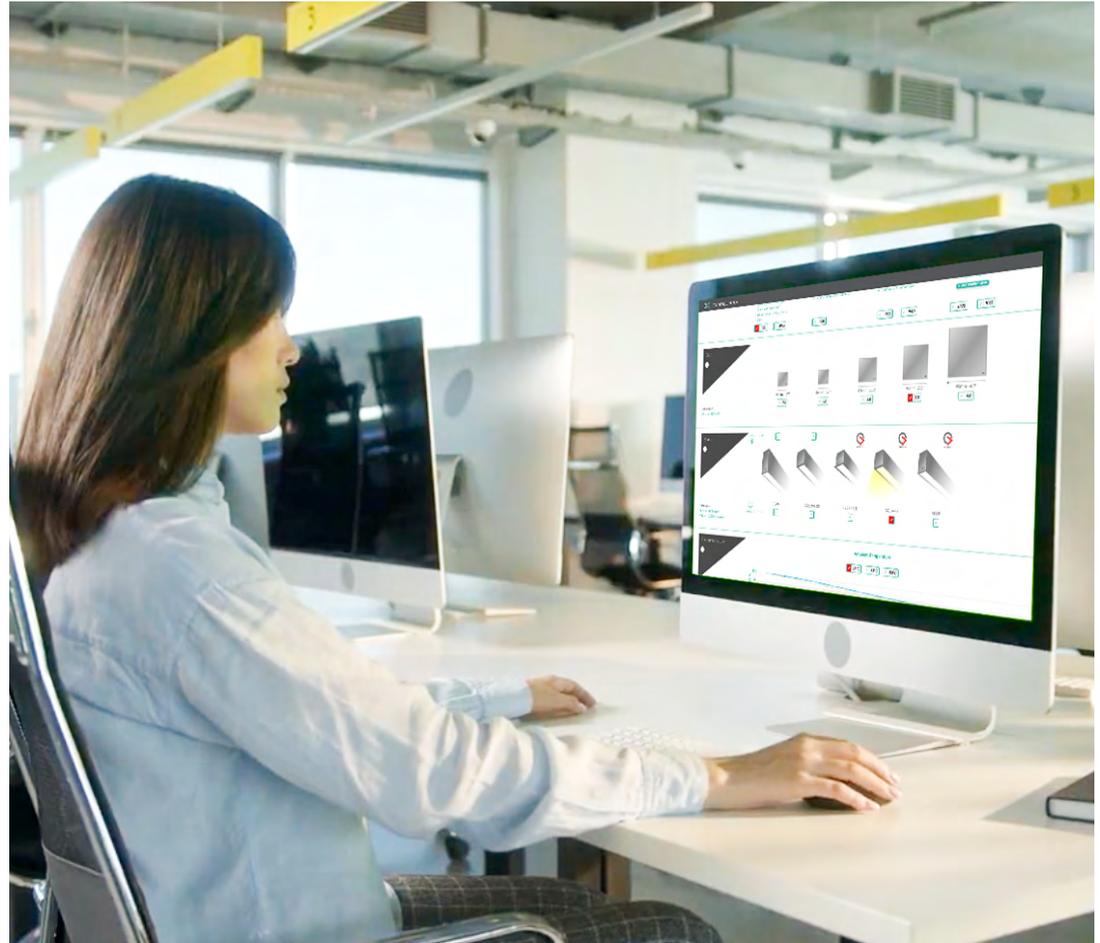
How to specify

Specify with Confidence | Configure with Precision.

The Multi-Beam OPTIK Downlight System can be specified through XERO's award-winning digital platform — X-Configurator. Effortlessly select and configure individual optic modules, mix beam distributions within a single luminaire, and tailor performance to suit your exact project requirements. With the X-Configurator you can:

- Simulate photometric performance in real time.
- Visualise precise beam distribution and optic combinations.
- Download IES files directly into your lighting design workflow.
- Generate BIM and Revit files configured to your exact specification.

The X-Configurator is the only platform of its kind that delivers fully configured BIM and Revit outputs — ensuring seamless integration from concept through documentation.



Begin your specification journey at: xconfigurator.xerolighting.com

Xero Linear Lighting Systems

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