

STENOS<sup>®</sup>  
by luminii

MICRO OPTICS

MACRO PERFORMANCE







1" TRIMLESS DOWNLIGHT

RECESSED TRACK

LINEAR DOWNLIGHT  
(3", 5", AND 12" OPTIONS)



SUSPENDED TRACK

1" TRACK HEAD

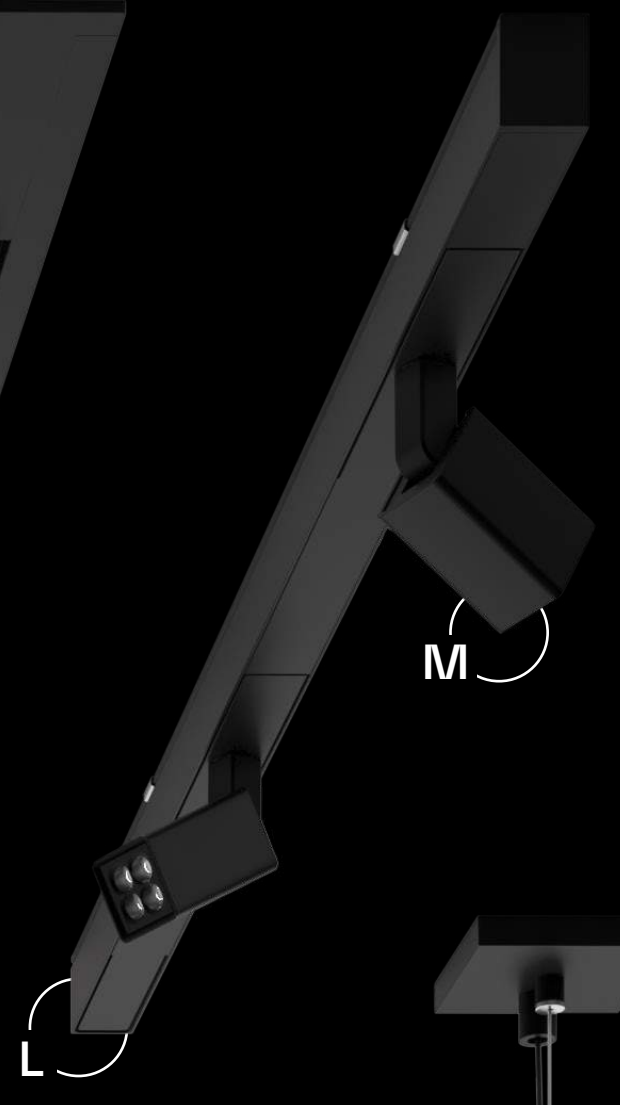
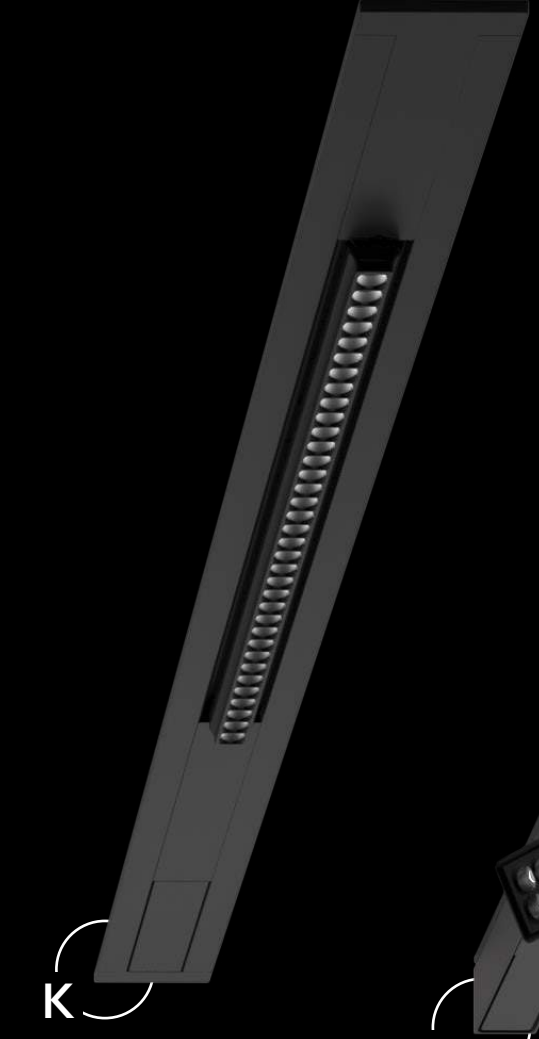
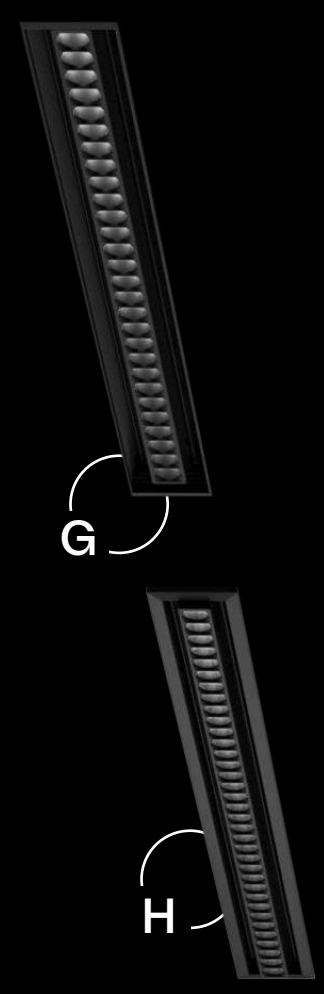
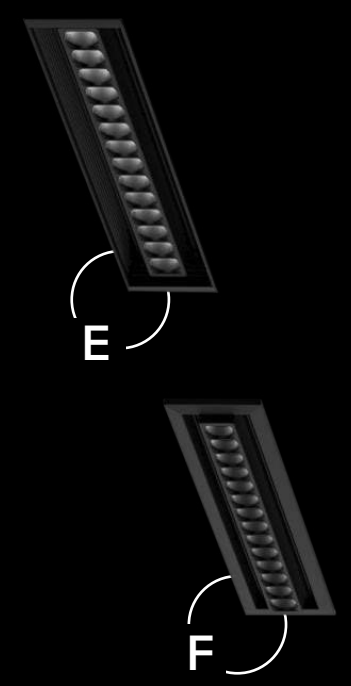
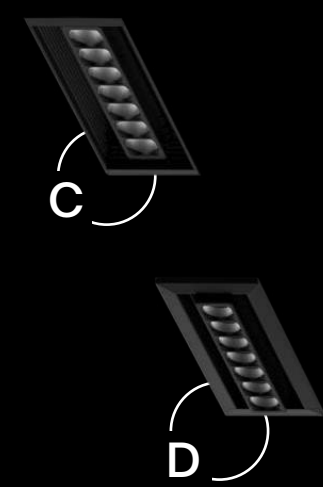
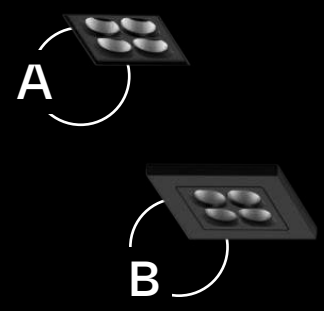




# THE STORY OF STENOS®

Since the beginning, Luminii has been committed to producing the purest Light Quality possible, pushing the boundaries of LED technology to give our customers the best possible experiences. This pursuit led us down the path of micro-optics, bringing together a minimalist, almost transparent aesthetic without sacrificing light quality. Sounds simple in theory, but it's trickier than you might think. Mixing a bit of magic and science, we conceived the perfect micro-optic light engine as the basis and heart of the STENOS product range. Our Titanium Dioxide Coated CSPs were engineered from the ground up to ensure everyone can experience lighting minimalism at its finest.





**A** 1" SQUARE TRIMLESS DOWNLIGHT

**B** 1" SQUARE TRIMMED DOWNLIGHT

**C** 3" LINEAR TRIMLESS DOWNLIGHT

**D** 3" LINEAR TRIMMED DOWNLIGHT

**E** 5" LINEAR TRIMLESS DOWNLIGHT

**F** 5" TRIMMED DOWNLIGHT

**G** 12" LINEAR TRIMLESS DOWNLIGHT

**H** 12" LINEAR TRIMMED DOWLIGHT

**I** TRIMLESS DEEP RECESSED TRACK SYSTEM

**J** TRIMLESS RECESSED TRACK SYSTEM

**K** TRIMMED RECESSED TRACK SYSTEM

**L** SURFACE MOUNT TRACK SYSTEM

**M** 1" TRACK HEAD

**N** SUSPENDED TRACK SYSTEM

\*3" and 12" Linear Dynamic White Options Available



**STENÓS /stěň-ohs/** has ancient Greek origins and means narrow or tight which was the inspiration behind the company's segue into the micro-optic lighting market.





## STANDARD DOWNLIGHTS

This kitchen scene is illuminated with traditional 6" can lights. While target light levels are suitable for cooking, the overall space is stark, lacking dimension, and generally overstimulating resulting in a space that's not designed to be multifunctional.

## STENOS MICRO OPTICS

This kitchen scene is now lit with STENOS. Target light levels are suitable for cooking but omit needless light pollution across the space. The result is an environment that's both functional for cooking and entertaining accentuating the architecture and finishes.





# EXCEPTIONAL MICRO OPTICS



## 1 OPTIC FOR 1 DIODE

STENOS features an ultramodern micro-optic CSP light engine. So, what is a CSP and why is ours so different? Simply put, this light engine is powered by Chip Scale Package (CSP) LEDs which are the smallest LEDs on the market. Each CSP consists of a single LED diode and customized Titanium Dioxide coating (TiO<sub>2</sub>), which allowed Luminii to develop an extremely small and narrow native TIR optic.

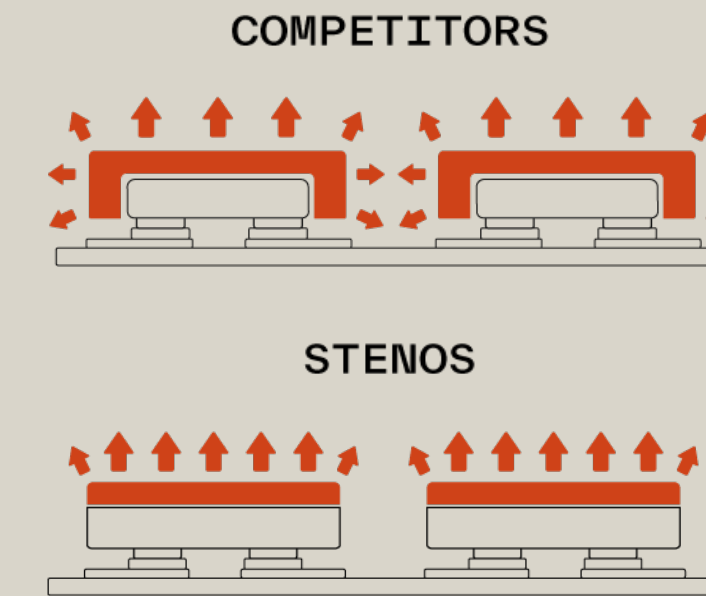


With CSP LED sources measuring in at just 1.7mm x 1.7mm coupled with Luminii's unique TiO<sub>2</sub> coating, Steno's optics efficiently extract and transfer lumens with an elevated level of precision pushing more lumens forward with less color over angle (COA) than traditional methods.

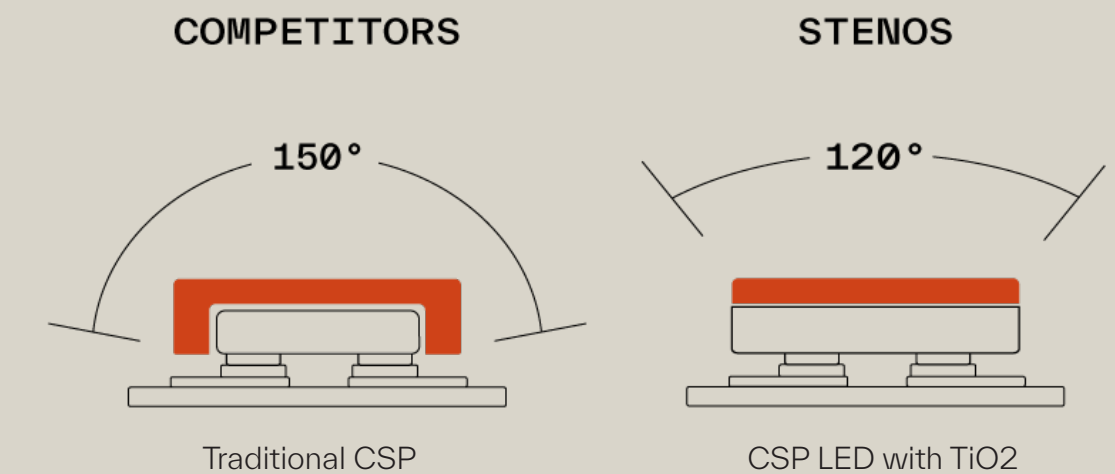
### Titanium Dioxide Coated CSP

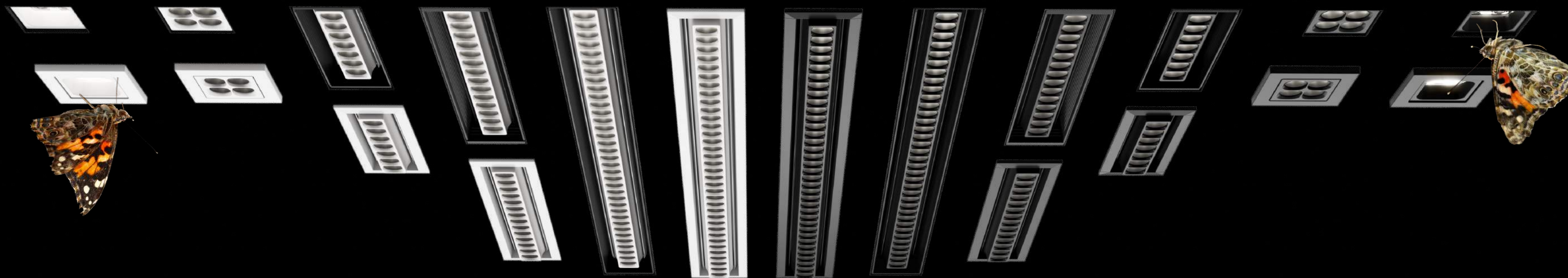
Directing more-light forward than conventional CSPs allows TIR ( Total Internal Reflection) optics to be more efficient...and smaller.

- + Less Cross Talk.
- + Less Color over Angle.

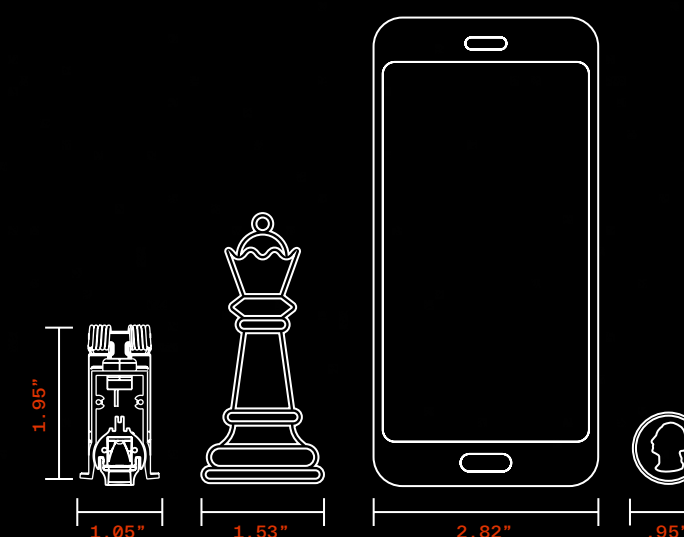


Applying this micro-optic CSP light engine to STENOS downlights and track systems has enabled Luminii to create quiet and seamless architectural lighting options that deliver a high level of control, superior light output, beautiful color uniformity, and high CRI designed to support a wide variety of applications including high-end residential, museum, hospitality, commercial office, and boutique retail spaces.





# STENOS<sup>®</sup> DOWNLIGHTS



Design beautifully with highly discreet STENOS micro-optic downlights from Luminii. Uniquely small, STENOS downlights deliver flawless beam quality from an architecturally designed form factor engineered to be extremely flexible in the field supporting a wide range of applications.



STENOS DOWNLIGHT FAMILY

# DOWNLIGHT OPTIONS



VIEW THE 1" SQUARE TRIMLESS DOWNLIGHT



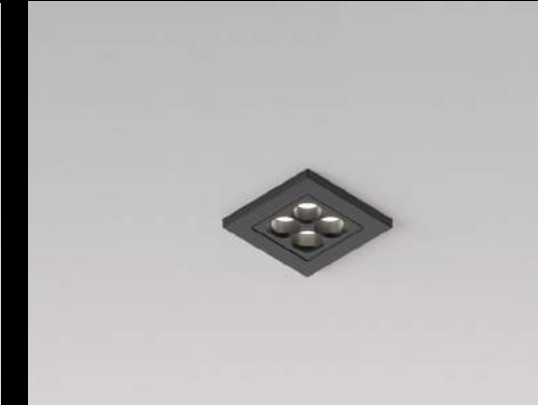
VIEW THE LINEAR DOWNLIGHTS

The STENOS architecturally designed downlight portfolio is uniquely small, consisting of four discreet micro-downlight profiles available in a 1" square, and 3", 5", 12" linear in both trimmed and trimless.

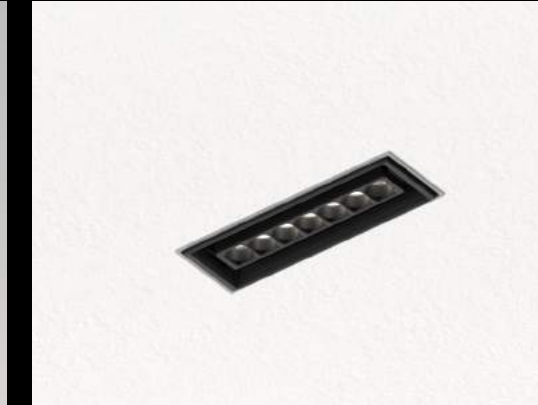
1" SQUARE TRIMLESS DOWNLIGHT



1" SQUARE TRIMMED DOWNLIGHT



3" LINEAR TRIMLESS DOWNLIGHT



3" LINEAR TRIMMED DOWNLIGHT



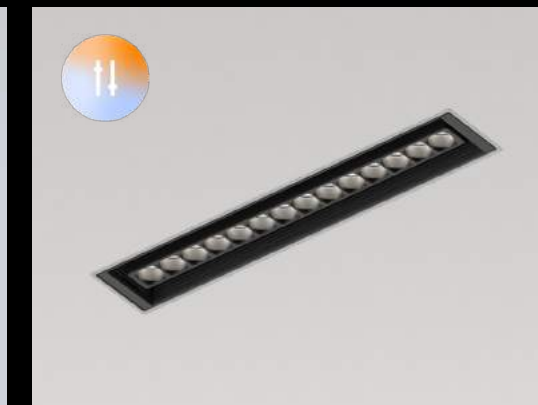
5" LINEAR TRIMLESS DOWNLIGHT



5" LINEAR TRIMMED DOWNLIGHT



5" LINEAR TRIMLESS DYNAMIC WHITE DOWNLIGHT



5" LINEAR TRIMMED DYNAMIC WHITE DOWNLIGHT



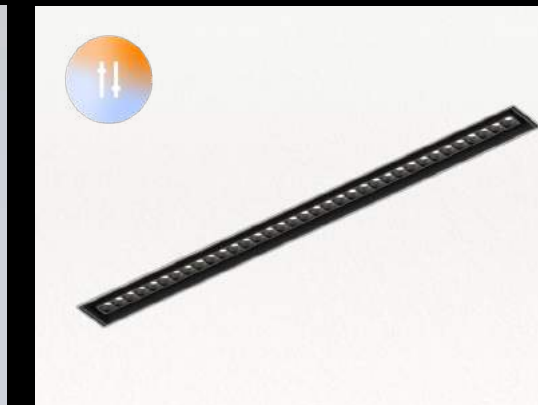
12" LINEAR TRIMLESS DOWNLIGHT



12" LINEAR TRIMMED DOWNLIGHT



12" LINEAR TRIMLESS DYNAMIC WHITE DOWNLIGHT



12" LINEAR TRIMMED DYNAMIC WHITE DOWNLIGHT



## STENOS DOWNLIGHTS TECHNICAL INFORMATION

	1"	3"	5"	12"	5" WW	12" WW
Lumen Output (3000k)	710 lm	250 lm	520 lm	1260 lm	275 lm	665 lm
Power Consumption	7.2 w	2.6 w	5.4 w	13.0 w	5.4 w	13.0 w
Efficacy (LM/W)	85 lm/w	96 lm/w	96 lm/w	96 lm/w	51 lm/w	51 lm/w
Beam Angle	15°	15°	15°	15°	WW	WW
Center Beam Intensity (CBCP)	3924 cd	1500 cd	3100 cd	7700 cd	N/A	N/A

\*based on a 15° optic



# SMALL WONDERS








STENOS 5"  
LINEAR DOWNLIGHT



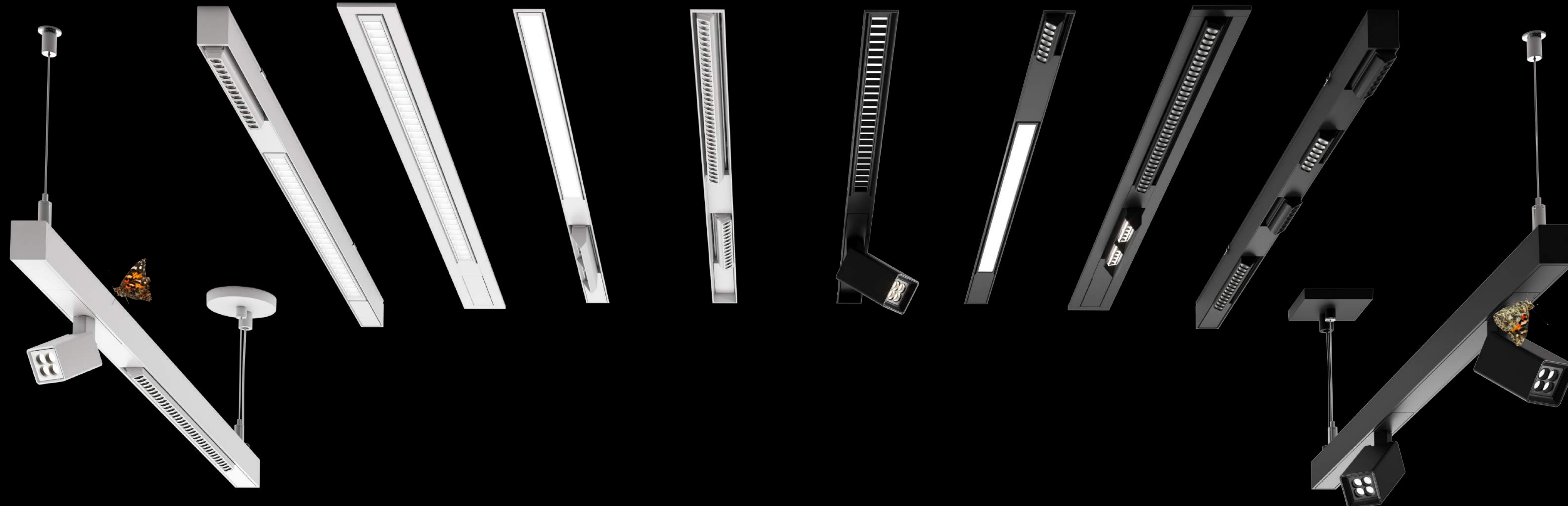
STENOS 12"  
LINEAR DOWNLIGHT



STENOS 3"  
LINEAR DOWNLIGHT







# STENOS<sup>®</sup> TRACK SYSTEMS

Imagine something new with STENOS track systems from Luminii. Highly modifiable, STENOS track systems are available in recessed, surface, and suspended options. Designed to meld seamlessly into any environment.



STENOS TRACK

# TRACK OPTIONS



VIEW THE  
SUSPENDED TRACK



VIEW THE  
SURFACE TRACK



VIEW THE  
RECESSED TRACK



VIEW THE  
DEEP RECESSED TRACK

**A** TRIMLESS DEEP RECESSED TRACK SYSTEM

**B** TRIMLESS RECESSED TRACK SYSTEM

**C** TRIMMED RECESSED TRACK SYSTEM

**D** SURFACE MOUNT TRACK SYSTEM

**E** SUSPENDED TRACK SYSTEM





## STENOS TRACK

# TRACK SYSTEMS

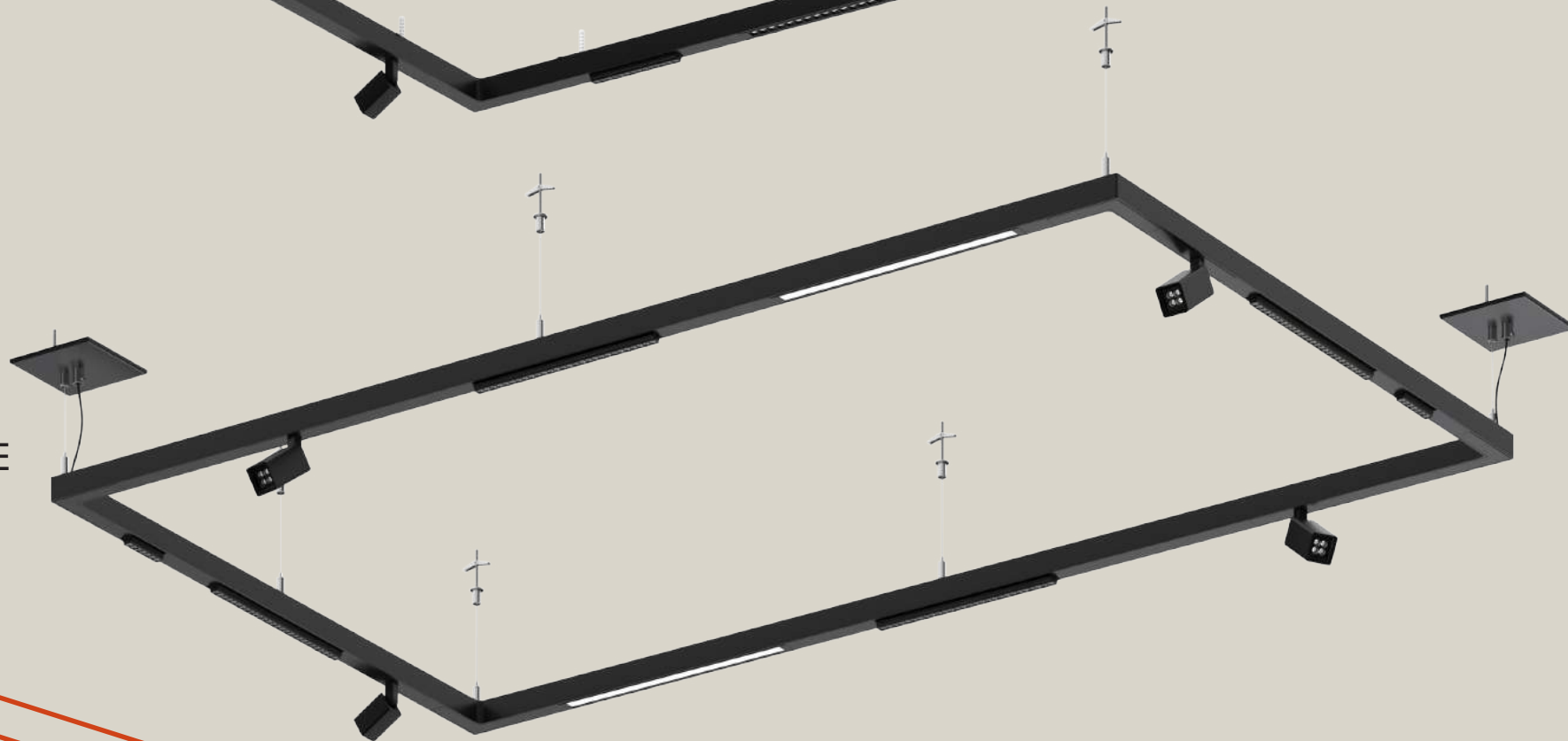
STENOS track systems are offered in four distinct shapes which may be customized to fit any space.

All systems are pre-assembled standard, taking the guesswork out of complicated design installations. Available in Suspended, Surface, Recessed, and Deep Recessed Mounting types.

1 "U" SHAPE



2 SQUARE SHAPE



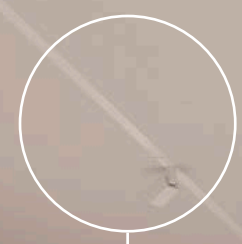
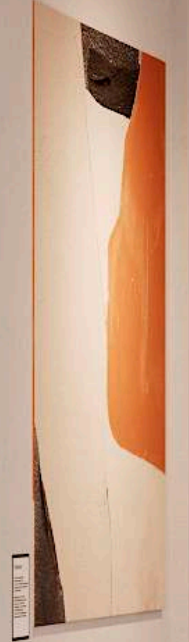
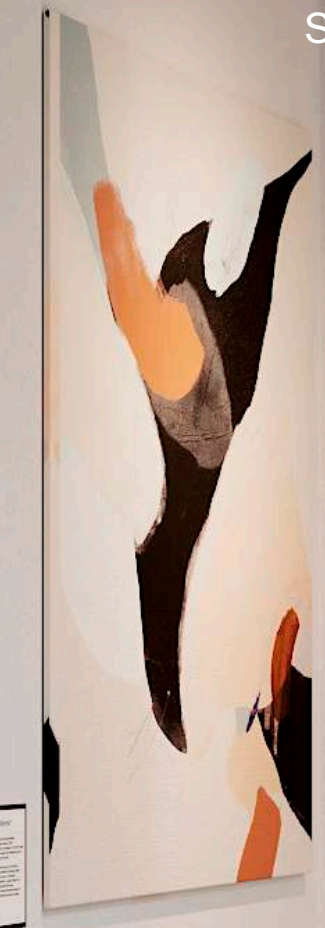
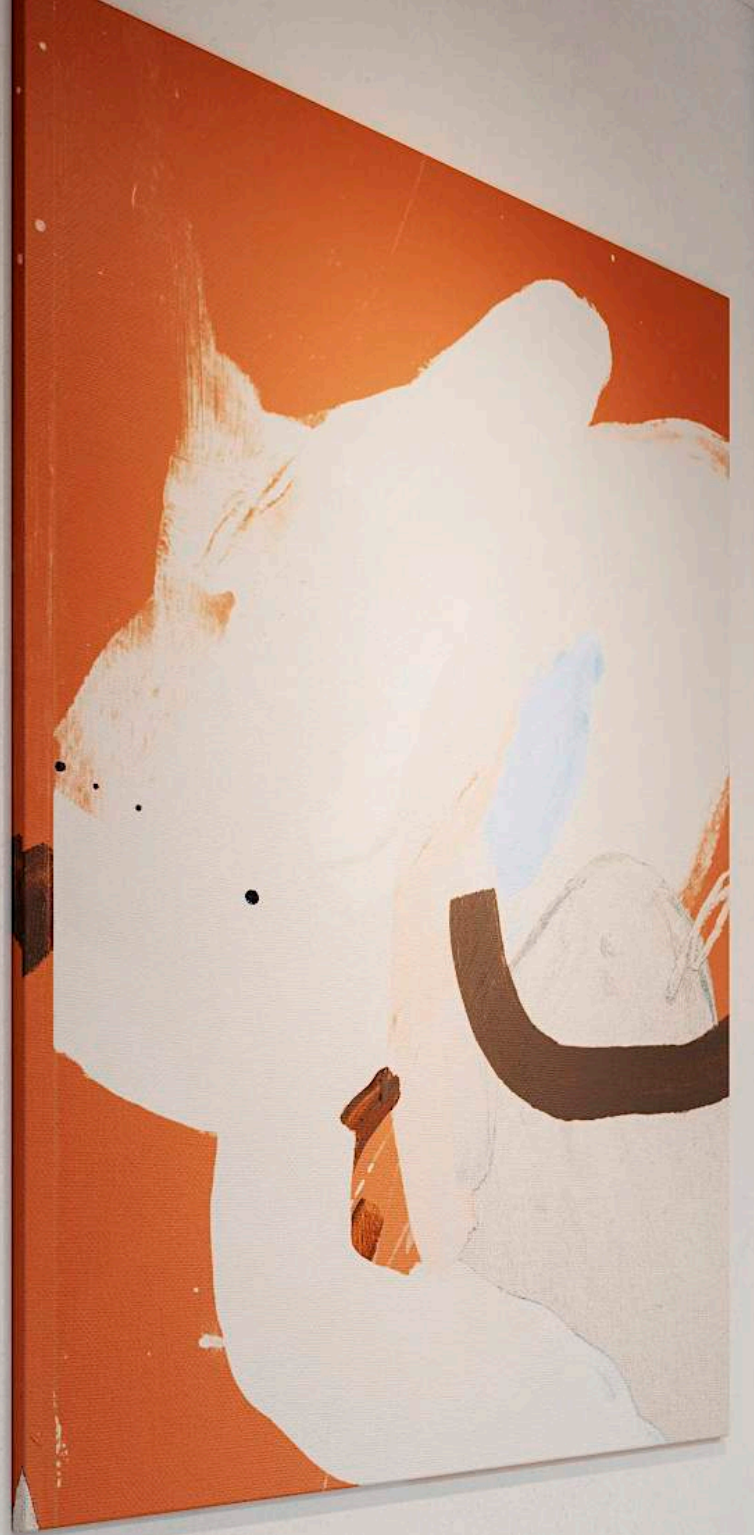
3 "L" SHAPE



4 STRAIGHT



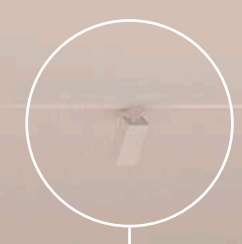




STENOS TRACK SYSTEM



STENOS SQUARE TRACK SYSTEM



STENOS 1" TRACK HEAD



# STENOS

The STENOS product range supports a wide range of ceiling types including Drywall, Wood, and Open Ceilings.







VIEW THE DIRECTIONAL  
MODULES SPEC SHEET



VIEW THE AMBIENT  
MODULE SPEC SHEET

## STENOS TRACK

# AMBIENT, DIRECTIONAL, & TRACK HEAD MODULES

STENOS 1-inch track heads and directional and ambient modules offer beautiful beam quality and high flexibility with its surface, recessed, deep recessed, and suspended track systems. Track heads and modules are seamlessly integrated into the micro track systems, creating a streamlined highly integrated look.

3" LINEAR DIRECTIONAL  
MODULE



5" LINEAR DIRECTIONAL  
MODULE



5" LINEAR DYNAMIC WHITE  
DIRECTIONAL MODULE



12" LINEAR DIRECTIONAL  
MODULE



12" LINEAR DYNAMIC WHITE  
DIRECTIONAL MODULE



LINEAR AMBIENT MODULE



1" TRACK HEAD LONG



1" TRACK HEAD SHORT







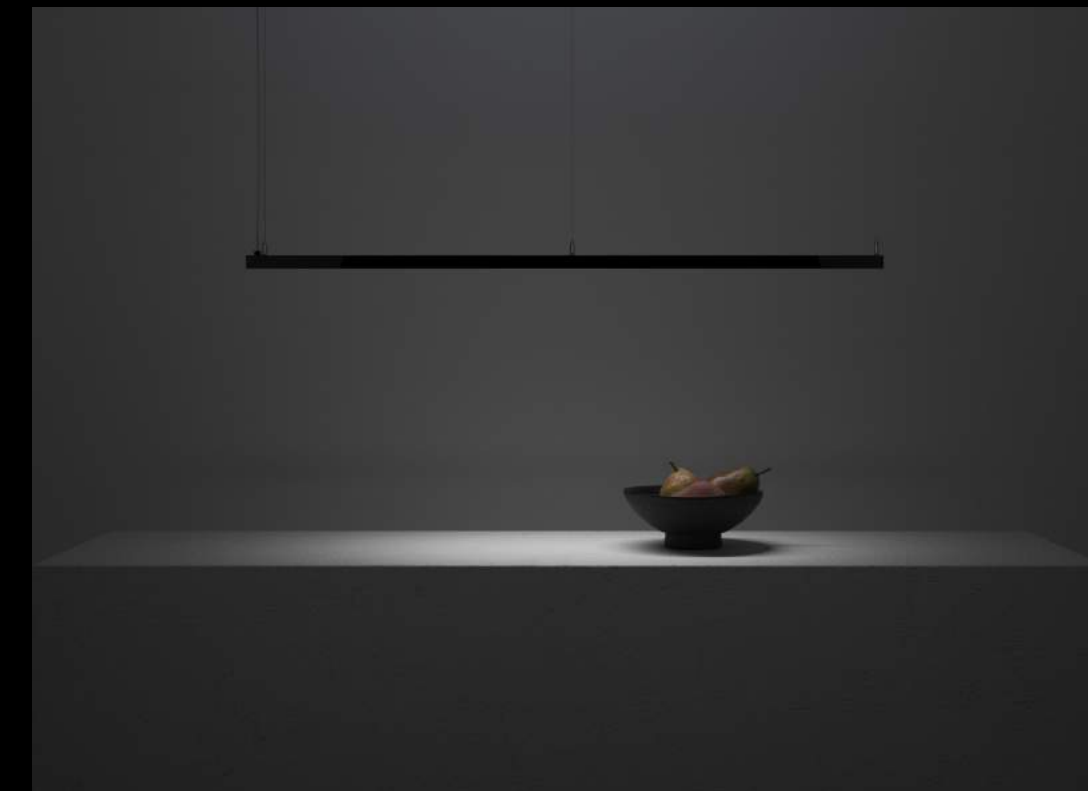
#### STENOS AMBIENT MODULES TECHNICAL INFORMATION

TYPE	24"		48"	
OUTPUT OPTIONS	SO	HO	SO	HO
Lumen Output (3000k)	475 lm	1000 lm	950 lm	2025 lm
Power Consumption	5.5 w	12.3 w	11.0 w	24.7 w
Efficiency (lm/W)	86 lm/w	81 lm/w	86 lm/w	82 lm/w

#### STENOS DIRECTIONAL MODULES TECHNICAL INFORMATION

OUTPUT OPTIONS	3"	5"	12"
Lumen Output (3000k)	250 lm	520 lm	3100 lm
Power Consumption	5.4 w	5.4 w	13.0 w
Efficiency (lm/W)	96 lm/w	96 lm/w	96 lm/w
Center Beam Intensity (CBCP)	1500 cd	3100 cd	7700 cd

#### AMBIENT MODULE



#### 15° DIRECTIONAL MODULE





UPSCALE, MEET SMALL SCALE

SUBTLE GRANDEUR

# MI COCINA

# THE PEARL CLUB

PROJECT NAME

LOCATION

LIGHTING DESIGNERS

ARCHITECT

PHOTOGRAPHY

MI COCINA

DALLAS, TX

ESSENTIAL LIGHTS

DROESE RANEY  
ARCHITECTURE INC.

FREDRIK BRODEN

PROJECT NAME

LOCATION

LIGHTING DESIGNERS

PHOTOGRAPHY

THE PEARL CLUB

CHICAGO, IL

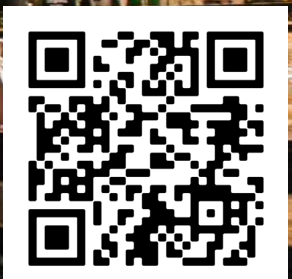
MORLIGHTS

OLIVIA BLINN



SCAN TO VIEW  
THE CASE STUDY

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SCAN TO VIEW  
THE PROJECT



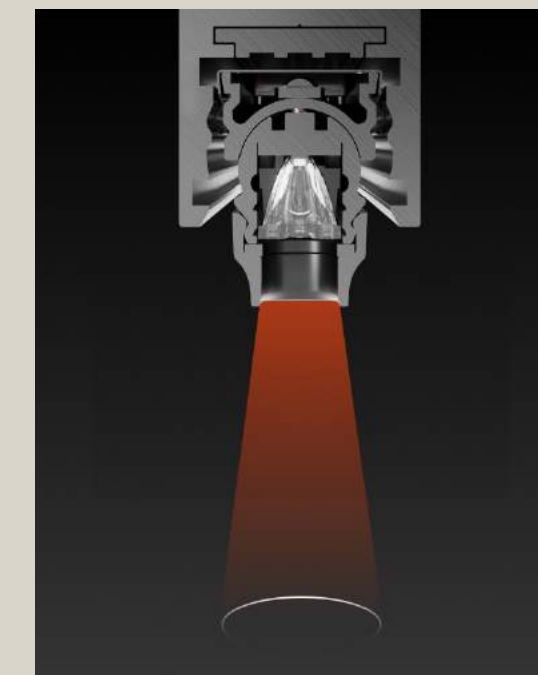
# MODIFYING BEAMS, MADE SIMPLE



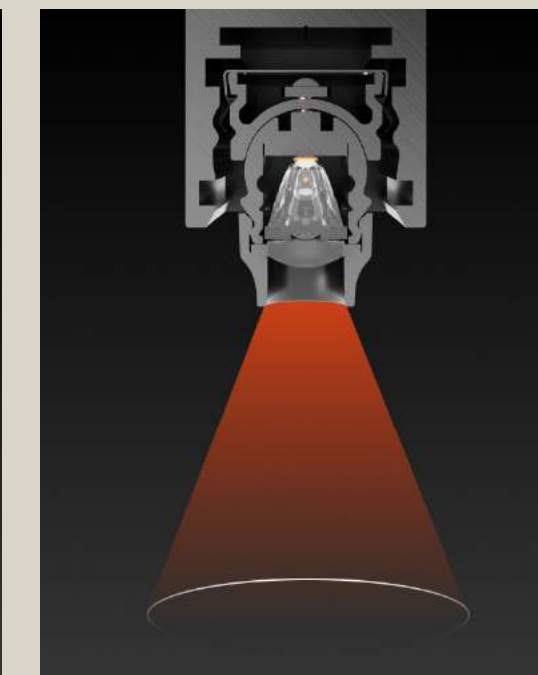
Beam shaping accessories support both the Downlight and Track Directional Modules. Customers have the freedom to customize their lighting designs with supporting STENOS Easy Snap™ accessories\* glare control louvers for 15°, 30°, 60° beams, as well as a wall wash option to support wall grazing, all interchangeable and easily adjustable even after install.

\*Easy Snap optical accessory cannot be stacked

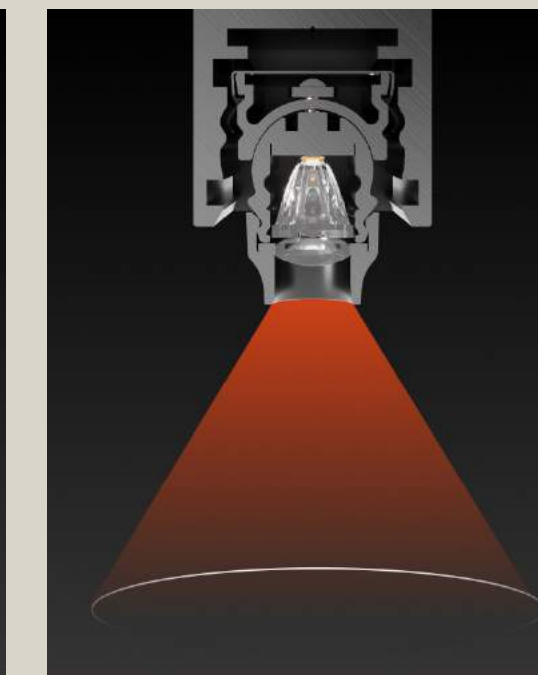
15° BEAM SPREAD



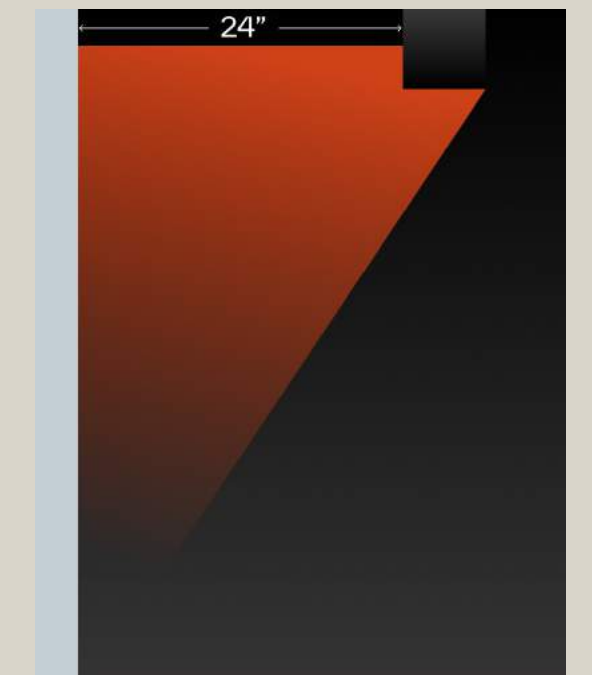
30° BEAM SPREAD



60° BEAM SPREAD



WALL WASH













# STENOS<sup>®</sup>

by luminii

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