



**SCOUT LIGHTING**

**FULLY ASSEMBLED RIGID LINEAR ACCENT LIGHTING**

**2019**

*“Lighting design is the ultimate marriage of art and science and stands on its own as one of the highest and most powerful of all the arts.”*

*- Jack Zukerman*

## ABOUT SCOUT

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Scout Lighting is the realization of the vision of its founder Alex Nicolaides.

Alex is a product of the LED revolution. While completing his studies, earning an Industrial Design degree, a decade ago, Alex chose to intern first with the renown avant-garde material and product research company, Material ConXection. It was there that he was inspired to new and experimental materials and products. He went on to complete his internships with prominent, established lighting manufacturers, ILEX / Norwell & Sonneman, Way of Light.

It was a free-lance assignment, however, for a then start up LED manufacturer, Acolyte LED, that gave him his opportunity to develop a strong background in the blossoming LED industry. As the second, to the companies' owner and VP of Design and Business development, Alex, developed new linear lighting product, spent time in China overseeing and developing manufacturing techniques and quality control processes, travelled the U.S. and Canada opening a rep network, and opened new markets in India and Australia. As the company grew, Alex opened an assembly facility in the U.S. and China as well as brought in industrial designers, electrical engineers, graphic designers, participated in complex installations and worked closely with the lighting design and architectural community. Alex's final position before starting Scout Lighting was with Coronet Lighting, as Vice President of Design and Business Development.

It was the time he spent with designers, installers and end users that inspired Alex to strike out on his own and create Scout Lighting. Frustrated with the way linear lighting was manufactured, complex ordering and inventory requirements and adapting to the quickly changing technologies, Alex created a superior linear lighting system as his first product offering.



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# FULLY ASSEMBLED RIGID LINEAR ACCENT LIGHTING

**2.5**

2.5 Watts / Foot  
180 Lumens / Watt  
450 Lumens / Foot

**5.0**

5.0 Watts / Foot  
150 Lumens / Watt  
750 Lumens / Foot

**10.0**

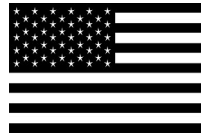
10.0 Watts / Foot  
120 Lumens / Watt  
1,250 Lumens / Foot

\*Above metrics represent Basic Fixture

**R9 CRI BINNING MACADAM EFFICACY WARRANTY**

80+ 90+ +/- 200K 3 Step 180 Lm / Wt 5 Years

**AMERICAN MADE THERMALS CERTIFIED PATENT PENDING**



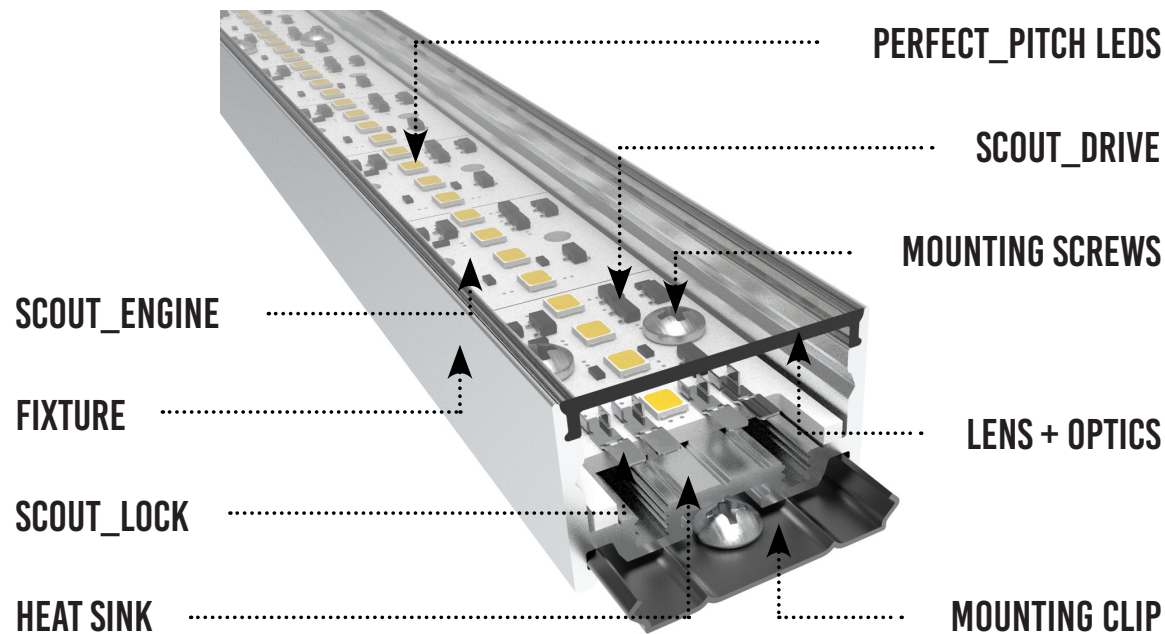
Scout's product line is designed with you in mind. Whether you are the designer, representative, distributor, installer or end user the line has been built from the ground up to make your life easier.

Utilizing state of the art components and rigid engines to deliver the perfect thermal environment, enhancing the life span of the product.

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# FIXTURE ANATOMY



## PERFECT\_PITCH LEDs

Achieve an uncompromised layer of architectural lighting at any intensity through LED spacing that never change with the intensity. This means no hot-spots and imaging when paired with the Milky lens.

## SCOUT\_ENGINE

Rigid boards Plug and Play together.

Cutable and field trimmable to the inch.

## HEAT SINK

The proprietary design of the scout fixtures keeps the LEDs right over the aluminum. No double sided tape to interfere with heat transfer.

We aim to keep your lights cool.

## SCOUT\_DRIVE

A patent pending circuit design delivers 3 separate intensities within a single engine. One engine, one pitch is the only way to simply and brilliantly bring a vision to reality.

## MOUNTING SCREWS

No more double sided tape!

Scout's Rigid Engines are held firmly in place with screws.

## FIXTURE

Designed from the ground up to be a module system.

Each fixture is 100% custom to you.  
Pre assembled and cut to the inch

We can powder coat to any finish you desire.

## SCOUT\_LOCK

Developed with a straightforward installation process in mind, engine connectors quickly lock together. No tools are necessary even when housing in the Scout Select Channel.

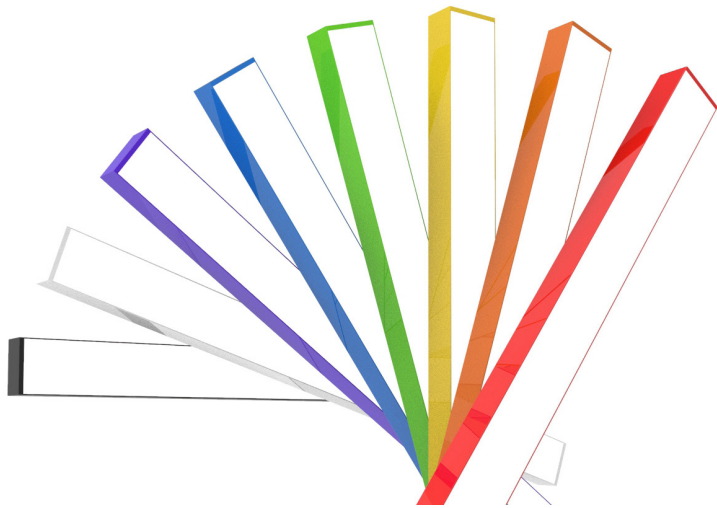
## MOUNTING CLIP

Scout's mounting clip sits flush when installed. Once installed you'll never see it again!

Also comes in Magnetic mounting

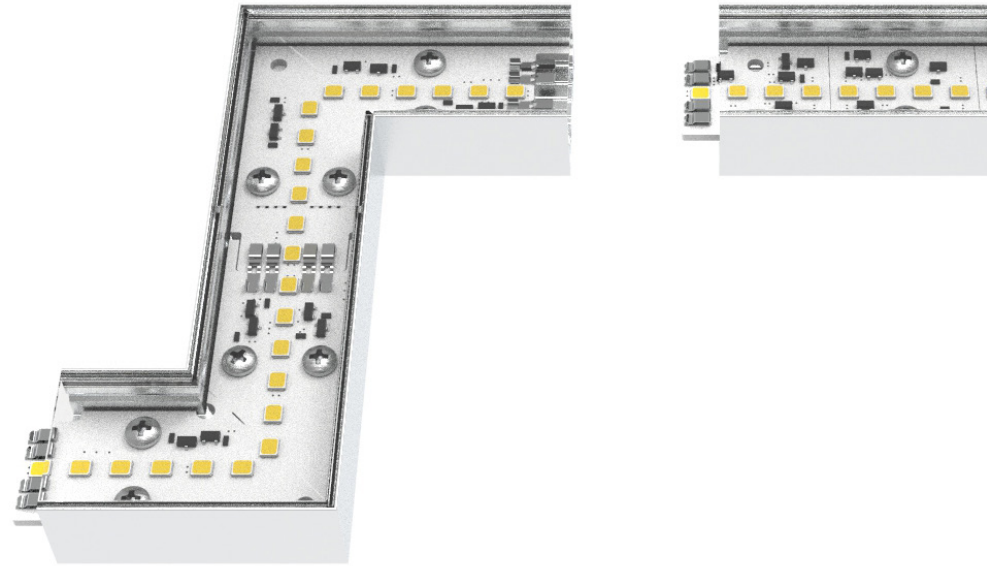
## LENS + OPTICS

Scout offers multiple lens options for you. Frosted lens for maximum output, Milky lens for visible hot-spot free illumination and a 10 degree grazer to make those textured walls pop.



## FINISH

Powder Coat any Scout Fixture to any RAL #  
Your Fixture. Your Design. Customized.



## SCOUT\_LOCK

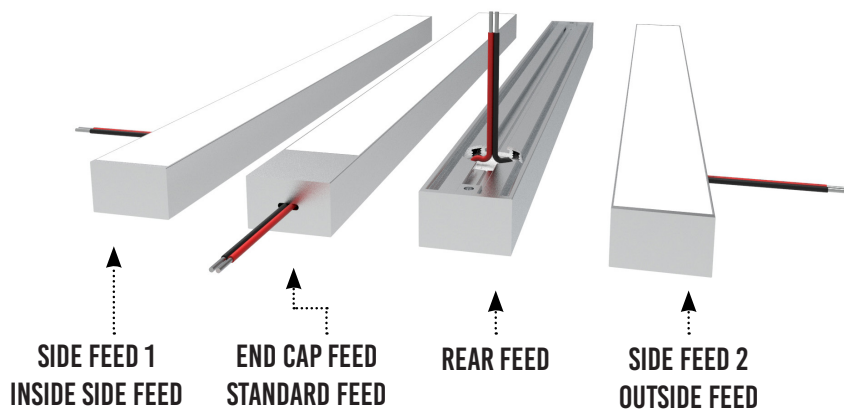
Scout fixtures come completely preassembled.

All the installers need to do is simply slide them together.

New power feeds can be injected anywhere.

Never have a break in light!

## FEED OPTIONS



# SCOUT ADVANTAGE

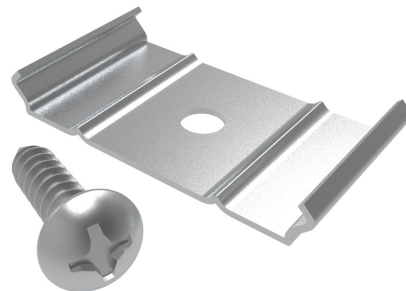
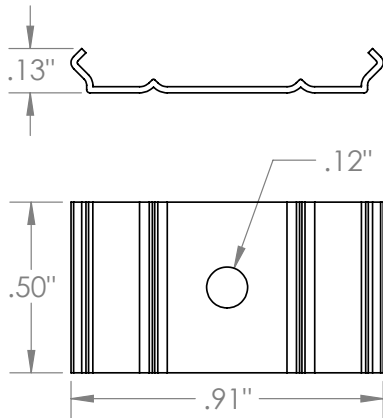
## COLOR TEMPERATURES

### STATIC WHITE COLOR TEMPERATURES



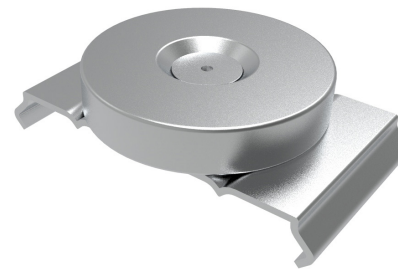
Accurately rendered color temperatures define the look and feel of every built environment.

## MOUNTING

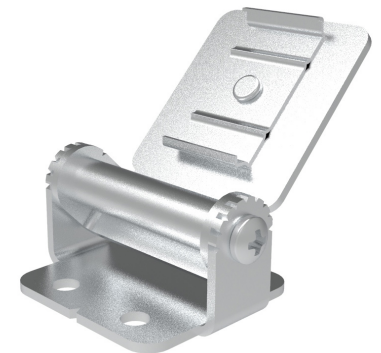


**SURFACE MOUNTING**  
**PART # SSM**

Ships with 1/2" #4 Screw  
Use #1 Phillips Bit Driver



**MAGNETIC MOUNTING**  
**PART # SSMMAG**



**TILTABLE STAND**  
**PART # SSMTILT**

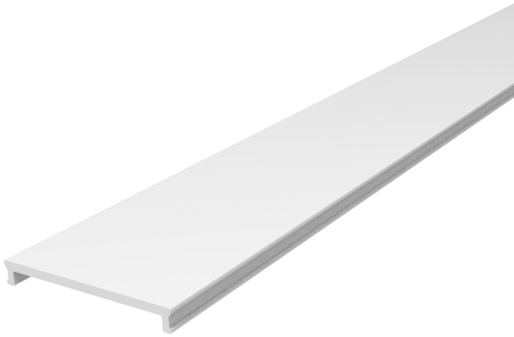
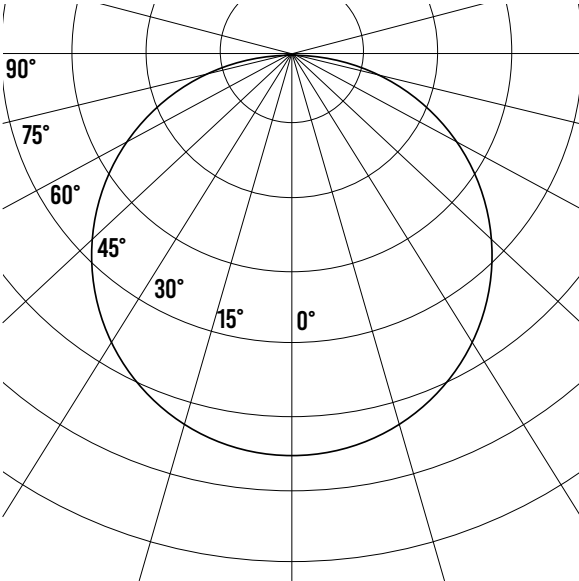


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\*Expected release Q2



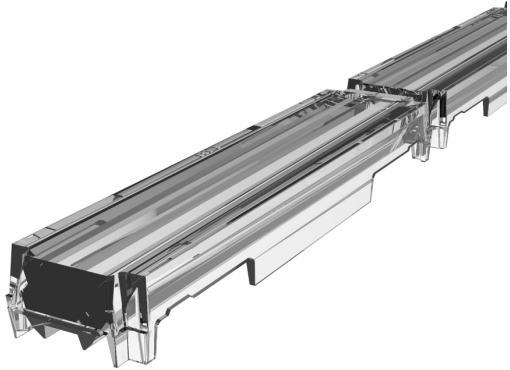
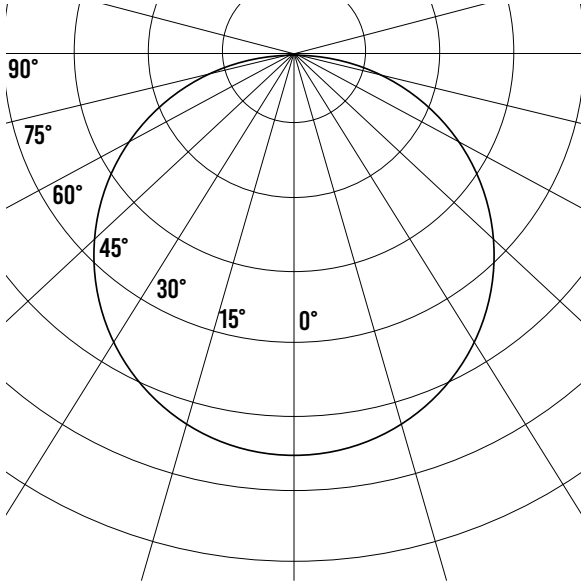
**FLAT FROSTED**

**VISIBLE HOT SPOTS  
5% LOSS OF LIGHT  
CCT SHIFT : -30K  
PART # FF**



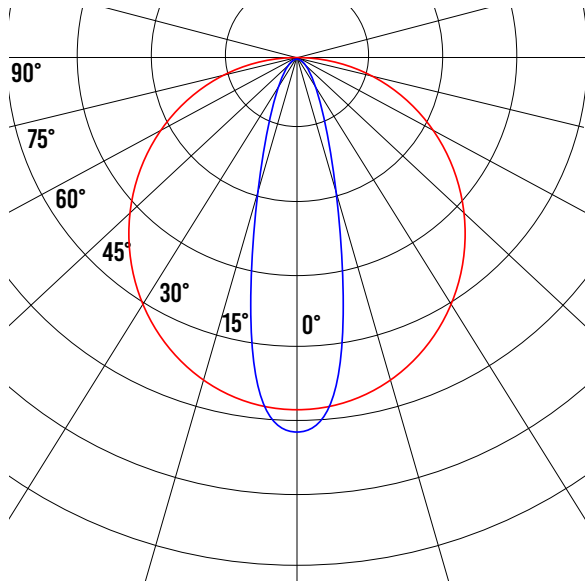
**FLAT MILKY**

**NO VISIBLE HOT SPOTS  
50% LOSS OF LIGHT  
CCT SHIFT : -200K  
PART # FM**

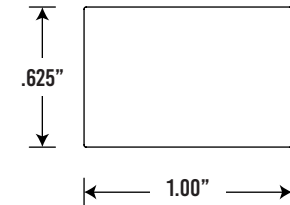
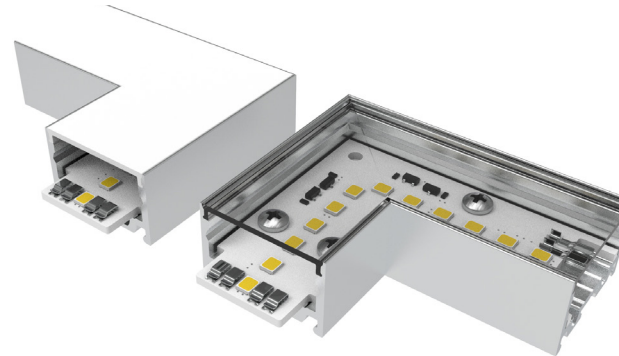
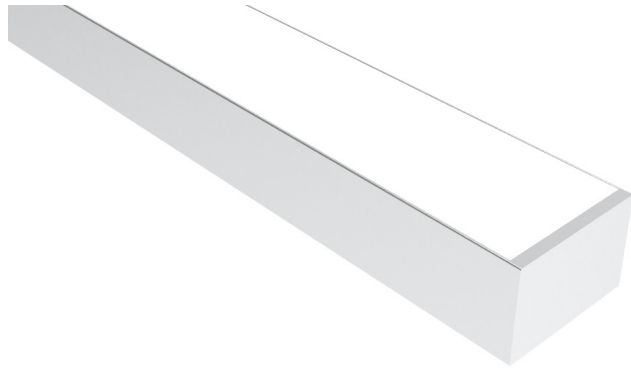


**10 X 60 GRAZER**

**PART # OG10**



# THE SURFACE FIXTURE



**CORNER MODULES**

## FEATURES

The core of the Scout Select Line. The Surface fixture is designed from the ground up to be modular and simple to install. Works with Any lens or illuminated corner module and any mounting clip.

Pair with the Milky lens for continuous hot-spot free lighting.

### FROSTED LENS : 5% LIGHT LOSS

OUTPUT	2.5	5.0	10.0
Watts / Foot	2.5	5.0	10.0
Lumens / Foot	428	713	1,188
Lumens / Watt	171	143	119
CCT Shift	-30K		

## APPLICATIONS

- Cove Lighting
- Under Cabinet Lighting
- Vanity
- Stairs and Toe Kicks
- Back Lighting
- Grazing

### MILKY LENS : 50% LIGHT LOSS

OUTPUT	2.5	5.0	10.0
Watts / Foot	2.5	5.0	10.0
Lumens / Foot	225	375	625
Lumens / Watt	90	75	63
CCT Shift	-200K		

## DIMENSIONS

Width	1.000"
Height	0.625"
Length	Any Length Cut to the inch
End Cap	Adds 1" to length

## WORKS WITH

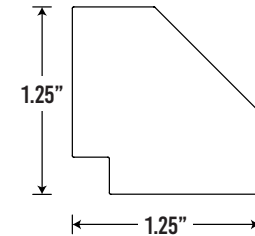
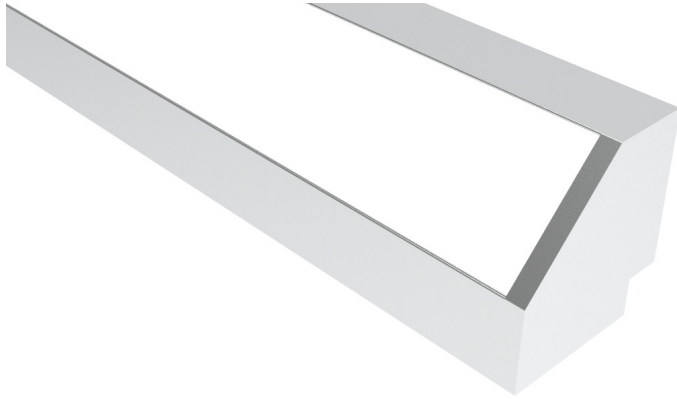
Frosted Lens	Yes
Milky Lens	Yes
Grazer Lens	Yes
Illuminated Corners	Yes
Surface Mounting Clip	Yes
Magnetic Mounting Clip	Yes
Tiltable Stand	Yes



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# THE CORNER FIXTURE



## FEATURES

The Scout Corner Fixture takes the standard 120 degree output of the Surface Fixture and tilts it 45 degrees. Perfect for throwing light out of a cove, upper cabinets or a toe kick.

For maximum output and slight diffusion pair with the Frosted Lens.

## WORKS WITH

Frosted Lens	Yes
Milky Lens	Yes
Grazer Lens	Yes
Illuminated Corners	No
Surface Mounting Clip	Yes
Magnetic Mounting Clip	Yes
Tilttable Stand	Yes

## APPLICATIONS

- Cove Lighting
- Under Cabinet Lighting
- Vanity
- Stairs and Toe Kicks
- Back Lighting
- Grazing

## FROSTED LENS : 5% LIGHT LOSS

OUTPUT	2.5	5.0	10.0
Watts / Foot	2.5	5.0	10.0
Lumens / Foot	428	713	1,188
Lumens / Watt	171	143	119
CCT Shift		-30K	

## DIMENSIONS

Width	1.250"
Height	1.250"
Length	Any Length Cut to the inch
End Cap	Adds 1" to length

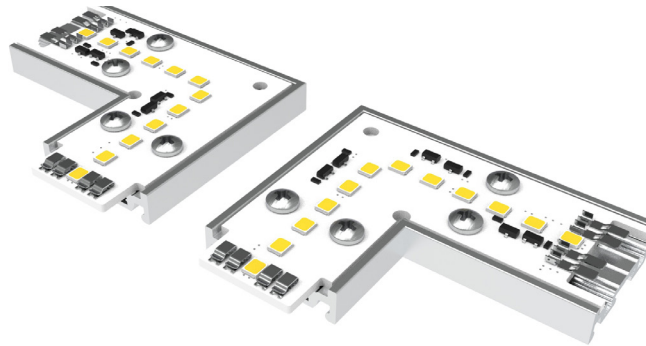
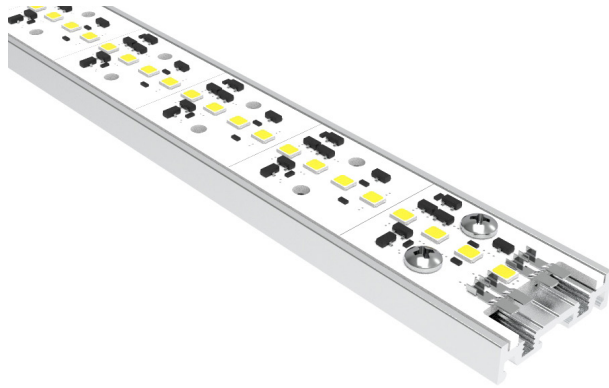
## MILKY LENS : 50% LIGHT LOSS

OUTPUT	2.5	5.0	10.0
Watts / Foot	2.5	5.0	10.0
Lumens / Foot	225	375	625
Lumens / Watt	90	75	63
CCT Shift		-200K	

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# THE BASIC FIXTURE



**CORNER MODULES**



## FEATURES

The Basic fixture offers all the benefits of the Surface fixture without the lensing.

The Basic fixture gives a rigid mounting plane for the Scout Engines while providing heat sinking and simple mounting options.

## APPLICATIONS

- Cove Lighting
- Under Cabinet Lighting
- Vanity
- Stairs and Toe Kicks
- Back Lighting
- Custom integration into other fixtures or Housings

## DIMENSIONS

Width	1.000"
Height	0.250"
Length	Any Length Cut to the inch
End Cap	Adds 1" to length

## NO LENS

OUTPUT	2.5	5.0	10.0
Watts / Foot	2.5	5.0	10.0
Lumens / Foot	450	750	1,250
Lumens / Watt	180	150	125

## WORKS WITH

Frosted Lens	No
Milky Lens	No
Grazer Lens	No
Illuminated Corners	Yes
Surface Mounting Clip	Yes
Magnetic Mounting Clip	Yes
Tiltable Stand	Yes



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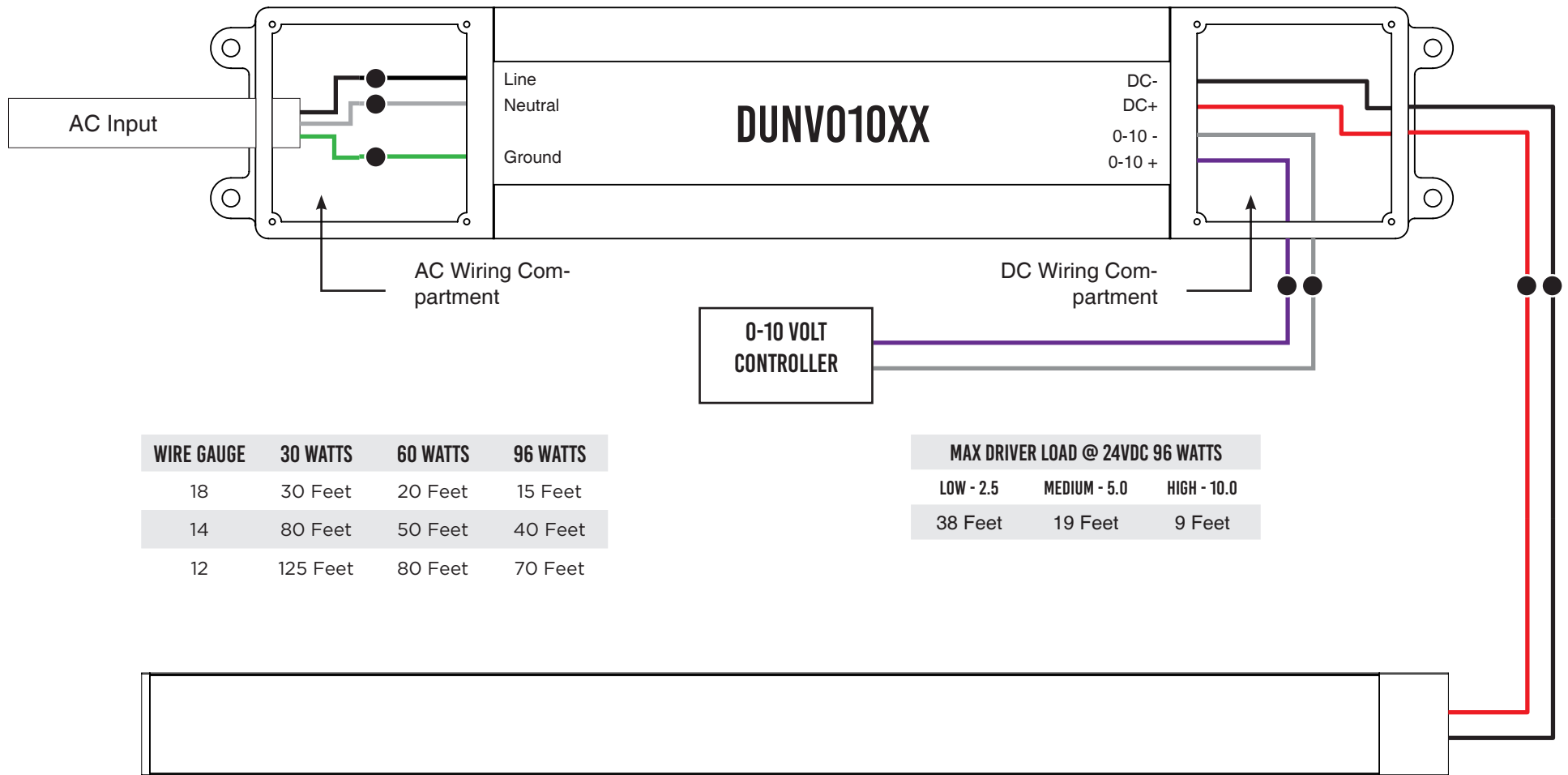
# SPECIFICATIONS

INTENSITY	2.5	5.0	10.0
Voltage	24 Volts DC - Constant Voltage		
Watts / Foot	2.5 W/Ft	5.0 W/Ft	10 W/Ft
mA / Foot	104 mA/Ft	208 mA/Ft	416 mA/Ft
No Lens : Lumens / Foot	450 Lm/Ft	750 Lm/Ft	1,250 Lm/Ft
No Lens : Lumens / Watt <sup>1</sup>	180 Lm/Wt	150 Lm/Wt	125 Lm/Wt
No Lens : CCT Shift	N/A		
Frosted Lens: Lumens/ Foot	427.5 Lm/Ft	712.5 Lm/Ft	1,187.5 Lm/Ft
Frosted Lens: Lumens/ Watt <sup>1</sup>	171 Lm/Wt	142.5 Lm/Wt	118.75 Lm/Wt
Frosted Lens : CCT Shift	- 30K		
Milky Lens: Lumens/ Foot	225 Lm/Ft	375 Lm/Ft	625 Lm/Ft
Milky Lens: Lumens/ Watt <sup>1</sup>	90 Lm/Wt	75 Lm/Wt	62.5 Lm/Wt
Milky Lens : CCT Shift	- 200K		
Color Temperatures (K)	2200, 2700, 3000, 3500, 4000		
CRI	90+		
R9	80+		
Binning Tolerance	+/- 200K		
MacAdams Ellipses	3 Steps		
Beam Angle <sup>2</sup>	120 Degrees		
IP Rating	IP20 - Dry Location		
Lamp Life	50,000 Hours		
Dimming / Control <sup>3</sup>	0-10 / DMX		
Operating Temperature	-13°F to 122°F		
Warranty	5 Years		
Max Run Length from a single feed	20 Feet	19 Feet	9 Feet
Max Driver Load @ 96 Watts	38 Feet	19 Feet	9 Feet
ETL	Conforms To UL STD 2108 Certified To CSA STD C22.2 # 250.0		

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# 0-10 WIRING



WIRE GAUGE	30 WATTS	60 WATTS	96 WATTS
18	30 Feet	20 Feet	15 Feet
14	80 Feet	50 Feet	40 Feet
12	125 Feet	80 Feet	70 Feet

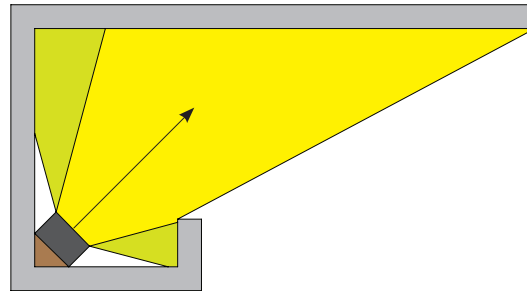
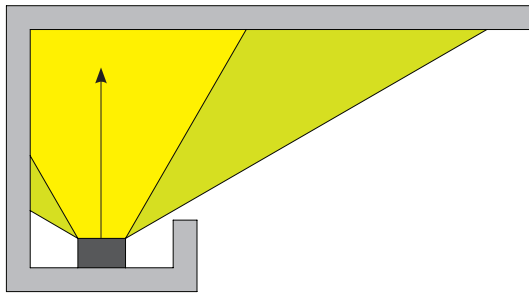
MAX DRIVER LOAD @ 24VDC 96 WATTS		
LOW - 2.5	MEDIUM - 5.0	HIGH - 10.0
38 Feet	19 Feet	9 Feet



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# COVE LIGHTING



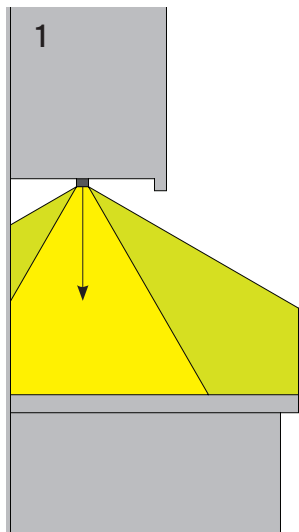
A unique layer of light that can dramatically enhance the look and feel of any architecture.

Adjusting the angle of the light source allows you to fully illuminate a cove or allow for a pleasant glow indirectly cast from the ceiling.

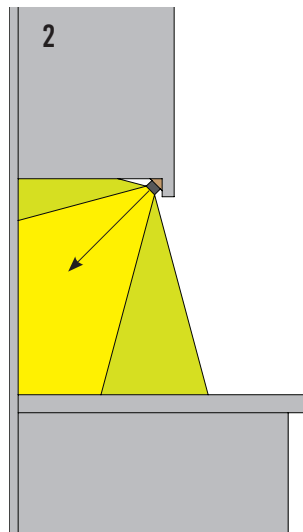


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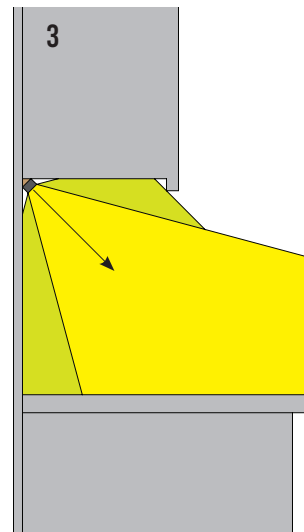
# UNDER CABINET LIGHTING



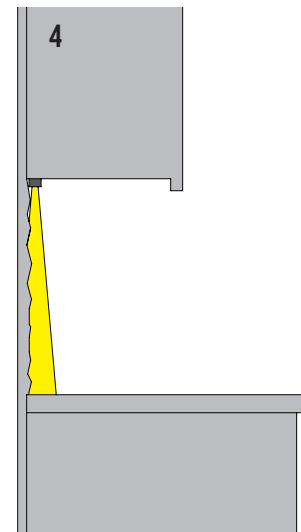
**EVEN COUNTER ILLUMINATION**



**BACK SPLASH WASH**



**COUNTER TOP WASH**

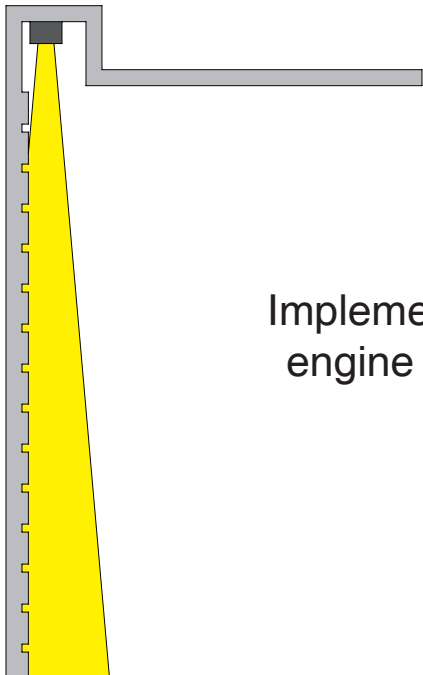


**BACKSPLASH GRAZE**

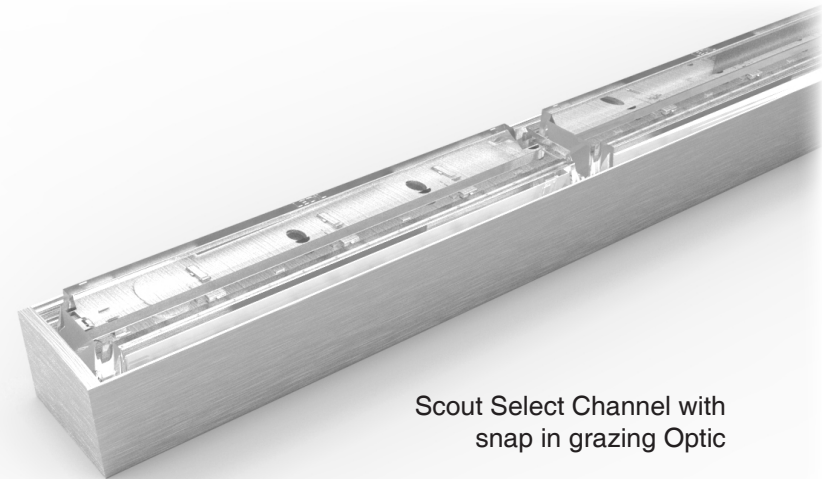
- 1 Ideal placement for even illumination of matte surfaces.
- 2 Highlights an artistic back splash or architectural detail.
- 3 Perfect balance of back splash illumination while avoiding shadows for activity on counter tops.
- 4 Draws texture out of the vertical surface to display distinct material.



# GRAZING

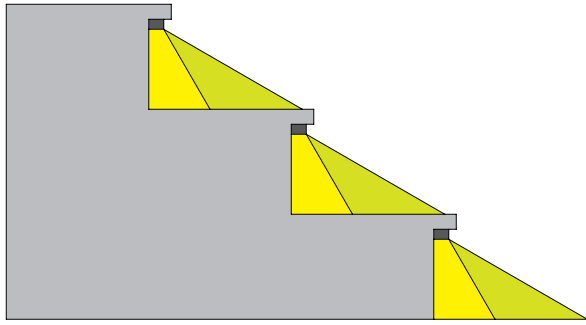


Implementing our snap-in optics enables an engine to brilliantly stage the true detail of any surface material.

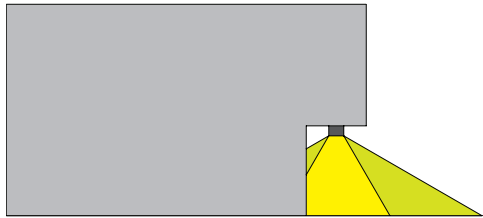


Scout Select Channel with snap in grazing Optic

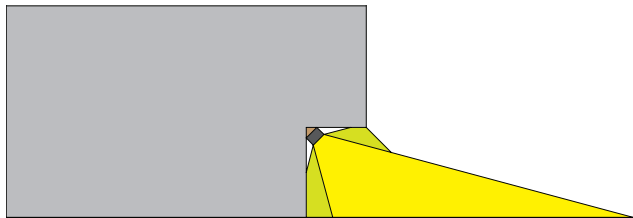




Stair Tread Lighting



Toe Kick Lighting - Straight down



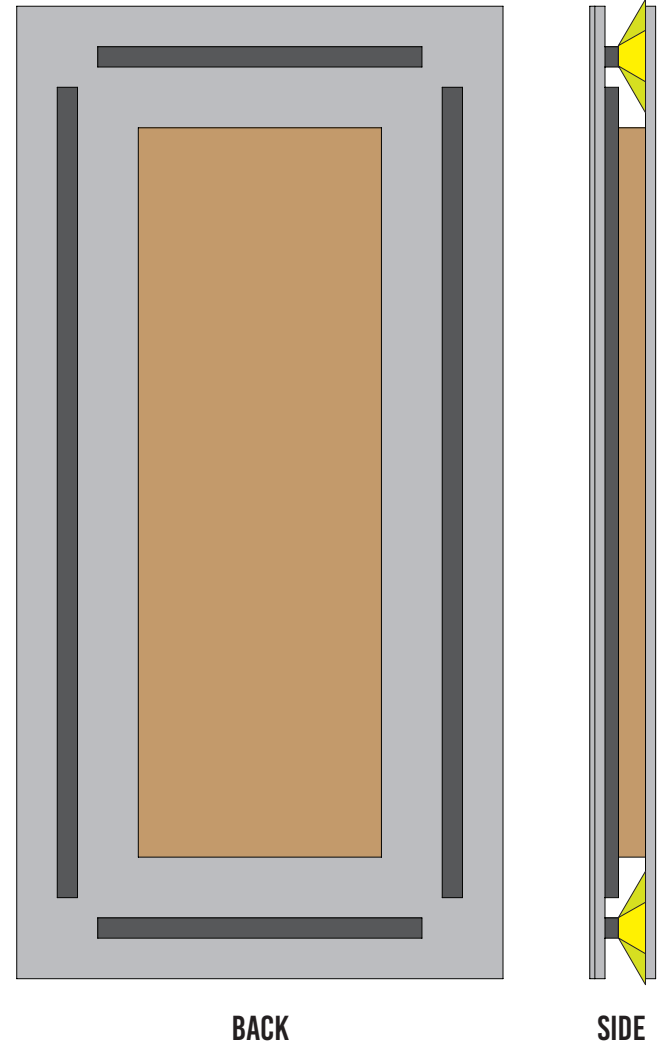
Toe Kick Lighting - Angled light

An inverse cove in many respects, accenting stairs or toe kicks is not only great for way finding in an environment, it also subtly reveals its architecture.



## STAIR & TOE KICK LIGHTING

## VANITY LIGHTING

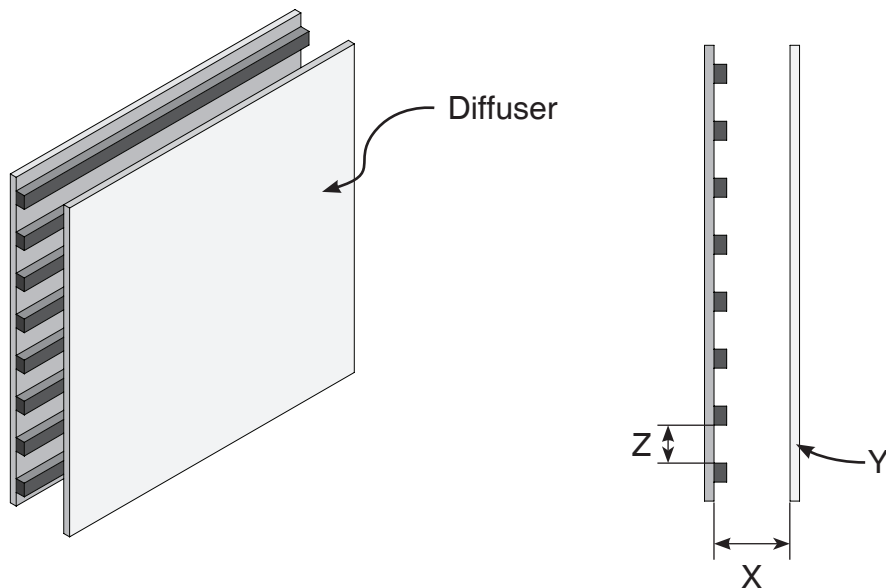


Create a floating feeling for any mirror while providing comfortable and aesthetically pleasing illumination for an individual.

# BACKLIGHTING



Backlit Fabric - Enlumen



Evenly illuminate a panel for large and brilliant displays of light that make a bold statement. With use of the correct lensing any material can achieve incredible uniformity across its surface area.

## BACKLIGHTING FORMULA

Distance (X) is dependent on the thickness / transmission of the diffuser (Y) and how tightly spaced the lights are to one another (Z).



*"Meier's Barcelona museum stands in the same area as Casa de la Caritat. It drinks the same light. Meier designed a series of louvered skylights to capture that light and cast it inward to illuminate the art within, but indirectly. And, that was important, because although light enhances art, it can also degrade it.*

*The light in Barcelona is quite different from the light in Tokyo. And, the light in Tokyo is different from that in Prague. A truly great structure, one that is meant to stand the tests of time never disregards its environment. A serious architect takes that into account. He knows that if he wants presence, he must consult with nature. He must be captivated by the light. Always the light. Always." - Simon Wyler*

MACBA MUSEU D'ART CONTEMPORANI DE BARCELONA

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