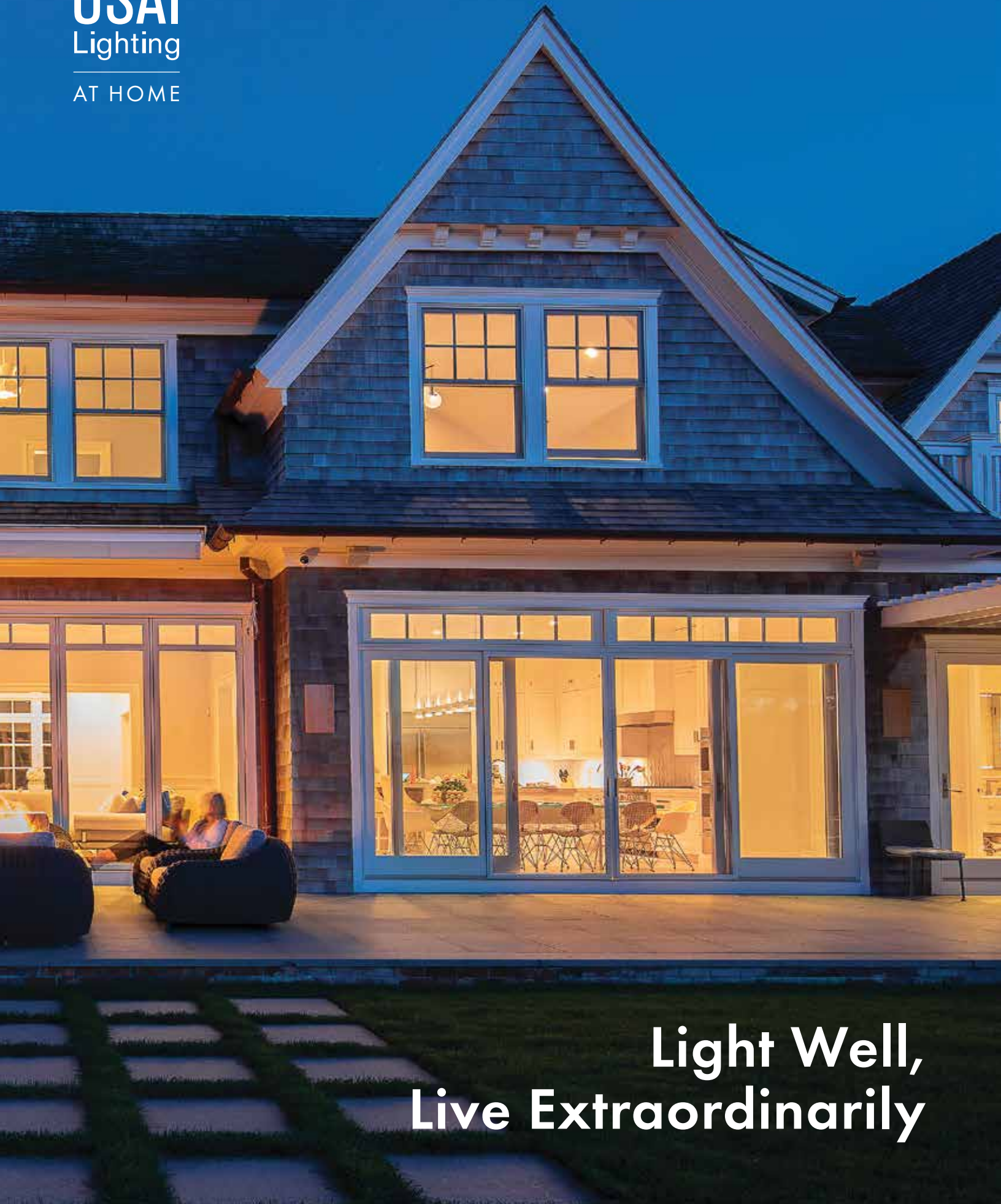


USAI[®]
Lighting
AT HOME



**Light Well,
Live Extraordinarily**

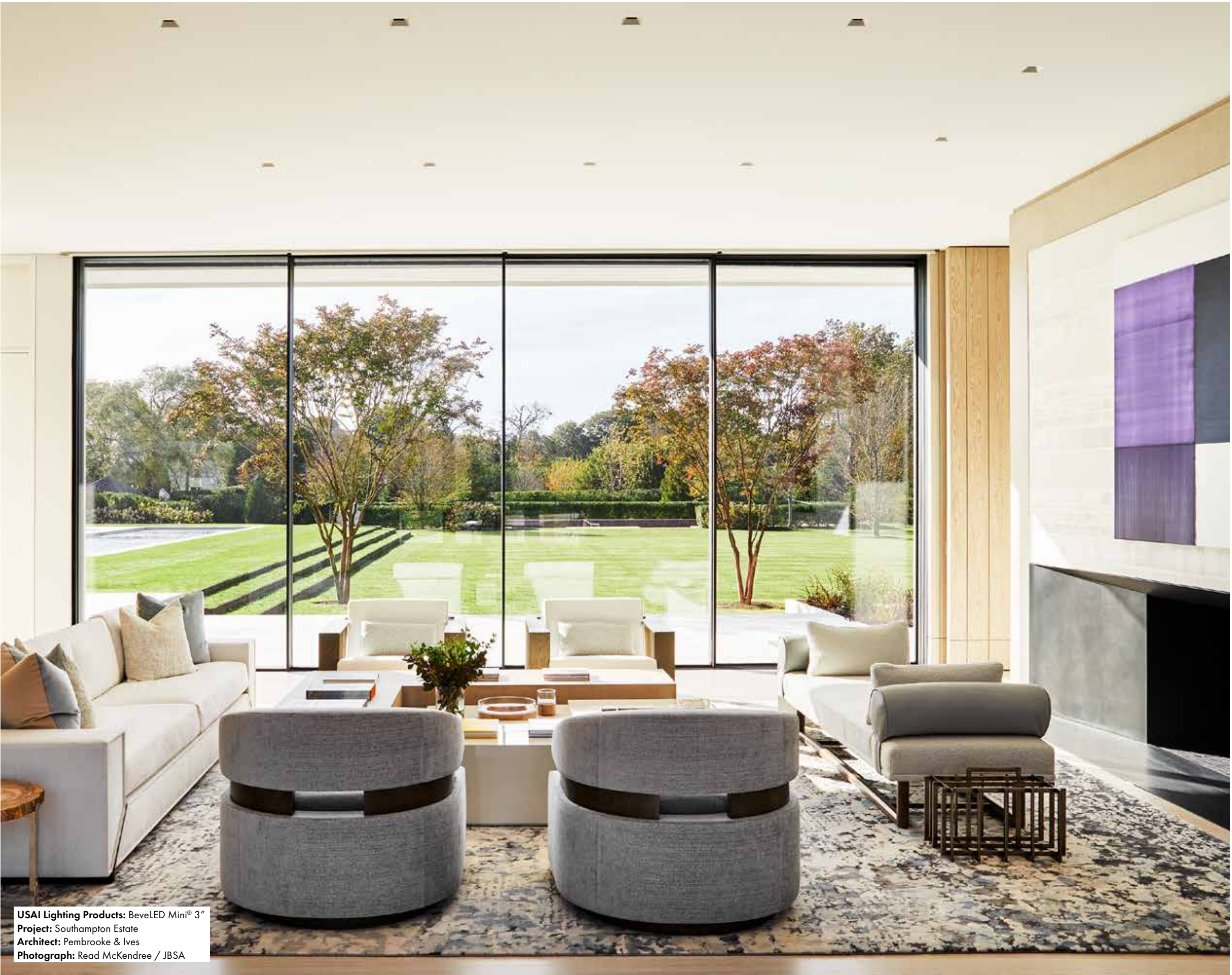


Home is Our Everything

Light is so much more than on / off / dim.
Rich in heritage, USAI Lighting is owned by a third generation lighting family. It's an award-winning, architectural lighting manufacturer specified by top architects and lighting designers. Built on a legacy of innovation, USAI presents the next generation of thinking for lighting spaces, fixtures, and technologies.

USAI Lighting's advancements in LED technology has allowed residential lighting to become much more sophisticated with **Personalized Lighting®** that's much more than the on/off/dim options of the past.

Home has become our everything.
Today, more than ever, we're demanding a great deal from our homes. It's where we **LIVE, WORK, and PLAY**. To live an optimized and experiential lifestyle, light should be as dynamic as our lives - setting the scene as we move through our daily rituals.



USAI Lighting Products: BeveLED Mini® 3"
Project: Southampton Estate
Architect: Pembroke & Ives
Photograph: Read McKendree / JBSA

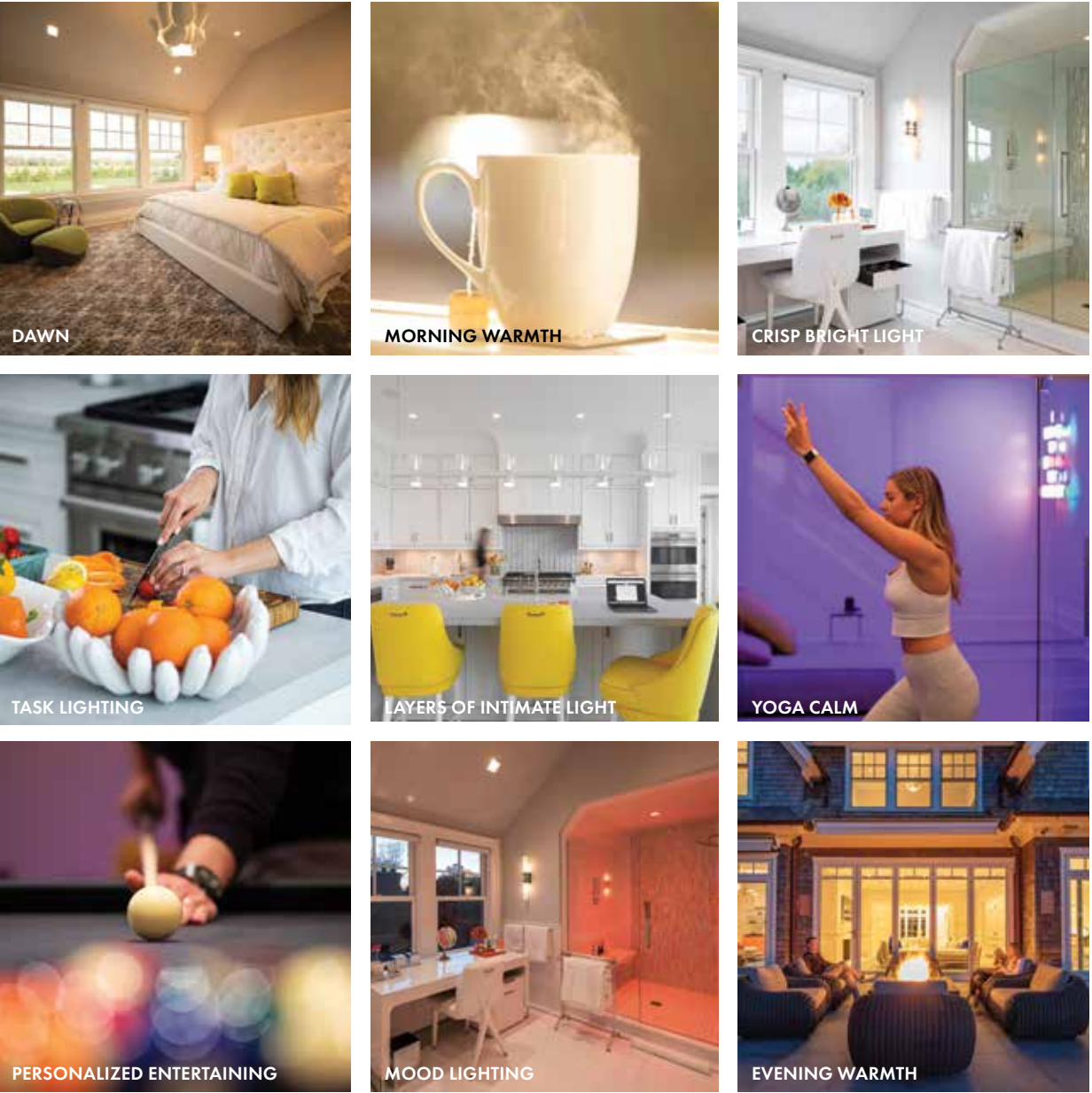


Lifestyle Lighting

Imagine Lighting That Evolves With Daily Rituals

USAI's Color Harmony® technology ensures the color of light remains consistent from fixture-to-fixture with all of our LED color choices.

-  **Classic White®**
Premium color and performance. Choose from Warm to Cool. 2700K | 3000K | 3500K | 4000K
-  **Warm Glow® Dimming**
USAI's patented technology provides the natural warmth and feel of halogen light in LEDs. 3000K or 2700K Dims to 2200K (candlelight)
-  **Color Select® Tunable White**
Independently control LED color temperatures and dimming from warm to cool 2200K – 6000K
-  **Infinite Color+®**
Tap into a full spectrum of colors from personalized white light to a rainbow of saturated colors and jewel tones.



Varying color temperatures for light influences how we look, feel and see in a space. Lighting can cater to our needs for each activity enhancing the experience and matching the mood we want to create.

Using USAI LED Color Choices, choose color temperatures that match the activities in the room with **Classic White**. Choose dynamic lighting like **Warm Glow Dimming**, **Color Select**, or **Infinite Color+** for greater flexibility with multi-functional spaces.

Dynamic lighting in the home allows interior spaces to look however we desire – even on a cloudy day. Lighting for the home may start dim and warm, similar to the sun's gentle rise; move into a bright, crisp blue sky that helps keep us focused and alert, and then gradually soften into an evening sunset as we settle into a relaxing night, signaling our bodies to prepare for a restful sleep.

Discover The Right Light... Day To Night

White light is not just one hue, but rather exists on a spectrum of warm to cool tones that are measured by their Correlated Color Temperature (CCT) which is measured in degrees Kelvin (K).

Every space, object, or task has an ideal shade of light to be lit by depending on the activity, atmosphere desired, and time of day.

- Warm White – up to 3000K
- Cool White – 3500K to 4900K
- Daylight – 5000K +

Warmer color temperatures add warmth and enrich colors with depth, bringing intimacy and sophistication to a space. Cooler color temperatures brighten and make rooms feel more spacious.

To make every space look its best, use light sources with a **CRI (Color Rendering Index)** greater than 80. To highlight artwork and have other colorful finishes pop, a CRI of greater than 90 is ideal.

See page 23-24 to learn more about choosing the right light for artwork.



2700K DAY



3000K DAY



3500K DAY



4000K DAY



2700K NIGHT



3000K NIGHT



3500K NIGHT



4000K NIGHT

Choose the Right Color Temperature to Enhance Interiors

Consider the color and materials of a space when deciding upon which color temperature to choose. Cool stonework and metals, neutral and mixed tones verses warm millwork and hard wood floors will look best under different color temperatures.



4000K or 3500K are cool color temperatures that will make cool greys, silver and white finishes and materials look their best.

USAI Lighting Products: BeveLED Mini® 3"
Interior Design: Jasmine Lam Design Studio
Photograph: Marietta Leung



3000K is a good neutral color temperature to render a pop of color for a wide range of cool to warm hues in textiles, furnishings and artwork.

USAI Lighting Products: BeveLED® 2.2, 4.5"
Lighting Designer: Renfro Design Group
Architect: Hufft
Photograph: Hufft



2700K is a warm color temperature that coordinates well with the warmth of hardwood floors and millwork.

USAI Lighting Product: the LittleOnes® Micro 1.25"
Lighting Designer: Camp Martini
Photograph: Gibeon Photography

Seeing Is Believing... Warmth As It's Always Been

USAI's patented Warm Glow Dimming provides the warmth and glow with LED once only possible from incandescent and halogen sources. Set the mood with smooth dimming options from 100% to 0.1% while pairing warmth perfectly with decorative fixtures using traditional light sources in the room.

Choose from 2 options:

1. 3000K to 2200K dimming
2. 2700K to 2200K

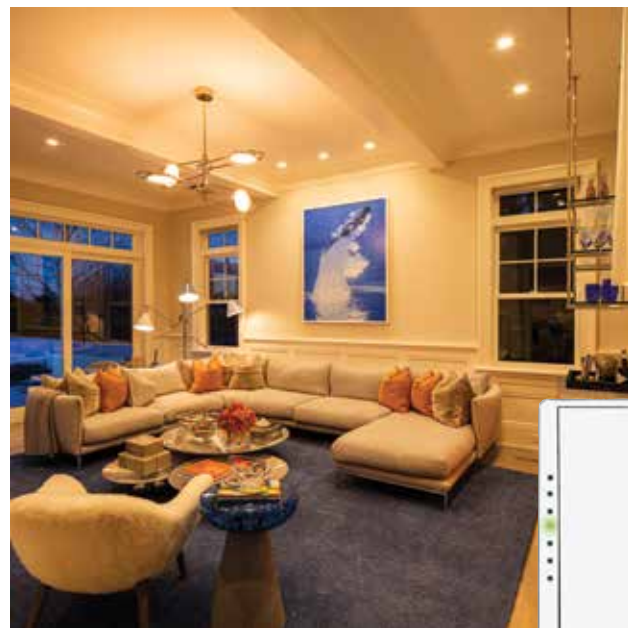
“ USAI's Warm Glow® Dimming empowered me to give the client exactly what they want – A quality LED light fixture that allows the homeowner to transition from their halogen lamps to LEDs without realizing a visual difference in warmth and aesthetics of light.

Seeing is believing. ”

– MICHAEL CUMMINGS
PRINCIPAL, FOCUS LIGHTING



100%
Intensity at 3000K



50%
Intensity at 2550K



25%
Intensity at 2200K

USAI Lighting Product:
BeveLED Mini 3"
Downlight and Wall Wash

Lighting with Warmth

Lighting that becomes warmer as you dim down provides a cozy feeling for residential spaces. **Dim-to-Warm +** starts at 3000K at 100% light level and gradually warms to a soft amber 2000K at the lowest light level setting. The **Dim-to-Warm** option starts at 3000K at 100% light level and gradually warms to a darker amber 1800K at the lowest light level setting. Both provide more economical solutions for warm dimming.

Warm Dimming Tiers

Warmth for Every Budget

USAI’s new Warm Dimming offerings provide a tiered selection based on color quality, dimming options, performance, and price. Created to meet the needs for every project and budget, specifiers now have two **Dim-to-Warm** options in addition to USAI’s proprietary **Warm Glow® Dimming**. Warm Glow Dimming remains the industry’s best LED option to match incandescent dimming. On a budget, use **Dim-to-Warm +** on residential projects to achieve dimmed warmth without reaching down to candlelit levels.

ONLY LED THAT MIMICS AN INCANDESCENT

Warm Glow® Dimming

3000K or 2700K Dims to 2200K

USAI’s proprietary LED technology provides a perfect match to incandescent dimming

80+ and 90+ CRI

Best Color Consistency
2-Step MacAdam Ellipse

Tier 3 \$\$\$\$

Dim-to-Warm +

3000K Dims to 2000K

A more natural warm dimming option that is close to incandescent

90+ CRI

Good Color Consistency
3-Step MacAdam Ellipse

Tier 1 \$\$\$\$
Tier 2 \$\$\$\$

Dim-to-Warm

3000K Dims to 1800K

Provides standard LED warmth

90+ CRI

Good Color Consistency
3-Step MacAdam Ellipse

Tier 1 \$\$\$\$
Tier 2 \$\$\$\$



Dim-to-Warm+ Starts at 3000K Dims to 2000K

Feel and Look Great All The Time With a Daily Light Cycle

We have evolved with the sun guiding our circadian rhythms (internal clocks) which regulate our sleep – wake cycle, appetite, mood, and overall health and well-being. The amount of light, duration of exposure, timing, and color of light are all important factors.

Similar to natural daylight, dynamic light in our homes shifts in color and intensity through the day to mimic the cycle with LED lights.

Use  Color Select Tunable White Light to create a daylight cycle from a candlelight-like 2200K to a cool 6000K. Color Select is controlled by two channels for:

- 1. Color Temperature Cool to Warm
- 2. Dimming – % of Lighting Intensity

Use  Infinite Color+ to create your own bespoke shades of white from cool to warm with the option to mix with colored hues.



Daylight | 6000K

Mid-afternoon | 4200K

Dusk | 3500K

Sunset | 2700K

Early Sunrise | 2200K



USAI Lighting Product:
BeveLED Mini® 3"
Downlight and Wall Wash



Layering Light

Lighting defines a space. Layer lighting to create intimacy and create the ideal atmosphere. USAI's small and sophisticated light fixture aesthetic coupled with its high-performance provides the perfect complement to decorative lights. Decorative lights are the main feature illuminating ambient light, while recessed lights provide general illumination and task lighting. Match the warmth from candlelights with **Infinite Color+**.

How Does Color Make You **Feel?**

Lighting with color is transformative. As warm and cool color temperatures influence our moods and perceptions, colored light evokes physiological and psychological responses.

Uplift your mood with the warmth of orange. Instead of espresso after lunch, try spending some time under red light to awaken without caffeine. Start the morning with meditation under the calming, zen hues of purples and blues. Or mix it up with various colors to create a customized party scene when entertaining guests. By using different colors in lighting, experiences and emotions can be elevated and enhanced.

Effects of Color on Emotion

Reds evoke highly emotional responses and increase the heart rate. Exposure to a red light is awakening like a shot of caffeine, yet because of its warm tones, it won't disrupt your circadian rhythms or sleep/wake cycles.

Oranges are associated with warmth and joy.

Greens are associated with nature.

Blues and Purples are considered calming and cooling with their association with water. The color is known to reduce heart rate. But when exposed to increased quantities and intensities like smartphones and other mobile devices, it can disrupt our sleep - making it ideal for keeping exposure earlier in the day.



USAI Lighting Products: BeveLED Mini® Infinite Color+®
Interior Designer: KA Design Group

Make the Details Pop

Light with wall wash fixtures to illuminate artwork or highlight a feature wall to create depth and visual interest.

Light is equally as precious as the materials and finishes selected for a home. When lighting is thoughtfully chosen, it allows details to pop and look their best – enhancing the appearance of objects, artwork, people, and spaces.

Similar to editing images on mobile phones with filters, choosing different color temperatures and high CRI* values can create subtle to dramatic effects to meet personal preferences.

*Refer to glossary on **page 30** for CRI definition.



USAI Lighting Product:
 BeveLED Mini 3"
 Downlight and Wall Wash

Create the Ultimate Comfort in Bedrooms

Bedrooms are so much more than where we sleep. They have become multi-functional spaces that require flexible lighting options.

Personalized Lighting

Make colors smile in a kid's room with a cool bright light that also provides the perfect lighting to focus on homework.

Use high-performance warm light to read easily without full intensity before you sleep. Perfect for bedtime stories and nightly reading, as the amber glow will cue bodies for a restful slumber.



USAI Lighting Product: BeveLED Mini® 3"
USAI LED Color Option:  Classic White

Interior Designer: Jasmine Lam Design Studio
Photograph: Marietta Leung



USAI Lighting Product: BeveLED Mini® 3"
USAI LED Color Option:  Classic White

Interior Designer: Jasmine Lam Design Studio
Photograph: Marietta Leung



USAI Lighting Product: BeveLED Mini® 3"
USAI LED Color Option:  Warm Glow Dimming

Interior Designer: KA Design Group
Photograph: Greg Barrett

Curating Lighting For Art

We all see and appreciate art differently. Choosing high performance LED lighting with different color temperatures and high CRI values above 90 will present textures and hues with varying intensities and effects.

Color Response Under Different Color Temperatures

	1	2	3	4	5
2200K					
3000K					
4000K					



2200K ; 90+ CRI | CANDLELIGHT

Dramatic & Warm: Golden 2200K delivers softened yellows, fire engine reds, plum purples, and mossy greens.



3000K ; 90+ CRI | HALOGEN
(Traditional Standard for Art)

Soft & Warm: Neutral 3000K emphasizes greyish greens, rich reds, deep purples, and dark forest greens.



4000K ; 90+ CRI | DAYLIGHT

Vivid & Vibrant: Cool 4000K delivers seafoam green, deep reds, vibrant purples, and evergreens.

Lighting For Every Angle And Design Challenge

USAI Lighting's full platform of products and solutions address architectural challenges and design needs.



USAI Lighting Products:

BeveLED Mini® Incline for Sloped Ceilings 3" (above staircase).
BeveLED Mini® 3" (above front door and throughout foyer).

Interior Design: KA Design Group

USAI Engineered Solutions for Common Residential Needs



the LittleOnes® 1" and 1.25"

Offering the tiniest aperture size with outstanding glare control and options to install from below-the-ceiling.



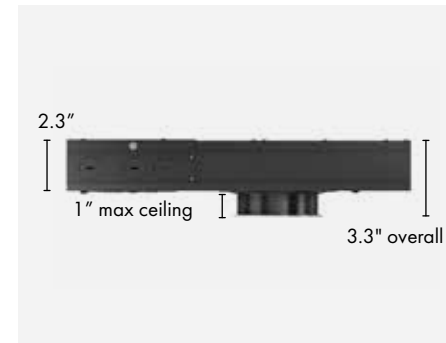
the LittleTwos™ 2"

A high-performance 2" pinhole family that's install-from-below with integral and remote driver options.



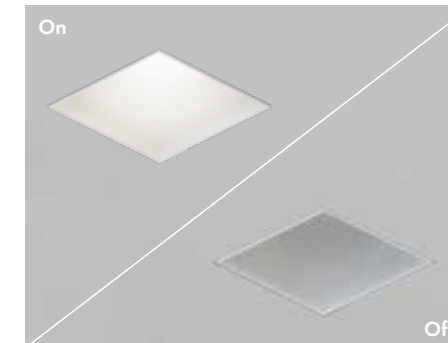
BeveLED Mini® 3"

A 3" powerhouse - high-performance with an iconic beveled aesthetic



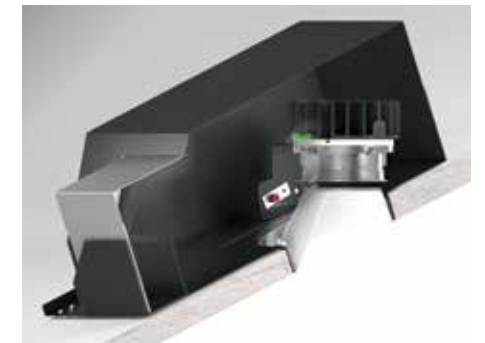
BeveLED Mini® Basic Pancake™ 3"

All-in-one adjustable downlight and wall wash provides maximum tilt and rotation in the smallest housing. Great for tight plenum spaces.



TrueZero360® 3"

A perfect balance of performance and comfort. 360° of glare-free comfort with a unique flush glass design provides a clean monolithic ceiling plane that's quiet with lights on and off. Outstanding wall wash.



BeveLED Mini® and BeveLED® 2.2 Incline for Sloped Ceilings 3" and 4.5"

Recessed lighting and housing that perfectly aligns with sloped ceilings up to 45°.



the LittleTwos™ Cylinder 2"

A tiny 2" diameter cylinder is only 4" in length, yet delivers over 1000 lumens, and offers a range of beam spreads.



BeveLED Mini® Adjustable Cylinder 3.5"

Aim. Lock. Light. A cute 3.5" diameter adjustable cylinder with 362° rotation, up to 90° tilt and packed with features.



SNAP to Explore
by Product Family.

Meet All Of Your LED Downlight Needs At USAI Lighting

Each product has its own set of capabilities with full family offerings. Choose from a complete platform of high-performance light fixtures to address every design requirement with the greatest flexibility from space-to-space.

Maximizing Budgets with a Product Tier System.
USAI Lighting’s expansive product portfolio provides a solution for every project need and budget. Specify across tiers to meet budget requirements while maintaining a consistent roomside appearance.

- TIER 1

\$

Budget Friendly.
- TIER 2

\$

\$

Lots to Love.
- TIER 3

\$

\$

\$

The Ultimate.



SHAPES AND TRIMS

Round

Square

Flush Glass Square

Trimmed

Trimless

Millwork

Deep Regress for Quiet Ceilings

SMALL RECESSED DOWNLIGHTS

the LittleOnes® Zepto®
1"

the LittleOnes® Micro
1.25"

the LittleOnes® Micro Doubles
1.25"

Micro Multi-Cell
1.25"cells

the LittleTwos™
2"

BeveLED Mini®
3"

TrueZero360™
3"

BeveLED 2.2® Glow
4.5"

SMALL SURFACE MOUNTED + PENDANTS

Micro Pendant Downlight
1.25" cells

the LittleTwos™ Cylinder
2"

BeveLED Mini® Cylinder
Surface Mount Adjustable
3.5"

BeveLED Mini® Cylinder
Pendant Wall Wash Square
3.5"

ENDLESS FINISH OPTIONS + FUNCTIONS

Dry/Damp/Wet Locations

Downlight

Wall Wash

Adjustable



Explore
Collaborate
Inspire

Play with Light at the USAI Collaboratory in Soho, NYC



13 Crosby Street, Ground Level
Between Howard & Grand Streets
NYC 10013

Contact your local USAI
representative to schedule
an appointment.



SCAN ME

Scan this QR Code
to visit us online at
usailighting.com/at-home

Glossary of Lighting Terms

COLOR PROPERTIES

Color Rendering Index (CRI):

A standard metric used to describe the effect of a light source on the color appearance of objects, with a CRI of 100 as the maximum CRI possible. In general, a lower CRI (less than 80) indicates that some colors may appear unnatural when illuminated. TM-30-15 is an alternative method that describes color rendering properties of light sources.

Correlated Color Temperature (CCT):

Approximately describes the color appearance of white light in terms of warm vs. cool. CCT is measured in degrees Kelvin. Color temperature of 3000K and lower describes a warm source, such as a typical incandescent lamp. A color temperature of 4000K and higher describes a cool source.

LIGHTING DESIGN

Accent Light:

A lighting technique that will emphasize a particular object or draws attention to a specific area by increasing light level contrast or color contrast on the subject illuminated. Typically achieved with adjustable luminaires.

Ambient Light:

Lighting that is designed to provide a uniform light level throughout an area.

Adjustable Luminaire:

A luminaire with the ability to be aimed in a specific direction through tilt and rotation mechanisms.

Downlight:

A luminaire that emits light in a downward direction in an approximately symmetric cone of light.

Wall Wash:

A luminaire with a fixed asymmetric light distribution designed to distribute light evenly across the vertical surface of a wall for uniform light levels.

MEASURING LIGHT

Beam:

A cone of light emitted by a luminaire.

Beam Angle:

The point at which the intensity of a source drops to 50% of maximum (center reading) measured in degrees of the full angle (full width half maximum).

Circadian Lighting:

Humans have evolved to base their circadian rhythms and sleep/wake cycles around the natural light-dark patterns associated with daytime and nighttime, which means human health and wellness can be optimized by exposure to light that mimics natural light – cool, bright light in the AM and warm, dim light in the PM.

Footcandle:

Imperial unit of illuminance which measures the amount of light reaching a surface.

Lumen:

The unit of measurement of the quantity of total light produced by a source. A 60-watt incandescent lamp produces approximately 900 lumens.

SOURCES & TECH

Dimming:

USAI fixtures are rigorously tested with specific driver and dimmer combinations to ensure high quality, even, dimming performance with no flickering throughout the entire dimming curve.

Light Emitting Diode (LED):

A semiconductor that emits light when a voltage differential is applied.

Light Engine:

An integrated assembly of the components necessary to make an LED luminaire work, including LED packages or modules, drivers, and other optical, thermal, mechanical, and electrical components.

Driver:

Electronic device that acts as a power supply for an LED module, converting main power to a specific current and voltage required to light a given LED.



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