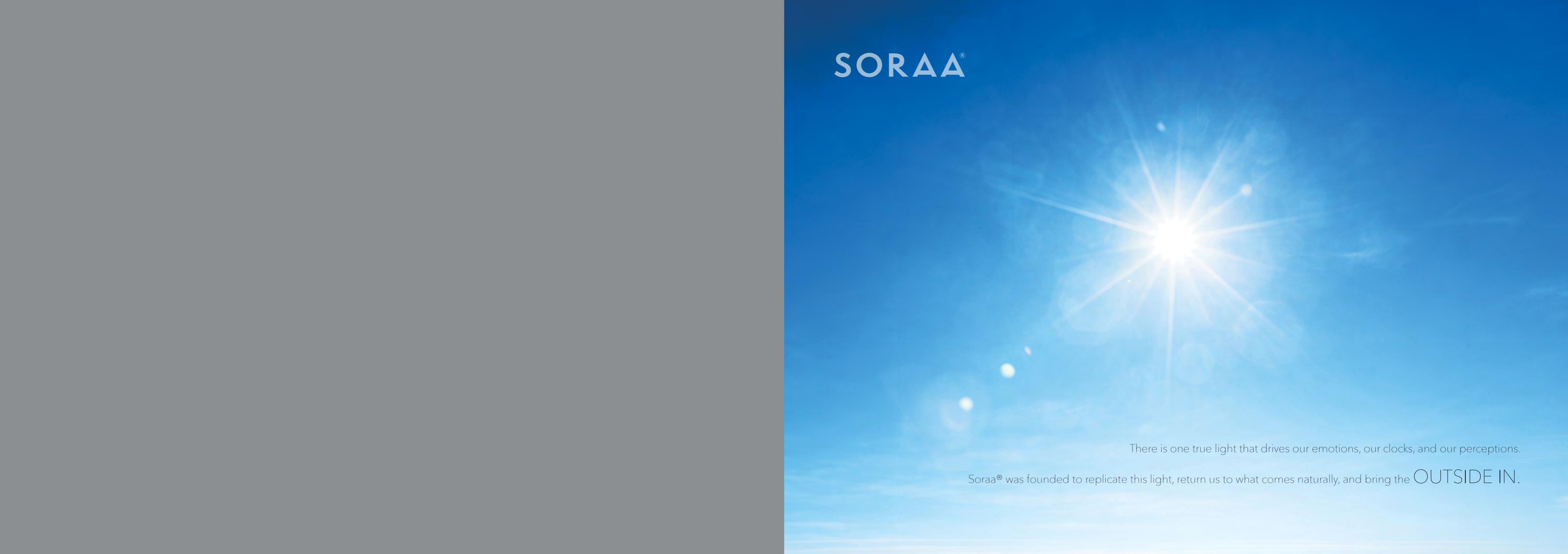


SORAA®



www.cocolighting.com

COCO
LIGHTING



SORAA®

There is one true light that drives our emotions, our clocks, and our perceptions.

Soraa® was founded to replicate this light, return us to what comes naturally, and bring the OUTSIDE IN.

"It is very satisfying to see my dream of LED lighting has become a reality."

- Shuji Nakamura, Founder of Soraa Inc.



LIGHT, AND VISION.



Soraa®, has been leading the way in innovative LED lighting technology since its

founding by Nobel Prize winning scientist, Shuji Nakamura, in 2008. Soraa's unique

approach to LED design and meticulous construction are focused on one primary

goal: perfect rendering of white and all colors of the visible spectrum, just as nature

intended them to be seen.



LIFE IS THE CANVAS. LIGHT IS THE BRUSH. RENDER THEM SPEECHLESS.

SORAA®

QUALITY OF LIGHT MATTERS.

Soraa pioneered full spectrum color rendering LED light, the heart of which is our proprietary LED technology manufactured in California, a technological breakthrough

that we further enhance by focusing on every aspect of producing the most natural light possible.



Color.

SORAA VIVID COLOR™

Behaviors, emotions, well-being and human interactions depend on seeing colors as they were meant to be. Since natural light starts at violet and ends at red, the accurate rendering of color requires light to have the right amount of spectral content in every wavelength from 400nm to 700nm.



Soraa harnesses cutting-edge color science, as the only LED that spans the visible spectrum from violet through deep red (R9) along with the state-of-the-art TM-30 color rendition method, revealing a natural saturation and precise rendering of specific colors.



White.

SORAA NATURAL WHITE™

Color scientists have long known that violet light plays an important role in our perception of another color—white. The myriad shades of white are ubiquitous in our environment, conveying emotions of clarity, brightness and space. Manufacturers and marketers strive to create ever whiter whites with fluorescing brightening agents. But the color of light that allows us to see true whites is violet.

As the only LED that spans the violet spectrum, Soraa is leading innovation in this field, having developed its own calculation method to render white tones faithfully. This is the foundation for Soraa's Natural White technology, carefully optimizing these techniques to result in infinite shades of white—just as found in natural light.



Red.

HIGH R9 VALUE

From violet through deep red with an R9 rating nearly identical to the Sun, Soraa Vivid™ makes every color come alive.

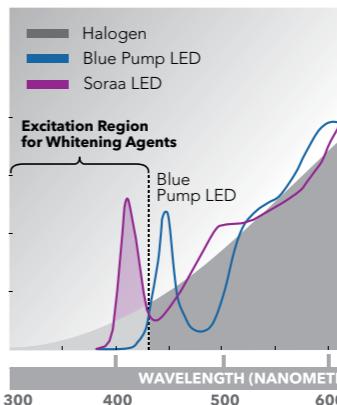
The color rendering index (CRI) is based on eight pastel colors, and none of them red. So a bright red tone (R9) was added. A high CRI without a strong R9 can mean lifeless skin tones and reds, without the vibrancy that comes from this critical color. R9 values range from -100 to the +100 of natural sunlight. Soraa Vivid has an R9 value of +95, among the highest available anywhere. So reds come alive and saturate the senses.

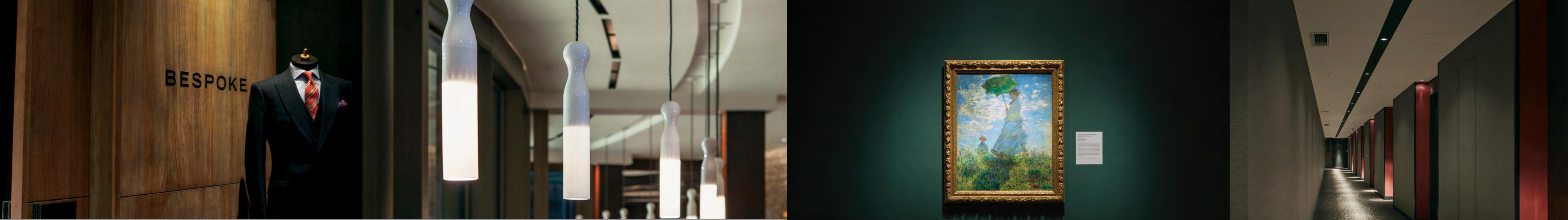


Optics.

BEAM AND SHADOW

The superior light spectrum created by Soraa technology goes hand-in-hand with uncompromising optical quality. Whether the precision-cut prismatic lenses in our lamps, or the highly engineered, optical light guides in our ambient fixtures, the light we produce is characterized by uniformity, and crispness. So, while our light begins by rendering colors, whites, and reds perfectly, it completes the scene by finishing in sharp, clean shadows and beams.





EYES ON.

If you have never heard of Soraa before, there's a good chance we have inspired you in your favorite museum, store, hotel or restaurant. Professionals choose our products for their unmatched quality of light, bringing atmosphere and emotion to the amazing spaces they design.

"Soraa has transformed our paintings and sculptures and patrons' experience and reactions to them, which is something that has really given us an advantage."

- Marc Langlois, Lighting Designer, Detroit Institute of Arts





SORAA Snap System™

BE THE MASTER OF PERCEPTION.



LAMPS



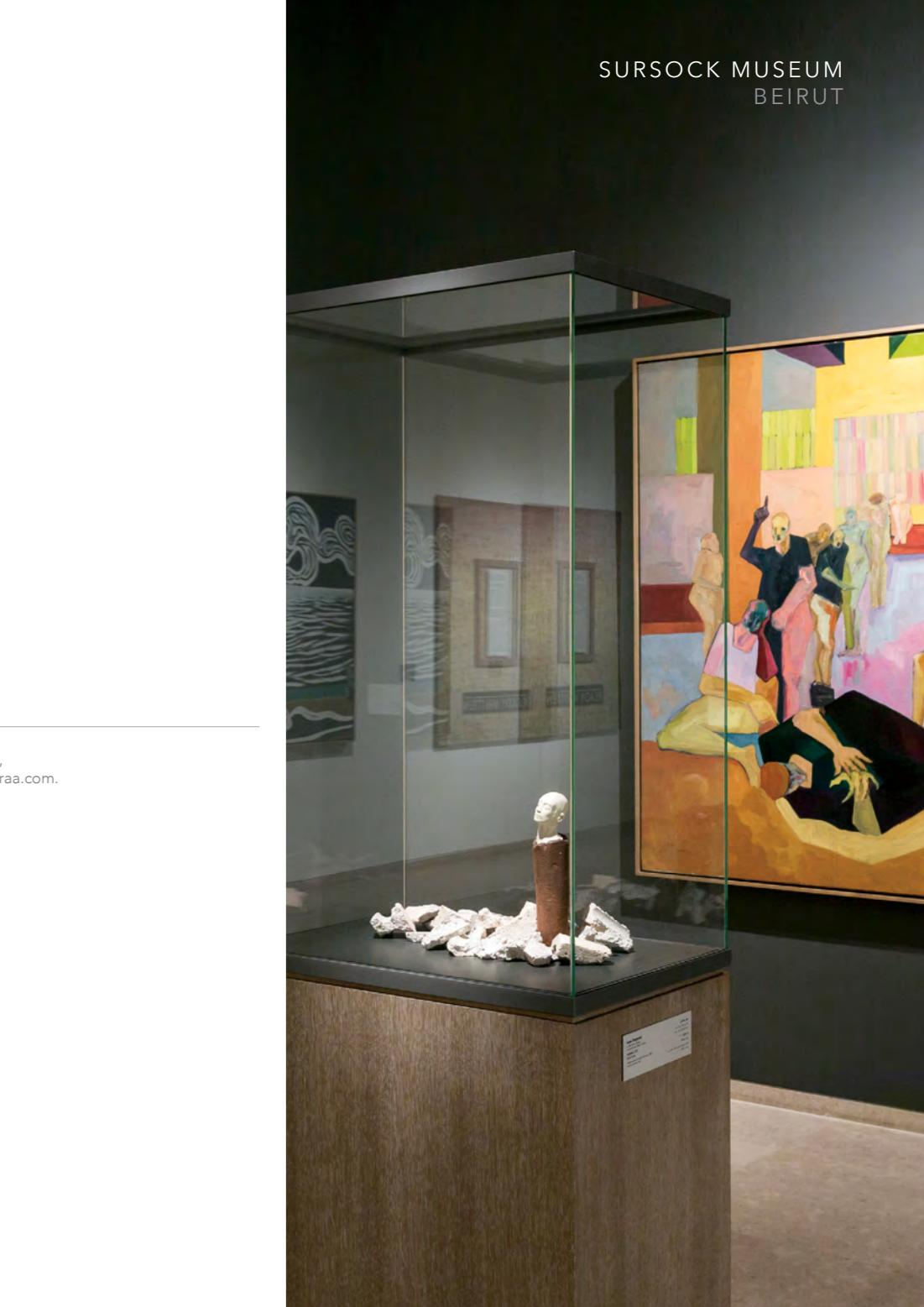
SORAA vivid™ SORAA brilliant™

From inception, Soraa lamps have been unique in the world of LEDs. The proprietary GaN on GaN technology that we employ allows us to create LED light with a spectrum that spans violet through deep red, mimicking the natural range of sunlight. Coupled with Point Source Optics for crisp, defined shadows, and a highly efficient design, they are easy on power without sacrificing the light quality that was previously the domain of halogens.

And, in addition to the look of light, we have addressed and innovated around noise, flicker, deep dimming, and health.

Unmatched quality of light is our standard. And to achieve this, we have created unmatched quality in LED lamps... that are anything but standard.

LAMPS



DIRECTIONAL FIXTURES



DIRECTIONAL



SORAA arc™

With the introduction of Soraa Arc™, Stunning form follows remarkable function in fixtures engineered around an ultra thin profile die-cast heat sink. Optimized for superior thermal management and endowed with Soraa's signature quality of light, they feature rich colors, perfectly rendered whites, and clean, crisp beams. Soraa Arc fixtures are available in multiple mounting styles and finishes, and feature our unique Snap™ system for total control over lighting design. For a wide range of applications, from museums and hospitality to retail and residential, this is lighting at the top of the curve.

The synthesis of perfect light and inspired design creates a new trajectory in directional lighting fixtures.

For specifications, photometrics, and compatibility details visit soraa.com.

Soraa Arc product info: quotes@soraa.com



AMBIENT FIXTURES



ENT

e|TM

at only 75mm in depth, this
is available in 600 x 600mm, and
the eloquently designed, extruded
provides thermal management
in frame and lens. Plus, the
depth perception of the arch
housing depth. The luminaire is
tum where HVAC and structural
. Designed for lay-in and gypsum
rel series delivers up to 3500
s standard.

Sora
By edge
optical
been a
ambien
lens un
needed
giving
in spac
efficien

luminaries are specification grade

Redefining traditional ambient lighting, Gable series appears frameless, giving a contemporary aesthetic available in 1200mm size options. Beautifully luminescent lenses gable up into a center spine where mechanical details are thoughtfully concealed and are designed for lay-in and gypsum applications.

Soraa

The eloquently designed, extruded aluminum frame and lens. Plus, the depth perception of the arch housing depth. The luminaire is built where HVAC and structural elements are concerned. Designed for lay-in and gypsum drywall series delivers up to 3500 lumens standard.

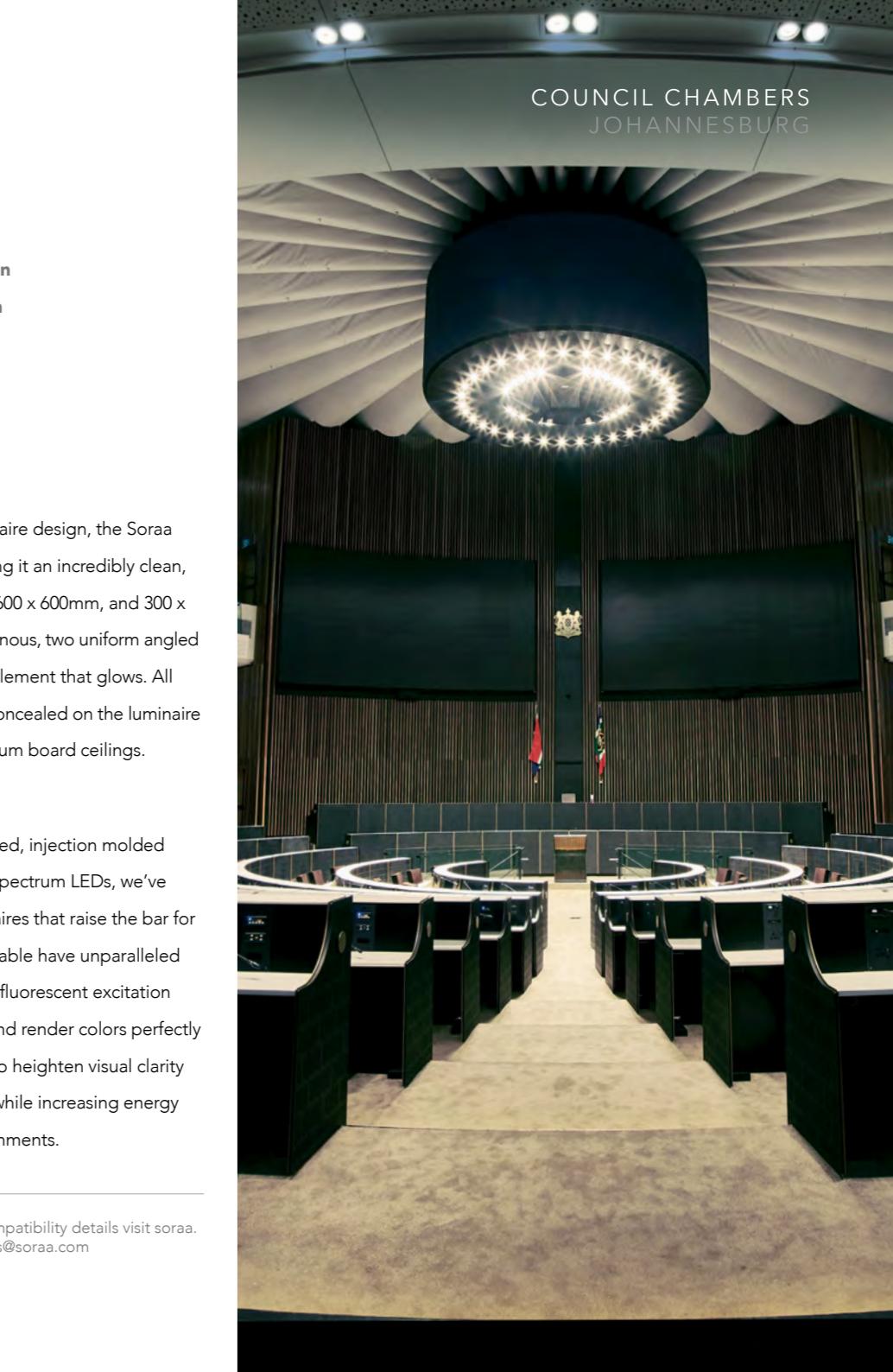
By edge lighting our highly engineered optical light guides with Soraa's full spectrum LED technology we have been able to create glare free luminaires with uniform ambient lighting. Soraa Barrel and Circular luminaires deliver light with the uniformity needed to discern shades of white and color. This gives lighting designers the ability to create a variety of effects in spaces that require precise color, efficiency, and light output.

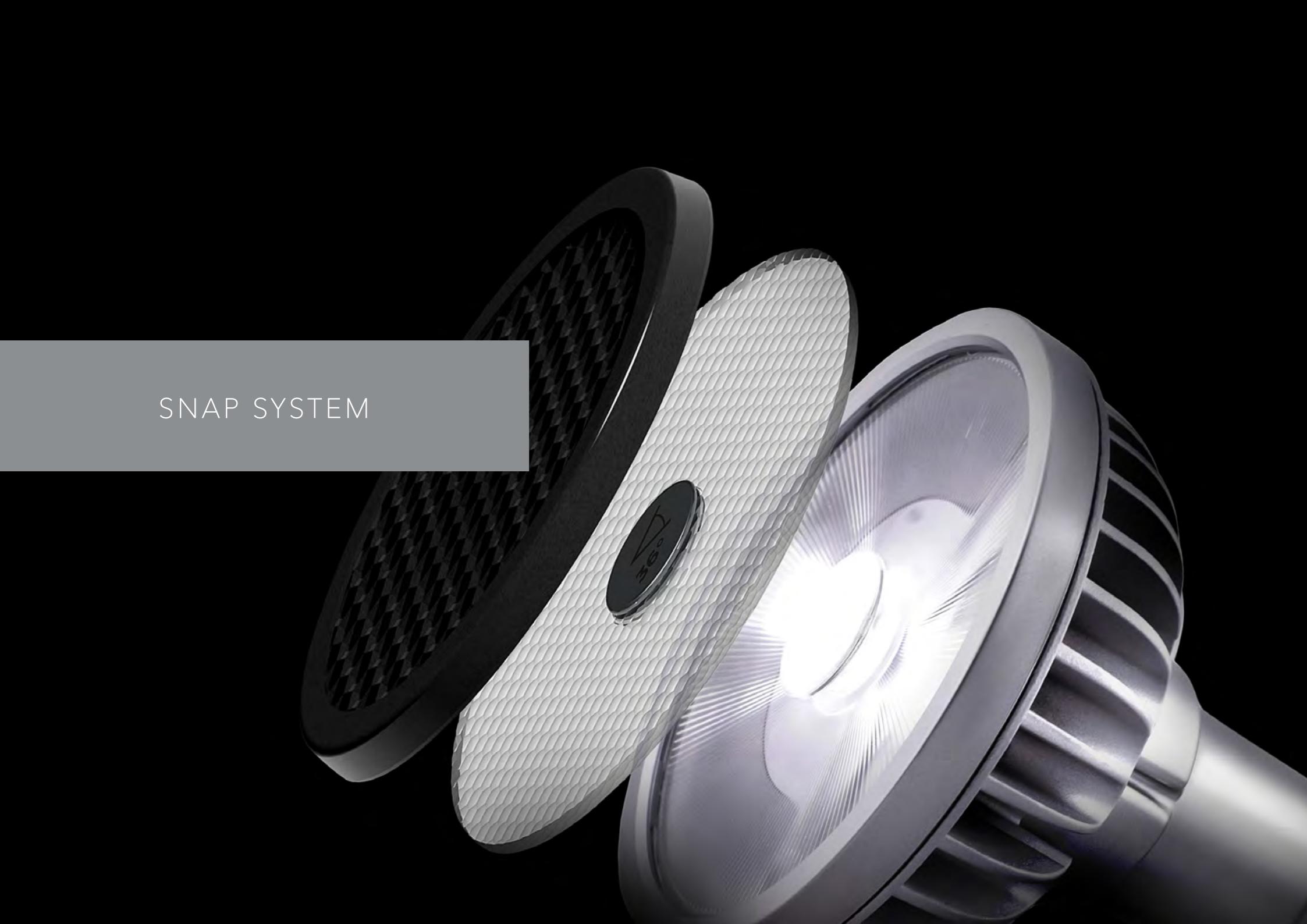


Quality of light contributes to the quality of your day. Aesthetically pleasing, the natural beauty of Sora ambient settings such as offices, healthcare, retail, and public spaces is here.

For specifications, photometrics, and contact info: www.soraa.com. Soraa Ambient product info: quote.

COUNCIL CHAMBER
JOHANNESBURG





SNAP SYSTEM



SORAA snap system™

Snap accessories are meticulously crafted to work together with our narrow-beam LEDs. Combining single source GaN on GaN™ LED technology with an innovative set of magnetic attachment filters and lenses, they completely redefine flexibility and control in lighting design.

Beam Shaper lenses and CCT Shifter filters provide the freedom to adapt and modify any installation while specifying only one lamp.

Our simple louver snap eliminates high angle glare, making any light beam disappear in down-light applications.

SNAP

Achieve total control of both color and beam shape, adding nuance, drama, and perfection to your design.

For specifications, photometrics, and compatibility details visit soraa.com.



ZURBARAN
ATHENS



LIGHT ENGINES



Intensity, quality,
and form factor.
**This is perfect light in
a perfect package.**

For specifications, photometrics,
and compatibility details visit soraa.com.

Soraa Optical Light Engines are built around our breakthrough GaN on GaN™ LED technology, which results in directional light with near perfect distribution, uniform color and smooth, artifact free transitions. They deliver intensity normally associated with substantially larger diameter sources. Beam angles range from narrow spot to flood and can be combined with our SNAP System accessories to change light distribution and light color on site.

Additionally, these sources have on board temperature sensing for efficient thermal system evaluation, and the mechanical outline works with readily available fixture solutions for easy LED fixture design.

LIGHT ENGINES

CONRAD HOTEL
OSAKA

LAMPS	95 CRI / 95 R9								85 CRI / 0 R9								95 CRI / 95 R9								SNAPS								
	Model	Power	Beam	CCT	Lumens	CBCP	Lumens	CBCP	Model	Power	Beam	CCT	Lumens	CBCP	Model	Power	UGR	CCT	Lumens	Dimming	Emergency	Model	Size	Variation									
MR16, 12V	MR16, 12V	7.5W	@@ 10°	●●●	410lm	6000cd	500lm	7320cd	SLE11	6.7W	25°	●●●	430lm	2490cd	BARREL, 600 x 600mm	38W	<19	●	2400lm	0-10V	None	BEAM SPREADER	50mm	17°									
			25°		435lm	2400cd	525lm	2900cd	SLC11		36°		430lm	1200cd				●	2500lm	1-10V	7W Battery		25°										
			36°		435lm	1130cd	525lm	1370cd	SLE16	8.1W	@@ 10°	●●●	460lm	6710cd				●	2600lm		14W Battery		36°										
		9W	25°	●●	490lm	2700cd	590lm	3260cd	SLC16	12.2W	@@ 15°	●●●	720lm	6260cd				●	3300lm	0-10V	None		60°										
			36°		490lm	1280cd	590lm	1540cd	SLE16+	10.3W	@@ 10°	●●	720lm	4170cd				●	3500lm	1-10V	7W Battery		84mm	17°									
	MR16, 230V	7.5W	@@ 10°	●●●	410lm	6000cd	500lm	7320cd			25°		720lm	2010cd				●	3600lm		14W Battery		25°										
			25°		435lm	2400cd	525lm	2900cd			36°																						
			36°		435lm	1130cd	525lm	1370cd	SLE16+	16.1W	@@ 15°	●●	540lm	7880cd				●	2300lm	0-10V	None												
			60°		435lm	440cd	525lm	540cd			25°		920lm	8000cd				●	2400lm	1-10V	7W Battery												
			36°		490lm	2700cd	590lm	3260cd			36°		1000lm	5800cd				●	1000lm	2800cd													
PAR20, 230V	9W	25°	●●		490lm	2700cd	590lm	3260cd	SLE30	4.9W	@@ 4°	●●	280lm	10080cd				●	3100lm	0-10V	None												
			36°		490lm	1280cd	590lm	1540cd	SLC30	16.1W	@@ 9°	●●●	1000lm	22000cd				●	3300lm	1-10V	7W Battery												
			60°		490lm	500cd	590lm	600cd			25°		1000lm	5800cd				●	3400lm		14W Battery												
	MR16, Constant Current	8W	@@ 10°	●●●	525lm	7700cd					36°		1000lm	22000cd				●	2400lm	0-10V	None												
			25°		550lm	3060cd					36°		1000lm	5800cd				●	2500lm	1-10V	7W Battery												
			36°		550lm	1460cd							1000lm	2800cd				●	2600lm		14W Battery												
PAR30L, 230V PAR30S, 230V PAR38, 230V	11W	@@ 10°	●●		540lm	8640cd					25°		540lm	2860cd				●	3300lm	0-10V	None												
			36°		540lm	1340cd												3500lm	1-10V	7W Battery													
AR111, 12V	6W	@@ 4°	●●		300lm	12600cd																											
		12.5W	@@ 8°	●●●	620lm	16740cd					25°		620lm	3340cd				●	3100lm	0-10V	None												
			36°		620lm	1540cd												3300lm	1-10V	7W Battery													
A19, 230V	18.5W	@@ 9°	●●●		1000lm																												



WE ARE COMMITTED TO SETTING LIGHT APART.

INNOVATION

The inspiration that led to our products began as pure science.

And it is in that spirit that we support and conduct research

with the goal to develop insights, expertise, and discoveries

that might lead to further breakthroughs in the marketplace.

We are passionately curious about how light impacts human

well-being, productivity and emotion, and determined to

make light look better, run smarter, and feel great.



QUALITY OF LIGHT



DYNAMIC LIGHT



GaN ON GaN



INTERNET OF THINGS



SORAA®

COCO
LIGHTING

Order from www.cocolighting.com
sales@cocolighting.com