

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.

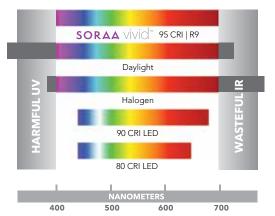


SORAA VIVID COLOR™

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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.

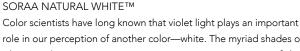
VISIBLE SPECTRUM



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.

Innovation

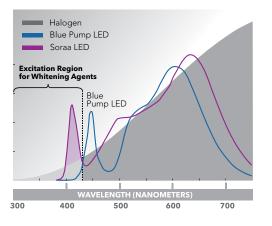
The inspiration that led to our products began as pure science. And it is in that spirit that we support and conduct research with the goal to develop insights, expertise, and discoveries that might lead to further breakthroughs in the marketplace. We are passionately curious about how light impacts human well-being, productivity and emotion, and determined to make light look better, run smarter, and feel great.



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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.



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.









QUALITY OF LIGHT DYNAMIC LIGHT

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INTERNET OF THINGS



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

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WELL-LIT = WELLBEING.

SORAA healthy™

Finally, zero-blue, sleep-friendly light that looks as good as it feels.







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.

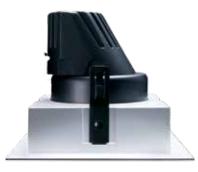
LAMPS

Where environments demand the ultimate light quality, Soraa lamps can make the difference. From museums, to hospitality, to retail and grand public spaces, we have a way to render it well.

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



DIRECTIONAL FIXTURES



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.

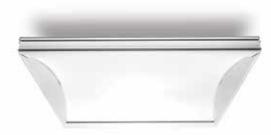
For specifications, photometrics, and compatibility details visit soraa.com.

Soraa Arc product info: quotes@soraa.com

DIRECTIONAL







Soraa's minimalist ambient luminaries are specification grade products where performance and color quality matter. Designed with a critical eye on architectural design, Soraa Barrel[™] and Soraa Gable[™] luminaries feature award winning optical design expertise in addition to Soraa's signature color techniques which mean colors always show true and beautiful.

soraa barrel™

Featuring a unique arch form at only 3" in depth, this perfectly luminous luminaire is available in 2' x 2', 1' x 4', and 2' x 4' size options. The eloquently designed, extruded aluminum Knife Edge frame provides thermal management and visual separation between frame and lens. Plus, the Knife Edge detail increases depth perception of the arch while maintaining the 3" housing depth. The luminaire is ideal for shallow ceiling plenums where HVAC and structural interferences can be an issue. Designed for lay-in and gypsum board ceilings, the Soraa Barrel series delivers up to 5700 lumens and standard dimming driver options include 0-10V, Lutron and EldoLED.

AMBIENT

Quality of light contributes to the quality of your day. And now, the natural beauty of Soraa light in ambient settings such as premium offices, healthcare, retail, sports and public spaces is here.

soraa gable™

Redefining traditional ambient luminaire design, the Soraa Gable series appears frameless, giving it an incredibly clean, contemporary aesthetic available in 2' x 2', 1' x 4', and 2' x 4' size options. Beautifully luminous, two uniform angled lenses gable up into a center spine element that glows. All mechanical details are thoughtfully concealed on the luminaire and are designed for lay-in and gypsum board ceilings.

Soraa Wave Guide

By edge lighting our highly engineered, injection molded optical light guides with Soraa's full spectrum LEDs, we've been able to create glare free luminaires that raise the bar for ambient lighting. Soraa Barrel and Gable have unparalleled lens uniformity and deliver light with fluorescent excitation needed to discern shades of white and render colors perfectly giving lighting designers the ability to heighten visual clarity in spaces that require precise color, while increasing energy efficiency, when lighting large environments.

For specifications, photometrics, and compatibility details visit soraa.com. Soraa Ambient product info: quotes@soraa.com



soraa Snap System™

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BE THE MASTER OF PERCEPTION.

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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.







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.

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

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

LIGHT ENGINES



)					95 CR	I / 95 R9	85 CF	RI / 0 R9
Model		Power	Beam	ССТ	Lumens	СВСР	Lumens	CBCP
	12V	7.5W	© 10° 25° 36°	•••	410lm 435lm 435lm	6000cd 2400cd 1130cd	500lm 525lm 525lm	7320cd 2900cd 1370cd
) MR16,		9W	25° 36°	••	490lm 490lm	2700cd 1280cd	590lm 590lm	3260cd 1540cd
) MR16, -))	230V	7.5W	10° 25° 36° 60°	•••	410lm 435lm 435lm 435lm	6000cd 2400cd 1130cd 440cd	500lm 525lm 525lm 525lm	7320cd 2900cd 1370cd 540cd
] -)		9W	25° 36° 60°	••	4901m 4901m 4901m	2700cd 1280cd 500cd	590lm 590lm 590lm	3260cd 1540cd 600cd
MR16,	Constant Current	8W	☺ 10° 25° 36°		5251m 5501m 5501m	7700cd 3060cd 1460cd		
PAR20	, 230V	11W	⊚ 10° 25° 36°	••	5401m 5401m 5401m	8640cd 2860cd 1340cd		
	L, 230V S, 230V , 230V	18.5W	© 9° 25° 36°	••	1000lm 1000lm 1000lm	18500cd 5400cd 2500cd		
AR111	, 12V	6W	⊕ 4°	••	300lm	12600cd		
		12.5W	◙ 8° 25° 36°		6201m 6201m 6201m	16740cd 3340cd 1540cd		
		18.5W	© 9° 25° 36°	•••	1000lm 1000lm 1000lm	24100cd 5400cd 2500cd		
A19 VI	VID, 230V	11W	NA	•	800lm	NA		
					(Typical	for 3000K)	(Typical	for 3000K)

БS					95 CRI	/ 95 R9
Ζ	Model	Power	Beam	ССТ	Lumens	CBCP
U Z	SLE11 SLC11	6.7W	25° 36°	•••	430lm 430lm	2490cd 1200cd
	SLE16	8.1W	⊚ 10°		460lm	6710cd
	SLC16	12.2W	I 5° 25° 36°	•••	720lm 720lm 720lm	6260cd 4170cd 2010cd
0	SLE16+	10.3W	🖾 10°	••	540lm	7880cd
		16.1W	◙ 15° 25° 36°	••	920lm 1000lm 1000lm	8000cd 5800cd 2800cd
	SLE30	4.9W	☑ 4°	1000lm 2800cd	10080cd	
	SLC30	16.1W	Ø ⁹ 25° 36°	•••	1000lm 1000lm 1000lm	22000cd 5800cd 2800cd

(Typical for 3000K)

				95 CR	I / 95 R9
Model	Power	Beam	ССТ	Lumens	CBCP
ART, 50mm	11W	🗐 10°		535lm	7800cd
	18W	@ 15° 25° 36°	•••	930lm 1000lm 1000lm	8080cd 5800cd 2700cd
ART, 100mm	20W	@ 9° 25° 36°	•••	1000lm 1050lm 1050lm	18500cc 6090cd 2830cd
ART, 100mm ARP, 50mm ARA 50mm ARA, 100mm ARA, 100mm	11W	⊚ 10°		535lm	7800cd
	18W	@ 15° 25° 36°	•••	930lm 1000lm 1000lm	8080cd 5800cd 2700cd
ARP, 100mm ARA, 100mm	20W		•••	1000lm 1050lm 1050lm 1050lm	18500cd 6090cd 2830cd 1150cd
DMS, 50mm DMR, 50mm	18W	⊚ 15° 25° 36°	•••	930lm 1000lm 1000lm	8080cd 5800cd 2700cd
				(Typical	for 3000K)

🖾 SORAA snap system"

CCT Options Available: 😑 2700K 😑 3000K 🔵 4000K (95 CRI only)

SPECIFICATIONS (230V)

S								_	\leq			
Ш					90 CRI / 90 R	9			\geq		8°, 9°, 10°	°, 15° COMPATIBLE
UR	Model	Power	UGR	ССТ	Lumens	Dimming	Emergency		STE	Model	Size	Variation
Τ×Τ	BARREL, 600 x 600mm 625 x 625mm	38W	<19	•	24001m 25001m 26001m	0-10V 1-10V	None 7W Battery 14W Battery		SY	BEAM SPREADER	50mm	17° 25° 36° 60°
L Z		52W	<19	•	33001m 35001m 36001m	0-10V 1-10V	None 7W Battery 14W Battery		NAP		84mm	17° 25° 36°
Ш Н Ш	BARREL, 300 x 1200mm 312 x 1250mm	38W	<19	•	2300lm 2400lm 2500lm	0-10V 1-10V	None 7W Battery 14W Battery		S	LINEAR	50mm	60° 10° × 25°
$\forall \exists$		52W	<19		3100lm 3300lm 3400lm	0-10V 1-10V	None 7W Battery 14W Battery				84mm	10° x 36° 10° x 60° 10° x 36°
	GABLE, 600 x 600mm 625 x 625mm	38W	<19	•	24001m 25001m 26001m	0-10V 1-10V	None 7W Battery 14W Battery			FLAT TOP	50mm	10° × 60° 25° × 25° 36° × 36°
		52W	<19	•	33001m 35001m 36001m	0-10V 1-10V	None 7W Battery 14W Battery			CCT SHIFTER	84mm 50mm	36° × 36° 1/4 1/2
	GABLE, 300 x 1200mm 312 x 1250mm	38W	<19	•	23001m 24001m 25001m	0-10V 1-10V	None 7W Battery 14W Battery				84mm	1/2 3/4 1/4 1/2
		52W	<19	•	3100lm 3300lm 3400lm	0-10V 1-10V	None 7W Battery 14W Battery			LOUVER	50mm	3/4 40° Cutoff
				•	5400111		I HW Dattery				84mm	40° Cutoff

CCT Options Available: 😑 3000K 🕚 3500K 🔵 4000K

	75 CR	75 CRI / 70 R9			
Model	Power	Beam	ССТ	Lumens	CBCP
A19 HEALTHY, 230V	11W	NA	•	6001m	NA

CCT Options Available: 🔶 2700K

SPECIFICATIONS (230V)

Note: Some specifications may not be available at time of print. Check website for latest specifications.

50mm

84mm

50mm 84mm

50mm 84mm 20° Deflection

20° Deflection

AIM

ENHANCE

CLEAR

Model	Power	Beam	ССТ	Lumens	CBCP	Lumens	CBCP	
MR16, 12V	7.5W	๎ 10° 25° 36°	•••	410lm 435lm 435lm	6000cd 2400cd 1130cd	500lm 525lm 525lm	7320cc 2900cc 1370cc	
	9W	25° 36°	••	4901m 4901m	2700cd 1280cd	590lm 590lm	3260cc 1540cc	
MR16, 120V	7.5W	10° 25° 36° 60°	•••	410lm 435lm 435lm 435lm	6000cd 2400cd 1130cd 440cd	500lm 525lm 525lm 525lm	7320cc 2900cc 1370cc 540cd	
	9W	25° 36° 60°	••	4901m 4901m 4901m	2700cd 1280cd 500cd	590lm 590lm 590lm	3260c) 1540c) 600cd	
MR16, Constant Current	8W	∅ 10° 25° 36°	•••	5251m 5501m 5501m	7700cd 3060cd 1460cd			
PAR20, 120V	11W	10° 25° 36° 60°	••	5401m 5401m 5401m 5401m	8640cd 2860cd 1340cd 580cd	6901m 6901m 6901m 6901m	11040 3640cc 1720cc 740cd	
PAR30L, 120V PAR30S, 120V PAR38, 120V	18.5W	9° 25° 36° 60°	••	1000lm 1000lm 1000lm 1000lm	18500cd 5400cd 2500cd 1100cd	1280lm 1280lm 1280lm 1280lm	23680 6900cc 3200cc 1400cc	
AR111, 12V	6W	⊚ 4°	••	300lm	12600cd			
	12.5W	◙ 8° 25° 36°	•••	6201m 6201m 6201m	16740cd 3340cd 1540cd			
	18.5W	@ 9° 25° 36°	•••	1000lm 1000lm 1000lm	24100cd 5400cd 2500cd			
BR30 VIVID, 120V	11.5W	120°	••	750lm	NA			
A19 VIVID, 120V	11W	NA	•	800lm	NA			
				(Typical	for 3000K)	(Typical for 3000K)		

Z CBCP Model Power Beam ССТ Lumens U SLE11 6.7W 25° 430lm 2490cd Z SLC11 36° 430lm 1200cd SLE16 SLC16 8.1W 回 10° 460lm 6710cd 💿 15° \vdash 12.2W 720lm 6260cd 25° 720lm 4170cd \Box 36° 720lm 2010cd U ____ SLE16+ 10.3W 💿 10° 540lm 7880cd 16.1W 💿 15° 920lm 8000cd 25° 1000lm 5800cd 36° 1000lm 2800cd SLE30 SLC30 4.9W ⊙ 4° 280lm 10080cd 💿 9° 16.1W 1000lm 22000cd 25° 1000lm 5800cd 36° 1000lm 2800cd

S

(Typical for 3000K)

				95 CR	I / 95 R9
Model	Power	Beam	ССТ	Lumens	CBCI
ART, 50mm	11W	🖾 10°		535lm	7800
	18W	© 15° 25° 36°	•••	930lm 1000lm 1000lm	8080 5800 2700
ART, 100mm	20W	@ 9° 25° 36°	•••	1000lm 1050lm 1050lm	1850 6090 2830
ARP, 50mm ARA 50mm	11W	⊚ 10°		535lm	7800
	18W	© 15° 25° 36°	•••	930lm 1000lm 1000lm	8080 5800 2700
ARP, 100mm ARA, 100mm	20W	© 9° 25° 36° 60°	•••	1000lm 1050lm 1050lm 1050lm	1850 6090 2830 1150
DEA, 50mm DEF, 50mm DEW, 50mm	18W	@ 15° 25° 36°	•••	930lm 1000lm 1000lm	8080 5800 2700
22, comm		00		(Typical	

CCT Options Available: • 2700K • 3000K • 4000K (95 CRI only) SOR▲▲ snap system[™]

SPECIFICATIONS (120V)

				90 CRI / 90 R	9		\ge		8°, 9°, 10)°, 15° COMPATIB
Model	Power	UGR	ССТ	Lumens	Dimming	Emergency	S	Model	Size	Variation
BARREL, 2' x 2'	38W	<19	•	24001m 25001m 26001m	0-10V 1-10V	None 7W Battery 14W Battery	ΡSΥS	BEAM SPREADER	2″	17° 25° 36° 60°
	52W	<19	•	33001m 35001m 36001m	0-10V 1-10V	None 7W Battery 14W Battery	NAF		4″	17° 25° 36°
BARREL, 1' x 4'	38W	<19	•	23001m 24001m 25001m	0-10V 1-10V	None 7W Battery 14W Battery	S	LINEAR	2"	60° 10° × 25°
	52W	<19	•	3100lm 3300lm 3400lm	0-10V 1-10V	None 7W Battery 14W Battery			4"	10° x 36° 10° x 60° 10° x 36°
BARREL, 2' x 4'	85W	<19		54001m 57001m	0-10V 1-10V	None 7W Battery		FLAT TOP	2"	10° x 60° 25° x 25°
GABLE, 2' x 2'	38W	<19	•	5800lm 2400lm 2500lm	0-10V 1-10V	14W Battery None 7W Battery			4"	36° x 36° 36° x 36°
	52W	<19	•	2600lm 3300lm	0-10V	14W Battery None		CCT SHIFTER	2"	1/4 1/2 3/4
GABLE, 1' x 4'	38W	<19	•	35001m 36001m 23001m	1-10V 0-10V	7W Battery 14W Battery None			4″	1/4 1/2 3/4
GABLE, F X F	0000		•	24001m 25001m	1-10V	7W Battery 14W Battery		LOUVER	2"	40° Cutof
	52W	<19	•	3100lm 3300lm 3400lm	0-10V 1-10V	None 7W Battery 14W Battery		AIM	4" 2"	40° Cutol 20° Defle
GABLE, 2' x 4' 85W <1	<19		5400lm 5700lm	0-10V 1-10V	None 7W Battery		ENHANCE	4" 2"	20° Defle	
			•	58001m		14W Battery		CLEAR	4" 2"	
CCT Options Availabl	e: 🔵 3000K 🔵 3	500K • 4000K						022/00	4″	



Note: Some specifications may not be available at time of print. Check website for latest specifications.

SPECIFICATIONS (120V)

CCT Options Available: O 2700K

LIGHT. SPEED.

Our most popular products, shipped within 48 hours. And now, up to 1,000 pieces.





DIM THE LIGHTS, NOT THE LOOK.



SORAA VIVId[™]WarmDim

TURN DOWN THE LIGHTS JUST AS NATURE INTENDED: DISCOVER WARM DIM LIGHTING FROM SORAA. As the sun goes down, light temperature gets warmer. And now you can experience the same natural effect in our LED lighting. Soraa VIVID[™] Warm Dim MR16s shift to pleasing, warmer hues as light intensity decreases, but maintain the high color rendition that we are known for. It makes for a perfect environment, and a beautiful setting. COMING IN 2018.

SIMPLY PERFECT LIGHT. SORAA®

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"Our quest to find high quality color sendering and longevity led us sight to Soraa "

– Emma Dawson-Tarr Managing Director, Absolute Action



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