LUXEON Fusion Technology

Winner of the Architectural SSL Product Innovation Award and

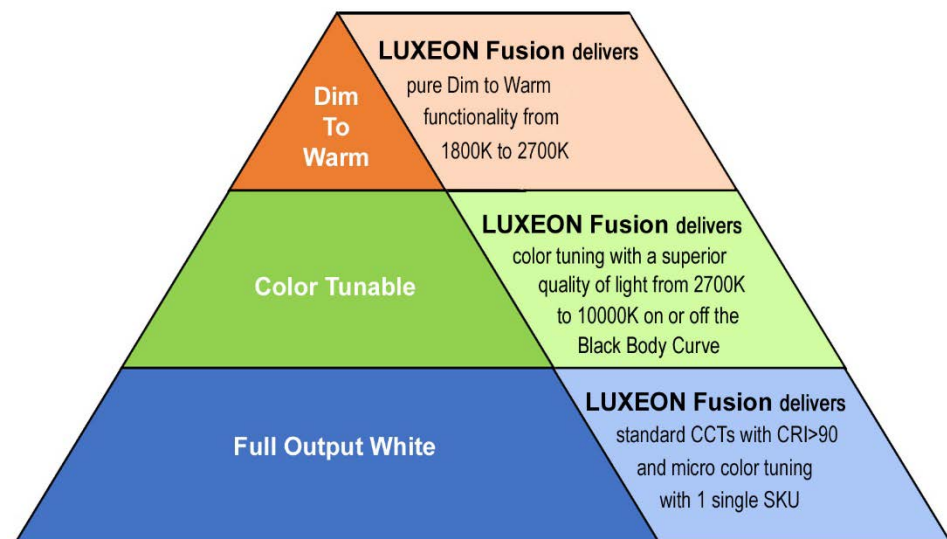## The Next Step in Human Centric Lighting from Lumileds

LUXEON Fusion is a breakthrough platform technology that delivers unprecedented white color selection while streamlining fixture manufacturing. This recent release from Lumileds, a global leader in innovative lighting solutions, combines the needs of many tuning technologies, including dim to warm and dynamic tuning for human centric lighting.

In a recent press release below, Lumileds announced that their LUXEON Fusion platform was named Architectural SSL magazine's Product Innovation Award (PIA) winner for 2019.
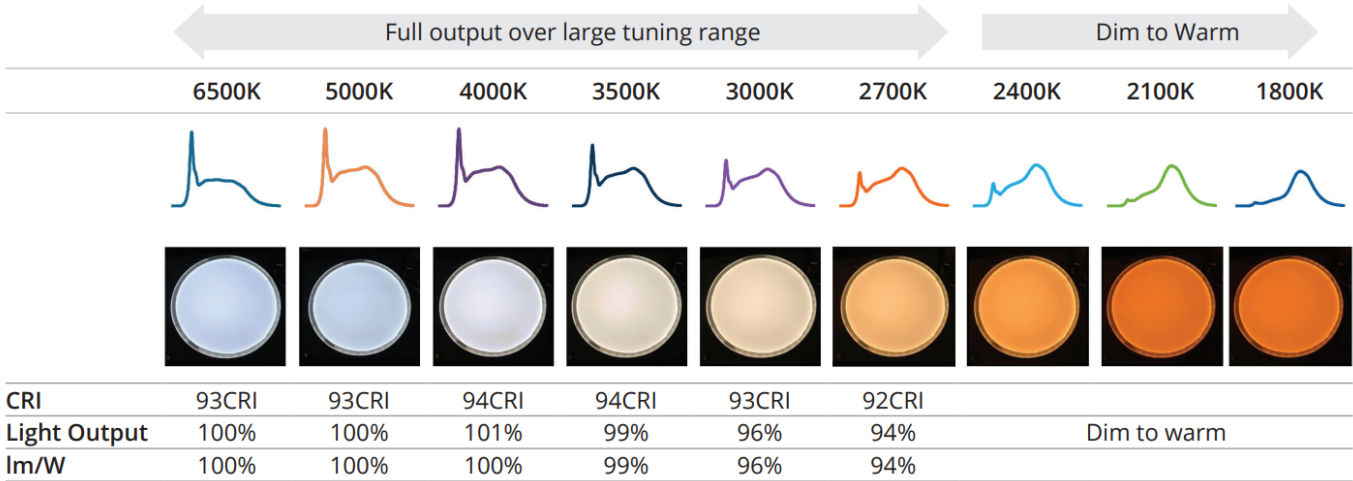
LUXEON Fusion is the first and only solution on the market combining consistent white output over wide tuning ranges, dim to warm capability and color selection even after fixture installation. Because color temperature can now be set later in the process, fixture manufacturers can streamline manufacturing to capture real-time demand levels and reduce SKU count. Lighting users can adjust color temperature on-site or designate a signature color tone.

"We are extremely proud and honored to be recognized by Architectural SSL magazine," said Leon Pikaar, Senior Director, Segment Marketing at Lumileds. "LUXEON Fusion is a result of Lumileds listening to the wants and the pain points of lighting designers and luminaire manufacturers, and this holistic solution addresses all of them. This includes delivering the flexibility that human centric lighting demands, while helping to streamline fixture manufacturing. It's gratifying to see this innovative product getting recognition beyond our customers, but from industry media as well."

Dim To Warm — **LUXEON Fusion** delivers pure Dim to Warm functionality from 1800K to 2700K

Color Tunable — **LUXEON Fusion** delivers color tuning with a superior quality of light from 2700K to 10000K on or off the Black Body Curve

Full Output White — **LUXEON Fusion** delivers standard CCTs with CRI>90 and micro color tuning with 1 single SKU

The Architectural SSL Product Innovation Awards (PIA) recognize innovative LED and solid-state luminaires and fixtures on the market, while also spotlighting the players behind the components that make up these light sources. With judging and evaluation of products and systems from a distinguished panel of 18 designers and lighting specialists skilled in product evaluation, the SSL PIA program awards manufacturers based on attributes, qualities, functionality and/or performance beyond industry standards.

Performance Demonstration

	6500K	5000K	4000K	3500K	3000K	2700K	2400K	2100K	1800K
CRI	93CRI	93CRI	94CRI	94CRI	93CRI	92CRI			
Light Output	100%	100%	101%	99%	96%	94%	Dim to warm		
lm/W	100%	100%	100%	99%	96%	94%			

About Lumileds:

For automotive, mobile, IoT and illumination companies who require innovative lighting solutions, Lumileds is a global leader employing more than 9,000 team members operating in over 30 countries. Lumileds partners with its customers to push the boundaries of light.

To learn more about Lumiled's portfolio of lighting solutions, visit:

https://www.nrcelectronics.com/lumileds_contact_form/.