

# Unlock the Potential of Tomorrow's Lighting Systems

Introducing **NexGen Helios™ LED Power Modules** with integrated **NexGen Vertical GaN™** technology

**NEXGEN**  
**helios™**



Highest Power Density & More Lumens



High Performance & Quality of Light



Advanced Power Control



**Sleeker**



**Smarter**



**Higher Performance**

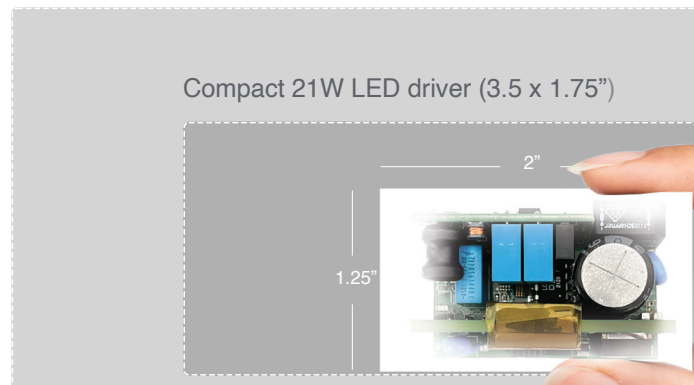
With Lighting Designs getting sleeker – more compact solutions are needed without sacrificing Lumens or Quality of Light. The booming Smart Lighting phenomena means end users want more capable lighting systems with sensors, connectivity and control. In addition, new, high-performance applications are emerging regularly.

All of this means that tomorrow's Lighting Systems demand Next-Generation Power Solutions to keep up with these innovative trends.

## NexGen Helios™ LED Power Modules Enabling Best-in-Class Form Factors

Standard 20W LED driver (4.25 x 2.40")

Compact 21W LED driver (3.5 x 1.75")



[www.nexgenpowersystems.com/led-driver-platform](http://www.nexgenpowersystems.com/led-driver-platform)

**NEXGEN**  
POWER SYSTEMS

# Integrated Architecture with Advanced Control Capabilities



## Metering and Fault Reporting Capable

- Power consumption metering per fixture
- Tracking where power is going in lighting system
- Capturing diagnostics data such as flicker error



## Standard Interface for Control & Connectivity

- Enables ease-of-use and interoperability for configuration, communication and control
- Can scale to different power levels
- Provides easy re-use of SKUs with rapid time-to-market

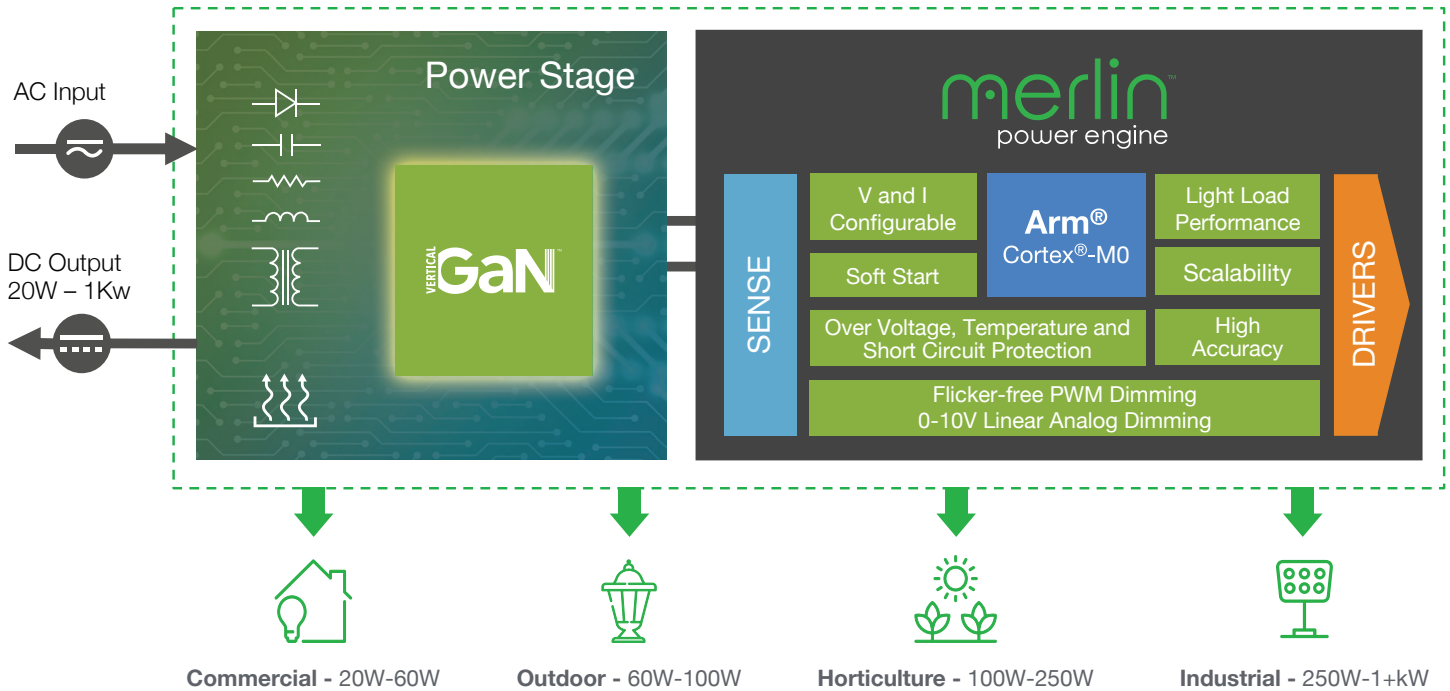


## Integration of Smart Protocols

- Further reduction of form factor and cost through integration of dimming protocols into existing controller
- Enables integration of DALI, 0-10V, etc.

## NexGen LED Lighting Power Platform

Software and System-Based Vertically Integrated Platform Enabling Innovation Across the Lighting Industry



### About NexGen Power Systems

NexGen Power Systems, the premier vertically integrated power electronics company, designs, develops, and manufactures innovative power conversion systems with its revolutionary NexGen Vertical GaN™ semiconductor technology.

[www.nexgenpowersystems.com](http://www.nexgenpowersystems.com)

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Founded in 2017, NexGen Power Systems is revolutionizing power electronics with technology solutions utilizing GaN-on-GaN (NexGen Vertical GaN™) discrete semiconductor devices, controllers, modules, and systems that increase efficiency and reliability of power conversion systems while dramatically reducing their cost, size, and weight. Our vision is to create the smallest, lightest, most cost-effective power conversion systems in the world.