



# WPGA Solid State Lighting



WPGA Americas Inc. is a member of WPG Holdings Inc, the world's second largest electronics distributor. WPGA's specialized team provides our customers with support in development of LED based lighting solutions revolutionizing the future of lighting. Whether you're designing luminaries, portable lighting, architectural lighting, street, signage or any of the other vast applications in solid state lighting ... we can support your design from concept to supply during manufacturing.

Our customers benefit in North America and Asia, with supply chain expertise, global position, and superior design capabilities. WPGA has partnerships with manufacturers within solid state lighting, providing our customer's solutions with cutting edge technology.

## LEDs

- Avago
- Cree
- Idea
- Kingbright
- Opnext
- Optek / TT Electronics
- ROHM Semiconductor
- VaOpto
- Vishay

## Specialty Laser, VIR Products

- Opnext

## LED Modules

- Cree
- LEDdynamics
- Optek
- VaOpto
- Vishay

## Optics

- Carclo
- Fusion Optix
- LEDIL
- LightPath
- Polymer Optics

## Lamps and Bulbs

- Jaro Thermal
- VaOpto

## Driver Electronics

- CREE
- Marvell
- Monolithic Power Systems / MPS
- NXP
- Richtek
- ROHM Semiconductor

## Sensors and Control

- GainSpan
- NXP
- ROHM Semiconductor
- Vishay

## Thermal

- Cooliance
- Jaro Thermal

## LED Power Supplies

- Cosel
- Excelsys
- LEDdynamics
- Mean Well
- RECOM
- Xenerqi

## Sales Locations

<b>ALABAMA</b>	813.814.9100 800.800.5441
<b>ARIZONA</b>	800.553.8406
<b>CALIFORNIA</b> Los Angeles	800.553.8406
Orange County	949.454.9192 800.553.8406
San Diego	949.454.9192 800.553.8406
San Jose	408.392.8100 888.WPG.8881
<b>CANADA</b> Eastern	800.800.5441
Western	253.861.6537
<b>CAROLINAS</b>	800.800.5441
<b>CONNECTICUT</b>	978.657.0024 800.225.0818
<b>FLORIDA</b> South Florida	561.966.1083 800.776.5226
Tampa	813.814.9100 800.800.5441
<b>GEORGIA</b>	800.800.5441
<b>ILLINOIS</b>	847.760.5280 800.675.6993
<b>INDIANA</b>	800.675.6993
<b>KANSAS</b>	913.980.8000 800.995.5226
<b>MARYLAND</b>	410.995.6620 888.WPG.8881
<b>MASSACHUSETTS</b>	978.657.0024 800.225.0818
<b>MEXICO</b>	52-33-1297768 858.357.9682
<b>MINNESOTA</b>	612.747.6692 800.675.6993
<b>NEW YORK</b>	631.320.0000 888.WPG.8881
<b>OHIO</b>	800.675.6993
<b>OREGON</b>	503.626.1439 888.WPG.8881
<b>TEXAS</b>	972.727.5226 800.995.5226
<b>UTAH</b>	801.597.5935 888.WPG.8881
<b>WASHINGTON</b>	253.861.6537 888.WPG.8881
<b>WISCONSIN</b>	414.881.3936 800.675.6993
<b>INTERNATIONAL BUSINESS GROUP</b>	631.467.1100

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High brightness and high power LEDs, PLCC surface-mount LEDs, and display backlighting module solutions  
[www.avagotech.com/pages/en/leds/avago\\_led\\_through\\_hole\\_lamps](http://www.avagotech.com/pages/en/leds/avago_led_through_hole_lamps)



Superior AC/DC and DC/DC drivers with high efficiency, high performance output for solid state lighting  
[www.marvell.com](http://www.marvell.com)



Secondary optics, from standard to a customized solution. Reflectors, TIR Optics (Total Internal Reflecting), side emitter optics, carrying a UL rating, made from polycarbonate  
[www.carclo-optics.com](http://www.carclo-optics.com)



LED AC/DC constant current, constant voltage supplies, dimming, IP rated  
[www.meanwell.com](http://www.meanwell.com)



LED cooling solutions, precision forged aluminum heatsinks  
[www.cooliance.com](http://www.cooliance.com)



LED driver ICs for AC and DC systems, AC solutions feature TRIAC dimmable, PFC, low-THD, buck, boost, and buck-boost DC solutions up to 100V  
[www.monolithicpower.com](http://www.monolithicpower.com)



COTS power supplies, AC-DC, DC-DC and EMI/RFI filters  
[www.coselusa.com](http://www.coselusa.com)



Lighting drivers (CCFL/CFL/HID/HFTL/EEFL), LED drivers, wireless lighting control, power management, analog ARM microcontrollers  
[www.nxp.com](http://www.nxp.com)



A full spectrum of lighting-class LED solutions in cool, neutral and warm up to 2000 lumens, as well as color and white high-brightness LEDs, SiC diodes  
[www.cree.com](http://www.cree.com)



Visible & red laser diodes, infrared diodes, optical modules, optical subsystems and wide variety of pluggable transceiver modules.  
[www.opnext.com](http://www.opnext.com)



LED / lighting power supplies, constant voltage, constant current and dimmables (from 90-305 VAC)  
[www.excelsys.com/products/shelf\\_power.html](http://www.excelsys.com/products/shelf_power.html)



Assemblies, signage & channel lettering, designer kits, flexible strips, high power, package type, module strips, RGB, single color, surface-mount, through hole, white VLEDs  
[www.optekinc.com](http://www.optekinc.com)



Secondary/TIR optics to tertiary and large area optics including diffusers, domes, light guides, reflectors and beam shapers. LED boards and integrated assemblies  
[www.fusionoptix.com](http://www.fusionoptix.com)



Polycarbonate secondary lenses. Custom optical design, tooling  
[www.polymer-optics.co.uk/products](http://www.polymer-optics.co.uk/products)



Low power WiFi modules for networked lighting controls  
[www.gainspan.com](http://www.gainspan.com)



AC/DC and DC/DC converters in constant current and constant voltages. Multiple package types offered in low wattages up to 60W  
[www.recom-power.com](http://www.recom-power.com)



Surface mount and through-hole lamps, indicators, infrared, character display, lightbar, dot matrix products  
[www.ledidea.com](http://www.ledidea.com)



Current LED drivers, buck, boost, power converters, controllers  
[www.richtek.com](http://www.richtek.com)



Miniature fans to blowers, revolutionary NtelliJet non mechanical cooler  
[www.jarothermal.com](http://www.jarothermal.com)



LED and LCD drivers, high power/high bright LEDs  
[www.rohmelectronics.com](http://www.rohmelectronics.com)



High bright LEDs, SMD LEDs, Dot matrix display modules, indicator LEDs, IR photo transistors, coupler & photo coupler, BASE LED, LED clusters  
[www.kingbrightusa.com](http://www.kingbrightusa.com)



High bright LEDs, flexible, waterproof/non-waterproof, single color, RGB, dimmable, programmable strips  
[www.vaopto.com/products](http://www.vaopto.com/products)



LED drivers and modules, and intelligent controllers. LuxDrive and EverLED, products and custom solutions  
[www.ledynamics.com](http://www.ledynamics.com)



SMD, 1.8mm, 3mm, 5mm, TELUX™, sideview, module, 1v, color LEDs  
[www.vishay.com/leds](http://www.vishay.com/leds)



A semiconductor optic company specializing in innovative optical solutions from custom to standard optics for all the major LED manufacturers.  
[www.ledil.com](http://www.ledil.com)



Offers solid state lighting power supplies standard products and customized solutions  
[www.xenerqi.com](http://www.xenerqi.com)



Aspheric optics and assemblies, molded, thermal imaging infrared lenses & assembly gradient optics, fiber collimators, optical isolators, aspheric optics (UV to long wave infrared - LWIR)  
[www.lightpath.com](http://www.lightpath.com)

888.WPG.8881  
[sales@wpgamericas.com](mailto:sales@wpgamericas.com)