

SEE FURTHER. GO FASTER.

Introducing STAGE SERIES LED lighting! Inspired by the needs of a professional rally driver, these light bars have been designed for maximum functionality, with compact size, custom-engineered TIR optics, and a useful beam pattern, all in a highly durable package.

Thanks to the high-intensity Lumileds LED chips, coupled with our total internal reflection (TIR) optic, the Stage Series directs light only where you need it, drastically reducing glare and improving total efficiency—making it perfect for directing light downrange on winding trails when driving at high speeds!



IN THE BOX

Basic mounts and hookup wire included (full harness optional).



MOUNTING OPTIONS

Using our 3D scanner, we measure grilles and bumpers in-house to develop custom mounting solutions with perfect bolt-on fitment. With a durable black electrocoated finish, these steel brackets will securely hold your Stage Series LEDs in discrete locations, for a clean appearance. Inquire for applications available - we are constantly adding more.



PRICING

		DRIVING	WIDE	COMBO
SS ₆	\$80	X	X	
SS ₁₂	\$140	X	X	
SS ₁₈	\$200	X	X	X
SS ₃₀	\$320	X	X	X
SS ₄₂	\$420	X	X	X
SS ₅₀	\$480	X	X	X

DIODE DYNAMICS
PERFORMANCE LIGHTING TECHNOLOGY

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STAGE SERIES

RALLY-QUALIFIED LED LIGHTING



HIGH INTENSITY | FOCUSED OUTPUT | SLIM DESIGN

DIODE DYNAMICS
PERFORMANCE LIGHTING TECHNOLOGY

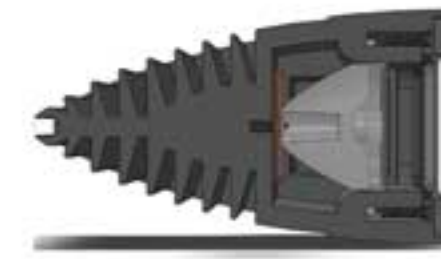
OUTPUT

The Stage Series LED Light Bars were designed to create a highly efficient beam pattern with minimal glare! While other light bars may lose light internally and create more glare, our new TIR optics collect all the light from the LED chips and effectively focus the output down the road where you need it!

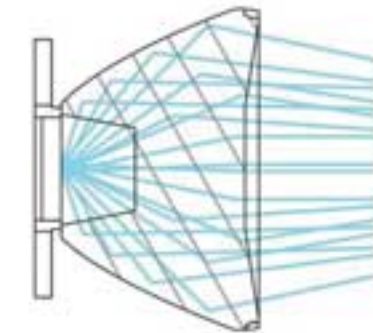


Total Internal Reflection (TIR) Optics

TIR optics, or TIR lenses, consist of a refractive lens nestled inside a reflector and are typically cone-shaped with optical efficiencies as high as 92 percent. The lens directs light from the source's center to the reflector, which sends it out in a controlled beam.



TIR optic side view



RELIABILITY

Extruded heatsink provides thermal dissipation in a small, durable form factor.

LEDS

High-intensity Lumileds Z ES 5700K LED emitters allow excellent optical control, providing more output.

WEATHERPROOF

Custom-molded gaskets create reliable weatherproof seal around each lens.

FITMENT

42mm tall, narrow profile allows hideaway fitment.



DURABILITY

Aluminum extrusion allows for low cost, high performance cooling that can withstand the elements.

TIR OPTICS

Custom-engineered patent-pending total internal reflection (TIR) optics create highly-functional beam pattern with extremely high efficiency.

CONNECTOR

Deutsch DT-style connector for high current capacity and compatibility with standard wiring harnesses.

VENTING

Pressure equalizing breather vent eliminates condensation, by allowing pressure to escape during thermal cycles.

LIFESPAN

Metal-core PCBs with direct-solder thermal slugs, pull heat away from LEDs, allowing them to stay cool in the most demanding conditions.

BEAM PATTERN

Rectangular "driving" pattern by default, far more useful on-road than standard spot or flood. Also available with "wide" fluted lens.