

# DIODE DYNAMICS

PERFORMANCE LIGHTING TECHNOLOGY

2019



# DIODE DYNAMICS



*Jeep JL Wrangler  
featuring Stage Series Light Bar Kit*

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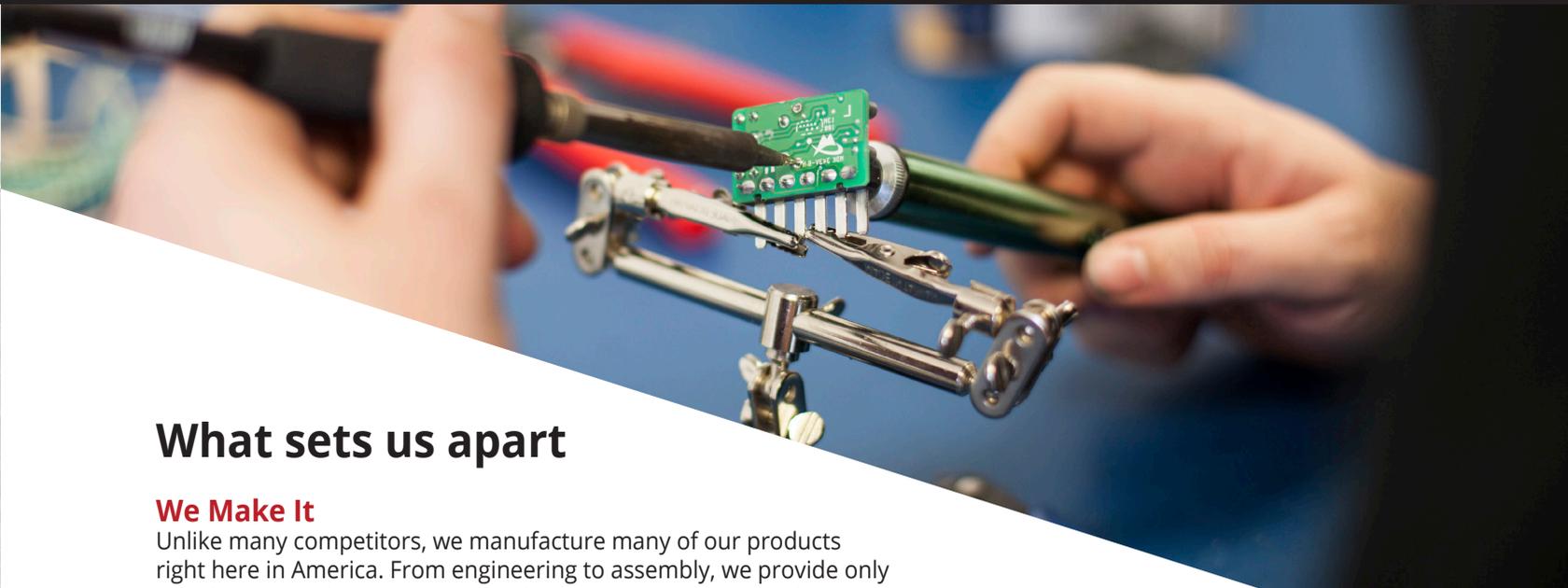
**Diode Dynamics** is a leading designer and manufacturer of lighting accessories for all automotive makes and models. Located in St. Louis, Missouri, we provide only the best and brightest components at a competitive cost.

Use our **Dealer Locator** online to find an authorized dealer near you. You can also find everything you see here, and much more, at **www.diodedynamics.com**. Our online store is open 24/7 to all customers! Finding what you need is simple: just select your vehicle to see what we have to offer. Everything is listed specifically for your vehicle or by the bulb size, making it quick and easy to find what you're looking for.

🌐 [www.diodedynamics.com](http://www.diodedynamics.com)  
✉ [contact@diodedynamics.com](mailto:contact@diodedynamics.com)

☎ 314-205-3033 9a-5p CST  
📍 4200 Shoreline Dr, Earth City, MO 63045





## What sets us apart

### We Make It

Unlike many competitors, we manufacture many of our products right here in America. From engineering to assembly, we provide only the highest quality products that will always exceed expectations.

### Hassle-Free Warranty

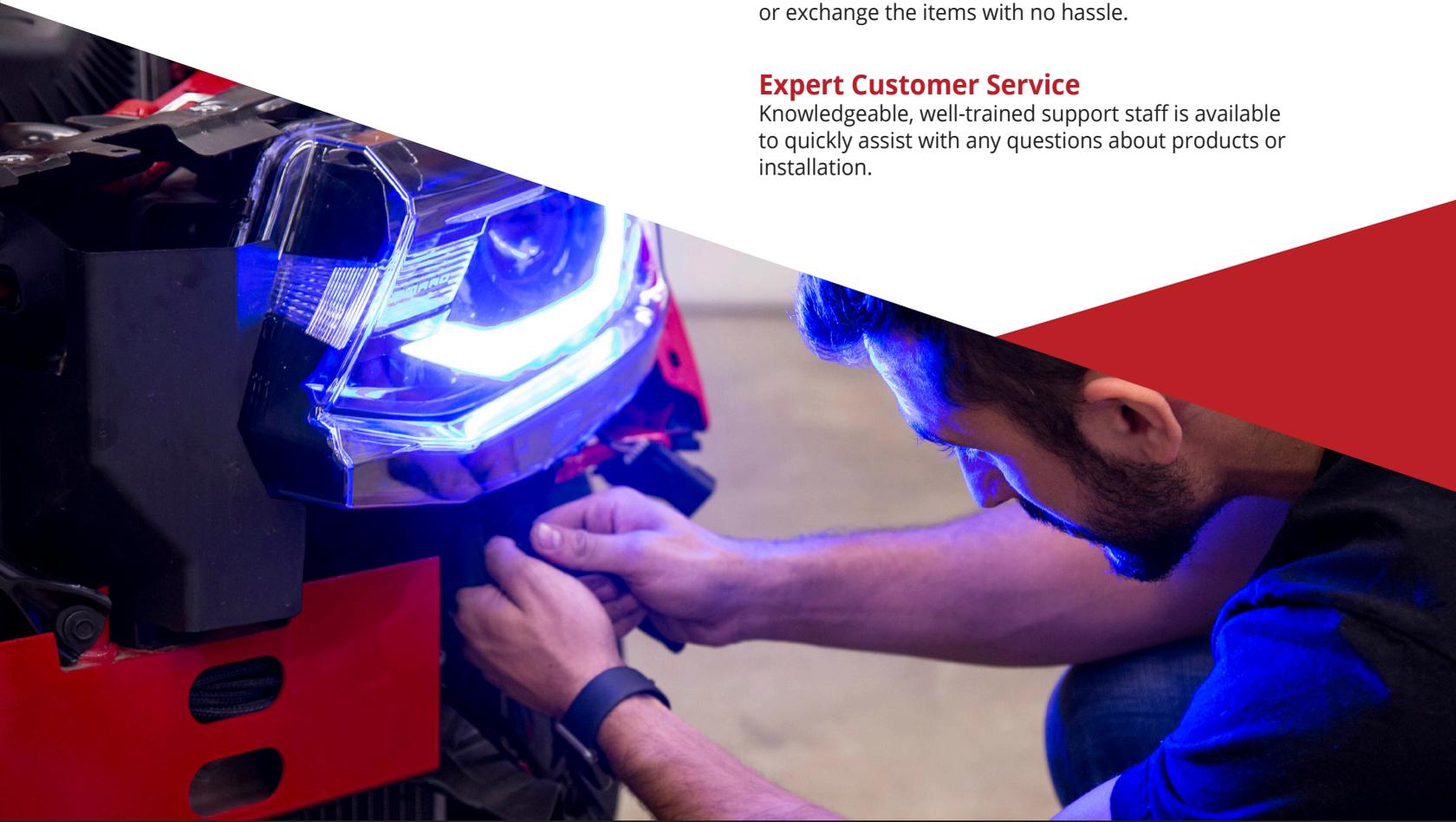
3-year replacement warranty on all of our products, with easy and fast service. Replacements are shipped out with a return label, so you aren't left waiting.

### Satisfaction Guarantee

We stand by the quality of every item we sell and want you to be 100% satisfied with your purchase. If for any reason you aren't satisfied, contact us and we will refund or exchange the items with no hassle.

### Expert Customer Service

Knowledgeable, well-trained support staff is available to quickly assist with any questions about products or installation.



# OUR PROCESS

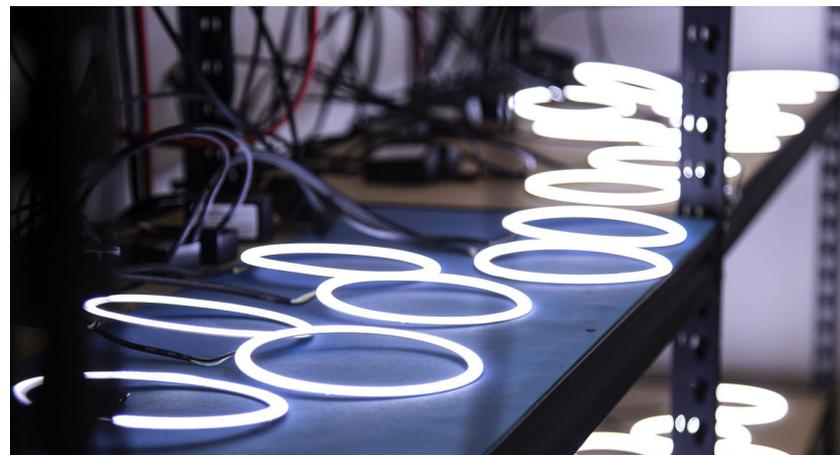


## DEVELOPMENT

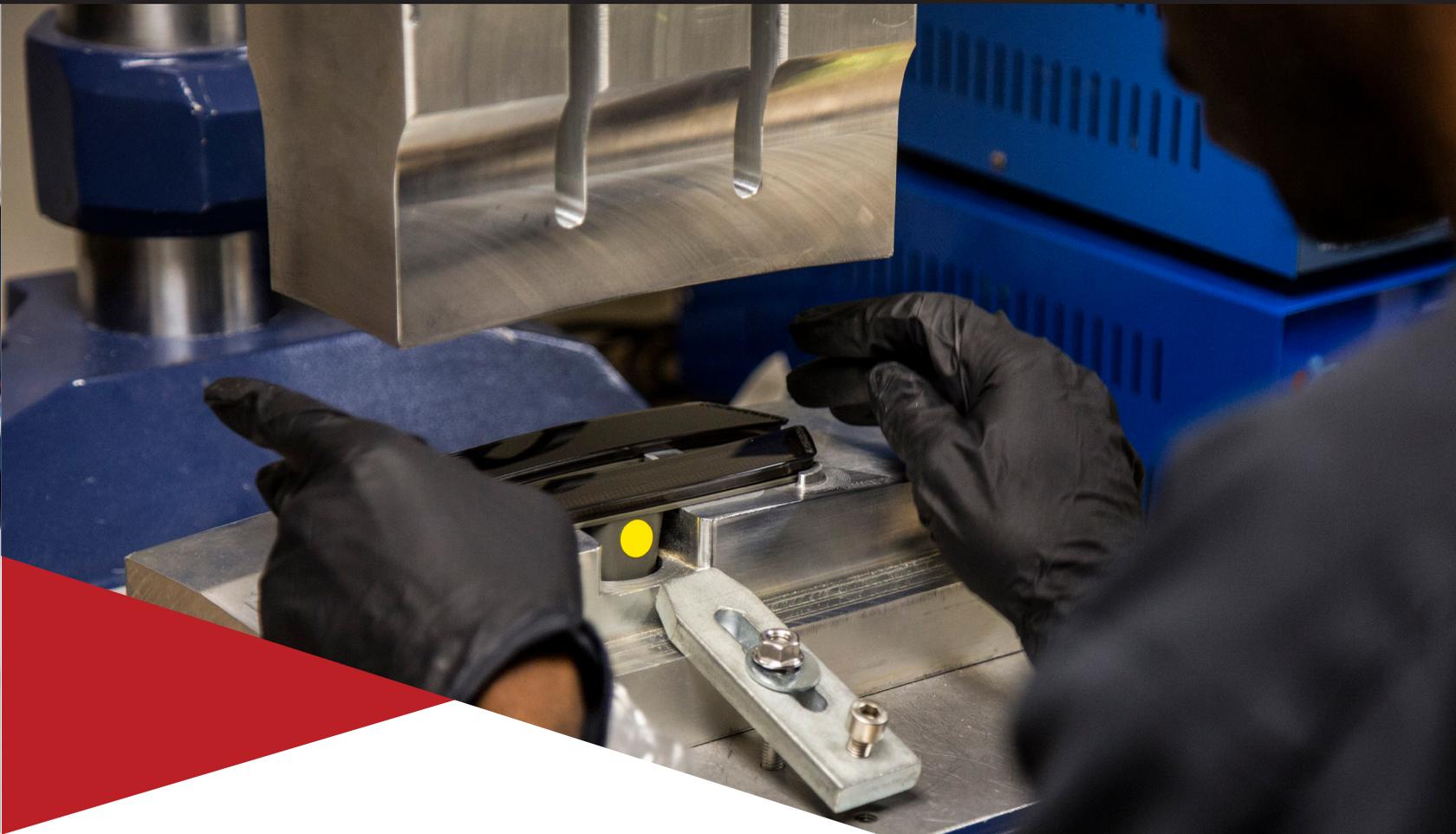
At Diode Dynamics, we conduct all necessary engineering and testing for our products in-house. This allows us to create products at a rapid pace, with unmatched precision and quality.

Our mechanical engineers design optics, heatsinks, housings, and harnesses utilizing state-of-the-art tools, including a ROMER coordinate measuring machine and production 3D printer, along with industry-leading mechanical and optical design software including DesignX, Optis, and Solidworks. Our electrical engineers design circuitry, program microcontrollers, and lay out printed circuit boards, then build prototypes in our well-equipped electrical laboratory.

All of our products are fully tested and measured using an integrating sphere and spectroradiometer, which provides the exact color and true total lumen output. Next, measurements are taken with a goniophotometer to ensure correct beam pattern, and compliance for on-road use. All products then undergo vibration, corrosion, moisture, and temperature testing to test the effects of environmental changes on the electrical components. Finally, we maintain a test garage to install our products directly on vehicles, to ensure final fitment, compatibility, and long-term reliability of our products.



# OUR PROCESS



## MANUFACTURING

Once the product is thoroughly tested, it is produced by our manufacturing division, Diode Dynamics Manufacturing. By making an increasing number of our products in-house, we are able to achieve significant cost benefits, even compared to overseas suppliers. We also have the advantage of fully controlling the quality of the products we manufacture, which is often a significant challenge in the aftermarket automotive electronics industry.

Diode Dynamics Manufacturing utilizes automated SMT assembly lines, conformal coating equipment, wire harness assembly machines, laser cutters, vertical milling machines, ultrasonic welders, hot plate welders, and other equipment needed to produce LED lighting. Please visit [www.diodedynamicsmfg.com](http://www.diodedynamicsmfg.com) to learn more about our manufacturing processes and capabilities.

## DISTRIBUTION

Diode Dynamics was born in the internet age, so online distribution has become second nature to us. We offer same-day low-cost shipping on all orders, dropshipping for our Authorized Dealers, and maintain an advanced inventory system to ensure products are in stock when they are needed. All products are available in individual, case, and pallet quantities.

## SUPPORT

Good customer service needs to be fast, friendly, and effective. When you ask us a question, you won't get a canned answer. You'll get a real person who knows what they are talking about. Just pick up the phone or email us, and you'll get a reply within 24 hours (although usually it's much sooner than that).

# STAGE SERIES LED LIGHT BARS

## STAGE SERIES

RALLY-QUALIFIED LED LIGHTING



*TJ Jeep Wrangler featuring Stage Series Light Bars*

## STAGE SERIES LED LIGHT BARS

Inspired by the needs of a professional rally driver, our Stage Series LED light bars have been designed for maximum functionality with advanced TIR optics engineered to produce a useful beam pattern, all in a highly durable compact package. They use a narrow-profile extruded housing, to allow fitment in small and tight areas. At less than 42mm tall, they'll fit in many places a traditional dual-row light bar won't. But the compact size doesn't mean they're short on power! Thanks to the high-intensity Lumileds LED chips, coupled with our total internal reflection (TIR) optic, the total output of the Stage Series is far greater than a standard, generic light bar using basic optics or reflectors.



*White Driving Lens*



*White Wide Lens*



*Amber Driving Lens*

SIZE	COLOR	DRIVING	WIDE	FLOOD	COMBO	PRICE
6"	WHITE	DD5014S	DD5022S	DD6032S	-	\$80
	AMBER	DD5036S	DD5044S	DD6040S	-	
12"	WHITE	DD5015S	DD5023S	DD6033S	-	\$140
	AMBER	DD5037S	DD5045S	DD6014S	-	
18"	WHITE	DD5016	-	DD6034	DD5030	\$200
	AMBER	DD5038	-	DD6042	DD5052	
30"	WHITE	DD5018	-	DD6036	DD5032	\$320
	AMBER	DD5040	-	DD6044	DD5054	
42"	WHITE	DD5020	-	DD6038	DD5034	\$420
	AMBER	DD5042	-	DD6046	DD5056	
50"	WHITE	DD5021	-	DD6039	DD5035	\$480
	AMBER	DD5043	-	DD6047	DD5057	

# STAGE SERIES LED LIGHT BARS

## TAKE A LOOK INSIDE

### RELIABILITY

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

### LIFESPAN

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

### WEATHER-PROOF

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

### LEDS

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

### FITMENT

42mm tall, narrow profile to allow hideaway fitment.

### VENTING

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

### 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.

### BEAM PATTERN

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



## ISOLUX GRAPHS

*Driving Output*



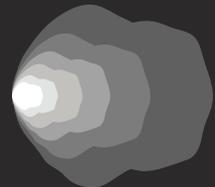
*Wide Output*



*Flood Output*



*Combo Output*



## REAL WORLD OUTPUT



*6" Driving Output*



*6" Wide Output*



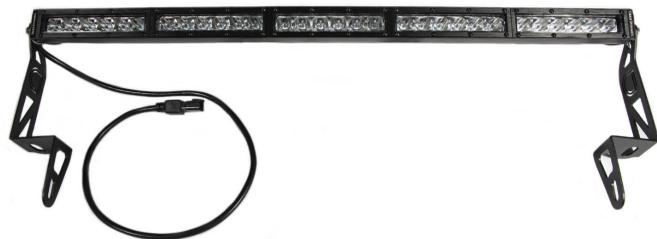
*50" Combo Output*

# LED LIGHT BAR KITS

**NEW**  
FOR  
**2019**

**STAGE**  
**SERIES**  
RALLY-QUALIFIED LED LIGHTING

*2018 Jeep JL Wrangler  
LED Light Bar Kit*



## 2018+ JEEP JL WRANGLER LED 30" LIGHT BAR BUMPER KIT

- Direct fitment on 2018+ Jeep JL Wrangler Bumper
- Holds one or two 30" Stage Series Light Bars
- Highly durable powdercoated steel construction
- Utilizes existing mounting points and hardware
- CAD-designed for perfect fitment
- Includes extender bracket for second light bar or clearance for winch

**(1) 30" LED KIT \$430.00**

**(2) 30" LED KIT \$750.00**

**DD6027**

# LED LIGHT BAR KITS

## 2015-2017 SUBARU WRX/STI LED DRIVING LIGHT KIT

- Direct fitment on 2015-2017 Subaru WRX/STI
- Kit includes lightbars, brackets, and wiring harness
- Highly durable powdercoated steel construction
- Utilizes existing mounting points and hardware
- CAD-designed for perfect fitment
- \* Street Legal output as Driving Lights

**\$240.00**

**DD6008**

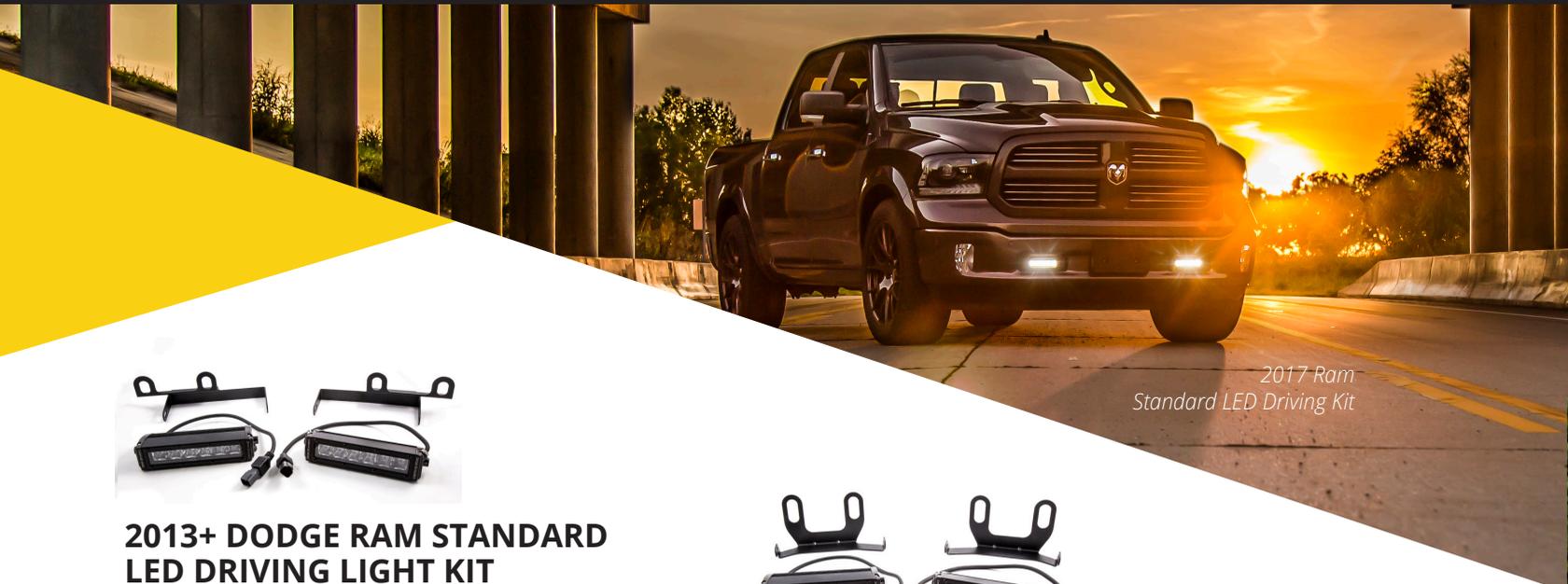


**8**  
YEAR  
WARRANTY



2015-2017 Subaru STI LED Driving Light Kit

# LED LIGHT BAR KITS



2017 Ram  
Standard LED Driving Kit



## 2013+ DODGE RAM STANDARD LED DRIVING LIGHT KIT

- Direct fitment on 2013+ Ram with Standard Bumper
- Kit includes light bars, brackets, and wiring harness
- Highly durable powdercoated steel construction
- Utilizes existing mounting points and hardware
- CAD-designed for perfect fitment
- \* Street Legal output as Driving Lights

**\$280.00**

DD6012



## 2013+ DODGE RAM SPORT LED DRIVING LIGHT KIT

- Direct fitment on 2013+ Dodge Ram with Sport Express Bumper
- Kit includes light bars, brackets, and wiring harness
- Highly durable powdercoated steel construction
- Utilizes existing mounting points and hardware
- CAD-designed for perfect fitment
- \* Street Legal output as Driving Lights

**\$280.00**

DD6016



**NEW FOR 2019**



## TOYOTA TUNDRA STEALTH 30" OR 42" LIGHT BAR KIT

- Direct fitment on Toyota Tundra
- Available in 30" or 42" Stage Series light bars
- Highly durable powdercoated steel construction
- Utilizes existing mounting points and hardware
- CAD-designed for perfect fitment

**30" KIT \$360.00**

DD6049

**42" KIT \$460.00**

DD6048



## TOYOTA TUNDRA 12" DRIVING LIGHT KIT

- Direct fitment on Toyota Tundra
- Two 12" Stage Series Lightbars
- Highly durable powdercoated steel construction
- Utilizes existing mounting points and hardware
- CAD-designed for perfect fitment
- \* Street Legal output as Driving Lights

**\$340.00**

DD6012



**NEW FOR 2019**

# LED LIGHT BAR KITS

**8**  
YEAR  
WARRANTY



## 2017+ FORD RAPTOR LED FOG LIGHTBAR KIT

- Direct fitment on 2017+ Ford Raptor
- Holds up to three work lights, or Stage Series light bars
- Highly durable powdercoated steel construction
- Utilizes existing mounting points and hardware
- CAD-designed for perfect fitment
- \* Street Legal output as Driving Lights



**6" LED KIT \$280.00**

DD6004

**BRACKETS ONLY \$80.00**

DD6003



**3 YEAR  
WARRANTY**

2016 Toyota Tundra 42"  
Stealth Light Bar Kit



**NEW**  
FOR  
**2019**

## 2016+ TOYOTA TACOMA 30" LIGHT BAR KIT

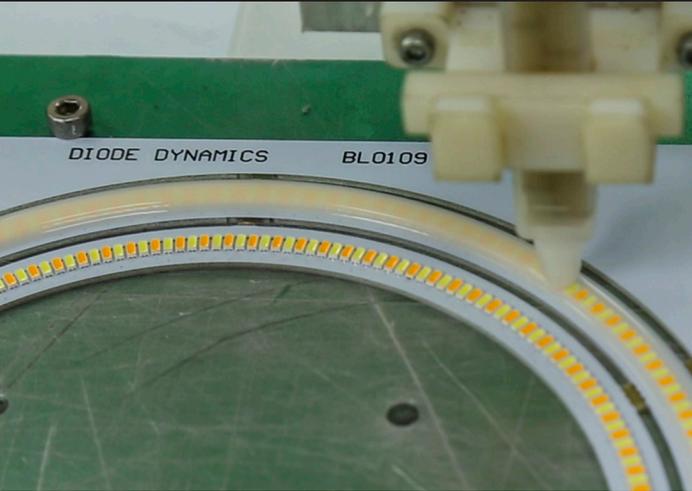
- Direct fitment on 2016+ Toyota Tacoma
- Holds one 30" Stage Series light bar
- Highly durable powdercoated steel construction
- Utilizes existing mounting points and hardware
- CAD-designed for perfect fitment

**\$380.00**

DD6051



# HD LED HALOS AND STRIPS



## HD HALO™ TECHNOLOGY

With Diode Dynamics' exclusive HDHalo technology, our halos and strips have been designed from the ground-up to be absolutely the brightest, most reliable lights physically possible. Each board is populated with a large number of high-density (HD) LEDs, which are then coated by a diffusing gel, resulting in a perfectly uniform light when turned on. When off, the diffusing gel hides the chips, resulting in a clean, OEM appearance.

### UNIVERSAL HD LED HALOS

With a variety of sizes and colors—switchback, red, amber, blue, and cool white, you can create a custom look that matches your unique style! Most commonly used in headlight and tail light applications, our halos can be used in any application with 12V power.

- Proprietary durable phosphor coating, to create uniform, solid appearance
- Multi-function PWM drivers, featuring low power, high power, and turn signal modes
- Integrated mounting tabs for easy installation



SIZE (MM)	PRICE (PAIR)	SKU (SWITCHBACK)
50	\$85.00	DD2058
60	\$90.00	DD2059
70	\$95.00	DD2060
80	\$100.00	DD2061
90	\$105.00	DD2062
100	\$110.00	DD2063
110	\$115.00	DD2064
120	\$120.00	DD2065
130	\$125.00	DD2066
140	\$130.00	DD2067
150	\$135.00	DD2068
160	\$140.00	DD2069



### HD LED STRIPS

- Proprietary durable phosphor coating, to create uniform, solid appearance
- Multi-function PWM drivers, featuring low power, high power, and turn signal modes
- Semi-flexible structure for easy mounting



LENGTH (IN)	PRICE (SINGLE)	SKU (SWITCHBACK)
3	\$40.00	DD2116
6	\$45.00	DD2117
9	\$50.00	DD2118
12	\$55.00	DD2119

Double and triple input options available at diodedynamics.com.

# VEHICLE SPECIFIC HD HALO KITS

2015 Subaru STI C-Light Switchback LED Halos



**HD HALO™ KITS**



Engineered and manufactured from the ground-up in St. Louis, Missouri, our vehicle specific halo kits have been CAD-designed for each application to ensure an OEM fit and finish. Each custom-sized kit has multiple functions: extremely bright white for the DRLs, lower-power white for night time use, and a brilliant amber for the turn signals. These are sure to add a distinct, unique look both day and night!

MAKE/MODEL	PRICE	SKU
CHEVY CAMARO PREMIUM 2016-2018	\$160	DD2218
DODGE RAM HALOS 2013-2018	\$200	DD2021
DODGE RAM QUAD HALOS 2009-2018	\$220	DD2178
F-150 RAPTOR 2013-2014	\$200	DD2172
GMC SIERRA 2016-2018 <b>NEW!</b>	\$180	DD2177
JEEP GRAND CHEROKEE 2014-2018	\$160	DD2216
SUBARU CROSSTREK 2013-2018	\$160	DD2221
SUBARU IMPREZA 2012-2016	\$160	DD2221
SUBARU LEGACY 2015-2017	\$160	DD2220
SUBARU OUTBACK 2015-2017	\$160	DD2220
SUBARU WRX/STI 2015-2017	\$140	DD2016
SUBARU WRX 2018+	\$140	DD2016
TOYOTA TUNDRA 2014-2018	\$120	DD2225



2018 GMC Sierra Switchback LED Halos

Don't see your vehicle? More available at [diodedynamics.com](http://diodedynamics.com)

# LED BOARDS



2016 Chevrolet Camaro featuring RGBWA LED Boards and RGBW LED Demon Eyes

## MULTICOLOR LED BOARDS

Looking to make a statement? Our Multicolor LED Boards are a direct replacement for factory-installed LEDs. Just remove the factory LED circuit board, and ours fit directly in place, with computer-designed fit and finish.

The replacement boards utilize RGBW LED chips, and are configured to meet or exceed factory white brightness, while also adding full multicolor function. Each one illuminates with red, blue, green, and 6500K white. To change the color, use any standard RGB or RGBW controller (not included). Your order includes a full set of replacement boards for each side of the vehicle, as well as drivers to reliably power them. Professional installation is recommended, as the factory headlights must be opened in order to replace the LED panels.



### MAKE/MODEL

### PRICE

### SKU

CHEVROLET CAMARO HEADLIGHT 2016-2018*	<b>NEW!</b>	\$220	DD2222
CHEVROLET CAMARO LOWER DRL 2016-2018*	<b>NEW!</b>	\$160	DD2242
CHEVROLET C7 CORVETTE 2014-2018		\$140	DD2162
CHEVROLET CAMARO RS 2010-2013		\$80	DD2215
CHEVROLET CAMARO ZL1 2012-2015		\$80	DD2215
DODGE CHALLENGER 2015-2018		\$140	DD2163
DODGE CHARGER 2015-2018		\$160	DD2164
DODGE RAM 2013-2018*		\$200	DD2014
FORD EXPLORER 2016-2017		\$160	DD2167
FORD F-150 2015-2017		\$100	DD2165
FORD MUSTANG 2013-2014		\$120	DD2166
FORD MUSTANG 2015-2017*		\$140	DD2007
FORD MUSTANG 2018* <b>NEW!</b>		\$220	DD2243
FORD RAPTOR 2017-2018		\$100	DD2165
GMC SIERRA 2014-2015		\$180	DD2168
HYUNDAI VELOSTER TURBO 2012- 2017		\$80	DD2169
SUBARU BRZ 2013-2016		\$120	DD2017

\*RGBWA™ AVAILABLE

Price does not include controller.  
Don't see your vehicle? More available at [diodedynamics.com](http://diodedynamics.com)



2015 Dodge Challenger featuring RGBW™ LED Boards Owner @srt392\_aaron

# LED BOARDS



Standard multicolor LED products feature only red, blue and green (RGB) chips, which are combined to create a poorly-integrated white color. By adding a discrete white chip (RGBW), the white color is substantially brighter and more balanced, resulting in a much more pure white when compared to that of old technology.

We were the first manufacturer worldwide to bring RGBW technology to the automotive market, and we are proud to offer it in a full line of LED products, which are manufactured in St. Louis, Missouri. By choosing RGBW LED products, vehicle owners can achieve multicolor functionality and style, without sacrificing the original crisp, bright white output which is required for legal on-road use.

2018 Ford Mustang featuring RGBWA™ LED DRL Replacement Boards



## THOUSANDS OF COLOR POSSIBILITIES

### PRO SERIES LED BOARDS

Introducing Pro Series LED Boards! Using high-intensity emitters and metal substrate PCBs, Pro Series LED Boards feature brighter output and better thermal management. The Pro Series LED Boards also feature OEM-style connectors for easier mounting, and quality is assured through traceability.



### BLUETOOTH RGBW CONTROLLER

- Control RGBW products right from your phone, with easy True White selection
- Simple to use, with saved color presets
- Multiple patterns, or customize your own
- Easily group multiple controllers for multi-zone control
- Fully waterproof, with standard connections
- Output up to 20 amps (5A per channel)

**\$50.00**  
**DD3003**

# LED BOARDS



2017 Chevrolet Silverado Z71  
Switchback DRL LED Board

## SWITCHBACK LED BOARDS

Our Switchback LED Boards are designed to replace factory-installed LEDs, which are usually only one color, such as a white DRL. By using double the number of high-power LED chips, our boards illuminate in both white and amber, in a “switchback” effect. When your DRLs or headlights are on, the LEDs lightup in a bright white. Hit your turn signal, and they flash a brilliant amber, as an extra indicator. Your order includes a full set of replacement boards as well as switchback drivers, to control and power this custom function.



**3 YEAR  
WARRANTY**

MAKE/MODEL	PRICE	SKU
CHEVROLET CAMARO 2016-2018	\$180	DD2219
CHEVROLET SILVERADO 2016+ <b>NEW!</b>	\$160	DD2239
DODGE CHALLENGER 2015-2018	\$140	DD2175
DODGE CHARGER 2015-2018	\$160	DD2176
DODGE RAM 2013-2018	\$160	DD2015
FORD F-150 2015-2017	\$100	DD2005
FORD MUSTANG 2013-2014	\$120	DD2174
FORD MUSTANG 2015-2017	\$160	DD2115
FORD RAPTOR 2017-2018	\$100	DD2005
GMC SIERRA 2014-2015	\$180	DD2011
NISSAN MAXIMA 2016-2018	\$140	DD2013
SUBARU BRZ 2013-2016	\$100	DD2018
TOYOTA TACOMA 2016-2018	\$140	DD2224
TOYOTA TUNDRA 2014-2018	\$180	DD2225



15+ Toyota Tundra Switchback DRL LED Boards

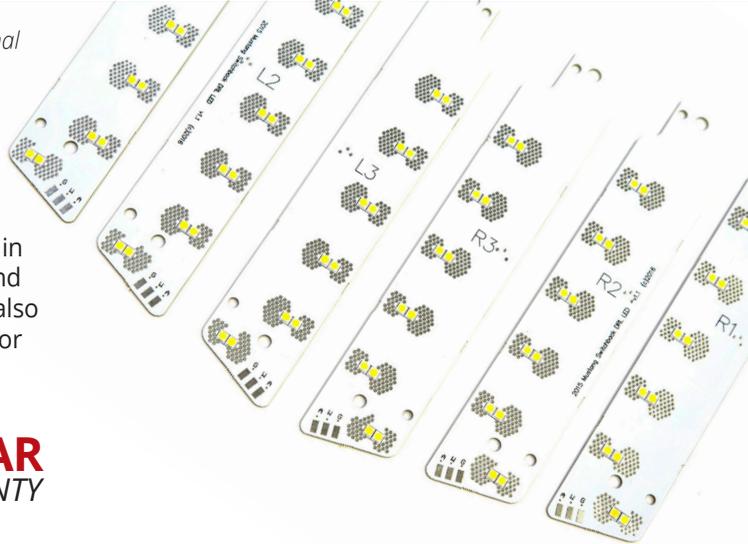
# LED BOARDS



2015-2017 Ford Mustang Switchback DRL LED Boards with sequential turn signal

## SEQUENCING DRL LED BOARDS 2015-2017 FORD MUSTANG

From the factory, the 2015-2017 Ford Mustang has LED accent bars in the headlight that illuminate in a white color, for the parking light and DRL. These LED Boards upgrade this look by making those accents also light up as a brilliant amber turn signal, with a "switchback" dual-color effect that is also a sequencing pattern!



**\$160.00**  
DD2115



**3 YEAR**  
WARRANTY

## ADD STYLE AND FUNCTIONALITY



2015 Ford F-150 Switchback DRL LED Board

# LED HEADLIGHT



2017 Chevrolet Colorado ZR2  
SL1 Low Beam LED Headlights

## SL1 LED HEADLIGHT



The automotive market is flooded with LED headlight bulbs that are designed for looks, not performance. They're bright, but they fail to direct light to the road. We are pleased to introduce the SL1: the first LED headlight bulb made in USA, compact enough to fit without modification, and designed with advanced optical simulation and modeling tools to provide street legal output. The SL1 delivers more light to the road, for truly superior performance.

**SIZES: H8, H9, H10, H11, 9005, 9006, 9012**

**\$150.00/PAIR**



### Made in USA

From the design to the fabrication to the assembly, the SL1 has been fully designed, engineered, and manufactured from the ground-up at our facility in St. Louis, Missouri.



### Perfect Fit

The small size of the SL1 allows it to fit directly into headlight housings without any modification to the bulb or housing – simply replace the factory bulb!



### Street-Legal Output

The SL1 utilizes six Luxeon ZES chips to mimic the filament and output of a factory halogen headlight bulb. This reduces glare in reflector and projector housings and produces beam patterns with a more intense, focused light on the road.

**40,000 HOURS**



### Long Lifespan

The SL1 features a dust and water-resistant side MagLev Sunon Fan, specially-designed heat sink fins, and copper PCB core to ensure maximum heat transfer and an extremely long lifespan.

# LED HEADLIGHT

*Designed for both reflector and projector housings!*



Projector Housing



Reflector Housing

## 2015 F-150 REFLECTOR HOUSING



DOT COMPLIANT PATTERN	NO GLARE TO OTHER DRIVERS	LIGHT FOCUSED DOWN THE ROAD	MORE OUTPUT THAN FACTORY	COOL WHITE COLOR
✓	✓	✓	□	✗
✗	✗	✗	✗	✓
✓	✓	✓	✓	✓

### OPTICS

Six high-power Luxeon ZES chips replicate factory halogen filament for a focused beam pattern and minimal glare.

### DESIGN

Custom engineered heat sink fins direct air flow for superior thermal management

### INSTALLATION

Small size allows for easy installation, no modification necessary



US PATENT D824052



### LIFESPAN

Copper PCB core for maximum heat transfer and extended LED lifespan

### FITMENT

Locking tabs for proper fitment and alignment

### RELIABILITY

Zinc diecast body for maximum heat dissipation and added reliability

### COOLING

Integrated side MagLev Sunon fan cools bulb to maintain optimal operating temperature

# UNIVERSAL DEMON EYE



**PRO**  
SERIES

## RGBW™ DEMON EYES

- RGBW LEDs, for full multicolor and true white illumination
- Aluminum heatsink, for maximum heat dissipation
- Locking connectors, for easier installation
- Brackets included for Mini H1 projectors, or custom-mount

**\$70.00/PAIR**  
DD2022



**THOUSANDS OF COLOR POSSIBILITIES**



Subaru Crosstrek featuring RGBW Demon Eyes and C-Light Owner: @adv\_trek

# MUSTANG DEMON EYE

2015 Ford Mustang featuring RGBW Demon Eye Kit

## FORD MUSTANG RGBW™ DEMON EYE KIT

Designed specifically for the 2015-2017 Ford Mustang, our Mustang Demon Eye Kit converts the projector housing inside the headlight to illuminate in any color or a pure white for a unique, custom look! The kit includes an application specific brackets—no need to open the headlights! Also included in the kit is a Bluetooth RGBW Controller to change the color.

**\$150.00/KIT**

DD2223



# FOG/DRL LEDS



*2018 Jeep JL Wrangler  
featuring SLF fog lights*

## **SL** STREET LEGAL OUTPUT

Standard LED bulbs only provide a cool white appearance. It's a modern look, but they won't provide the same output and beam pattern on the road as a standard incandescent bulb. Light from the LED is not being focused, so only a small amount reaches the road as useful output.

At Diode Dynamics, we've designed a new lineup of LED bulbs using advanced optical simulation software and the latest high-intensity chips. Unlike other manufacturers, we test the LED bulbs inside factory lamps, to check the resulting performance and output. We conduct this testing in-house with our goniometer, which is a machine that slowly rotates a whole headlight or tail light, and measures the effective beam pattern.

These new LED bulbs, when installed in certain factory lamps, meet or exceed photometric standard requirements. This includes total light output, the color of light, and the beam pattern. The result is what we call a "Street Legal" LED light source, that provides safe output with no glare, and more functional light to the road.

# FOG/DRL LEDs



## SLF LED FOG LIGHT

### SLF LED FOG LIGHT

Introducing the SLF LED fog light bulb! Designed using advanced optical simulation and modeling tools, the SLF delivers more light to the road, for truly superior performance. Designed for both reflector and projector housings.

- 780 lumens
- 40,000 hour lifespan
- Dual 3-chip automotive grade, high power LEDs
- Aluminum PCB for maximum heat transfer

Sizes: 9005, 9006, H8, H10/9145, H11, H16/PSX24W

**\$120.00/PAIR**



### HP48

- Omnidirectional output
- Cosmetic upgrade, modern color
- 48 high-power 3014 size LEDs
- 250 lumens

Sizes: 9005, 9006, H7, H8, H10/9145, H11, H16/PSX24W, P13W

**\$40.00/PAIR**



### XP80

- Twelve side-firing 5W-rated chips
- Four forward facing 5W-rated chips
- Aluminum casing for superior heatsinking
- 510 lumens

Sizes: 9005, 9006, H8, H10/9145, H11, H16/PSX24W

**\$90.00/PAIR**



**3 YEAR WARRANTY**



Learn what gives our SLF LED Fog Lights their pure yellow output!

# MULTICOLOR FOG/DRLs



2011 Jeep Wrangler Multicolor Fog/DRL



## MULTICOLOR FOG/DRLs

These multicolor LED bulbs are a direct replacement in any fog light or DRL application. By using an RGB controller, you can set them to any color imaginable, or use any lighting mode offered by the controller. The bulbs utilize bright 5050-size SMD chips, and feature plug-and-play installation.

Sizes: H7, H8, H10, H11, 9005, 9006, H16/PSX24W

**\$75.00/SET**



## 24-KEY RF RGB CONTROLLER

- Color selection buttons
- Mode selection buttons
- Adjust speed and brightness
- Program custom colors with unique DIY settings

**\$10.00**

**3 YEAR  
WARRANTY**

# LUXEON FOG LIGHTS

Scion FR-S Type A Luxeon Fog Lights



## LUXEON LED FOG LIGHT ASSEMBLIES

- 100% plug-and-play installation for select applications
- Unique projector optic design for a wide, even output pattern
- Durable and UV-resistant polycarbonate lens
- OEM-grade construction, tested for moisture and vibration
- EP67 waterproof with GORE pressure equalization seal
- Genuine Philips LUXEON T LEDs
- Meets E-Mark/SAE/DOT vehicle safety and quality standards

**\$160.00/PAIR**



## VEHICLE COMPATIBILITY

### TYPE A

ACURA ILX, 2013-2017  
ACURA RDX, 2010-2017  
ACURA TL, 2012-2014  
ACURA TSX, 2011-2013

FORD C-MAX, 2013-2016  
FORD EXPLORER, 2012-2015  
FORD FIESTA ST, 2014-2017  
FORD FOCUS, 2009-2015  
FORD FOCUS ST, 2013-2014  
FORD FREESTYLE, 2005-2007  
FORD FUSION, 2013-2016  
FORD MUSTANG, 2006-2009  
(V6 AND GT500)  
FORD MUSTANG, 2015-2017  
FORD RANGER, 2005-2007  
FORD TAURUS X, 2008-2009  
FORD TRANSIT, 2006-2015

HONDA ACCORD COUPE, 2013-2015  
HONDA CIVIC SI SEDAN, 2013-2015  
HONDA CROSSTOUR, 2013-2015  
HONDA CR-V, 2012-2014  
HONDA CR-Z, 2013-2016  
HONDA INSIGHT, 2009-2014  
HONDA PILOT, 2012-2015

NISSAN FRONTIER, 2009-2014  
NISSAN SENTRA, 2007-2012  
NISSAN TITAN, 2016-2017  
NISSAN XTERRA, 2005-2013

PORSCHE CAYENNE, 2011-2015  
PORSCHE MACAN, 2015-2017

SCION FR-S, 2013-2016

SUBARU BRZ, 2013+  
SUBARU CROSSTREK, 2012-2018  
SUBARU FORESTER, 2014-2017  
SUBARU IMPREZA, 2012-2017  
SUBARU LEGACY, 2010-2012  
SUBARU OUTBACK, 2010-2012  
SUBARU WRX/STI, 2015-2017

### TYPE B

LEXUS CT200H 2011-2017  
LEXUS ES350 2013-2015  
LEXUS GS350 2013-2015  
LEXUS GS450H 2013-2015  
LEXUS GX460 2010-2014  
LEXUS HS250 2010-2012  
LEXUS IS250 2011-2014  
LEXUS IS350 2011-2014  
LEXUS IS-F 2008-2013

LEXUS LX570 2008-2015  
LEXUS RX350 2010-2015  
LEXUS RX450H 2010-2015

SUBARU LEGACY 2015-2017

TOYOTA 4RUNNER 2010-2017  
TOYOTA AVALON 2007-2015  
TOYOTA CAMRY 2007-2014  
TOYOTA COROLLA 2009-2016  
TOYOTA HIGHLANDER 2008-2010  
TOYOTA MATRIX 2009-2013  
TOYOTA PRIUS 2010-2016  
TOYOTA PRIUS C 2012-2016  
TOYOTA PRIUS V 2012-2016  
TOYOTA RAV 4 2006-2012  
TOYOTA SIENNA 2010-2016  
TOYOTA SOLARA 2006-2008  
TOYOTA TACOMA 2012-2018

TOYOTA TUNDRA 2014-2017  
TOYOTA VENZA 2009-2014  
TOYOTA YARIS 2007-2016

### TYPE C

INFINITI G37 2010  
INFINITI JX 2013-2016  
INFINITI M 2006-2010  
INFINITI QX 2014+

NISSAN ALTIMA 2007+  
NISSAN MAXIMA 2007-2015  
NISSAN PATHFINDER  
(NON-HYBRID) 2013+  
NISSAN ROGUE 2008+  
NISSAN SENTRA 2004+  
NISSAN VERSA SEDAN 2012-2016

# SIDEMARKERS



2018 Jeep JL LED Sidemarkers in Smoked

## LED SIDEMARKERS

A complete replacement for the factory housing, our LED Sidemarkers add a modern LED appearance with OEM-grade retroreflectors, bright LEDs, and an incredibly simple 10-minute, plug-and-play installation. Available in both front and rear applications and a variety of lens color options: smoked, red, clear, and amber. Our LED Sidemarkers are an easy way to upgrade your vehicle's appearance!



Clear



Smoked



OEM Style

2018 Jeep JL LED Sidemarkers

MAKE/MODEL	PRICE	SKU		
		OEM	SMOKED	CLEAR
CHEVROLET CAMARO 2016+	\$160	DD5062	DD5063	DD5061
FORD MUSTANG 2010-2014	\$160	DD5059	DD5060	DD5058
FORD MUSTANG 2015+	\$80	DD5003	DD5004	DD5002
CADILLAC ATS (NON V) 2015-2017	\$80	DD5065	DD5066	DD5064
CADILLAC CTS (NON V) 2014-2017	\$80	DD5065	DD5066	DD5064
JEEP JL WRANGLER 2018+ <b>NEW!</b>	\$80	DD5069	DD5070	DD5068



Don't see your vehicle? More available at [diodedynamics.com](http://diodedynamics.com)

# SIDEMARKERS



*Clear*

*2015 Ford Mustang LED Sidemarkers*



*Smoked*



*Amber/OEM Style*

What sets Diode Dynamics LED Sidemarkers apart from the rest? Our LED Sidemarkers were computer-designed for OEM fit and finish and utilize a unique optical reflector pattern to maintain OEM-style reflectivity. Each sidemarker illuminates with an entire strip of SMD LEDs to provide a much brighter appearance and help your vehicle stand out on the road!



*2016 Chevrolet Camaro Smoked LED Sidemarker*

**You** **Tube**

Check out our  
"How it's Made"  
Video for the  
15+ Ford Mustang  
LED Sidemarker!



# SEQUENTIAL LED TURN SIGNAL



*2016 Ford Mustang Shelby GT350R  
featuring Smoked Sequential LED Turn Signals*

## SEQUENTIAL LED TURN SIGNAL

From the factory, the turn signal on the 2015-2017 Ford Mustang illuminates in an amber color for the parking light and when the turn signal is engaged. A complete replacement for the factory turn signal housing, the new Sequential LED Turn Signal illuminates in a cool white color with your parking lights or headlights. Anytime the turn signal is activated, it flashes bright amber in a sequential pattern! The Sequential LED Turn Signal is 100% plug-and-play and can be installed in minutes – just replace the factory turn signal housing! The Sequential LED Turn Signal is available with clear or smoked lens.

# SEQUENTIAL LED TURN SIGNAL



## SEQUENTIAL LED TURN SIGNAL

FOR THE 2015-2017 FORD MUSTANG

- Programmable sequential and static turn signal settings
- 100% plug-and-play installation, with OEM connectors
- DOT/SAE compliant output pattern, brighter than factory
- CAD-designed for OEM fit and finish
- Available in clear or smoked lenses

**\$220.00/PAIR**

DD5001 Clear    DD5011 Smoked



See how easy it is to install our LED Turn Signal with this simple installation video online!



Using the integrated switch, you can program your desired turn signal blink rate.

- US: Sequential turn signal rate that matches the USDM tail lights.
- EU: Faster sequential turn signal rate.
- Off: Static, non-sequential turn signal.



# BACKUP LIGHT LEDs



## BRIGHT - HP36

- High-power with aluminum base
- Driven at constant current
- Non-polar design for easy installation
- Full 360-degree illumination
- Compact, high-density design

Size: 921

COLOR  COOL WHITE



**\$40.00/PAIR**  
DD0143P



## BRIGHTEST - XP50

- Eight side-firing 5W-rated chips
- Two forward facing 5W-rated chips under a projector lens
- Brightest 921 bulb on the market!
- Aluminum casing for superior heatsinking
- 410 lumens

Size: 921

COLOR  COOL WHITE



**\$90.00/PAIR**  
DD0144P

**100% SATISFACTION  
GUARANTEE**



See how easy it is to install our replacement LEDs with this simple installation video online!

## THE DIFFERENCE IS NIGHT AND DAY



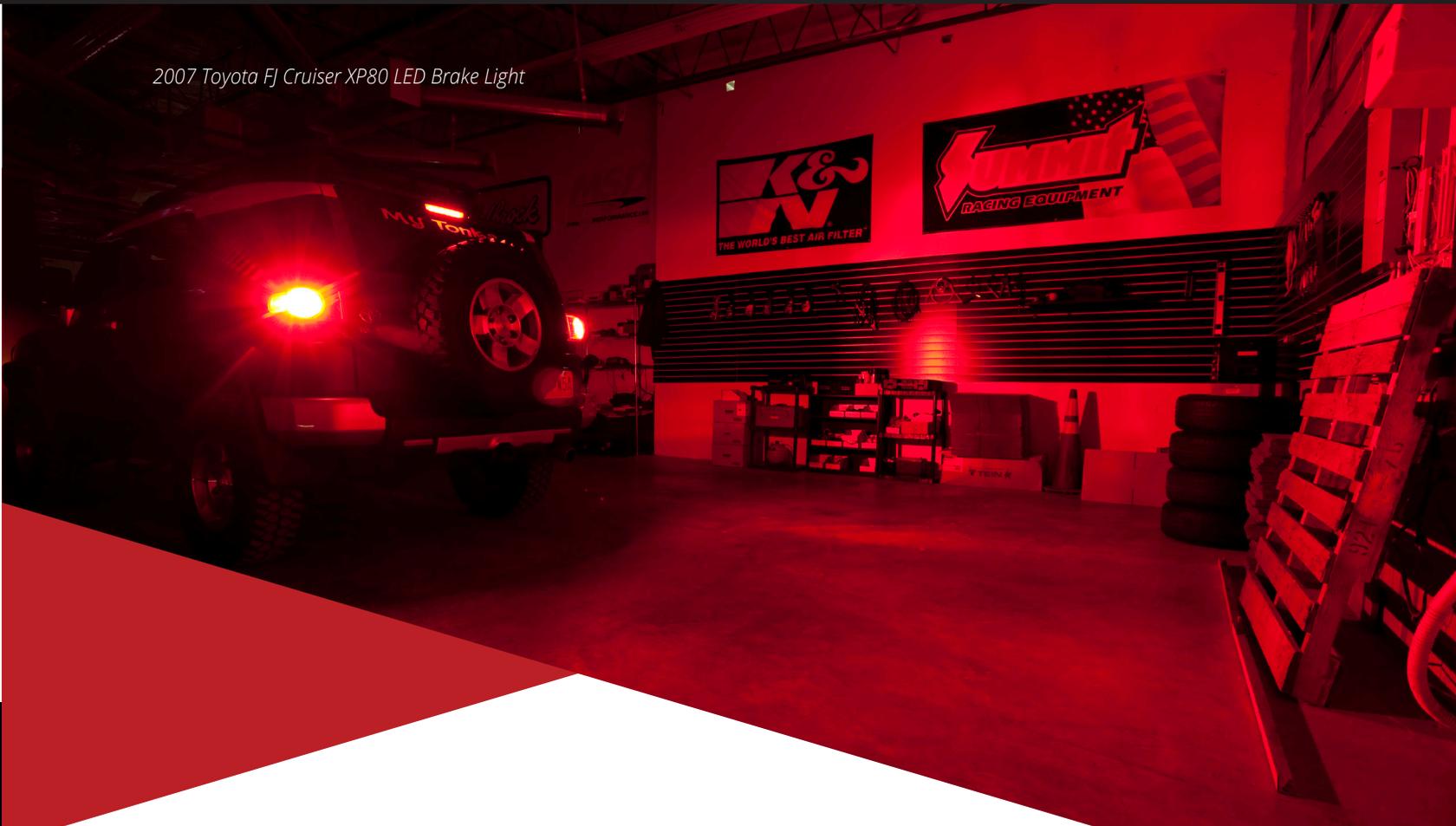
2015 Subaru STI Stock Backup Light



XP50 LED Backup Lights

# TAIL/TURN SIGNAL LEDs

2007 Toyota Fj Cruiser XP80 LED Brake Light



## BRIGHT - HP48

- 48 high-power 3014 size LEDs
- Driven at constant current
- Non-polar design for easy installation
- CK compatible
- Diffused PC lens for even diffusion
- 250 lumens

Sizes: 1156, 1157, 3156/3157, 7440/7443

**COLORS**  **PLUG PLAY**

**\$40.00/PAIR**



## BRIGHTER - HP11

- Four side-firing 1.5W-rated Osram chips
- Non-polar design for easy installation
- One forward facing 5W-rated chip with projector lens
- Aluminum casing for superior heatsinking
- 310 lumens

Sizes: 1156, 1157, 3156/3157, 7440/7443

**COLORS**  **PLUG PLAY**

**\$60.00/PAIR**



## BRIGHTEST - XP80

- Twelve side-firing 5W-rated chips
- Four forward facing 5W-rated chips under a projector lens
- Brightest self-contained bulb on the market
- Aluminum casing for superior heatsinking
- 510 lumens

Sizes: 1156, 1157, 3156/3157, 7440/7443

**COLORS**  **PLUG PLAY**

**\$90.00/PAIR**

# SWITCHBACK TURN SIGNALS



2018 Nissan Frontier  
Switchback Turn Signals

## SWITCHBACK TURN SIGNAL

Full aluminum body for durability and heatsinking  
No yellow appearance when switched off  
Advanced digital latching circuit for color control  
Non-polar and CK compatible  
Extremely bright: 410 lumens

Sizes: 1157, 3157, 7443/7444

**\$60.00/PAIR**

PLUG  
PLAY

**3 YEAR**  
WARRANTY

Embedded digital timing circuit for switchback function, with bright white and amber output.

Custom-designed base connector with tab-style terminals for reliable connection in socket.



Aluminum casing with textured finish for maximum heatsinking properties.

High-power 2835 LEDs on sides and top, including converted amber emitters for high intensity.

Inductive constant-current drive circuit provides superior reliability.



When you replace incandescent turn signal bulbs with LEDs in most vehicles, the vehicle will start hyperblinking because the LED uses much less power, and the vehicle thinks the bulb is out. You can easily fix the problem of hyperblinking with resistors or replacement flasher modules, listed on page 48.

# SWITCHBACK TURN SIGNALS



Stock



Cool White Running Light

## 2018+ JEEP JL WRANGLER SPORT SWITCHBACK TURN SIGNAL LEDS

This kit easily converts the front end of the 2018+ Jeep JL Wrangler Sport to an all-LED, cool white modern appearance. The included front turn signal bulbs illuminate in a cool white color with the parking lights or headlights. Also included in the kit are resistors to prevent hyperblinking.

**\$70.00/KIT**  
DD0341



**NEW**  
FOR  
**2019**



Amber Turn Signal



Cool White Running Light

## 2015-2017 FORD MUSTANG SWITCHBACK TURN SIGNAL LED KIT

This kit easily converts the front end of the 2015+ Ford Mustang to an all-LED, cool white modern appearance. The included front turn signal bulbs illuminate in a cool white color with the parking lights or headlights. Then when the turn signals are activated, they flash a bright amber. Also included in the kit is a pair of 194-size bulbs to replace the factory sidemarker bulbs.

**\$72.00/KIT**  
DD0227



2018+ Jeep JL Wrangler Sport Switchback Turn Signal Kit

# TAIL AS TURN™



## TAIL AS TURN™ MODULE PLUG-AND-PLAY

Many vehicles today come with LED tail lamps, but standard incandescent turn signals. Our Tail as Turn™ module combines the signals, so that you can use your LED for both turn and brake, for a much more modern appearance. Often, this allows for an extra backup light to be installed in the old turn signal spot as well! For select applications, we have designed a fully plug-and-play version.

**\$50.00**

### MAKE/MODEL

HYUNDAI GENESIS COUPE 2013-2016  
 INFINITI G35/G37 COUPE 2008-2016  
 INFINITI G35/G37 SEDAN 2003-2014  
 INFINITI Q50 2014-2017  
 NISSAN GT-R 2008-2018  
 SCION FRS 2013-2016  
 SUBARU BRZ 2013-2016  
 SUBARU FORESTER 2015+ **NEW!**  
 SUBARU IMPREZA SEDAN 2012-2016 **NEW!**  
 SUBARU LEGACY 2015-2017  
 SUBARU OUTBACK 2015+ **NEW!**  
 SUBARU WRX/STI 2015-2018  
 SUBARU WRX/STI HATCH 2008-2014  
 TOYOTA 4RUNNER 2014-2018

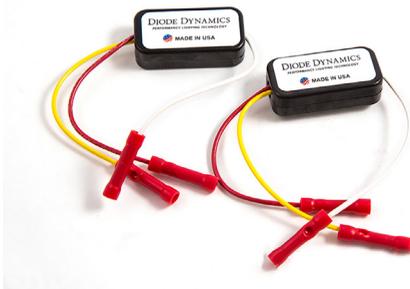
### SKU

DD3015  
 DD3011  
 DD3027  
 DD3036  
 DD3013  
 DD3014  
 DD3014  
 DD3043  
 DD3042  
 DD3026  
 DD3044  
 DD3012  
 DD3010  
 DD3009

2018 Subaru Forester Tail as Turn™ + Backup Light



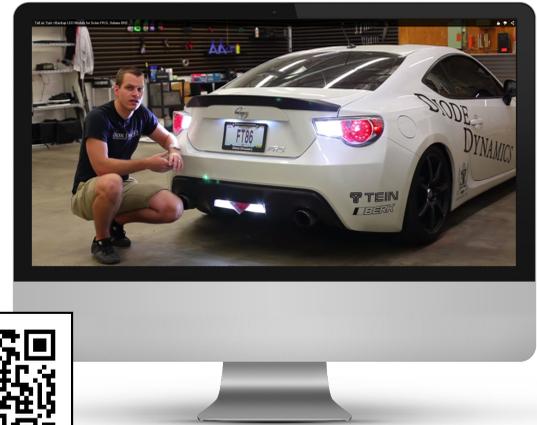
# TAIL AS TURN™



## TAIL AS TURN™ MODULE DO-IT-YOURSELF

Use the DIY version of the Tail as Turn™ module to convert any vehicle's LED tail lamps to also function as the turn signal! Connectors included for easy installation.

*Compatible vehicles are listed below.*



**\$30.00**  
DD3088



**INSTALLATION VIDEOS  
NOW AVAILABLE**

MAKE/MODEL	YEAR	MAKE/MODEL	YEAR	MAKE/MODEL	YEAR	MAKE/MODEL	YEAR
ACURA ILX	16-17	HONDA PILOT	16-17	KIA SORENTO	11-18	NISSAN 370Z	09-18
ACURA MDX	07-18	HONDA RIDGELINE	17	KIA SOUL	17-18	NISSAN ARMADA	17-18
ACURA NSX	17	HONDA S2000	04-09	LEXUS CT	11-17	NISSAN LEAF	11-17
ACURA RDX	16-18	HYUNDAI AZERA	06-17	LEXUS ES	13-18	NISSAN MAXIMA	09-18
ACURA RL	05-13	HYUNDAI ELANTRA	16-17	LEXUS GS	06-15	NISSAN MURANO	06-18
ACURA RLX	16-18	HYUNDAI EQUUS	11-15	LEXUS GX	10-18	NISSAN SENTRA	13-18
ACURA TL	04-14	HYUNDAI GENESIS SEDAN	09-16	LEXUS HS	10-12	RAM 1500 (3157/LED FOR TAIL AND TURN)	13-15
ACURA TLX	16-17	HYUNDAI SANTA FE	13-16	LEXUS IS CONVERTIBLE	10-15	RAM 2500 (3157/LED FOR TAIL AND TURN)	13
ACURA TSX	13-14	HYUNDAI SONATA	14-17	LEXUS IS F	08-18	RAM 3500 (3157/LED FOR TAIL AND TURN)	13
CADILLAC ESCALADE	07-15	HYUNDAI SONATA HYBRID	13-14	LEXUS IS SEDAN	06-16	SUBARU BRZ	13-16
CADILLAC SRX	11-16	HYUNDAI TUCSON	14-18	LEXUS LS	04-12	SUBARU IMPREZA WAGON	09-14
CHEVROLET MALIBU LIMITED	13-16	HYUNDAI VELOSTER	12-18	LEXUS LX	06-16	SUBARU IMPREZA WAGON	09-16
CHEVROLET SUBURBAN	15-18	INFINITI EX35	08-13	LEXUS RX	04-12	SUBARU OUTBACK WAGON	15-17
CHEVROLET TAHOE	15-17	INFINITI FX35	09-12	LEXUS RCF	15-18	SUBARU XV CROSSTREK	14-16
CHEVROLET VOLT	16-18	INFINITI G25 SEDAN	11-13	LEXUS SC	06-10	SMART FORTWO	16-17
CHRYSLER 200	15-17	INFINITI M35	06-10	MAZDA 3 HATCHBACK	07-18	TOYOTA 4RUNNER	08-09
CHRYSLER PACIFICA	17-18	INFINITI M37	11-13	MAZDA 3 SEDAN	07-18	TOYOTA AVALON	13-18
CHRYSLER TOWN & COUNTRY	11-16	INFINITI M45	06-10	MAZDA 5	07-10	TOYOTA CAMRY	10-11
DODGE JOURNEY	11-18	INFINITI M56	11-13	MAZDA 6 SEDAN	14-16	TOYOTA HIGHLANDER	17-18
DODGE GRAND CARAVAN	10	INFINITI Q45	05-06	MAZDA CX-5	16-18	TOYOTA LAND CRUISER	06-18
FORD ESCAPE	17-18	INFINITI Q70	14-18	MAZDA CX-9	07-12	TOYOTA PRIUS	10-17
FORD EXPLORER	11-17	INFINITI QX56	06-13	MAZDA CX-9	17-18	TOYOTA PRIUS V	12-17
GMC ACADIA	17-18	INFINITI QX60	14-17	MAZDA RX-8	09-11	TOYOTA RAV4	06-12
HONDA ACCORD	16-18	INFINITI QX70	14-16	MAZDA MX-5 MIATA	16-18	TOYOTA RAV4	16-18
HONDA ACCORD COUPE	06-07	JEEP CHEROKEE	14-18	MITSUBISHI ECLIPSE	06-12	TOYOTA SOLARA	07-09
HONDA CIVIC	16-18	JEEP COMPASS	11-18	MITSUBISHI I	12-18	TOYOTA TACOMA	09-11
HONDA CR-Z	11-16	JEEP GRAND CHEROKEE	14-18	MITSUBISHI MIRAGE	18	VW CC	13-17
HONDA FIT	15-17	KIA CADENZA	14-18	MITSUBISHI OUTLANDER	07-13	VW TOUAREG	15-17
HONDA INSIGHT	10-16	KIA OPTIMA	16-18	MITSUBISHI OUTLANDER SPORT	11-17		
HONDA ODYSSEY	14-17	KIA RIO PREMIUM	12-17	NISSAN 350Z	06-09		

*Don't see your vehicle?  
Contact us to check compatibility.*

To install this module, you only need to work with the brake light wire and turn signal wire on each side of your vehicle. Once you've converted the tail light to function as the turn signal, you'll be left with an unused bulb! When installing, you can choose to eliminate it and leave it off, or keep it blinking as a turn signal. Or, if you convert the old turn signal bulb to an LED, you can easily make it another backup light!



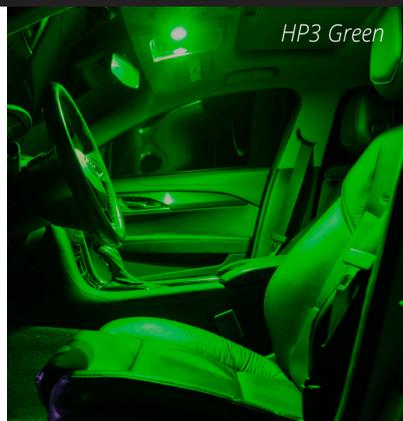
# MINI WEDGE LEDs



HP5 Cool White  
Map Light



HP5 Blue



HP3 Green



HP5 Red



## 194 SMD2

24 lumens

### COLORS



**\$4.00**



## 194 HP3

58 lumens (2x standard bulb)  
Diffusing lens for excellent output pattern.

### COLORS



**\$6.00**



## 194 HP5

92 lumens (3x standard bulb)  
High brightness with diffusing lens for excellent output.

### COLORS



**\$10.00**



## 194 HP2 CANBUS

54 lumens  
CAN-BUS technology for error-free operation in German vehicles.

### COLORS



**\$9.00**



## 74 SMD1

16 lumens



### COLORS



**\$2.50**

Although LED technology allows for extremely long bulb life, the market is flooded with cheap LED bulbs that fail prematurely due to inferior construction. The worst enemy of LEDs is excessive heat, and when bulbs are not designed properly, they do not disperse heat as well, leading to premature failure.

**Diode Dynamics** bulbs are produced with modern, computerized equipment, and only the best materials, to ensure complete uniformity, high quality, and long bulb life.

# MINI WEDGE LEDs

## DESIGNED FOR PERFORMANCE

### HP5 LED BULB COOL WHITE

High-power genuine Samsung 2323 LEDs, tested to provide perfect color uniformity.

Unique constant-current drive circuit ensures high reliability over time.



TruLux™	92 lumens
Power Consumption	1.09 watt
Typical Draw	83 mA

Molded diffusing optic provides omnidirectional output, for high performance.

Integrated copper plating dissipates heat quickly, allowing for high operating current and brightness.

Sturdy, thick-gauge wraparound contact wires ensure a reliable connection in socket.



**3 YEAR**  
WARRANTY



2018 Ford Mustang LED Interior Kit

# FESTOON LEDs

## HP6 FESTOON LED

The newest interior bulb from Diode Dynamics features non-polar design for easy installation, and a constant-current circuit for high reliability. Eight high-power LEDs are arranged in an omnidirectional pattern all the way around the bulb, with a frosted cover to provide an even light distribution and clean, factory-style appearance. For more exact fitment, we have added two sizes: the HP6 series is available in lengths of 29mm, 31mm, 36mm, 39mm, and 41mm. Available in a range of colors, these are sure to provide a more modern look in your vehicle!



### COLOR OPTIONS



#### 29MM HP6

120 lumens

**\$10.00**



#### 31MM HP6

120 lumens

**\$10.00**



#### 36MM HP6

140 lumens

**\$10.00**



#### 39MM HP6

140 lumens

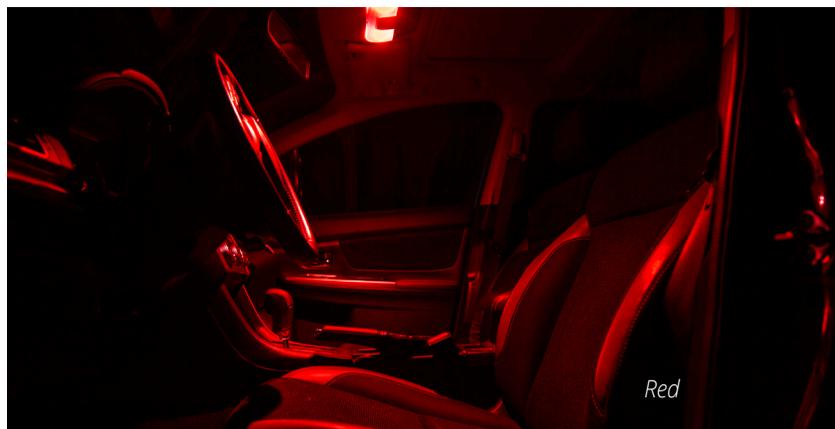
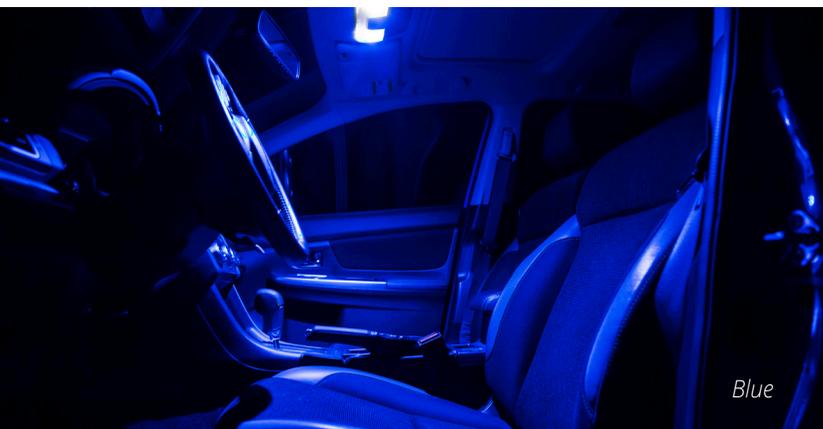
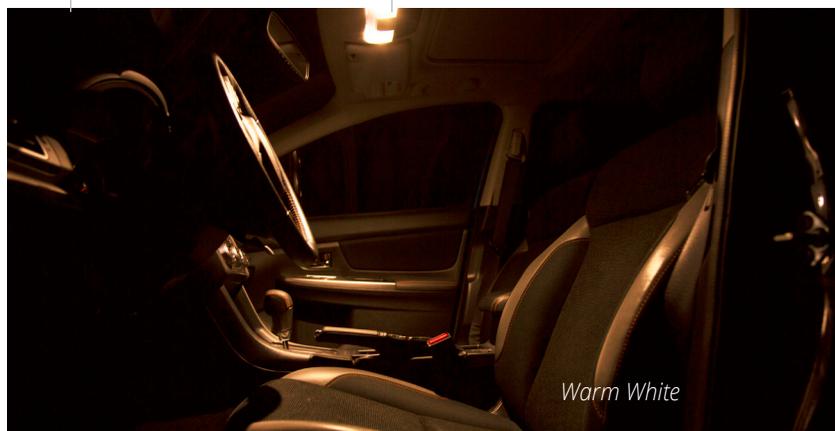
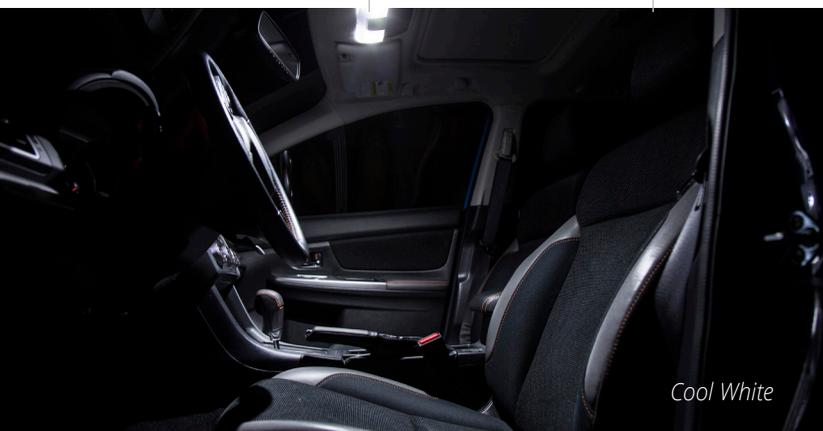
**\$10.00**



#### 41MM HP6

140 lumens

**\$10.00**



# FESTOON LEDs



STOCK



2007 Toyota FJ Cruiser SMD12 Board

## THE DIFFERENCE IS NIGHT AND DAY



### FUSE SMF1

8 lumens

**\$3.00**

COLORS



### FUSE SMF2

16 lumens

**\$5.00**

COLORS



**100% SATISFACTION  
GUARANTEE**

**3 YEAR  
WARRANTY**



### BOARD SMD12

118 lumens

COLORS



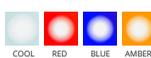
**\$14.00**



### 44MM SML8

38 lumens

COLORS



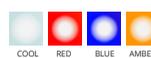
**\$5.00**



### 44MM SML9

88 lumens

COLORS



**\$14.00**



**You Tube**

See how easy it is to install our replacement LEDs with this simple installation video online!

# OEM HIDs



## D SERIES BALLAST (PAIR)

Avoid costly OEM ballasts with these quality aftermarket replacements. Compatible with most OEM HID systems.

**\$160.00/PAIR**

DD1003P

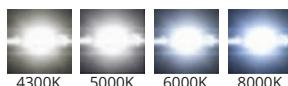


## D3S HID BULBS

OEM replacement bulbs  
Replace or upgrade your factory HID bulbs



### COLOR TEMPERATURES



**\$120.00/PAIR**

**3 YEAR  
WARRANTY**



### D1S HID BULBS

**\$80.00/PAIR**



### D2R HID BULBS

**\$40.00/PAIR**



### D2S HID BULBS

**\$40.00/PAIR**



### D4S HID BULBS

**\$60.00/PAIR**



High-intensity discharge (HID) headlamps produce light with an electric arc rather than a glowing filament as you might find in a standard halogen bulb. Halogen bulbs usually burn out after about 600 hours, while HID bulbs can last for 2,500 hours or more. HID bulbs emit various colors, or temperatures, based on the halide salts inside the bulb. At Diode Dynamics, we offer a number of different color temperatures to suit your needs.



*Infiniti Q70 Always-On™ Module  
Photographer: Trung Vu @tungasaurus\_rex  
Owner: Mark B.*

## ALWAYS-ON™ MODULES

From the factory, many new vehicles come with LED daytime running lights, which are only on during the day. Our Always-On™ Modules allow these lights to be used at all times, day or night, for improved styling and appearance.

To ensure safety on the road, these modules utilize pulse width modulation (PWM) dimming. When the headlamps are turned on, the LEDs will be run at a dimmed level, so they aren't too bright at night. Thanks to OEM connectors and custom harnesses, these modules are completely plug-and-play.

MAKE/MODEL	PRICE	SKU
INFINITI Q50	\$40	DD3037
INFINITI Q70	\$40	DD3037
SCION FR-S	\$40	DD3025
10 SERIES, MONOGRAM, AND RELEASE SERIES		
SUBARU BRZ (EU/AU/JDM)	\$60	DD3024
SUBARU BRZ (USDM)	\$60	DD3006



### STOCK DRL



### BOOMERANG ON AS DRL



*Subaru BRZ Always-On™ Module*

# SEQUENCER



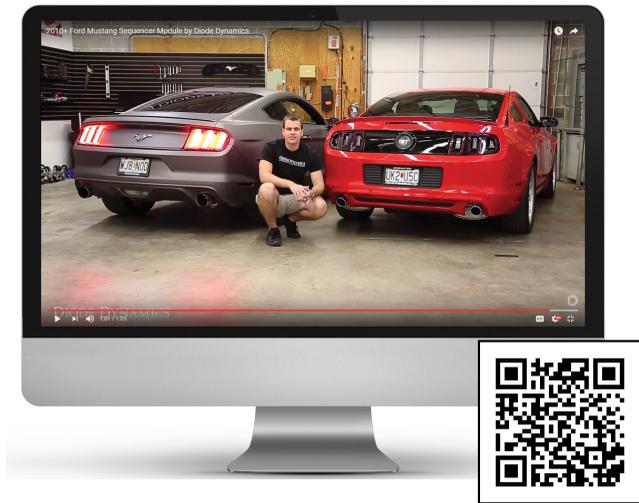
2015 Ford Mustang featuring the Sequencer



## SEQUENCER FOR 2010-2018 FORD MUSTANG

From the factory, Ford included sequential turn signals on the 2010+ Mustang. However, this pattern is only used for the turn signals! The brake and hazards still flash with a static pattern. This Sequencer Module makes the tail lights flash in a sequential pattern for all functions, including brake, hazard, and locking/unlocking the vehicle.

The module has been designed with quality components, custom-tooled OEM-grade connectors, and includes embedded circuit protection, for high reliability over time.

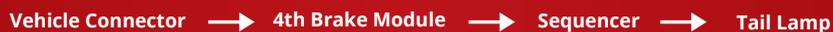


**INSTALLATION VIDEO  
NOW AVAILABLE**

**\$80.00**  
DD3016



The Sequencer and 4th Brake Light are frequently installed together to create a custom LED look. The 4th Brake Light Module must be wired to the vehicle harness, then connected to the Sequencer Module, and finally connected to the tail light.



# 4TH BRAKE MODULE



*Backup Light*



*4th Brake Light*

## 4TH BRAKE LIGHT FOR 2015-2018 FORD MUSTANG

This kit converts your factory reverse light to shine both bright white, and red. Not only do you get an upgraded backup light, you can also add a red running and brake light, for a unique, modern look on the road.

**Red Running Light:** The red light comes on at 50% brightness anytime you have your parking lights or headlights on, to serve as a rear fog lamp.

**4th Brake Light:** When you hit the brakes, the red light powers at full brightness, to serve as a supplementary brake light, for greater visibility and a unique look.

**White Reverse Light:** Anytime you're in reverse, the red shuts off completely, so your backup light can illuminate in a crisp, white color.

**\$80.00**  
DD3017

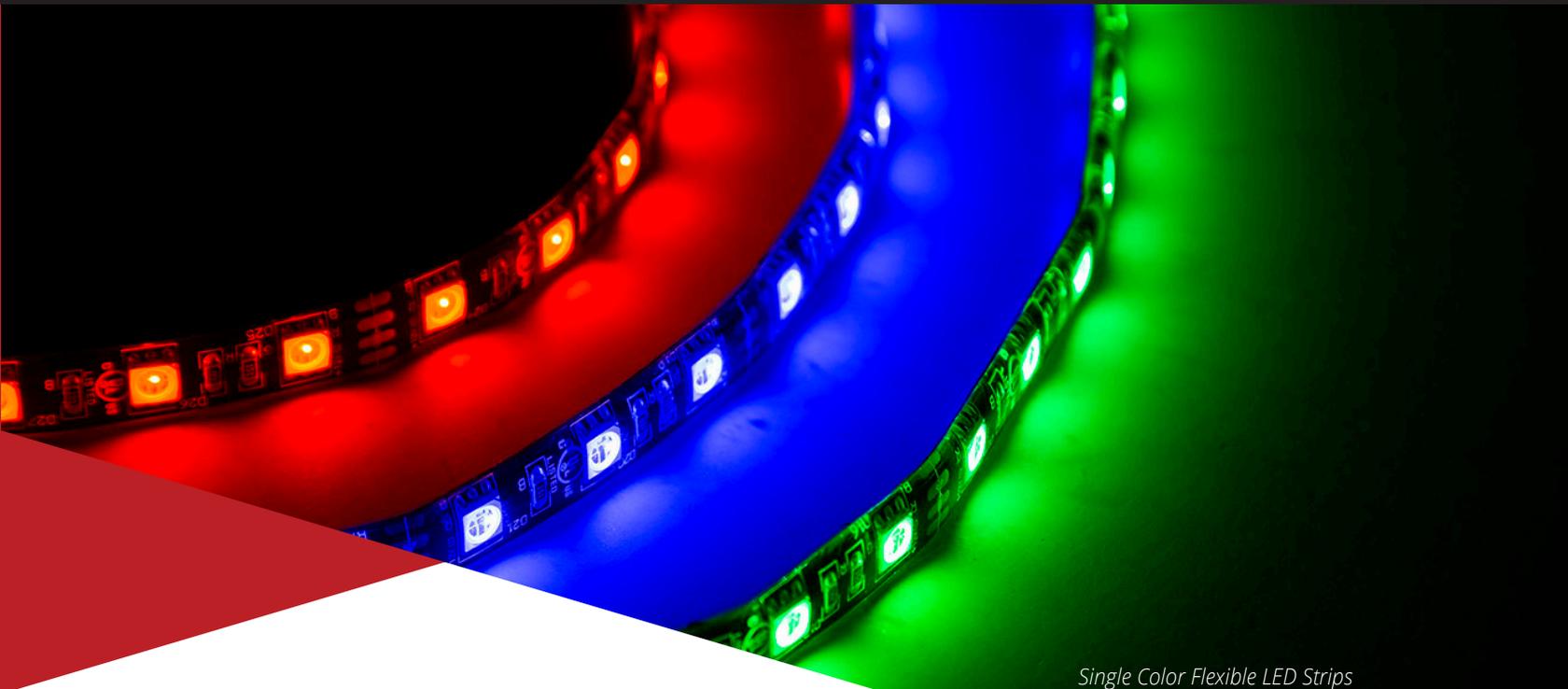


PLUG  
PLAY



*2018 Ford Mustang GT featuring the  
4th Brake Light, Sequencer, and Smoked Sidemarkers*

# LED STRIPS



Single Color Flexible LED Strips

## LED STRIPS

Set yourself apart from the crowd with these extremely versatile strips that are up to **5 times brighter** than any others on the market! With over a thousand color possibilities, you are sure to find that perfect look for your vehicle. These Multicolor LED strips are one of the most affordable and easy to install products that we offer!

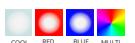
### FLEXIBLE LED STRIPS

Highly versatile, use them anywhere to add light  
 Twice as many LEDs on each strip than most other brands  
 IP67 waterproof and heat-resistant  
 Can be cut every three chips without soldering  
 3M adhesive backing included with each order

### SEMI-FLEX LED STRIPS

(MULTICOLOR ONLY)

Semi-flex technology for easy bending  
 Highly versatile, use them anywhere to add light  
 Five times higher output  
 Constant current driver  
 Can be made waterproof with heat shrink tubing

SIZE	SINGLE	MULTI	COLOR OPTIONS
50cm	\$15.00	\$15.00	 WARM WHITE COOL WHITE RED BLUE AMBER GREEN MULTI-COLOR
100cm	\$30.00	\$30.00	 COOL WHITE RED BLUE MULTI-COLOR
200cm	\$60.00	NA	 COOL WHITE RED BLUE

SIZE	PRICE
3in	\$20.00
6in	\$30.00
12in	\$60.00

**3 YEAR**  
WARRANTY



All RGB multicolor-color strips have 100cm of standard RGB wiring attached, to be connected to any RGB controller from Diode Dynamics (not included). We recommend the use of our standard DC wall adapters, along with splitters as needed, which will plug directly into an RGB controller. Weatherproofing of all terminals can be completed using our waterproofing products.

# LED STRIP KITS



## SINGLE COLOR FOOTWELL LED KIT

- Two (2) 50cm LED strips
- One (1) wiring harness
- Two (2) quick splices
- One (1) LED toggle switch
- Power splitter and adapters
- Four (4) 3M adhesive mounting pads

*\*Kit includes LEDs for front of vehicle*

**\$30.00/KIT**

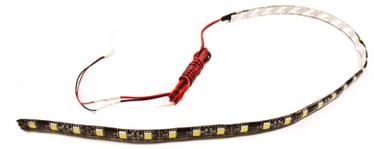


## RGB MULTICOLOR FOOTWELL LED KIT

- Two (2) 50cm RGB LED strips
- One (1) wiring harness
- Two (2) quick splices
- One (1) LED toggle switch
- Power splitter and adapters
- Four (4) 3M adhesive mounting pads

*\*Kit includes LEDs for front of vehicle*

**\$40.00/KIT**



## FLEXLIGHT TRUNK LED STRIP

- One (1) 30 SMD LED strip
- One (1) velcro strip
- Four (4) 3M adhesive pads
- Universal wedge and festoon adapters to fit any trunk light
- 300 lumens

**\$15.00**



**3 YEAR  
WARRANTY**



2015 Ford F-150 RGB Footwell Kit

# LED STRIP KITS

2015 Ford F-150 RGB Multicolor Grille LED Kit



## GRILLE LED KITS



### SINGLE COLOR GRILLE LED KIT

- 2 (two) 30-5050 SMD strips (*flexible and waterproof*)
- Universal grille wiring harness
- LED toggle switch in your choice of LED color
- Power splitter and adapters to easily wire up the strips
- 4 (four) zip-ties and 3M outdoor adhesive pads

#### COLORS



**\$30.00**



### MULTICOLOR GRILLE LED KIT

- 2 (two) 30-5050 SMD strips (*flexible and waterproof*)
- Universal grille wiring harness
- LED toggle switch in your choice of LED color
- RGB controller box with RF sensor and 4 outputs
- Remote control (choose standard or upgraded)
- 4 (four) zip-ties and 3M outdoor adhesive pads

#### COLORS



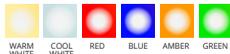
**\$40.00**  
DD0254

# LED STRIP KITS

## SINGLE COLOR ENGINE BAY LED KIT

- 2 (two) 60-5050 SMD strips (*flexible and waterproof*)
- Wiring harness with ring terminals
- 1 (one) 1m extension wire
- Door jamb switch for on/off with hood position
- 8 (eight) zip-ties
- 3M outdoor adhesive pads

### COLORS



**\$30.00**

## RGB MULTICOLOR ENGINE BAY LED KIT

- 2 (two) 30-5050 SMD strips (*flexible and waterproof*)
- Wiring harness with ring terminals
- 1 (one) 1m extension wire
- LED toggle switch
- RGB controller box
- 4 (four) 3M outdoor adhesive pads
- 4 (four) zip-ties

### COLORS



**\$40.00**  
DD0248

## SINGLE COLOR UNDERGLOW LED KIT

- Two (2) RGB 50cm LED strips
- Two (2) RGB 200cm LED strips
- Four (4) 5-meter RGB wires
- One (1) wiring harness
- Two (2) quick splices
- One (1) LED toggle switch
- Sixteen (16) zip ties

### COLORS



**\$150.00**

2018 Jeep Grand Cherokee Trackhawk RGB Grille Kit



## THOUSANDS OF COLOR POSSIBILITIES

2015 Ford Mustang RGB Multicolor Engine Bay LED Kit



# LED FLASHER MODULES



## SmartTap™ Flasher Relay

SmartTap™ is a replacement CF18 flasher relay that adds adjustable one-touch flashing. Simply tap your turn signal for a series of signal blinks. Compatible with most Lexus, Scion, Subaru, and Toyota models, the SmartTap™ also includes additional programmable settings including hazard flashing modes, arrival and departure modes, strobe effects, and many more!

Visit [diodedynamics.com](http://diodedynamics.com) to check for vehicle compatibility.

**\$60.00**  
DD4015



Check out our video on YouTube demonstrating the SmartTap™ features and functionality.



**3 YEAR**  
WARRANTY



**CF15  
FLASHER**

**\$10.00**  
DD4001



**CF14 (EP35)  
FLASHER**

**\$10.00**  
DD4002



**CF18 (LM449)  
FLASHER**

**\$15.00**  
DD4003



**EP26  
FLASHER**

**\$20.00**  
DD4004



**EP27  
FLASHER**

**\$20.00**  
DD4005



**EP28  
FLASHER**

**\$20.00**  
DD4006



**LM470  
FLASHER**

**\$30.00**  
DD4011



**LM486  
FLASHER**

**\$60.00**  
DD4012



**LH487  
FLASHER**

**\$60.00**  
DD4013



**LM526  
FLASHER**

**\$60.00**  
DD4014

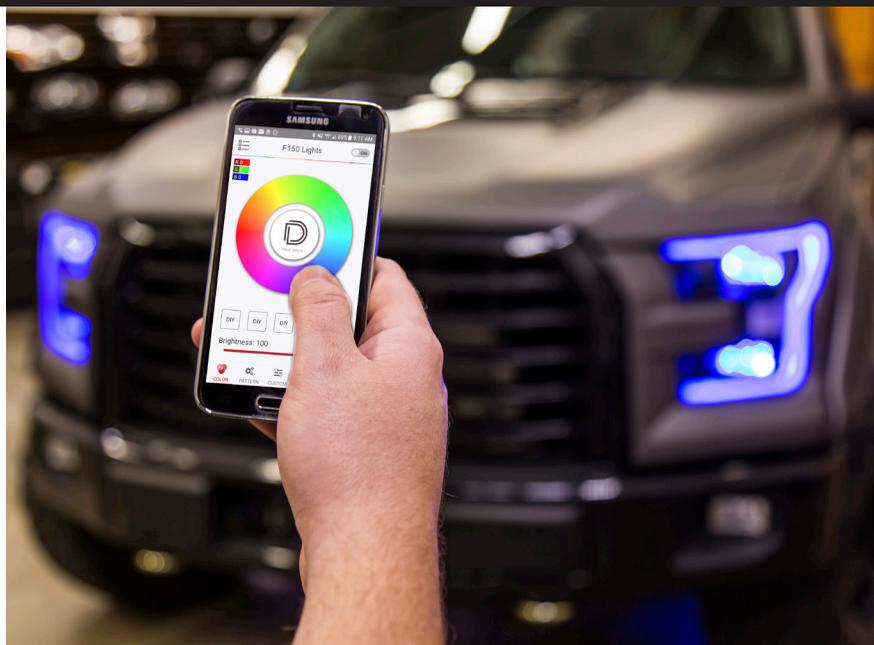
# SWITCHES AND CONTROLLERS



## BLUETOOTH RGBW CONTROLLER

- Control RGBW products right from your phone, with easy True White selection
- Simple to use, with saved color presets
- Multiple patterns, or customize your own
- Easily group multiple controllers for multi-zone control
- Fully waterproof, with standard connections
- Output up to 20 amps (5A per channel)

**\$50.00**  
DD3003



## RGBW TOUCH CONTROLLER

- One RGBW Touch Controller
- One input power wire
- One remote control

*\*For use with RGBW multicolor products*

**\$30.00**  
DD3005



## 28-KEY RF RGB CONTROLLER

- Color selection buttons
- Mode selection buttons
- Adjust speed and brightness
- Program custom colors with unique DIY settings

**\$30.00**  
DD3002



## WIFI RGB CONTROLLER

- One input power wire
- One basic wifi controller
- Four (4) output RGB wires
- One manual and CD with apps

**\$60.00**  
DD3004



## ADD-ON LED SWITCH KIT

- One (1) standard SPST LED switch
- 15' of connecting wire
- 2' ground wire
- \*For use in standard 12v applications*

**COLORS**

**\$10.00**



## LED TOGGLE SWITCH

- Standard SPST switch with LED illumination.
- Standard sized terminals with positive signal in, out, and ground connection for LED.
- \*For use in standard 12v applications*

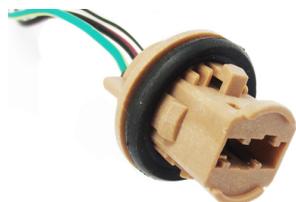
**COLORS**

**\$4.00**

# ACCESSORIES



Did you know that every Diode Dynamics team member takes a rigorous eight-week course on electrical theory, 12-volt systems, and electronics manufacturing? When you ask us a question, you can rest assured that we have a full understanding of automotive lighting and how our products will work on your vehicle!



## BULB SOCKET

(PREWIRED)

Prewired bulb socket for DIY projects

*\*Prices vary by size*

Sizes: 74 (mini wedge)	3156 (+2.00)
194/921 (wedge)	3157 (+2.00)
1156 type 1	7440 (+2.00)
1157 type 1	7443 (+2.00)
1156 type 2 (+2.00)	Festoon 31-39MM
1157 type 2 (+2.00)	(+2.00)

**\$3.00**



## FEMALE BULB

CONNECTOR (PREWIRED)

- Prewired with 6" wires  
- Great for DIY projects

*\*9006 connector shown*

Sizes: H1, H3  
9145, 9005, 9006, H10  
H8, H9, H11, 880, 881  
9004, 9007  
H13, 9008  
H3, 9003

**\$3.00**



## MALE BULB

CONNECTOR KIT

- 2 inject-molded connectors  
- 4 male spade connectors  
- 4 rubber grommets

Sizes: H13, 9008  
9005, 9006, H10  
H11, H8, H9, 881, 880

**\$3.00/KIT**



## RGBW EXTENSION WIRE

- Standard 5-pin inline connector  
- Fits all Diode Dynamics RGBW products  
- One male and one female connector

Sizes: 1 meter  
3 meters (+\$2.00)  
5 meters (+\$4.00)

**\$3.00**



## 4-WAY DC SPLITTER

- Standard 5.5mm connector  
- Fits all Diode Dynamics DC plugs  
- One female input, 4 male outputs

**\$5.00**  
WE0012



## DC EXTENSION WIRE

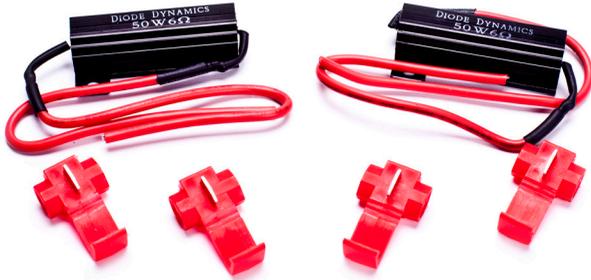
- Standard 5.5m connector  
- Compatible with all our DC products

Sizes: 1 meter  
3 meters (+\$2.00)  
5 meters (+\$4.00)

*\*Not waterproof*

**\$3.00**

2015 Ford F-150 featuring RGBW™ LED DRL Replacement Boards and RGBW™ LED Demon Eyes



## LED RESISTOR KIT

- Two (2) 50w 6ohm resistors
- Four (4) quick splice connectors

**\$10.00**

DD4025

YouTube



Questions about the installation process? Scan the QR code to the right to be linked with our online installation video.



## 20MM BREATHER PATCH

- Great for any retrofit job
- Easy to use, just stick in place!
- Available in packs of 4 or 40

**\$4.00 (4 PACK)**

DD4032



## CANBUS ANTI-FLICKER MODULE

- Eliminates flickering in even the most troublesome vehicles
- Provides smoother power for any LED or HID application

Sizes: 9145, 9012, 9005, 9006, H10, H11, H8, H9, 880, 881

**\$30.00**



## AUTOMOTIVE RELAY SOCKET

- Standard 5-pin relay socket
- Great for DIY projects
- Bosch style relay required *(not included)*

**\$4.00**

WP0034



## 12V 6A WALL ADAPTER

- For use with LED strips or other lights indoors
- Standard 5.5 connector

**\$15.00**

DD4036

# AUTHORIZED DEALER PROGRAM



## Looking to start selling performance lighting at your business?

Our Authorized Dealers choose Diode Dynamics because we offer a number of unique products that can't be found anywhere else, with a reputation for high quality, at affordable prices. Whether you operate a tint service, body shop, or custom garage, you can easily become an Authorized Dealer, and offer premium lighting to your customers, with no initial investment required.

We offer in-store displays, dedicated support, and of course, wholesale pricing to our Authorized Dealers. For online stores and retailers, we offer dropshipping services from our warehouse and easy online or phone ordering. You can start offering these items on your site today! Please visit [www.diodedynamics.com/become-dealer](http://www.diodedynamics.com/become-dealer) or call **314-205-3033** to learn how you can bring these innovative, cutting-edge products to your store.



### AUTHORIZED DEALER BANNER

- Dimensions: 6' x 2.5'
- 10oz lightweight durable vinyl
- Fade and tear-resistant
- Mounting grommets sewn in
- \* Included in first order

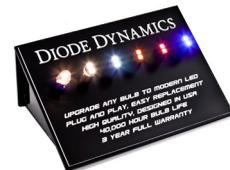
**\$50.00**



### STAGE SERIES POP DISPLAY

- Dimensions: 18" x 11.25" x 3.25"
- Holds two SS6 Stage Series 6" light bars
- Sturdy durable material
- Includes a push-button "try-me" feature

**\$200.00**

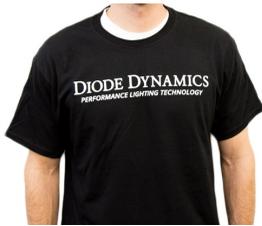


### 194 LIGHTING TEST BOX

- 7" x 4.5" x 3" display box
- Five 194-size SMD2 bulbs
- One incandescent bulb
- One 12V, 2A wall adapter

**\$50.00**

# MERCHANDISE



## DIODE DYNAMICS T-SHIRT

- 50/50 cotton/poly blend
- Double needle stitching

Available sizes: S, M, L, XL, XXL, 3XL

**\$10.00**



## SUNGLASSES

High quality polycarbonate material

**\$6.00**



## LANYARD

18" x 1" high quality lanyard

**\$3.00**



## WRIST LANYARD

5" x 1" high quality lanyard

**\$3.00**



## DECAL

- 10" x 1"
- High quality orcal vinyl



**\$1.00**



## WINDSHIELD BANNER

- 49.5" x 4.5"
- High quality orcal vinyl



**\$10.00**



## SQUARE DECAL

- 5" x 5"
- High quality orcal vinyl



**\$1.00**

# SPONSORSHIP OPPORTUNITIES



**SEMA**  
SHOW



At Diode Dynamics, we are passionate about supporting automotive enthusiasts all around the world. This includes individual builds, automotive clubs and event sponsorships.

We have a long history of supporting custom builds, and currently sponsor dozens of vehicles all around the world. Our support doesn't end with high end custom show cars, as we also sponsor over 140 online forums where we help customers and general enthusiasts learn more about Diode Dynamics LED lighting.

Share the  
**#TheDiodeDifference**

Post a **Forum Thread** reviewing the product or your experience.

Upload **Product Pictures** on the product page on our website.

Post a **Review** on our website or on Facebook.

Upload pictures to social media using **#diodedynamics**.

# LETTER FROM THE GM



2018 Diode Dynamics Staff

Thanks for taking a moment to see what we have to offer at Diode Dynamics.

I started this company in 2006, after exploring automotive lighting for my own vehicle. I found that LED lighting was a guessing game. Dozens of importers and dropshippers. No one really knew what they were selling, or even where it was made. I experienced poor quality, bad service, and fly-by-night sellers. There had to be a better way. I formed Diode Dynamics to offer a solution.

From the start, it has been our goal to provide only the highest-quality products possible. Unfortunately, with all electronics, it's often difficult for the average consumer to identify a real difference in product quality- until the low-quality item fails. Because of this, the aftermarket lighting industry is plagued with low-quality parts, made at the lowest cost possible.

To bring our customers quality products, we are manufacturing an increasing number of products in-house, which allows us to control every step of the process, and create jobs here at home. We take the time to rigorously test and check all of our products to ensure they meet our standards. We're not the lowest-cost supplier, but our pricing is competitive, and you can be assured that you will receive only the highest quality lighting products.

We engineer truly innovative lighting solutions. Whether it's HDHalo lighting technology, our SL1 LED Headlight, or LED Sidemarkers, we are constantly working to bring new ideas to market. You will find many items in our catalog that have no substitute on the market, because our own engineers have worked hard to develop the technology and products you see here.

Finally, we value convenience. We have a three-year warranty that you can actually use. Just give us a call or send an email if you have any problem at all. Often, we'll send a replacement with a return label so you don't have to wait around. You trust us with your business, so it's only fair that we trust you. We also offer a satisfaction guarantee, zero return or restocking fees, and trained, knowledgeable customer service. My greatest satisfaction comes from the happiness of our customers when they get their products installed. There's just no feeling like unwrapping and installing a new mod, then turning it on for the first time. Our goal is to make that experience easier, faster, and better for you at every step of the way, through performance lighting technology.

Paul McCain  
General Manager, Diode Dynamics



# DIODE DYNAMICS

PERFORMANCE LIGHTING TECHNOLOGY

- [www.diodedynamics.com](http://www.diodedynamics.com)
- [contact@diodedynamics.com](mailto:contact@diodedynamics.com)
- 314-205-3033 9a-5p CST
- 4200 Shoreline Dr, Earth City, MO 63045