

LASFIT Pods.... the lights you didn't know you need



LASFIT Sport Series (Amber)

LASFIT, a company that is known for replacement LED bulbs at great prices, little did I know (and maybe you), they also began producing off-road lighting. Specifically I was interested in running their 3" pod lights, which can be purchased for around \$130. LASFIT often runs sales and these can be picked up for as cheap as \$116. When you compare that to Baja Design Squadron sports, priced at \$249, the savings can really start adding up, especially if your goal is to run multiple setups. LASFIT also has an HP (high performance) lineup that is priced at around \$249.

I want to be transparent with this review. LASFIT sent me both a set of 3" Sport and HP pod lights at a discounted price, but at no point did they attempt to influence my review. Now that that is out of the way, the question is, how do these stack up against the bigger, more expensive lights on the market? I am going to break this down into a few different segments, so feel free to jump to the ones that interest you most.

What's in the Box?

Whether you choose the Sport Series or the HP Series, you will be receiving a pair of 3" LED pods, 2 pigtails, mounting brackets, and hardware (including Allen keys). The lights are constructed out of aluminum with a very nice black powder coated finish. Please note that a harness is not included and normally adds around \$15 to your cost if you do need it. The good news is that the harness includes a switch to get you up and running easily. LASFIT really has some nice packaging and it makes you feel like the quality is there.



Packaging and contents of Sport/HP Series

My initial impression of the lights is that they feel like a quality product that will stand up to the elements, they even carry a IP67 waterproof and impact rating. The lenses are nice and thick and can be swapped out between clear, amber, and yellow with the provided Allen key. One thing to note between the HP and Sport Series is that the HP comes with stainless steel hardware while the Sport has black hardware.

Specification Comparison

What's a review if we are not going to compare specs between other options on the market to get a real idea just how well these stack up to the competition? I feel a fair comparison is to focus on the entry level lineups of a few different manufacturers, but I will be throwing LASFIT'S HP series in the ring because in terms of cost, it is priced equally with the others.

Sport Series

Specifications

Input Voltage: 9-36VDC

Input Power: 18W for each pod

Current Draw: 1.3/2.7 amps @ 14.2V

Operating Temperature: -40°F ~185°F

Weight: 1.25 lbs each (without bracket)

Intrusion Ratings: IP67 Weatherproof

*Specifications listed here for each individual pod.

LENS COLOR /OPTICS	POWER (Watts)	LUX@10ft	MEASURED OUTPUT (LUMENS)	RAW OUTPUT (LUMENS)	OUTPUT COLOR
Flood White	18W	2315	1451.96	2000	5610K
Flood Yellow	18W	1311	1467.17	2000	3633K
Fog White	18W	1728	885.44	2000	6196K
Fog Yellow	18W	1304	852.52	2000	3751K
Spot White	18W	8672	1351.3	2000	6276K
Spot Yellow	18W	6700	1288.8	2000	3749K
Driving White	18W	2736	1235.7	2000	6256K
Driving Yellow	18W	2056	1233.33	2000	3772K

HP Series

Specifications

Input Voltage: 9-36VDC

Input Power: 36W for each pod

Current Draw: 1.3/2.7 amps @ 14.2V

Operating Temperature: -40°F ~185°F

Weight: 1.25 lbs each (without bracket)


Intrusion Ratings: IP67 Weatherproof

*Specifications listed here are for each individual pod.

LENS COLOR /OPTICS	POWER (Watts)	LUX@10ft	MEASURED OUTPUT (LUMENS)	RAW OUTPUT (LUMENS)	OUTPUT COLOR
Flood White	36W	2636	2605.71	4000	5610K
Flood Yellow	36W	1632	2603.54	4000	3633K
Fog White	36W	2049	1319.02	4000	6196K
Fog Yellow	36W	1625	1317.68	4000	3751K
Spot White	36W	9093	2038.79	4000	6276K
Spot Yellow	36W	7021	2036.27	4000	3749K
Driving White	36W	3057	1981.44	4000	6256K
Driving Yellow	36W	2377	1978.37	4000	3772K

Specifications

Product Type	Squadron Sport LED Light Pod Pair w/ Wiring Harness
Description	Spot, Amber, Pair
Beam Pattern	Spot
Lens Color	Amber
Lighting Modes	Beam
Light Quantity	2
Lighting Type	Forward Projecting
Lighting Technology	LED
Lighting Quantity	4
	1973 / (5.3, 82?) / 413
Brightness (Lumens)	3,150
Wattage (W)	26
Amperage Rating (A)	2
Average Rated Life (hr.)	49,930
Housing Color	Black
Housing Material	Powder Coated Cast Aluminum
Lens Material	Hardcoated Polycarbonate
Bezel Material	Billet Machined Aluminum
Mounting Hardware Included	Yes
Mounting Hardware Material	Stainless Steel
Wiring Harness Included	Yes
Overvoltage Protection	Built-In



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*MSRP. Taxes and shipping fees apply.

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AVAILABLE IN STORES

FEATURES	PRODUCT COMES WITH	SPECIFICATIONS	PRODUCT ATTACHMENTS
Optics	Watts	Amp Draw	Voltage Max
SPOT	30	2.1A	38
			*Raw Lumens
			Lux @ 10m
			Beam Distance @1Lux
			Beam Distance @.25Lux
			Horizant Beam Angle
			3188
			721.07
			288.7
			537.4
			16.5

From a raw lumens standpoint we can see that the BD squadrons and the Rigid D Series Pro are nearly equal in output and beat out the LASFIT sports by about 1150 lumens. Stepping up to the HP series, the output is 850 lumens more for the same price. The BD and Rigid's have limited lifetime warranties, while LASFIT offers a 3 year hassle free warranty.

Installation

Install is pretty straight forward. Where you choose to mount the lights and route your wires is really a personal decision. Getting the switch fed through the firewall is the most difficult part (a non issue for raptor owners). The switch itself uses double sided tape and can be mounted on your dash. The harness is a simple plug and play into the lights. The connections seem high quality and should keep dust and moisture out. The harness includes an inline fuse, so they even have you covered there.

Required tools

- 14mm wrench
- Adjustable wrench (for battery terminal nuts)
- Allen key (provided)
- Zip ties
- Rubbing alcohol or similar

Step 1

Install the universal mounting bracket to the pod itself using the supplied hardware and Allen key (I recommend you wait to fully tighten them before properly aiming them).



Universal mounting brackets installed

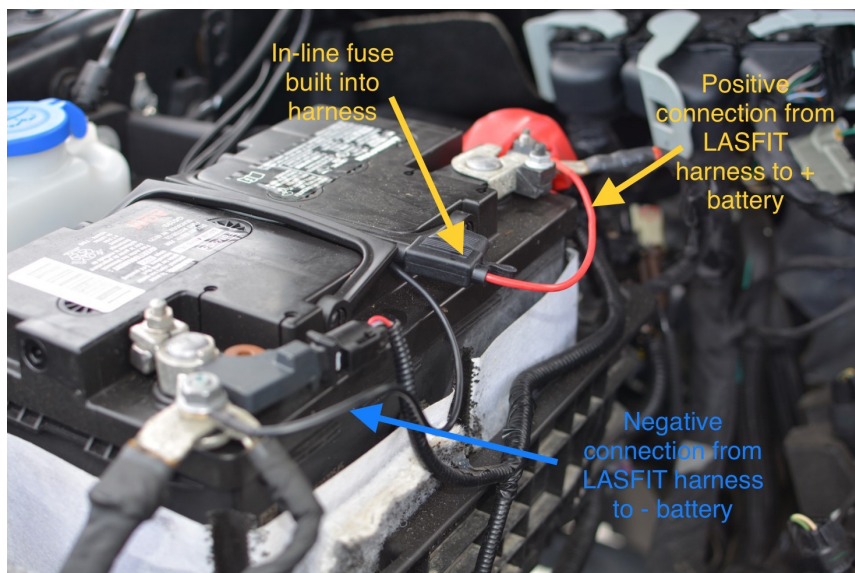
Step 2

Mount the light to your bracket of choice (A-pillar, fog, grill, etc.) using the supplied hardware and 14mm wrench (a ratcheting wrench makes life a little easier) . I chose to mount mine to my pre-installed A-Pillar brackets (sold separately).



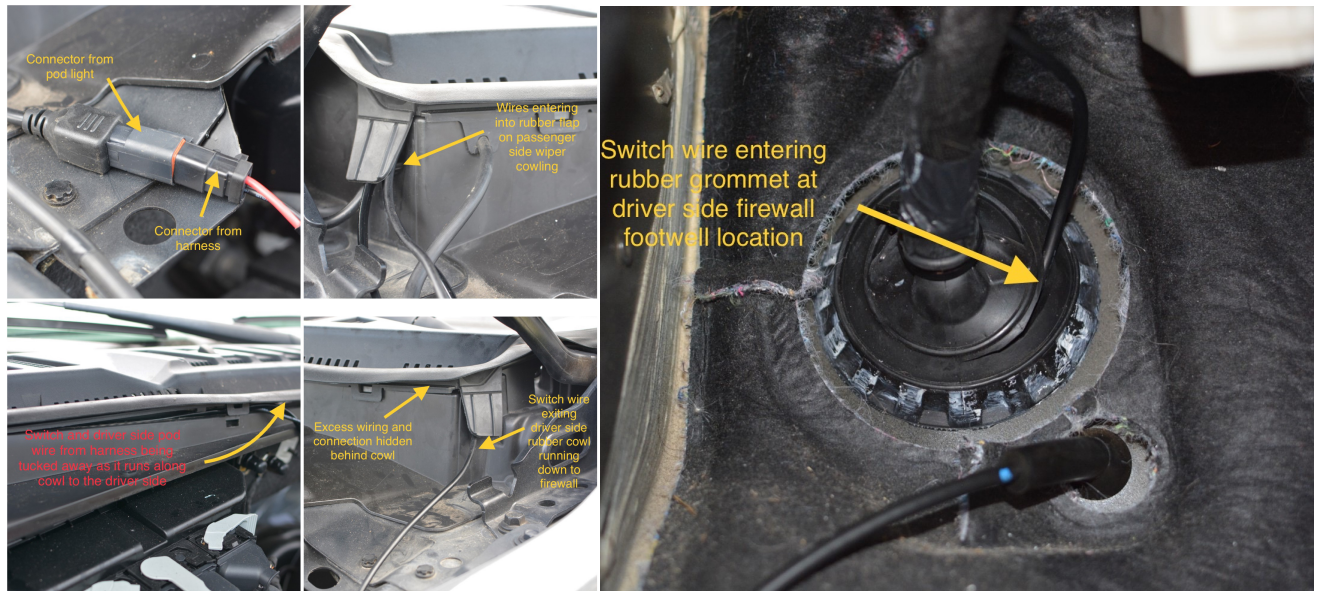
Step 3

Connect the negative and then positive leads of the harness to the battery.



Step 4

Run your wire connections to each pod light and plug them into the pod. For a clean look, run the wiring up to the wiper cowl and into the rubber flap pictured and used zip ties to secure it in other locations. Excess wiring on the passenger side was bundled and hidden behind the firewall shielding. Run the switch wire and driver side pod wire across the cowl from the passenger side. The switch wire was then ran into the firewall (the most difficult part). Depending on how and where you run your switch, you may find the wire length a little too short.



Step 5

Decide where you want to mount the switch and clean the area well (I recommend rubbing alcohol). Peel the backing and press adhesive pad firmly for a few seconds to ensure a good bond.



Single switch mounted to dash

Dual switch setup if running 2 sets of LASFIT Pods

Step 6

Turn on your ignition, push your switch, and let there be light!



Real World Brightness

We can talk lumens all day but the fact is most people just want to see where the rubber meets the road, or in this case, the light. You have to remember that all of these companies offer different light patterns. LASFIT offers a flood, fog, spot, and driving pattern. Each pattern has distinct characteristics in how the light is distributed. In the photos to follow you will see both a spot pattern produced by the HP series and a flood pattern being produced by the sport series. For the sake of testing, these will both be mounted at the A-Pillar. Being strategic with your light setup also helps put the light where you need it most for your own individual application. For example, by choosing flood and spot, you gain light both close range and long distance.



LASFIT HP Spot pattern mounted at A-pillars



LASFIT Sport Series flood pattern at A-pillar



Summary

In my opinion, the value that LASFIT has packed into their Sport and HP series is really hard to beat. After seeing both the quality and output that these produce, I am sold on these possibly being the best “bang for your buck” light on the market. Little improvements could be made, such as a longer switch wire and possibly star washers to hold the lights a little tighter to the brackets, especially for heavy off-road abuse. Outside of that, these are an incredible value. I encourage you to visit www.lasfit.com. There you will find more detailed information and be able to pick up these awesome lights for your current or next build.

PROS

Cost

High quality construction

Very good light output

CONS

Switch wire could be longer

Shorter warranty than the competition

A Few Bonus Pictures below (Because Who Doesn't Love Those)





