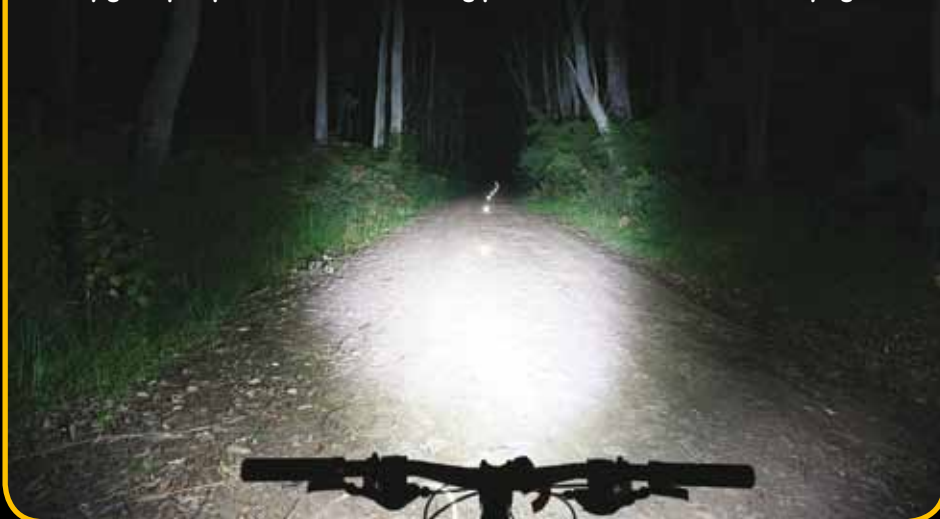


# NiteFlux PMini 12 Wireless

\$500

Distributed by NiteFlux (08) 8463 1382 / [www.niteflux.com](http://www.niteflux.com)

Beyond the strong central beam, the light diffuses out to the sides offering really good peripheral vision—stunning performance from such a tiny light.



## Specifications

Price	\$500
LEDs	Mini Triple LED (12W)
Claimed Hi-Beam Output	1,000 Lumens
Battery Type	2,600mAh Li-ion
Charge Time	4 hours
Light Unit Weight	54g (helmet mounted)
Battery Weight	146g
Total System Weight	220g
Hi-Beam Burntime (as tested)	1:43
Longest Burntime (claimed)	18 hours
Mounting Types	Helmet & handlebar

When I saw the claimed 1,000 lumen rating on this light, I couldn't help being sceptical. How could something this small possibly produce anywhere near 1,000 lumens? I was set to be surprised. Not only did it produce enough light to put my doubts to rest, but it also had one of the best all-round beam patterns in this review.

The PMini is a brand new model from Australian brand NiteFlux and it features one of the smallest light heads that I've ever seen. With three tiny LEDs inside, the head weighs just 34g and mounts directly to the handlebar with a Velcro strap. It looks like one of those compact commuter LEDs that are just there to be seen, not to see with—until you switch it on that is... The simplistic handlebar mount means there is no side-to-side tilt adjustment, but this isn't a major issue, as the light spread is broad enough to cover most minor variations in handlebar sweep.

More than anything, the compact nature of the PMini points towards it being a great helmet light. Snap the PMini onto

the 20g adaptor bracket and you have a 54g helmet light. The compact size of the 146g battery nicely complements the light head. Add the two together and you have a 220g system that can be mounted entirely to your helmet. As with the Lupine Piko, the total weight may sound prohibitive but together they offset each other—the light at the front acts as a counterweight for the battery at the back. While the weight is noticeable, it never caused my helmet to creep forward like a heavier light unit can.

As you'd expect, the PMini kit also comes with an extension cord that lets you split it up and put the compact battery in your pocket. In this format I couldn't feel the 54g light unit on my head.

Regardless of the format you choose, there's another handy feature that makes this light even easier to use. The PMini and a number of other NiteFlux models are offered with a wireless remote switch. This small rubberised button can be strapped right next to your handlebar grip and allows you to cycle through the power modes or switch the light on

and off—no more groping around for a helmet mounted switch.

In terms of raw light output, the PMini produces a really bright and broad central beam that diffuses away nicely around the fringes. What really took me was the effective spill at the sides—it almost ranks as a flood beam in this regard and provides a great sense of balance on the trail. If there's one shortfall with this light it would have to be the burntime. We got just over 1:40 on high beam—you can't get 1,000 lumens of trail scorching light without burning a few bikkies. Thankfully the lower beam options will draw the run time out substantially while still producing some very useable light. The 500 lumen setting goes for over three hours and offers plenty of illumination for climbing and general fire trail riding.

In stock form, the PMini offers five light levels plus a flashing mode. From there you can pick and choose the modes that you want to keep and delete the rest (delete too many and you can always return to the default starting point). I liked running it as a two mode 1,000/500 lumen system for off-road use. The set-up process is quite easy, so play around and choose a light combination that suits your preferences.

Despite the tiny size and high power output, I never had any overheating problems with the PMini. NiteFlux has equipped this light with a temperature management system that throttles the light back if it gets too hot.

Overall I was very impressed with this new offering from NiteFlux. Aside from working as a great helmet light for mountain biking, it'll work equally well as a compact commuter light on your roadie.

