

Daytime Rear Blinker – Are a Very Important to riding safer.

Considerations when selecting the best light for you. There are many suppliers in the market.



Brightness – measured in Lumens. Many rear blinkers are designed for night time use and are NOT effective during daylight hours. To be effective for daytime use, the blinker MUST be designed with greater Lumen output and pulse pattern. 150 lumens max output is recommended. There are however rear blinkers with ~70 lumens that have been found to be effective.

One way to check if your current rear blinker is effective. With the light in max blinker mode, hold your light at arms length and view. If you can view without discomfort, it is not going to be effective at getting a driver's attention at 1km.

Mounting Hardware

- **Location** - Most will mount the light on their seat post, but some will want to mount on the seat stays, saddle bag, or helmet. Note the hardware to make sure it will work for your application. Some lights have alternative hardware available separately.
- **Angular Adjustment of the Light** – Is Extremely Important for maximum effectiveness and safety. The mounting hardware should provide for angular adjustment of the light so that it is parallel to the ground. Otherwise, you are either flashing toward the ground, into the sky, or worse, into your fellow cyclist's eyes.

Run Time - make sure the light has enough run time to last your whole ride. Many riders carry a second blinker light as back up.

Warranty – Please see each manufacturer’s web site for details. It is recommended that you save the sales receipt in case you have an issue with the light.

Several select Daytime Rear blinkers

Cygolite - Hotshot Pro 150 - ~\$32

<https://cygolite.com/product/hotshot-pro-150-usb/>



- 150 lumens flashing
- Standard Mounting Hardware works well with round seat posts or seat stays. Does not work well with aero seat posts.
- 2 ~ 210 hours run time
- 2 button design - 6 light modes
- fully adjust the tempo of each flash mode to maximize motorist awareness
- Several local riders have these lights and have not had any issues.
- Warranty – 1 year limited

Bontrager Flare R (\$60) – Available from TREK store

https://www.trekbikes.com/us/en_US/equipment/cycling-accessories/bike-lights/bontrager-flare-r-rear-bike-light/p/13202/



- 65-lumen daytime flash mode - Visible from two kilometers

- The tools-free clip attaches quickly and securely to seatposts - with 16 degree offset compensates for seatpost angle. Alternative (round) seat post mounting hardware available.
- Li-Ion battery charges in 2 1/2 hours
- In night flash mode, it lasts up to 23 hours.
- Unconditional Bontrager Guarantee return - within 30 days for an exchange or refund.

NiteRider Sentinel 150 (\$35)

<https://www.niterider.com/product/sentinel-150/>



- 150 lumens
- Standard mounting hardware designed for round & aero seat posts and has angular adjustment. Several alternative mounts are available for seat stays, helmets, large aero seat posts, etc. Note - Some riders have experienced issues with the tab – it needs to be double checked to make sure the light is secure and the light will not bump the frame dislodging the light.
- Three powerful LEDs
- 5 modes
- USB rechargeable.
- Battery Life - There have been some issues noted with the sister light, the NR Solas 150. No issues have been noted with the Sentinel.
- The Laser Lanes mode is designed to project ultra-bright laser lines on the ground, giving the rider their own virtual lane, further increasing visibility. Many opt not to use, which extends the rear blinker light time.
- Dust and water resistant

- Warranty - NiteRider's lifetime warranty that covers any defects in material and workmanship, mechanical components (housings, covers, mounts and fasteners) and LEDs.

Niteflux Redzone 8 (\$150)

<http://www.niteflux.com/buy/red-zone-8/>



- 400 Lumens (max)
- 300 degrees viewing angle
- Very simple and very secure seat-post mounting. strong carbon fibre body
- water proof and chemical resistant rubber ends.
- Integrated Li-Ion battery
- USB rechargeable
- Wide range of power and flashing options, user selectable. Something for everyone and yet still very simple to use when riding.
- Waterproof and chemical resistant.
- Extended warranty options available up to 3 years.

Lezyne Strip Drive Pro 300 (\$50) & Lezyne Strip Drive 150 (\$29)

<http://www.lezyne.com/product-led-sport-strippro.php#.Wm3-EkyZPCQ>



- Five LEDs delivering up to 300 lumens.
- Aero and round post compatible design. **No angular adjustment.**
- Mode Memory function returns to selected mode after turning off.
- Light and durable co-molded lens/body construction
- Waterproof

- Nine combined lumen and flash modes
- Enhanced lens with built-in side visibility.
- Integrated cable-free recharging USB stick.
- Red or Black Colors
- Warranty – 6 month limited

Knog Blinder Road R70 (\$52)

<https://www.knog.com.au/blinder-road-r70.html>



- 70 lumens - 1 Kilometer range
- Integrated universal mount works with round and small aero seat posts. Alternative length straps available. **No angular adjustment.**
- five modes (two steady, three flashing)
- Run time is up to 20 hours on eco-flash mode
- Charging is via a built-in USB plug

- Warranty – 2 year limited

Specialized Flux Expert Taillight (\$100)

<https://www.specialized.com/us/en/flux-expert-tail-light/p/131113>



- 110 lumen output
- Mounting Hardware for different seat posts sold separately. **No angular adjustment**
- three modes—flash, surge, and steady
- Charges in 90 minutes
- Built-in USB stick
- Visibility is a full kilometer in midday
- Ambient light sensor boosts light output by 50% while in Flash Mode during daytime running, for increased visibility.
- Integrated, flip-out USB tab to charge rechargeable Li-Ion battery in any USB port in under 90 minutes.