Bontrager Ion Elite R and Flare R City

About this product
The daytime flash modes are the brightest, so are best reserved for day use. Night and steady flash modes are designed for use in the dark. These lights also feature an ambient light sensor that can automatically select the best flash mode for your environment.

The Bontrager Ion Elite R is a non-wireless bicycle headlight. It indicates light is rechargeable. The Bontrager Flare R City is a daylight-visible tail light that provides 35 lumens of broad, balanced light to be seen in the city, day or night.

WARNING: HEADLIGHT
The light may be hot and could cause a burn or damage material it may contact. Do not activate turn on light in enclosed area.

IMPORTANT: Check your local lighting laws. Flashing lights and full brightness may not be allowed in all locations. Ion Elite R and Flare R City do not conform to the German road traffic regulation StVZO.

Specifications
Ion Elite R: 500mmAh 3.7V, 18.5Wh, 12-lumen battery
Flare R City: 3.7Vdc, 250mWh, 0.9Wh

For more information
If you need help not offered by this manual, talk to your Bontrager retailer or visit bontrager.com.

Table 1
| Ion Elite R | Flare R City
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Lumen Output (peak)</td>
<td>26</td>
</tr>
<tr>
<td>Auto Flash</td>
<td>3</td>
</tr>
<tr>
<td>Auto Steady</td>
<td>1.5</td>
</tr>
<tr>
<td>Night</td>
<td>20</td>
</tr>
<tr>
<td>Day</td>
<td>3</td>
</tr>
<tr>
<td>Night</td>
<td>2</td>
</tr>
<tr>
<td>Day</td>
<td>20</td>
</tr>
</tbody>
</table>

Table 2

<table>
<thead>
<tr>
<th>Flare R City mode change</th>
<th>Lumen Output (peak)</th>
<th>Runtime (hours)</th>
<th>Auto Brightness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto flash</td>
<td>Day: 35</td>
<td>Night: 35</td>
<td>Yes</td>
</tr>
<tr>
<td>Auto steady</td>
<td>Day: 20</td>
<td>Night: 2</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Table 3

<table>
<thead>
<tr>
<th>Ion Elite R battery charging and care</th>
<th>Power Button/Status LED Color</th>
<th>Charge, %</th>
<th>Charge Duration (hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red Flash</td>
<td>5% – 75%</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Green Flash</td>
<td>75% – 95%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red Steady</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flare R City battery status feature</td>
<td>Red steady</td>
<td>5% to 25%</td>
<td>4</td>
</tr>
<tr>
<td>Red flashing</td>
<td>Less than 5%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Low battery feature Flare R City
The light automatically changes to low battery flash mode when the battery supply goes below 5%. This extends the light output for an additional hour.

Caring for the battery
Store the light at room temperature in a dry place. Avoid moisture, or extreme hot or cold. Store the light in the charged condition. Avoid ‘deep discharge’. Battery life will decrease if the battery is stored in a fully discharged condition.

Over time, the run time of the battery will diminish. Expect about 50% full charges, depending on care. After a full life, the battery will continue to charge but with a lower run time. When the run time is unsatisfactory, do not open the case of the light or inactivate; please recycle.

Traveling with the battery
When traveling by air, place the light, plus the Li-ion battery(s) in your carry-on.

Recycling
Please recycle the light with battery. In the US, you can find out where to do this at www.call2recycle.org.

This symbol on the product(s) and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste. For proper treatment, recovery and recycling, outside the US, please take this product(s) to designated collection points. Alternatively, in some countries you may be able to return your products to your local retailer upon purchase of an equivalent new product.

Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated collection point. Penalties may be applicable for incorrect disposal of waste electronic products in accordance with your national legislation.

Basic operation Ion Elite R (see Table 1)
To turn on, double click (similar to a computer mouse) the power button. To change mode, quick-press the power button.

NOTE: When turned on, the light will return to the last active mode.

Table 1

| Ion Elite R | Flare R City
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Power/Status LED Button</td>
<td>Power/Status LED Button</td>
</tr>
<tr>
<td>High 1000</td>
<td>1.5</td>
</tr>
<tr>
<td>Medium 650</td>
<td>3</td>
</tr>
<tr>
<td>Low 350</td>
<td>6</td>
</tr>
<tr>
<td>Night Flash 200</td>
<td>26</td>
</tr>
<tr>
<td>Day Flash 300</td>
<td>22</td>
</tr>
<tr>
<td>Auto Brightness</td>
<td>Auto Brightness</td>
</tr>
<tr>
<td>Grean Steady</td>
<td>Red Flash</td>
</tr>
<tr>
<td>25% – 100%</td>
<td>Less than 5%</td>
</tr>
<tr>
<td>5% – 25%</td>
<td></td>
</tr>
</tbody>
</table>

Basic operation Flare R City (see Table 2)
To power on, press the power button.

The light will be in the output mode last used. To power off, press and hold the power button until the light turns off.

Auto brightness
To disable or enable auto brightness, press and hold the power button 8 seconds. The lights automatically adjust their brightness for maximum visibility and battery conservation. The Flare R City gets brighter as ambient light increases (day), and dimmer as ambient light decreases (night).

NOTE: When auto brightness is enabled, the Flare R City modes are auto flash, or auto steady.

Battery charging and care (see Table 3)
Both the Ion Elite R and Flare R City are fully charged in the packaging, but we recommend that you charge them before first use.

To charge the battery
IMPORTANT: For best results, charge at room temperature in a dry place. Use a quality CE or UL approved USB charger rated for 500 mA or greater.

1. Open the USB port cover.
2. Plug the Micro charger cable into the USB port on the light.
3. Slide the light onto mount until it locks in place.

IMPORTANT: Ensure the USB cover is latched before riding in rain or in wet conditions. If the USB cover is not closed, damage to the light may occur.

WARNING: A bicycle without correct lights and reflectors might be difficult for other people to see, and you might not be able to see. If you cannot see, or other people cannot see you, you could have an accident. Make sure your lights are operating correctly, and that batteries are charged.

Ion Elite R installation and special features
1. Loosen knobs and open.
2. Adjust for bar size: 31.8mm or 35mm (default is 31.8mm).
3. Close and tighten knob.
4. Slide light onto mount until it locks in place.

NOTE: Use provided shim to fit 25.4 bars.

Removal
5. Press down on the release tab.
6. Slide light forward to remove.

Low battery feature
When the battery charge drops below 5%, the light automatically adjusts the output brightness to 50 lumens. This extends the light output for an additional 30 minutes.

Enable/Disable Trail Configuration
You can disable the flash modes and enable steady modes while riding in the dark.

To enable Trail Configuration mode, press and hold the power button for 8 seconds.

To disable, repeat the process.

Reset
To reset the light to factory default settings, with the light on, press and hold the power button for 15 seconds. The main LED will flash once at 8 seconds, and again at 15 seconds. Release the button after the second flash.
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Fyshwick (ACT)  
2609 AU  
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Ion Elite R

This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions: (1)  
this device may not cause harmful interference, and (2)  
this device must accept any interference received,  
including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device,  
pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against  
harmful interference in a residential installation. This equipment generates uses and can radiate radio  
frequency energy and, if not installed and used in accordance with the instructions, may cause harmful  
interference to radio communications. However, there is no guarantee that interference will not occur in a  
particular installation. This product may cause interference to radio equipment and should not be installed near maritime safety  
communications equipment or other critical navigation or communication equipment operating between  
0.15-30 MHz.

If this equipment does cause harmful interference to radio or television reception, which can be determined  
by turning the equipment off and on, the user is encouraged to try to correct the interference by one or  
more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or experienced radio / TV technician for help.

NOTES: TRED BICYCLE CORPORATION IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED  
BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY  
APPROVED BY TRED BICYCLE CORPORATION OF THIS DEVICE COULD VOID THE USER'S AUTHORITY TO  
OPERATE THE DEVICE. 

European Union Compliance

Trek Bicycle Corporation and Bontrager hereby declare that the lighting device(s) identified as ‘Ion Elite R’  
and ‘Flare R City’ are in compliance with the following European Directives:

Ion Elite R  
EMC Directive 2014/30/EU  
Low Voltage Directive 2014/35/EU  
RoHS Directive 2011/65/EU
Flare R City  
EMC Directive 2014/30/EU  
RoHS Directive 2011/65/EU

The full text of the EU declaration of conformity is available from your dealer, or at the following internet address:
http://www.trekbikes.com/support
The Ion Elite R and the Flare R City do not conform to the German StVZO regulations.