

NEXT-GENERATION

BARROW LIGHT V2

NZ APPROVED
Waka Kotahi M23 Appendix F

by **TranEx**
ROADS & TRAFFIC



THE MOST RELIABLE AND TRUSTED PORTABLE TRAFFIC LIGHT JUST GOT BETTER!!

- Over 1000 sets are currently in use throughout Australia
- Meets Australian Standards AS1742.14 for Traffic Control Devices
- Certified for use on public roads
- Regular and Smart versions available
- Efficient. Reliable. Smart.

BarrowLIGHT®

TranEx
ROADS & TRAFFIC

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BARROW LIGHT V2

ENHANCED SECURITY

- Traffic lights connected via radio link
- Alerts displayed on remote control
- Built-in motion sensor
- High-visibility LEDs
- Secure battery compartment
- Enhanced security & proven strength
- Telescopic mast with restraint system

Countdown Timer Displays Time Remaining

EASY TO USE

- Long-range universal remote control
 - System with up to 4 lights
 - Simple, fast setup
 - Easy Programming
 - Set and forget

ERGONOMIC

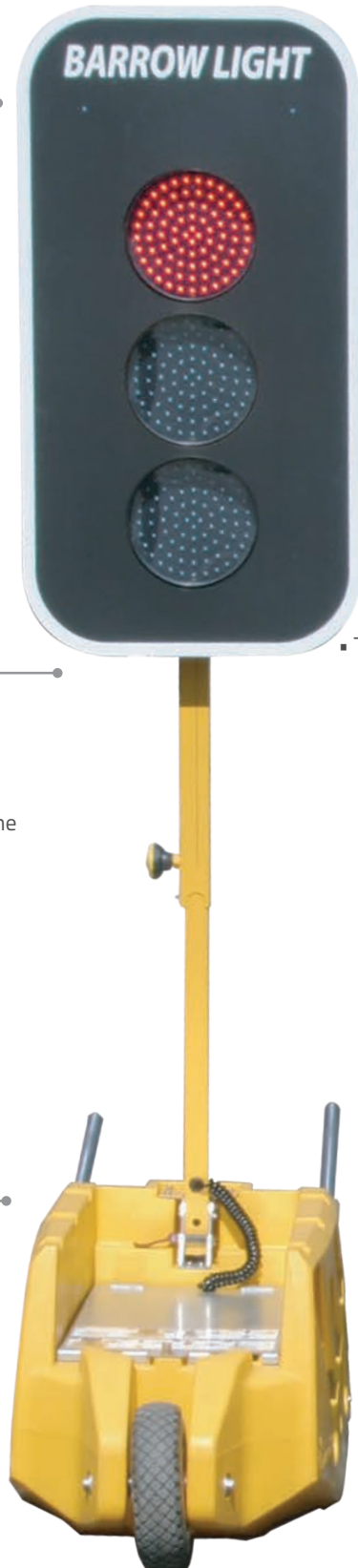
- Two transportation modes: wheelbarrow/dolly mode
 - Secure system for unfolding/folding the light-head
 - Retractable carrying arms
 - Transportation handles
 - Fully protected when folded
 - Folding Signboard

PROVEN STRENGTH

- Steel telescopic lifting system, stainless steel carrying arms
- High-density rotationally moulded polyethylene frame
- Highly shock-resistant ABS light-head
- Optics protected by polycarbonate plate
- Puncture-proof front and rear wheels

OPTIMISED STORAGE

- Foldable light-head
- Stacking lights
- Space saving on vehicles
- Prevents damage in transit
- Light body interlocks



**Smart V2 Only
Coming soon**

VEHICLE-ACTUATED

- Smart vehicle flow management available on the V2 Smart version
 - Type 2 Requirement

“ The Barrow Lights are fantastic! We love them. They save our crew hours in set up, and because they are so simple to use, all our crew can operate them easily ”

- Chris Hammond, Corangamite Shire Council

Why the Barrow LIGHT V2?

Time Saving

With the Barrow Light V2 you can easily deploy, setup and manage your traffic lights, so you can complete that job on time.

Safety

Remove workers directly in an area of risk, Barrow Light V2 can be operated at a safe distance or programed to operate automatically.

Unparalleled

No other product like it on the Australian market. With unique ergonomic and practical features, Barrow Light V2 gives you more options.

Price

Compared to other options, Barrow Light V2 is good value-for-money and is a direct cost saving to you.



Set Contains:

- | | |
|---------------------|-----------------------------------|
| ▪ Two Barrow Lights | ✓ Units are fully interchangeable |
| ▪ Remote | ✓ No maintenance costs |
| ▪ Batteries | ✓ No need to dismantle |
| ▪ Visors | ✓ Strong & Durable |
| ▪ Target Boards | ✓ Long battery life |
| | ✓ Stable & secure |
| | ✓ Anyone can use |
| | ✓ Easy to transport |



Portable, Reliable, Efficient

Optional Accessories

Battery Charger	17-WBBC
Bar Lock/Carry Handle	17-BARLOCK
Solar Panel	17-WBTLSP
Extra DC Battery	17-WBBAT
Additional Remote	17-WBTL-V2-REM

This product conforms to AS1742.3:2009

WE CAN SHIP AUSTRALIA WIDE AND TO NEW ZEALAND.

Barrow Light 2 Year Warranty



2 VERSIONS AVAILABLE

BARROW LIGHT V2



BARROW LIGHT V2 SMART



Integrated radar control



LONG-DISTANCE TRAFFIC LIGHT CONTROL

The new remote control design now allows workers to control traffic lights up to 800m away and will respond quickly when needed.

Alerts are automatically displayed on the remote control to inform workers of any anomalies and to allow them to check on the status of the traffic lights. Programming can be modified remotely.

		V2	V2 Smart
PROGRAMMING MODES	STANDARD	✓	✓
	FLASHING YELLOW	✓	✓
	PLANT CROSSING	✓	✓
	MANUAL	✓	✓
	MANUAL ALTERNATING	✓	✓
	VEHICLE-ACTUATED	✗	✓
	GREEN ON REQUEST	✗	✓
CONNECTIVITY	TRAFFIC LIGHTS CONNECTED VIA RADIO LINK	✓	✓
OTHER FUNCTIONS	COUNTDOWN TIMER DISPLAYS TIME REMAINING	✓	✓
	REMOTE TRAFFIC LIGHT MOVEMENT ALERT	✓	✓
	STATUS OF REMOTE TRAFFIC LIGHT	✓	✓
	VEHICLE DETECTION RADAR	✗	✓
TRAFFIC LIGHT CONTROL	LONG-RANGE REMOTE CONTROL	✓	✓
DESIGN	FOLDING LIGHT-HEAD	✓	✓
	STACKING DESIGN	✓	✓
	WEIGHT (EXCLUDING BATTERY)		41 kg
	DIMENSIONS (LIGHT FOLDED)		L 1195 x W 537 x H 475 mm
OPTIONAL ACCESSORIES	BATTERY CHARGER - 17-WBBC	✓	✓
	BAR LOCK/CARRY HANDLE - 17-BARLOCK	✓	✓
	SOLAR PANEL - 17-WBTLSP	✓	✓
	EXTRA DC BATTERY - 17-WBBAT	✓	✓
	ADDITIONAL REMOTE - 17-WBTL-V2-REM	✓	✓

Ask us about these features today

The Barrow Light® has proven to be truly revolutionary and site changing for Eastern Tree Services (ETS).

ETS now have five sets of Barrow Lights, simplifying their operation and reducing their traffic control risk. Traffic control costs have been slashed and their efficiency has doubled. Previously two crews were required, now with the Barrow Light® one crew is sufficient. Each day the Barrow Lights® are loaded onto utes or trailers, the lights are programmed and wheeled into position with a total set up time of no more than 5 minutes. With programming being so fast and simple and Barrow Lights® being so versatile, it's no surprise the teams at Eastern Tree Services love them!

CASE STUDY

EASTERN TREE SERVICES



The Barrowlight V2 SMART - traffic regulation edition is equipped with a vehicle detection radar for a fully integrated approach to the light-head 2 new smart modes. They make optimal, dynamic automated regulation of vehicle flows possible.

Their cycles are adapted to the location where they are installed, Barrowlight V2 SMART - traffic lights means that waiting time is reduced for motorists. Workers benefit from a more highly-regulated and safer roadworks area.



Barrowlight V2 SMART traffic regulation



More info

Find out about our Barrowlight range and many other traffic management products on our website



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web: www.rtl.co.nz

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Setting Up On Site



Raise the light head
You will hear clicking going up.



Insert the visors
Giving these a twist locks them in place.

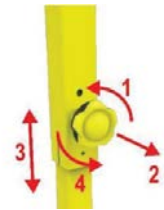


Apply the target board
Additional straps can be used.



Extend the mast
Pull knob out and raise.

Be sure to lock in the lower latch and tighten the knobs to avoid slack in the mast assembly.



Pairing

On the remote, use the Up and Down keys to select **PAIRING**. Offer up the remote to the back of the light head.

SCAN PTL A Will show on the screen remote.
Select OK on the remote buttons.
Move onto the next light.

SCAN PTL B

Select OK on the remote.
From here you can either finish or move onto another unit.



Program Modes

There are 3 main modes of operation:

■ **FIXED TIME MODE**

This is the standard and easiest to use mode, where the lights cycle through pre-set timings

■ **MANUAL ALTERNATING MODE**

Alternating allows the user to manually operate the lights by choosing what the site needs. The lights stay in that configuration until changed by the user. This allows the user to remotely operate the lights like a Stop/Slow bat.

■ **MANUAL MODE**

Similar to Fixed Time, but provides more adjustment and specific timings

The other 2 additional modes are:

WORKSITE EXIT

This function is available when 3 or 4 lights are paired into the system.

FLASHING YELLOW

Lights remain flashing yellow.

Using Fixed Time Mode

Pair the lights if you have not already done so.

- Select **FIXED TIME MODE** in the programming modes.
- Select roughly how many vehicles you expect to see on that road during the day.
- Select the distance of the site and **OK**.
- The lights should sync up and go into their programmed timings.
- You can adjust these timings or change settings from the remote.
- In order to make all the lights go red during cycles, hold down the **STOP** button on the remote. Once you select **OK** on the remote, the lights will interrupt the cycles to go all red.



Using Manual Alternating Mode

- Pair the lights if you have not done so already.
- If you are currently in another program mode, use the back button on the remote, then select OK to end the program you are in.
- In the **PROGRAM MODE**, select **MANUAL ALTERNATING**.
- The remote should display "In Progress Red Lights" and the units will have a period of flashing yellow, followed by all red.
- The lights will remain this way until you change them with the remote.
- To change a light green, use the **UP** or **DOWN** key on the remote.
- The display will ask you "**PTL A GREEN?**" or "**PTL B GREEN?**"
- Use the **UP** and **DOWN** keys to select which light you require green, then select **OK** to that **PTL** and it will instantly change green.



Moving the unit

The unit is most easily moved around by using it as a wheel barrow. For longer distances, it's best to lift the handles higher to clear your feet.

They can also be moved trolley-style on the back wheels.

When loading, this technique can be deployed to get the front wheel onto the tray, then the rest of the light body on by lifting the rear handles.



We offer our Easy Carry tow hitch option, or ramps to load your Barrow Lights easily.

Packing up the unit

In the main menu, select **SYSTEM SHUTDOWN**. To get to the main menu, keep pressing the back button.

In **SYSTEM SHUTDOWN** there are two options: **STANDBY PTL** or **STOP PTL**.

- **STANDBY** retains the current program mode for the next time you use the lights.
- **STOP** clears any programming, so you would need to pair the lights again once you turn the units on.

Once you have done this, you can pack your unit up in reverse order of setup. Lowering the telescopic mast, removing the visors and target board, then finally lowering the light head into the body.

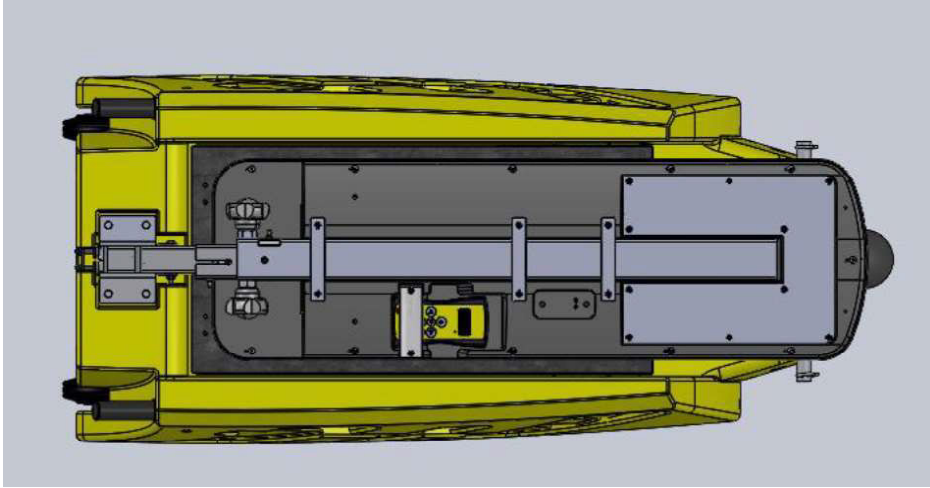
To effectively lower the light head, you must maintain pressure on the hinge by pressing the head down.



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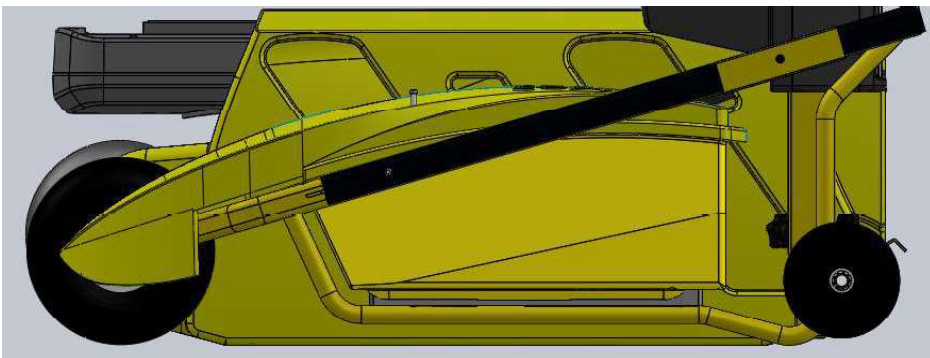
■ **Folded PTL Dimensions:**

- ▶ BarrowLight V2: L: 1195 x W 537 x H 475mm



537mm

1195mm



475mm

1195mm

Stacked height: 918mm (two units)

