



# MRZR® / MRZR-ALPHA™

## LIGHTBAR INFORMATION

For use by the US Military, DoD, and First Responders, TOMAR has created a rugged, multi-function solution to complement and enhance the already impressive features and capabilities of the Polaris® Military RZR® (MRZR®) and MRZR-Alpha™ Platforms.

A TOMAR TRX infrared-equipped lightbar, in either a 25" version for MRZR® vehicles, and 45" version for MRZR-Alpha™ platforms; with color-matched mounting system; adds features needed to accomplish the mission. The new multi-function IR version of the TRX combines intense white light from Cree LEDs, with the ability to override the white to true amber LEDs. These amber LEDs are more effective at penetrating fog, dust, snow, smoke, and rain. For covert missions, and to match the already standard black-out features of the MRZR® platforms, high-power 940 nanometer infrared LEDs, in individual spot and flood modules, project for night-vision ops.

The flexible design allows the MRZR® and MRZR-Alpha™ to continue on-mission where varying needs of illumination are required. It also eliminates time to swap lighting components from one asset to another, by integrating the options into one permanently-fixed light bar. The water-proof, modular design of the bar allows for individual servicing, without the need to remove the entire light bar, and components can easily be changed in the field, no matter where the asset is located.

This solution was designed to be as tough as the vehicles they are mounted on, and the people operating them. Like all of our solutions, TOMAR designs, engineers, and assembles our light bars at our Gilbert, Arizona manufacturing facility.

TOMAR's TRX Infrared (multi-function) off-road light bars are designed and built to be both extremely rugged and reliable for the United States Military; Special Forces; DoD; and First Responders. For flexibility to meet the mission parameters of varying assets, TOMAR has engineered these two multi-function infrared Lightbars for the Polaris® MRZR® and the Polaris MRZR-ALPHA™.

The TRX Line is focused on illumination. This bar functions in nearly any environment you can think of, with its ability to adapt to the surroundings. Featuring intense white light for clear conditions; full amber-override for reduced glare in fog, rain, dust, smoke, etc; and 940nm infrared light for covert operations.

## TOMAR TRX INFRARED LINE

Illumination Line: White, Amber, Infrared

### Functionality:

Group 1 all white lights steady burn

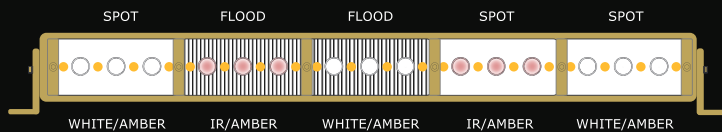
Group 2 all IR lights steady burn

Group 3 all amber lights steady burn (all modules, override priority)

Group 4 all amber lights flash warning pattern

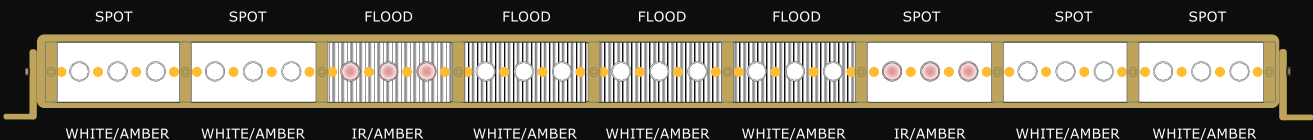
## MRZR® LIGHTBAR

25" - TRX-25C-IR-1T  
(with mount TBK-KIT-1.75-T)



## MRZR-ALPHA™ LIGHTBAR

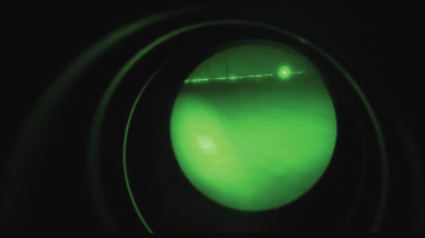
45" - TRX-45C-IR-1T  
(with mount TBK-KIT-2.0-T)



Never before has a more rugged; reliable; and more versatile off-road Lightbar been engineered for those who serve. TOMAR stands behind our products, just like we stand behind you.

Polaris®, RZR®, General®, MRZR® are Registered Trademarks and MRZR-Alpha™ is a Trademark of Polaris Industries Inc.

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Infrared Wave Length is 940nm

