

Date:

December 2016

Description:

ARB Intensity 40 LED Light Bar

Application:

Auxiliary Vehicle lighting

Part No. :

AR40S- Spot Beam

AR40C- Combo Beam

Refer to Kit Part #s in Table

Pricing:

Refer to Kit Prices in Table

Availability Date:

February 2017



Product Specification

ARB is delighted to announce the addition of the Intensity LED Light Bar to the ARB Driving Light family. Using the insights from the development of the phenomenal Intensity Driving Lights and utilizing our knowledge of bull bars, this new LED light bar brings unique features to the marketplace.

The ARB Intensity LED Light Bar's creation introduces a specially designed heat sink and light bar mounting system. These features are pivotal to the seamless integration of the light bar onto the vehicle's bull bar or roof rack. Further benefits of this system include improved light bar stability and driving vision than the commonly used systems on other style light bars.

Engineered in Australia and manufactured in the United States, using the same patented lens/reflector technology as in our existing ARB Intensity Driving Lights, the new ARB Intensity LED Light Bar features 40 individual LEDs (two rows of 20 individual LEDs) encased in a virtually indestructible polycarbonat lens.

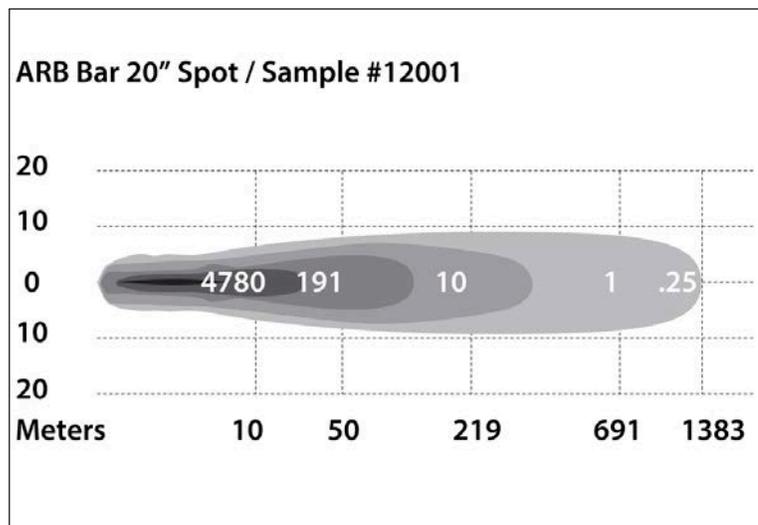
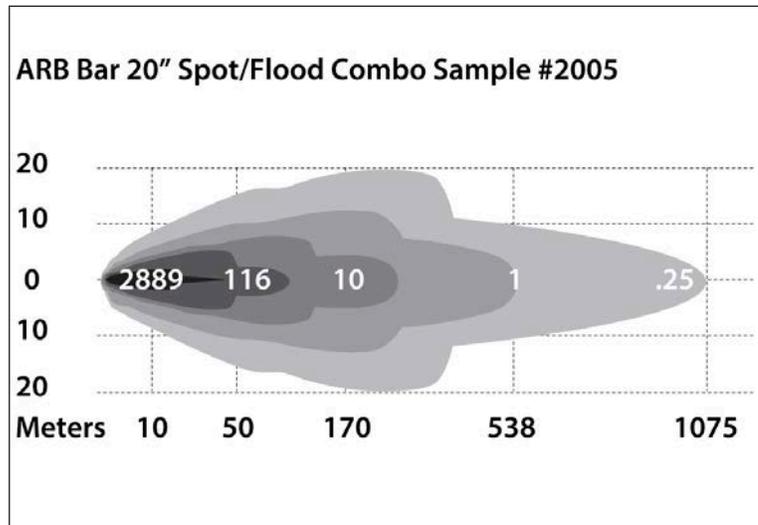
Light Bar Range:

The new Intensity LED Light Bar is available in either 'combo' beam or 'spot' beam configuration giving customers the light pattern to suit their driving needs and preference.

Each beam configuration has a 9200 raw lumen output.

Combo – Comprising of 24 x 10° Spot Lens/Reflectors and 16 x 20° Flood Lens/Reflectors, this produces a light to assist the driver with both improved long distance and peripheral illumination.

Spot – Comprising of 40 x 10° Spot Lens/Reflectors, this produces a very strong single beam down the road with a narrower improvement to peripheral illumination.



Using the light bar with Driving Lights

The introduction of the Intensity LED Light Bar provides an opportunity run a combination of round driving lights and a light bar. This benefits the driver by providing additional forward visibility and the option to significantly improve peripheral illumination by adjusting the round driving lights to point off-center or utilize a combination of flood and spot patterns.



Bull Bar Mounting Kit:

The mounting kits come in 3 sizes, to suit the tube diameter of the vehicle's bull bar. The mounting kits attach the light bar to the top tube of all ARB bull bars (up to 76.1mm diameter tube).

These mounting kits are constructed from extruded aluminium and the fasteners are stainless steel. The design and function is to provide a solid clamp between the light and the tube to minimize vibration and movement.



Pedestal Mount:

As an alternative for customers wanting more versatility with their light bar there is also a pedestal mount to install the Intensity light bar to the pan of their bull bar or roof rack.

All fasteners are made of stainless steel and the mounting components are a combination of powder coated aluminium and steel.



Positioning of Clamps on the Light Bar

The T Bolt mounts into the top channel of light bar allowing for customized positioning of the clamps to best suit the user and their vehicle. Minimum distance between mounts is 210mm (8.4in) and maximum of 420mm (16.5in) – positioning must be even distance from the centre of the light.

IMPORTANT NOTE:

Ensure that all driving lights installed (position and function) comply with your local regulations.

Cooling:

The large aluminium extrusion body acts as a heat sink to draw heat generated from the electronics away from the LED array, thus increasing the efficiency and life of the LEDs.



Security:

Each light is secured via the mounting kits (bull bar and pedestal) to the vehicle with unique ARB tamper proof security fasteners.

On the Tube Mounting Kits, all fasteners are recessed within the body of the mounting clamp (as pictured) further increasing the security.



Advanced Sealing:

A unique moulded rubber seal sits between the polycarbonate lens and cast aluminium body. Together, the Gore® breather and sealed Deutsch electrical connectors create a watertight and dust proof seal to allow the light to achieve an IP68 rating for protection against dust ingress and submersion up to 3 meters.



Clear Cover:

Manufactured from 3.5mm injection moulded polycarbonate and hard coated for scratch and UV resistance, the single piece clear cover is standard fitment providing the ultimate protection from impacts.

Being 100% optically clear, it does not affect light output performance.

NOTE: A range of coloured covers are also available as an accessory.



Additional Product Features:

Built from corrosion resistant materials, the aluminium body is finished in a texture polyester powder coat that passes the ISO7253, 3000 hour salt spray test.

A new wiring loom (3500810) has been developed that includes waterproof Deutsch plug for connection to this ARB light bar. Featuring a single lead and suitable for carrying up to 240W, it includes a surface mount switch with LED Indicator, heavy duty 30amp relay, mounting hardware and fitting instructions.

An extension wiring loom (3500820) for mounting in further to reach locations (such as Roof Racks) measuring 5m/16ft is also available (separately).

KIT PART INFORMATION

The new ARB Intensity LED Light Bar, the required mounting systems, and wiring loom have been kitted together to create an easy to order, all-in-one system for enthusiasts looking to outfit their vehicles with this new offering. There is a kit option for each beam pattern and mounting system choice (pedestal and various tube diameter).

Part Number	Description	Light / Beam	Mount
AR40SARM476	AR40S C/W 47.6MM B/MOUNT & LOOM	AR40S- Spot	47.6mm Tube
AR40SARM603	AR40S C/W 60.3MM B/MOUNT & LOOM	AR40S- Spot	60.3mm Tube
AR40SARM761	AR40S C/W 76.1MM B/MOUNT & LOOM	AR40S- Spot	76.1mm Tube
AR40SARMP	AR40S C/W P/MOUNT & LOOM	AR40S- Spot	Pedestal
AR40CARM476	AR40C C/W 47.6MM B/MOUNT & LOOM	AR40C- Combo	47.6mm Tube
AR40CARM603	AR40C C/W 60.3MM B/MOUNT & LOOM	AR40C- Combo	60.3mm Tube
AR40CARM761	AR40C C/W 76.1MM B/MOUNT & LOOM	AR40C- Combo	76.1mm Tube
AR40CARMP	AR40C C/W P/MOUNT & LOOM	AR40C- Combo	Pedestal
3500810	Wiring Loom (Included in Kits)		
3500820	Loom Extension (5m /16ft)		