



INTENSITY

NEXT GENERATION LED DRIVING LIGHTS

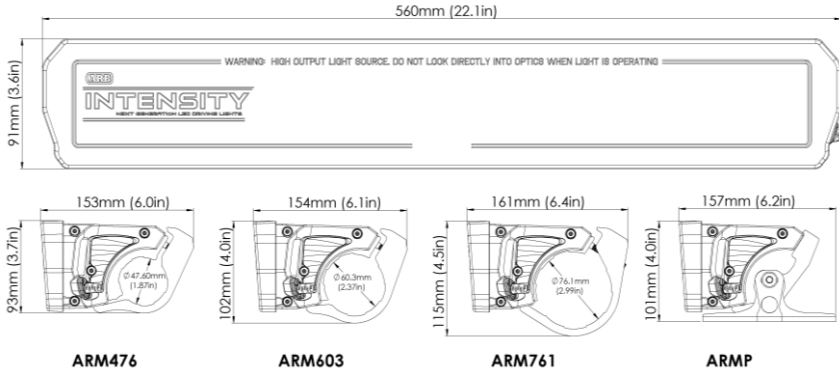
AR40



USER GUIDE



SPECIFICATIONS



- Extruded aluminium 6063-T5 body.
- Polycarbonate lens
- UV stable moulded polycarbonate lens cover.
- Multiple configuration tube and surface mounts.
- Durable UV stable polyester powder coat.
- Goretex® breather.
- IP68 certified.
- Deutsch DT-06 waterproof connectors.
- MIL810-STDG vibration certified.
- RoHS compliant
- 9-36V DC input
- 115 Watts.
- Amp draw 8.0 A @ 14.4VDC
- 40 LED's.
- 9200 raw Lumens
- Colour temperature: 5700 Kelvin
- Lux @ 10m (33ft): 4870 - Spot
2889 - Combo
- Light angle Spot 10° full spot
Combo 10° full spot
20° full spread
- Over/under voltage protection.
- 50,000+ Hour LED life span.
- Zero UV emissions.
- Operating temp: -40°C to +63°C
-40°F to +145°F
- Protected against RFI/EMC interference.
- Integrated thermal management.
- Weight 3.98kg / 8.7lb complete

CARE AND MAINTENANCE

- There are no user serviceable components within this light – DO NOT disassemble.
- Clean with warm soapy water and a sponge or soft brush. DO NOT use solvents or hard bristle or abrasive brushes.
- Remove cover periodically to clean the lens.
- Ensure all electrical connectors and wiring looms are secured away from sharp, hot or moving surfaces.
- Regularly check all mounting and adjusting bolts to ensure they are secure & torqued.
- If your light requires service or repair, return it to your local ARB distributor.

TORQUE SETTINGS

6mm Security nut	9 Nm / 80 Lb-In
8mm Hex nut	22 Nm / 195 Lb-In

SUPPLIED PARTS

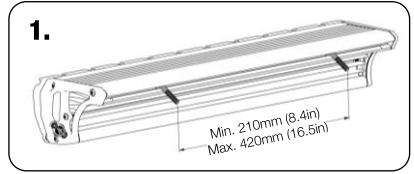
1 x Light Body (Spot or Combo)
1 x Clear Cover

OPTIONAL PARTS

ARM476	Ø47.6mm Tube Clamp Kit
ARM603	Ø60.3mm Tube Clamp Kit
ARM761	Ø76.1mm Tube Clamp Kit
ARMP	Pedestal Mount Kit
3500810	ARB Light Bar Wiring Loom
3500820	ARB Light Bar Loom Extension
AR11	ARB Transparent Clear Cover
AR11TR	ARB Transparent Red Cover
AR11TB	ARB Transparent Blue Cover
AR11TA	ARB Transparent Amber Cover
AR11SB	ARB Solid Black Cover

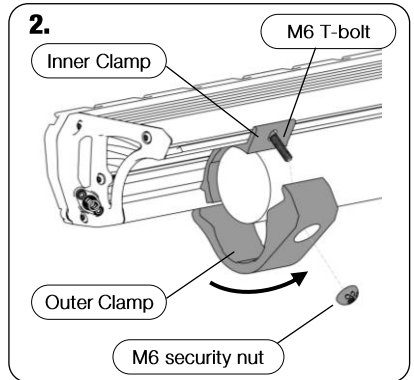
INSTALLATION

- To mount light bar to the tube of an ARB bull bar, the appropriate diameter ARB Tube Clamp Kit is required. This kit must be purchased separately.
 - To mount light bar on a flat surface such as the roof rack or top pan of a bull bar, a Pedestal Mount Kit must be purchased separately.
 - To prevent possibility of galling, lubricate bolt threads with a nickel or lanolin based lubricant such as Loctite® 771 or Lanotec™ before installing nuts.
1. Place light bar face down on a clean flat surface. Insert 2 x M6 T-bolts supplied with mount kit into top channel in light bar. Evenly space T-bolts about centre of light bar at a distance of between 210-420mm (8.4-16.5in).



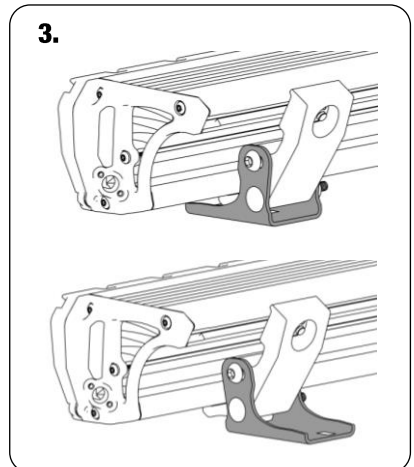
For installation with a Tube Clamp Kit: (P/No. ARM476 / ARM603 / ARM761 sold separately)

2. Place 1 x inner clamp over each T-bolt and position over inner edge of light bar.
3. Place the light bar against tube of bull bar ensuring that inner clamps seat against tube. Insert the hook of each outer clamp into lower channel of the light body. Rotate clamps around tube and over T-bolts.
4. Lightly fasten light bar to tube by attaching supplied ARB M6 security nuts to T-bolts. Adjust rotation of Light Bar on tube to an appropriate position and tighten security nuts to recommended torque using the security key provided.



For installation with a Pedestal Mount Kit: (P/No. ARMP sold separately)

5. Insert hook of each pedestal mount into lower channel of light bar. Rotate mounts over T-bolts and secure using ARB M6 security nuts.
6. The pedestal brackets can be fitted forward or backward depending on installation position. Place a channel bracket over each pedestal mount and secure using hardware provided in Pedestal Mount Kit. For more information, refer to installation instructions with Pedestal Mount Kit.
7. Secure light bar to surface using fasteners provided in Pedestal Mount Kit.
8. Adjust position of the light bar and tighten all fasteners to recommended torque.



Light Bar wiring:

- ARB recommends the use of ARB Light Bar Loom P/No 3500810. Designed specifically for the ARB Intensity LED Light Bar, this loom features Deutsch DT-06 connectors and is preassembled for ease of fitment. An additional ARB Loom Extension P/No 3500820 may also be required.

ARB PRODUCTS WARRANTY AGAINST DEFECTS

ARB warrants the ARB Products against defects in workmanship and materials for the Warranty Period. If defective workmanship or materials become apparent in the Warranty Period, ARB will replace or repair the defective Product.

The benefits to the customer given by this warranty are in addition to other rights and remedies of the customer under a law in relation to the goods or services to which the warranty relates.

- 1) In this warranty:
 - **ARB** means ARB Corporation Limited (ABN 31 006 708 756) of 42-44 Garden St, Kilsyth Victoria 3137
 - **ARB Outlet** means an outlet which has been authorised by ARB to sell and fit ARB Products
 - **ARB Product** means products which ARB manufactures or for which ARB is the exclusive supplier
 - **Product Information** means the information about the relevant ARB Product which may be contained in any of: documentation provided with the ARB Products, owner's manual, operating manual, service manual of the manufacturer's manual or labels attached to the ARB Product
 - **Warranty Period** means, in respect of an ARB Product, means the period that this warranty against defects applies and which is set out in the tables in paragraph 8.
- 2) To be entitled to claim the warranty, the customer must:
 - a) have the ARB Product fitted in accordance with the Product Information
 - b) carry out normal care and maintenance of the ARB Product, including any required by the Product Information
 - c) provide proof of purchase of the ARB Product
 - d) make the claim in the Warranty Period
- 3) The warranty will not apply in circumstances where the defect is caused by:
 - a) unusual, improper or negligent use or misuse of the ARB Product
 - b) incorrect fitting of the ARB Product other than at an ARB Outlet
 - c) loading the ARB Product with weights in excess of Product Information
 - d) use of non-genuine ARB components in or with the ARB Product
 - e) use on vehicles with modifications not approved in the Product Information or at an ARB Outlet at the time of fitting
 - f) caused by racing or competition use
 - g) use of the ARB Product outside of the requirements of the Product Information
- 4) The procedure for the customer to claim the warranty is:
 - a) Return the ARB Product to the nearest ARB Outlet of contact ARB to arrange a time to bring a vehicle fitted with the ARB Product to an ARB Outlet for inspection. Contact details are in paragraph 7 below if further information is required regarding local outlet details
 - b) bring proof of purchase of the ARB Product to the ARB Outlet
 - c) ARB will review the ARB Product and advise whether the conditions of the warranty have been met
- 5) Where ARB accepts a customer's warranty claim, ARB will rectify any defective workmanship or materials at its own expense.
- 6) Expenses incurred by the customer in claiming the warranty are to be borne by the customer.
- 7) This warranty is given by:

ARB Corporation Limited
42-44 Garden Street Kilsyth VIC 3137, Australia
Phone: 03 9761 6622
Fax: 03 9721 9090
www.arb.com.au
- 8) The period within which a defect in the ARB Products must appear if the customer is to be entitled to claim the warranty is 5 years starting on the date of purchase unless:
 - a) The ARB Product is used in Commercial use. Commercial use means use in industry or commerce including (without limitation) use in the mining industry or as a hire vehicle. In this case, the Warranty Period is the less of 1 year or 20,000 km, or one third of the period or distance specified in the table, starting on the date of purchase.
- 9) The warranty against defects contained in this document replaces any other warranty against defects or voluntary warranty given in relation the Products.

Our goods come with guarantees that cannot be excluded under the Australian Customer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonable foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.