



PRODUCT LAUNCH



ARB INTENSITY IQ DRIVING LIGHTS KIT

Date	October 2022
Description	ARB Intensity IQ Driving Lights Kit
Part No.	ARBVX17B
Barcode	9332018084545
Availability	Q1 2023

OVERVIEW

The ARB Intensity IQ has been developed from the ground up, with performance front of mind, whilst delivering a design that complements modern vehicle styling and bar work. With a subtle introduction of ARB red within the light, the free-form clear front lens, bezel-less design and CNC machined ARB logo provide a modern, classy and premium new look. Packed with unique features, the Intensity IQ sets a new level of driving light design and usability.

A unique 4-optic design (Super Spot, Spot, Flood and Midrange) is employed to provide virtually an unlimited choice of light beams to suit any road condition. The Super Spot and Spot optics, based on free-form reflector technology, produce an even spot beam for extended distance illumination. The Flood optic has a specially designed lens to maximise the light spread for excellent foreground visibility. The Midrange optics employ a conventional parabolic reflector to illuminate the midrange area. Furthermore, the beam pattern of each of the two lights can be independently adjusted so you could run, for example, one focused on spot and one focused on flood.



INNOVATIVE MOUNTING BRACKET

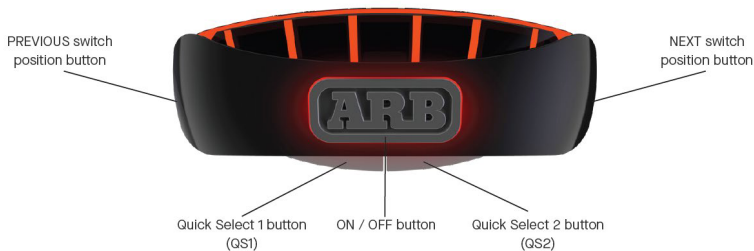
Intelligent thermal management maximises light output in all driving conditions and provides outstanding LED life expectancy. Cooling is maximised via the die cast aluminium body which acts as a massive heat sink. An innovative, sleek new mounting bracket design not only allows adjustment of light beam angle, but also provides additional mass and surface for cooling.



CUSTOMISABLE ONBOARD SWITCH

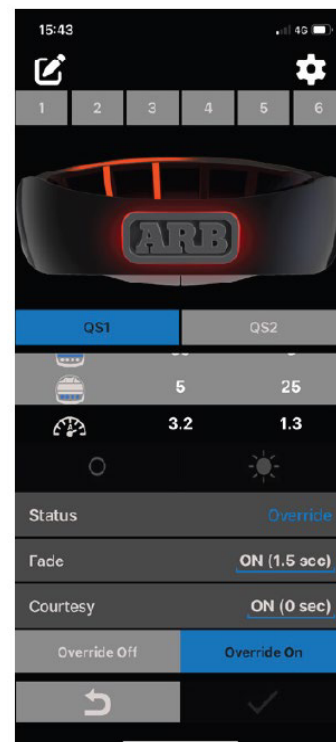
The Intensity IQ is equipped with a switch to:

- Turn on and off the driving lights
- Provide 8 selectable and customisable preset light beams
- Disable courtesy light function (delayed light off after ignition off)
- Turn on/off Euro mode (light beam complying UNECE R149)
- Activate/deactivate demo mode
- Restore factory settings



The switch is customisable via the ARB Intensity IQ app (available via the App Store for iOS and Google Play for Android), which allows users to:

- Turn on and off the driving lights
- Adjust the intensity of each row of optics on each individual light (or both at once) to create your ideal beam pattern
- Setup the fade in/out feature
- Turn on/off courtesy feature and adjust timer
- Activate the work light function (lights on without high beam on)
- Select a light network to connect to (for example if you have 2 different vehicles, each with IQ lights)
- Save or undo the change
- Turn on and off the Euro mode
- Set the onboard switch response time
- Restore factory settings





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KEY FEATURES COMPARISON ACROSS DRIVING LIGHT CATEGORY

Key Features	Customer Needs	Intensity IQ	Solis	Intensity V2
Iconic ARB Branded	Keep uniform look throughout the vehicle	✓	✓	✓
Adjustable Light Intensity	Adjust the brightness for different road condition	✓	✓	
Adjustable Optic Sections	Customise light beams for different road terrain	✓		
Work Light Function	Use driving light as work or emergency light	✓		
Courtesy Light Function	Temporary light from vehicle to doorstep after parking	✓		
Light Fade In/out	No flash blindness when turning on driving light	✓		
Onboard Controller	Easy access to pre-programmed light beams	✓	✓	
App Control	Easy programming	✓		
ARB LINX Support	Single control point, less switches	✓	✓	✓
Wiring Loom Included	All-in-one kit	✓		

KEY TECHNICAL DATA

LED Configuration	Super Spot: 4 x Cree XP-P LEDs Spot: 2 x Cree XM-L3 and 3 x XP-P LEDs Flood: 18 x Cree XT-E LEDs Midrange: 4 x Cree XM-L3 LEDs
Input	Voltage: 11-32V Power: 170W @ 13.2V Current: 12.9A @ 13.2V
Output – Raw Lumens	Max Spot 7,070 Lumens Max Flood 14,060 Lumens
Output – Effective Lumens	Max Flood 6,666 Lumens Max Combo 6,265 Lumens Max Spot 6,613 Lumens
Distance @ 1 Lux (1 Pair)	Max Spot 1350m / 4429ft Max Combo 1105m / 3625ft Max Flood 900m / 2953ft
Operating Temperature	-40°C to +80°C (-40°F to +176°F)
Colour Temperature	5700 - 6200K
Compliance (E-Mark Approved)	CE ECE R10, R149 , UKCA, RCM, FCC, ROHS
Weight and Dimensions	3.8kg (8.4lbs)/220mm (W) x 215mm (H) x 142mm (D) (8.7" x 8.5" x 5.6")
Warranty	3 years
Kit Includes	2 x Digitally controlled driving lights 2 x Mounting brackets and mounting hardware kits 1 x Vehicle harness 1 x Switch with cable and connector 1 x Control module with cable and connector 1 x Set security bolts & tool
Additional Parts (Sold Separately); More will be available soon	Extension Cable (P/N: ARBVX08) Y-splitter Cable (P/N: ARBVX07)
Fitting Time	Estimated 2 hours for a standard installation to an ARB bar



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PERFORMANCE DATA

The Intensity IQ lights represent the perfect balance between visibility at distance, and spread both down and across the road. A pair of lights provides 1 Lux @ 1350m with the Max Spot setting, whilst the Max Flood setting provides 1 Lux @ 900m with up to 50m spread on each side of the vehicle.

