

BASE RACK

FITTING INSTRUCTION

Part Numbers: 1780560, 1780570, 1780580, 17805MK

Description: BASE RACK Area Light

Notes.

- Vehicle accessories which are not properly fitted can be dangerous.
- Please read these instructions carefully prior to fitting, and always comply with the instructions.
- If in any doubt, please contact your nearest ARB state office or the stockist from whom it was purchased.
- Do not use this product for any vehicle make or model, other than those specified by ARB.
- This product or its fixing must not be modified in any way.
- The installation of this product may require the use of specialised tools and/or techniques.
- It is recommended that this product is only installed by trained personnel.
- These instructions are correct as at the publication date. ARB Corporation Ltd. cannot be held responsible for the impact of any changes subsequently made by the vehicle manufacturer.
- During installation, it is the duty of the installer to check correct operation/clearances of all components.
- Work safely at all times.
- Unless otherwise instructed, tighten fasteners to specified torque.
- Check bolt torque after 500km & at regular service intervals.

Area Lights.

- #1780560 AREA LIGHT SUITS BASE RACK, 25cm.
- #1780570 AREA LIGHT SUITS BASE RACK, 40cm.
- #1780580 AREA LIGHT SUITS BASE RACK, 70cm.

Surface Mounting Kit (optional accessory).

- #17805MK AREA LIGHT SURFACE MOUNT ADAPTOR KIT.

ARB 4x4 ACCESSORIES

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**Do not pull on the
wiring harness
forcefully**



**Do not connect
wiring harness to
engine**

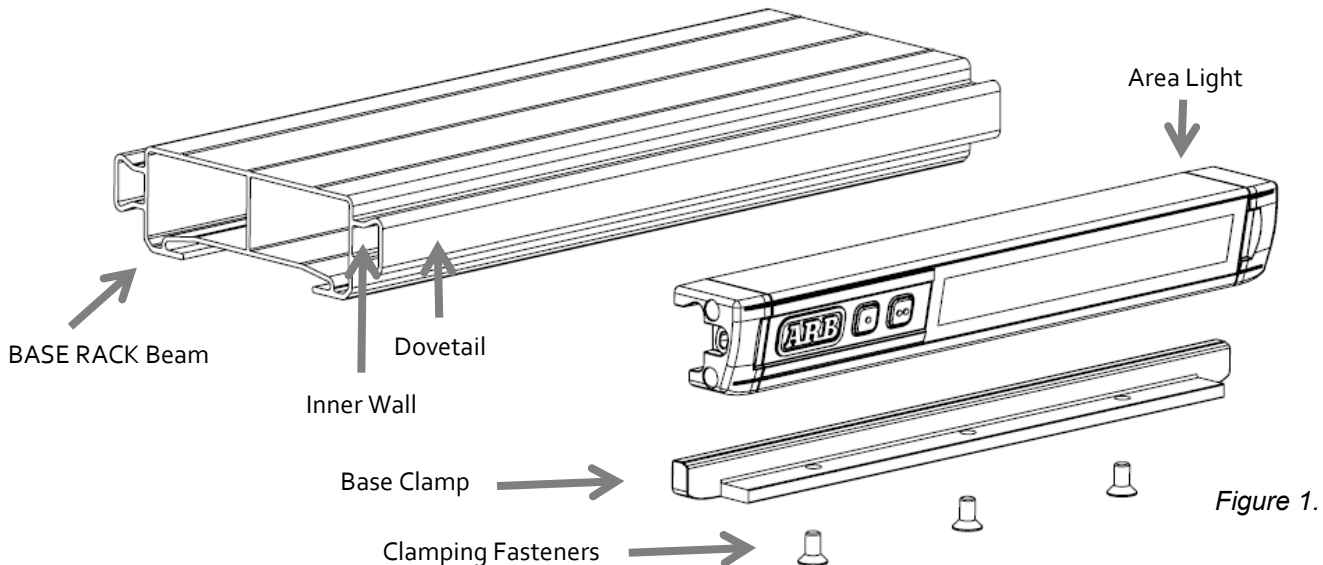


**Ensure all
connections are
tight and pushed
home**

Area Light Installation options.

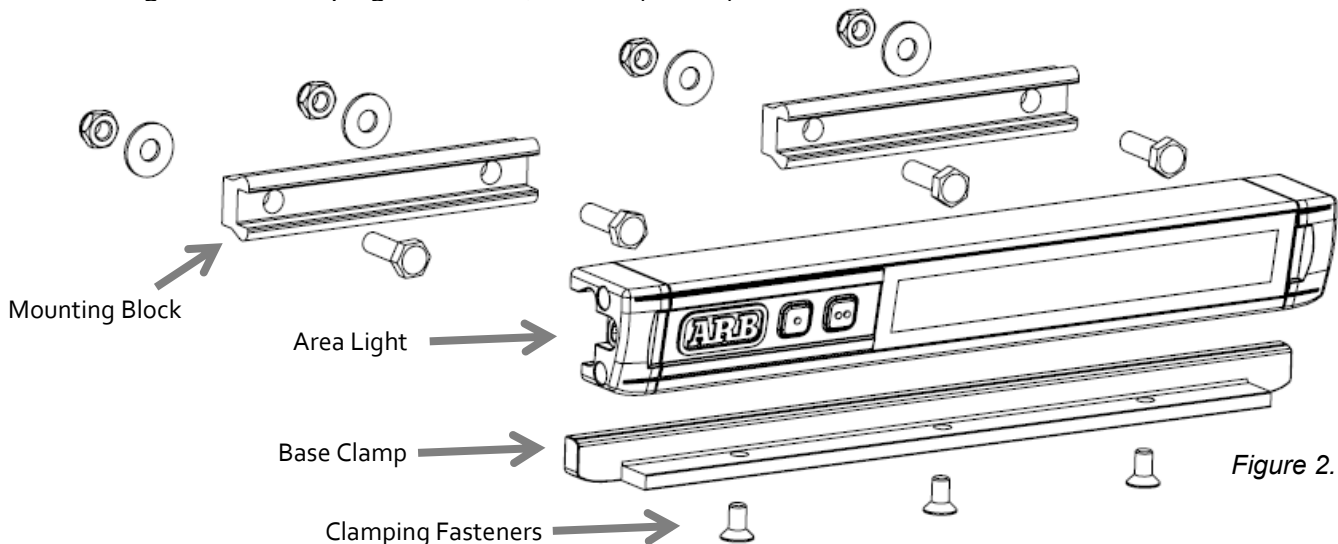
BASE RACK Mount.

1. Remove the Clamping Fasteners and Base Clamp from the Area Light.
2. Place the Area Light in the required location on the BASE RACK dovetail. Ensure the light will not interfere with operation of doors, awnings, and other mounted items. Check the wiring loom has adequate length to connect the lights.
3. Mark Area Light cable location on the BASE RACK.
4. Remove Area Light and drill out Ø10mm hole to suit supplied cable grommet. Drill through the two BASE RACK layers (dovetail and inner wall).
5. Insert grommet through both drilled surfaces of the BASE RACK.
6. Place Area Light on BASE RACK and feed cable through grommet into the BASE RACK beam.
7. Fit and hold the Base Clamp in position beneath the Area Light.
8. Screw all Clamping Fasteners through the Base Clamp into the Area Light.
9. Tighten all Clamping Fasteners to 6.0Nm (4.5lbft).



Surface Mount. Optional accessory #17805MK is required.

1. Find a suitable flat surface for mounting the Area Light.
2. Take Mounting Block from kit and position where the light will be installed.
3. Using the Mounting Block as template, mark and drill two Ø7mm holes. Note, the block should be installed about 50mm from the edge of the light.
4. Complete Steps 2~3 for the second Mounting Block. Ensure the two Mounting Blocks are aligned.
5. Securely install the Mounting Blocks with the M6 bolts, nuts and washers supplied, 9Nm (7lbft).
6. Remove the Clamping Fasteners and Base Clamp from the Area Light.
7. Place the Area Light onto the Mounting Blocks.
8. Fit and hold the Base Clamp in position beneath the Area Light.
9. Screw all Clamping Fasteners through the Base Clamp into the Area Light.
10. Tighten all Clamping Fasteners, 6.0Nm (4.5lbft).



Harness Installation

1. Locate the supplied connector socket, wedge lock and terminals.

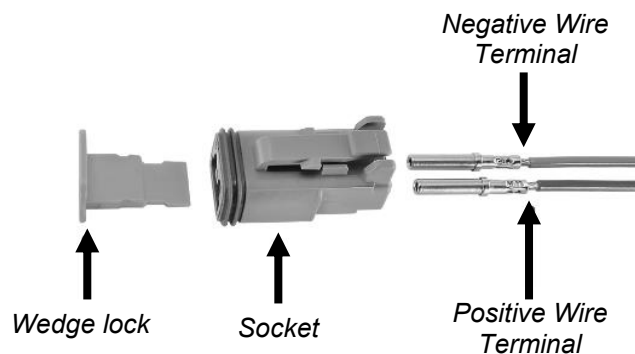


Figure 3.

2. With 3m Area light cable routed through BASE RACK, cut the cable to required length.
3. Assemble the connector as per Figure 3. Ensure the terminal polarity is correct as per Table 1.

Cable Colour	Connector Pin #	Polarity
Red	1	Positive (+ve)
Black	2	Negative (-ve)

Table 1.

4. Install the assembled connector with the required wiring harness below (sold separately). Follow the instructions provided with harness. It is recommended that any wiring or electrical work be conducted by trained personnel.
 - #3500810 Suits one Area light.
 - #3500520 Suits two Area lights.
 - #3500820 Loom extension suits one light.

Operation

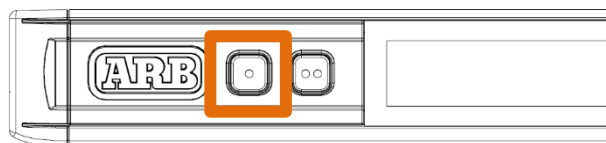
ON / OFF.

The Area Lights can be turned ON and OFF with the Area Light left button. Push and hold the **Left button** for 3seconds to turn ON or OFF.

Brightness Level.

The Area Lights are equipped with five brightness levels as shown below. To change the brightness, the Area Light **Left button** will toggle through the brightness levels.

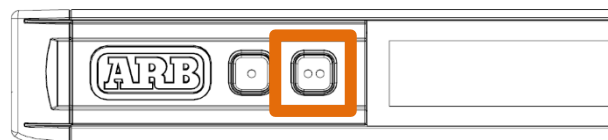
- Brightness Level 1. (max).
- Brightness Level 2.
- Brightness Level 3.
- Brightness Level 4.
- Brightness Level 5. (min).



Colour Change.

The Area Lights are equipped with three colour options as shown below. To change the colour, the Area Light **Right button** will toggle through the colour options.

- Amber.
- White.
- Warm.



For external switch installation, when the external power is removed, the Area Light will remember its previously selected colour and brightness settings.

Warranty

Refer to arb.com.au for the "ARB Products and ARB Services Warranty Policy".

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably 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.

Specifications

Part Number	1780560	1780570	1780580	17805MK
Length	25cm	38cm	64cm	10cm
LED Count	20	40	80	-
LED	White: OSRAM GW JTLRS1.EM Orange: LEDESTAR 283B			
Operation Voltage	9 ~ 16 VDC			
Current Draw @13.2V (highest setting)	0.76A	2.12A	3.0A	-
Current Draw @13.2V (lowest setting)	0.02A	0.02A	0.02A	-
Power	10W	28W	40W	-
Colour Temperature (K)	○ 5700 (White) ○ 3000 (Warm) ○ 1800 (Amber)			
Operating Temperature	-40°C ~ 85°C			
Weight	0.43kg	0.67kg	1.05kg	0.12kg
Dust and waterproof	IP68, IP69K			
Compliance	UNECE R10, CE, UKCA, CISPR25, ROHS			
Polycarbonate Lens.				
UV Stable Powdercoat.				
Aluminium housing and end caps.				
Pressure equalisation breather.				

#1780560 AREA LIGHT SUITS BASE RACK 25cm

LUMENS	Level 1	Level 2	Level 3	Level 4	Level 5
Amber	530	370	200	50	3
White	460	330	180	50	4
Warm	950	700	380	100	7

#1780570 AREA LIGHT SUITS BASE RACK 40cm

LUMENS	Level 1	Level 2	Level 3	Level 4	Level 5
Amber	1400	950	550	140	6
White	1200	880	450	120	10
Warm	2500	1750	1000	260	16

#1780580 AREA LIGHT SUITS BASE RACK 70cm

LUMENS	Level 1	Level 2	Level 3	Level 4	Level 5
Amber	2200	1400	800	210	9
White	1850	1300	750	190	14
Warm	3500	2600	1500	400	22