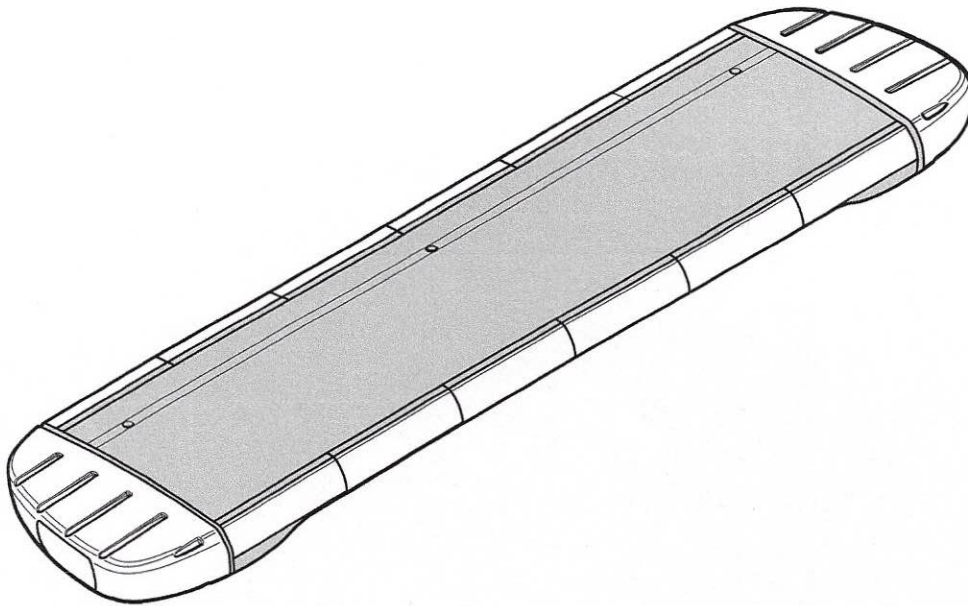


W3

W3

Lightbar

**Approvals**

ECE R6, ECE R7, ECE R10, ECE R65, ICAO

W3

Technical Data

Lens	Polycarbonate
Color, lens	Clear
Color, LED	Blue, amber, white, red, green, blue/amber, blue/red, blue/white or amber/white
Cable	4.5 m
Voltage	12- 24 VDC
Power consumption	15 A with peak at 30 A for less than 50 ms
Length	590, 930, 1100, 1270, 1440, 1600, 1770 or 1940 mm
Height	Corner module: 65 mm Inboard module: 47 mm
Width	280 mm
Interface	CAN bus of a Standby Control System or break out box
Approvals	ECE R6, ECE R7, ECE R10, ECE R65, ICAO

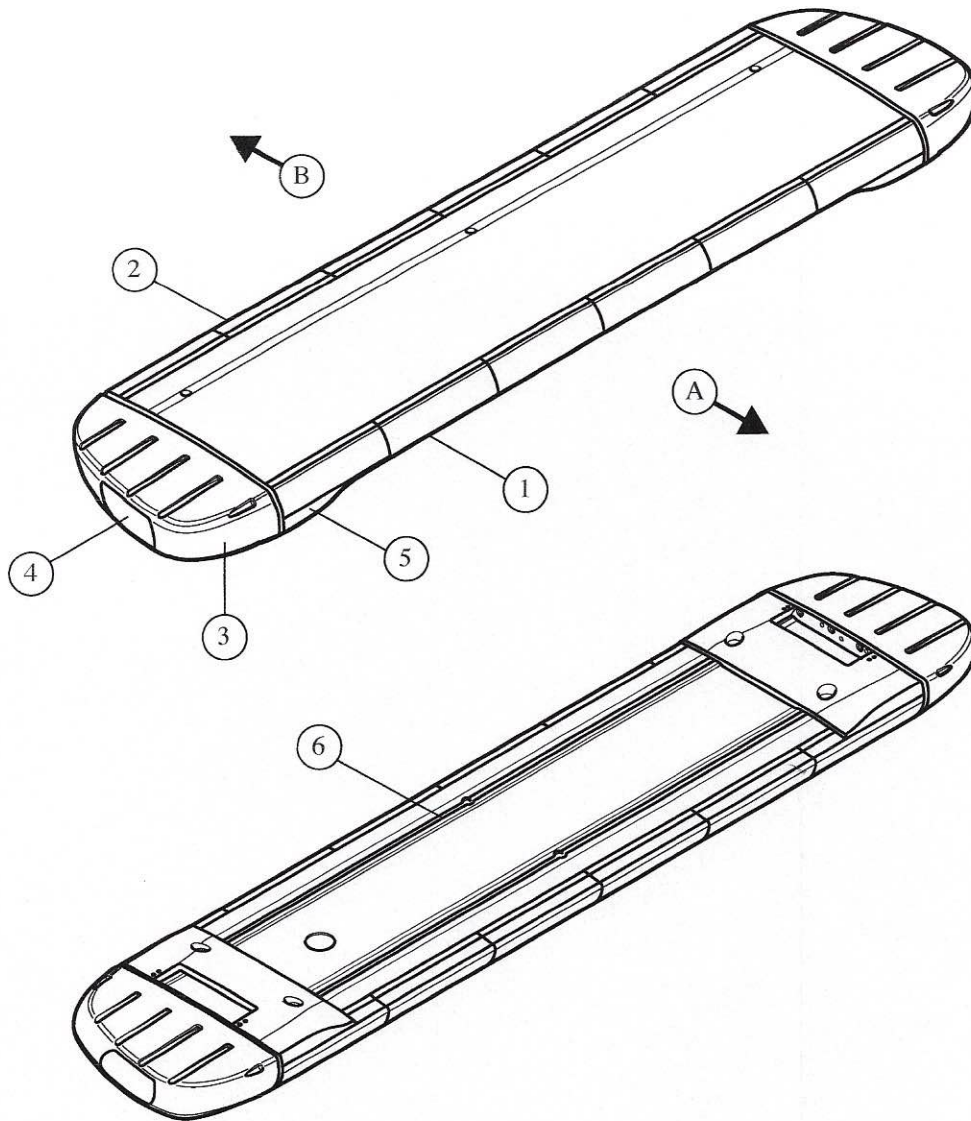
5. Aerodynamic cover

6. T-rail

4.5 m cable / Cannon connector (optional)

W3

Parts Overview



W3 Lightbar and supplied parts

A. Front

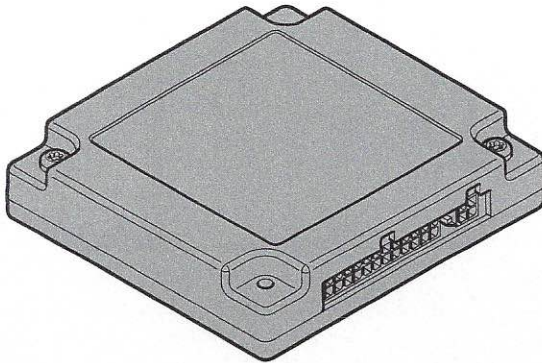
B. Rear

- 1. Front module
- 2. Rear module
- 3. Corner module
- 4. Alley light

W3

Auxiliary Equipment

Break out box

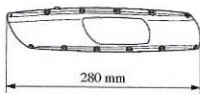
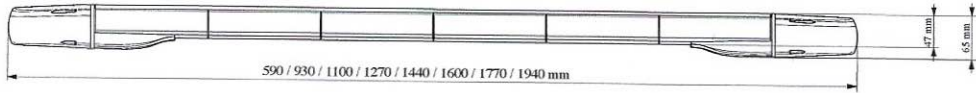


The break out box is sold separately. (For more information see the separate instructions for the break out box.)

If the Standby Control System is not installed, the break out box is required.

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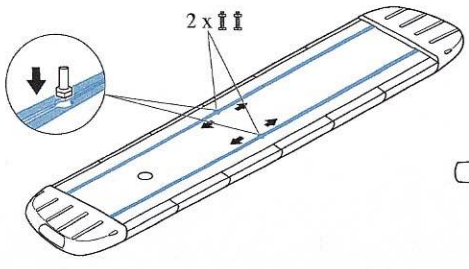
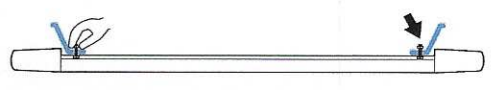
Dimensions



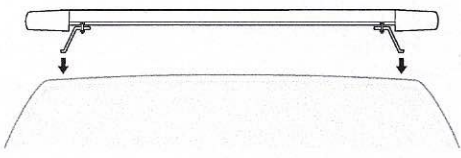
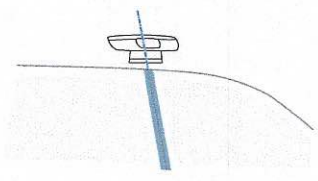
W3

Installation

Table 1. Installation – General recommendations

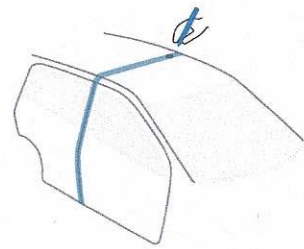
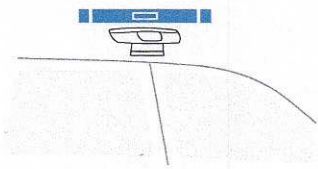



1. Use fixing screws, by hand, to attach the roof brackets on the t-rails of the lightbar bottom. Do not tighten.

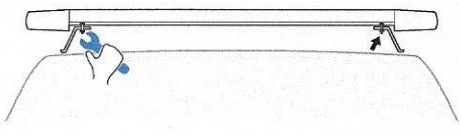
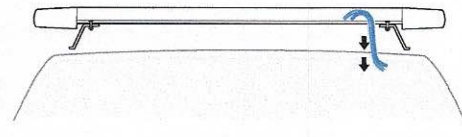
2. Pre install lightbar with the brackets on the vehicle roof rails. The Standby label is placed on the lightbar FRONT part.

3. Align the lightbar with the B-pillar.

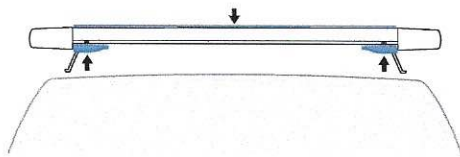
4. Find a suitable location for the hole and mark its center.

5. Pre install the lightbar and brackets on the vehicle roof rails. Make sure that the lightbar top line is horizontal.

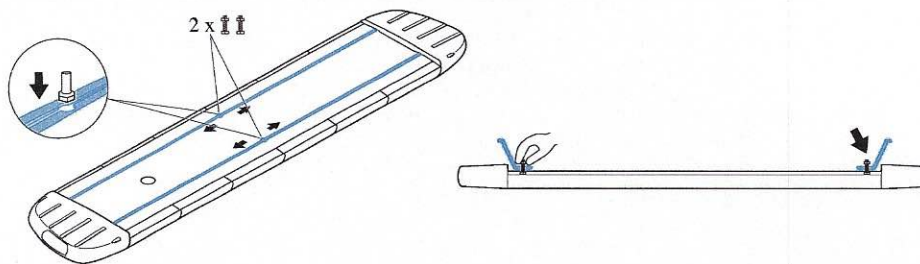
6. Adjust and tighten the fixing screws (brackets and lightbar).

7. Feed the lightbar cables through the vehicle roof.

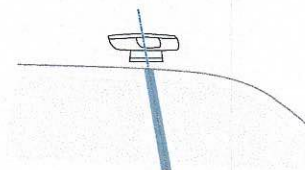
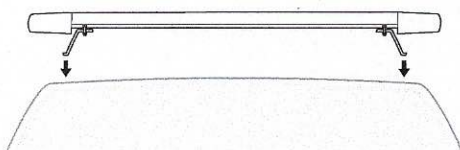


8. Fasten the lightbar top and mount the aerodynamic covers.

Table 2. Installation – Cannon connector as an option

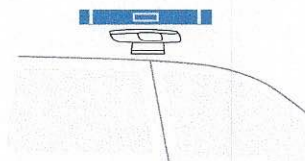
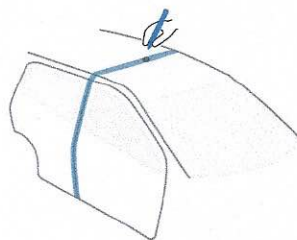


1. Use fixing screws, by hand, to attach the roof brackets on the t-rails of the lightbar bottom. Do not tighten.



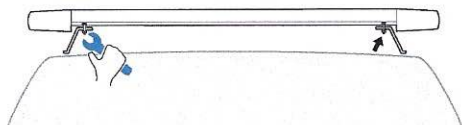
2. Pre install lightbar with the brackets on the vehicle roof rails. The Standby label is placed on the lightbar FRONT part.

3. Align the lightbar with the B-pillar.

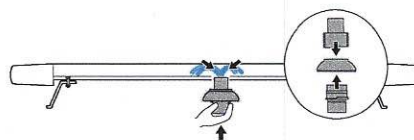


4. Mark the location for the cable connector hole center.

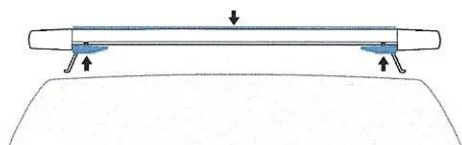
5. Pre install the lightbar and brackets on the vehicle roof rails. Make sure that the lightbar top line is horizontal.



6. Adjust and tighten the fixing screws (brackets and lightbar).



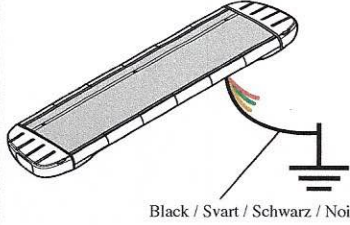
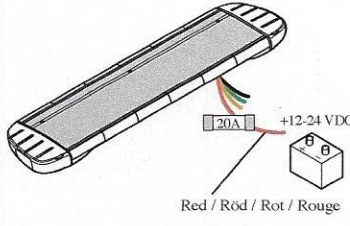
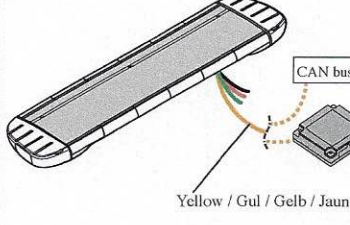
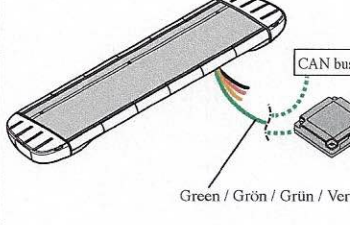
7. Mount the Cannon connector. Bring the connector up through the lightbar bottom hole. Attache the four cables from the lightbar to the connector.



8. Fasten the lightbar top and mount the aerodynamic covers.

W3

Connections

Wire	Function	Connect to	
Black	Power supply	Good and suitable ground	 <p>Black / Svart / Schwarz / Noir</p>
Red	Power supply	12-24 V DC via a 20 A fuse	 <p>Red / Röd / Rot / Rouge</p>
Yellow	CAN	CAN bus of a Standby Control System or break out box	 <p>Yellow / Gul / Gelb / Jaune</p>
Green	CAN	CAN bus of a Standby Control System or break out box	 <p>Green / Grön / Grün / Vert</p>

W3

Maintenance

Washing instructions

Note

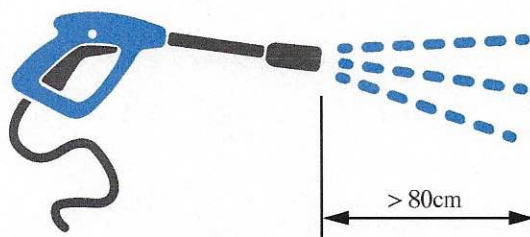
Use a mild car wash shampoo and a sponge that is gentle/appropriate to the lightbar surface as well as the vehicle surface.

CAUTION

When using high-pressure cleaner:

Water pressure at a maximum of 80 bar.

Minimum distance of 80 cm between the gun and the lightbar.



Direct the gun so that the spray pattern hits the surface at a 90° angle.

Always thoroughly rinse with clean water after a high-pressure wash.

Follow the steps above to avoid negative impacts on packing seal, logos and decals.

 **Caution**

Do not use degreaser.

 **Caution**

Machine wash with brushes is acceptable, as long as the brushes are clean. However this will increased the risk of the plastic becoming matte and scratchy.