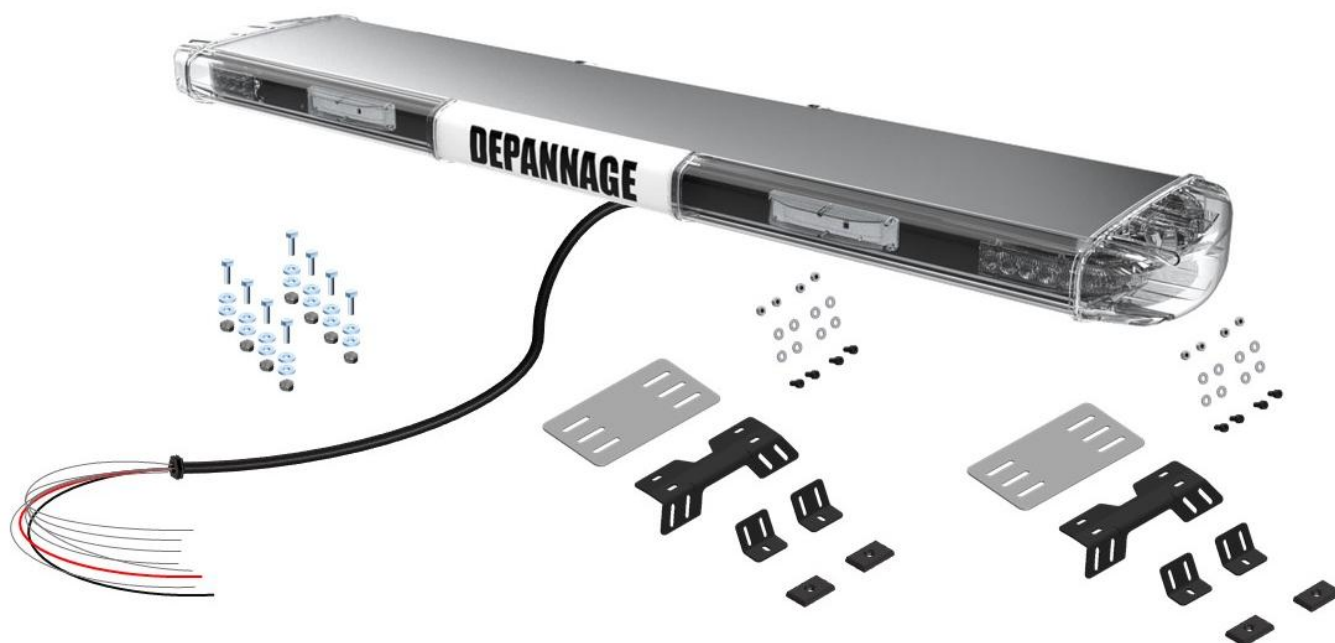


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## CLASS 2 DUALCOLOR VEGA SERVICE LIGHTBAR WIRES VERSION

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IDENTIFICATION : GT-0923-RAM Indice B  
CODE : 34045-01  
29/09/2025  
ENGLISH

## 1. FOREWORDS

### LIMITS OF LIABILITY

STANDBY-FRANCE products have been developed in accordance with current standards and regulations. The information contained in the technical documentation reflects the state of the art and the knowledge and experience accumulated over many years. However, STANDBY-FRANCE declines all responsibility in the event of:

- Failure to comply with the information provided in the product documentation.
- Improper use of the product.
- Installation and implementation of products by unqualified personnel.
- Modifications made on the user's or operator's own authority.
- Technical modifications not submitted to and approved by STANDBY-FRANCE.
- Use of spare parts not approved by STANDBY-FRANCE.

**NOTE : THE GRAPHICAL REPRESENTATIONS IN THIS DOCUMENT ARE NOT CONTRACTUAL.**

### RESPONSIBILITIES OF THE INSTALLER

The installation of the equipment on a vehicle is the sole responsibility of the installer.



Only personnel responsible for the installation are authorised to enter the work area.

The installer determines the appropriate methods and equipment for the situation in order to deliver a complete installation that is connected and installed in accordance with best practices.



Only informed or qualified personnel are able to carry out all or part of the installation of the equipment.

**Informed personnel:** Under the supervision of the installer, a person who is informed of the task to be performed and the potential hazards associated with it.

**Qualified personnel:** Under the supervision of the installer, a person who, through their knowledge, training and experience, is capable of carrying out the installation while recognising and avoiding the potential hazards of the operation.



Installation must be carried out using appropriate access equipment and work platforms.



Never stare at the lights.



Wearing the appropriate PPE is mandatory. (Safety footwear, helmet, handling gloves)

STANDBY-FRANCE accepts no responsibility for any faults that may arise from the installation system design, any reinforcements, roof drilling, the condition and quality of the installation surfaces, the use of manufacturer anchor points, or the design of the system's power supply and protection on the vehicle's power source.

### **RESPONSIBILITIES OF THE USER AND THE OPERATOR**

STANDBY-FRANCE products are professional equipment that must be used for this purpose only. Their use is subject to legal obligations in terms of occupational safety, which the operator must comply with. This applies to safety and accident prevention regulations as well as environmental protection rules. The use of this road equipment is subject to compliance with the rules defined by the Highway Code.

Operator's obligation:

- Keep abreast of current regulations concerning workplace
- Conduct a risk analysis regarding the special working conditions at the site of intervention.
- Adapt user training to regulations, standards and conditions of use
- When using equipment, regularly check that the implementation rules comply with the safety rules and standards in force
- Ensure that operators have read and understood the equipment user manual.
- Ensure that users are regularly trained in the use of the equipment and informed of the hazards associated with its operation.
- Provide staff with the protective equipment required for the intervention and ensure that it is used.

It is the operator's responsibility to:

- Ensure corrective and preventive maintenance of equipment
- Ensure that safety devices are checked regularly

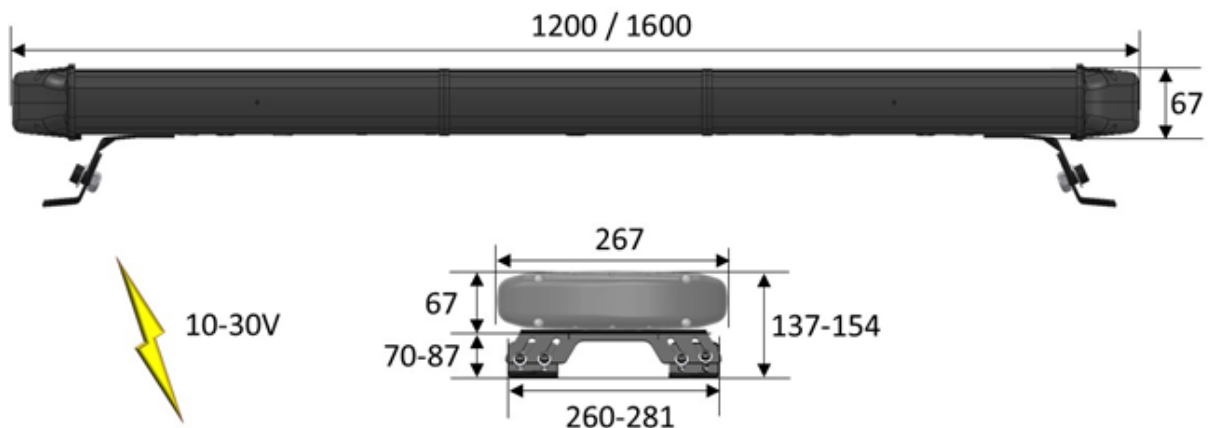
## 2. INTRODUCTION

The purpose of the technical documentation is to provide a clear and comprehensive guide for installing VEGA FX signal bars and their accessories. This documentation is intended to ensure the correct and safe installation of the equipment on emergency vehicles. More specifically, the documentation aims to:

- Guide the installer through all the steps necessary to set up the equipment, detailing the procedures and precautions to be taken.
- Provide all technical information necessary for the correct installation and operation of the lightbar, its options and accessories.
- Ensure installation complies with current standards and regulations.
- Inform about the responsibilities of the installer and operator, emphasising the importance of complying with safety instructions and using the equipment for its intended purpose.
- Facilitate understanding of how the equipment works and its various options.
- Ensure corrective and preventive maintenance of equipment, as well as regular inspection of safety devices.
- Provide technical support when needed, including customer service contact details.

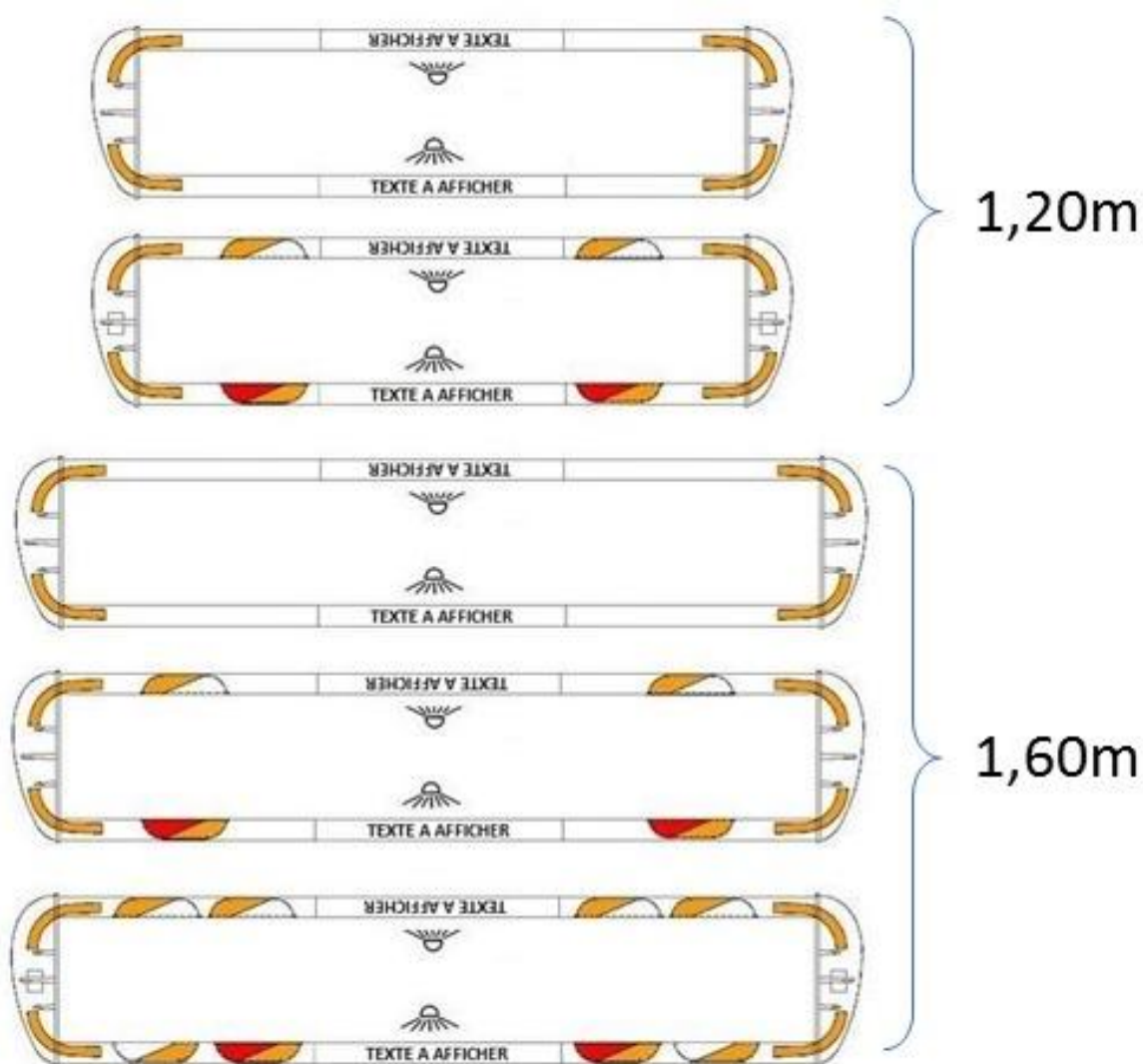
## 3. TECHNICAL SPECIFICATIONS

SERVICE lightbar Class 2 two-colour lights

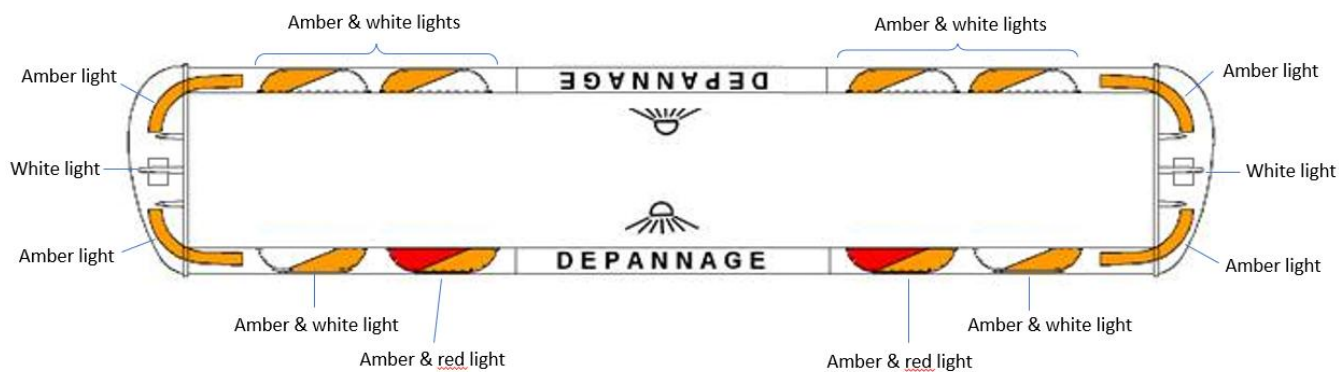


**WEIGHT:** From 12 to 14.5 kg depending on model

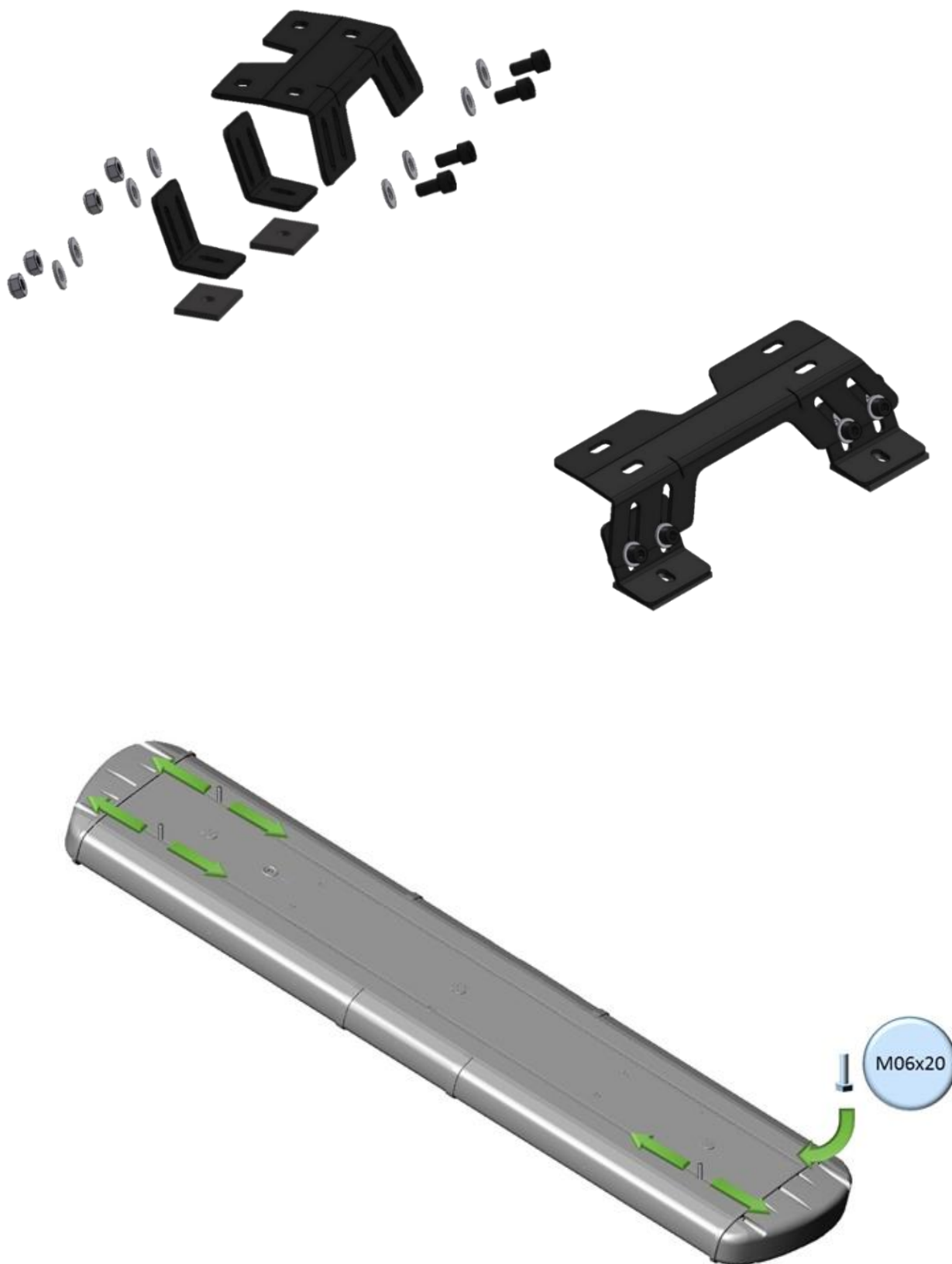
**CISPR 25 :** Class 3 Level

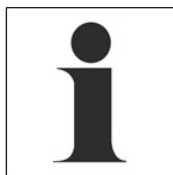


Example of light distribution on the most comprehensive lightbar model:

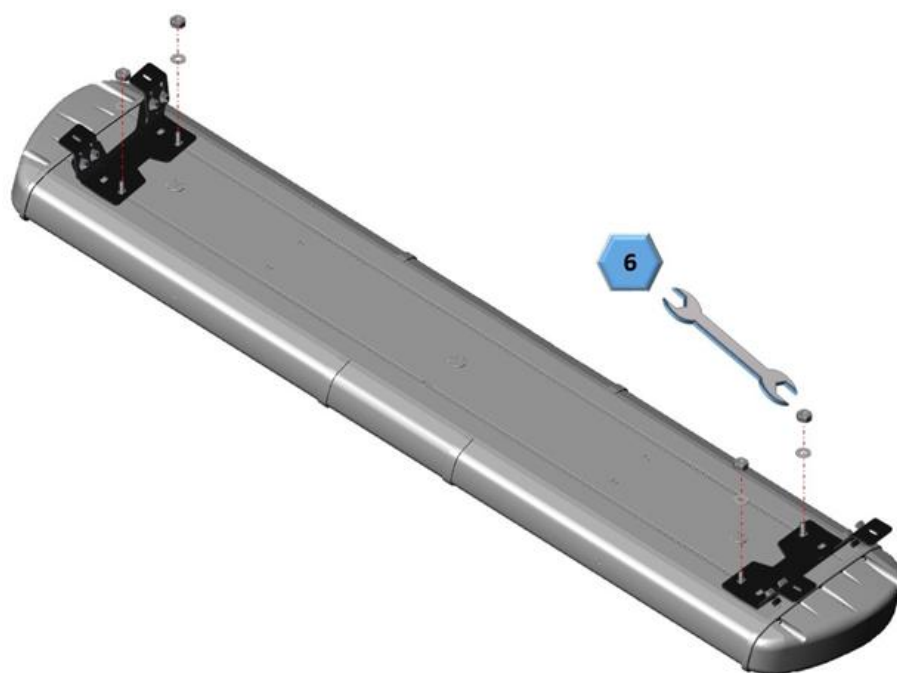
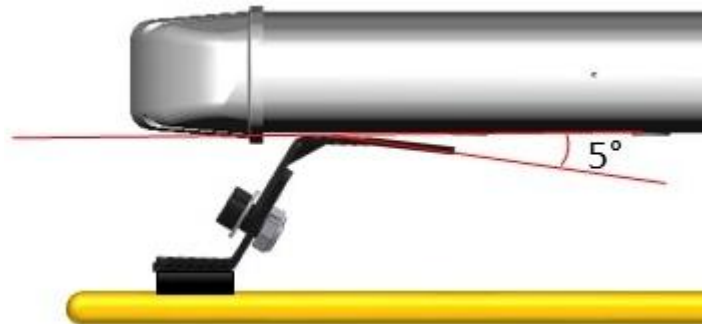


## 4. INSTALLATION





Ensure that the position of the fixings is adapted to the curve of the vehicle roof.

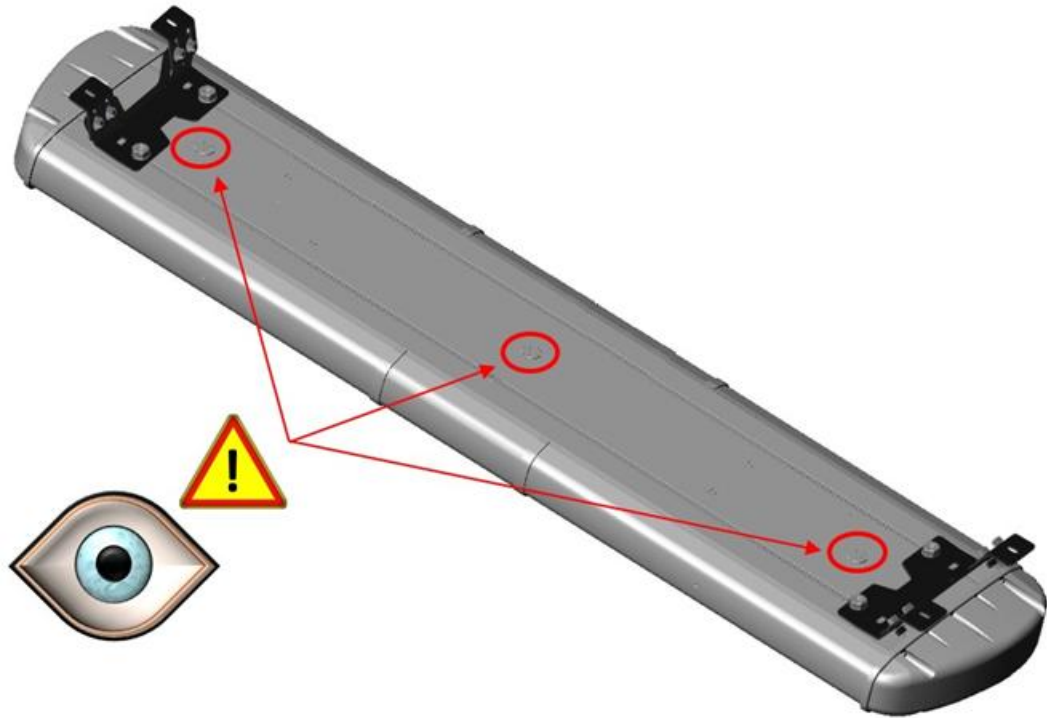


**ATTENTION!**



Be careful not to cover the vents.



**DANGER !**

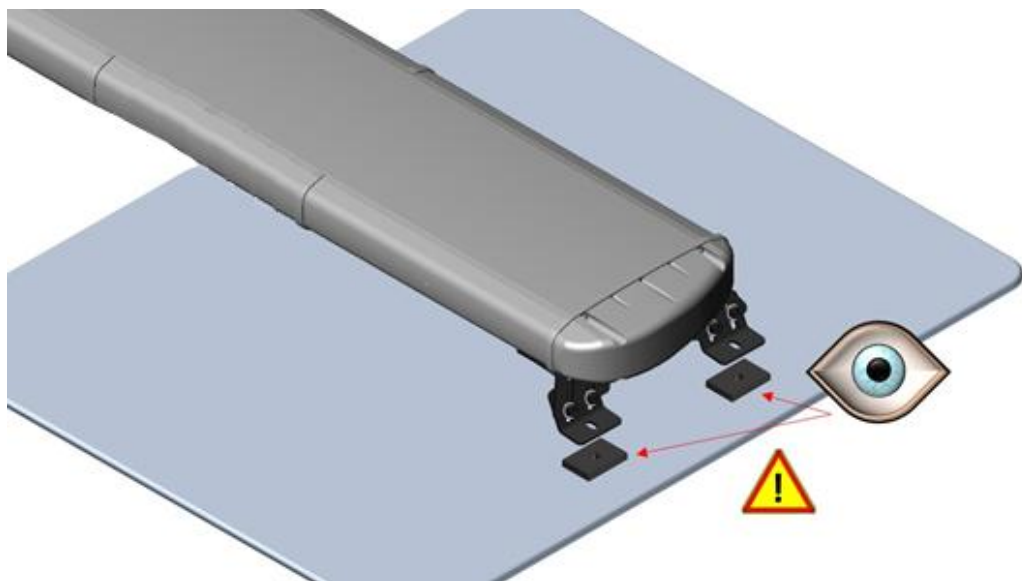
Provide a work platform adapted to the height of the vehicle roof on which the lightbar is to be installed.

**AVERTISSEMENT!**

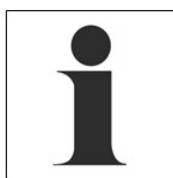
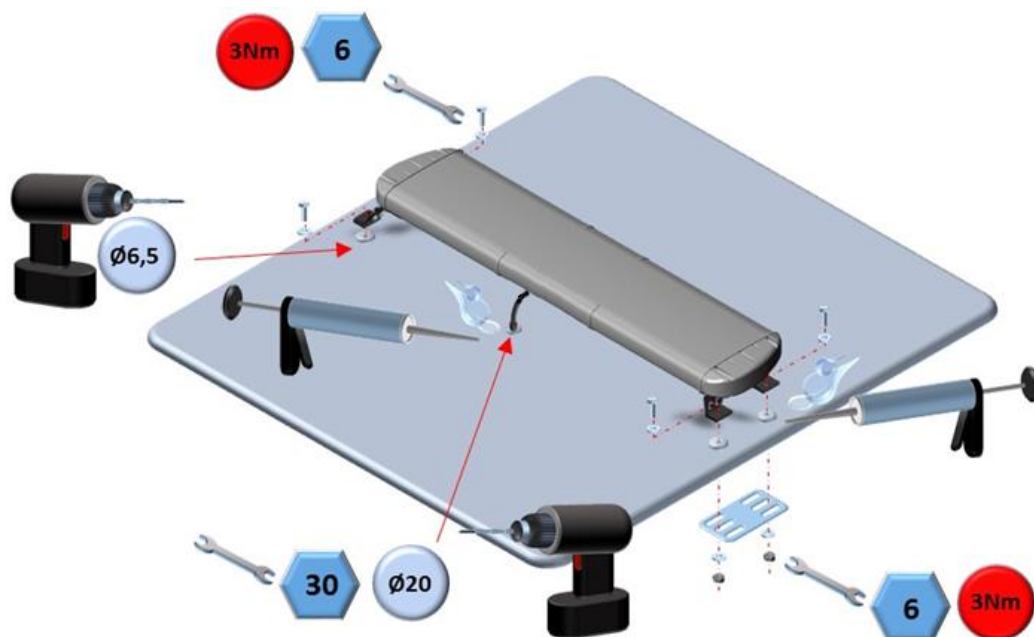
Provide lifting equipment suitable for the weight of the lightbar and for handling it during installation.

**ATTENTION!**

Be careful not to forget the rubber pads.



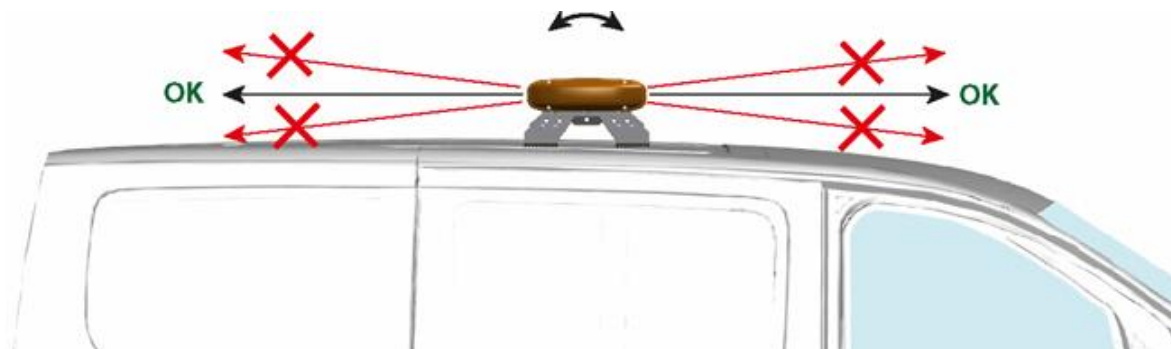




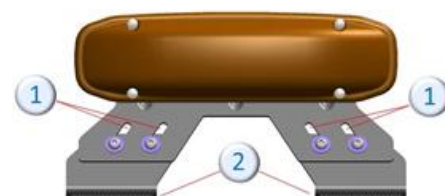
Each roof passage (screw and roof connector) must be sealed with silicone sealant suitable for the quality of the roof.



Adjust the slope of the ramp to horizontal.



1. Support base fixing screws
2. Rubber pads for support bases



The screws securing the support bases also allow for adjustment of the lateral and longitudinal inclinations.

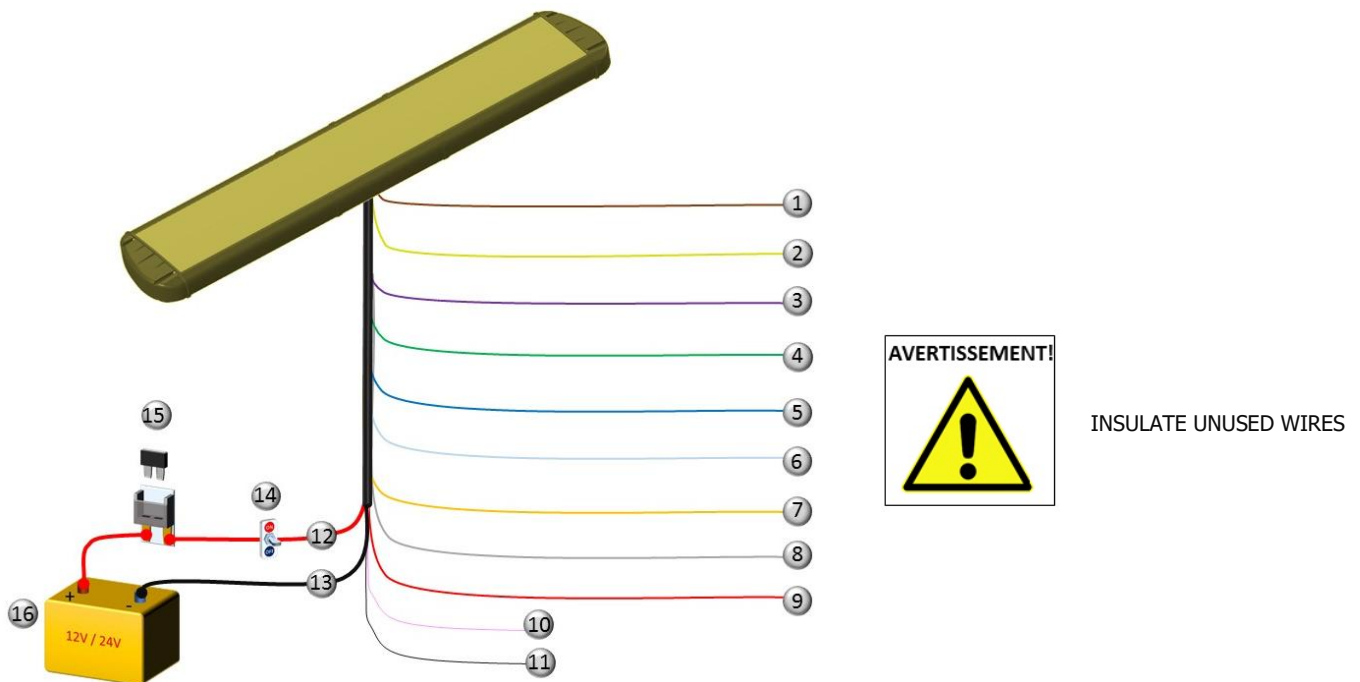
**TIGHTEN THE FASTENING SCREWS ON THE RAILING BASE TO A TORQUE OF 3NM.**

## 5. WIRING

### WARNING

FUNCTION CONTROLS ARE DRIVEN BY THE 'BATTERY PLUS'

The diagram illustrates the wiring principle for the lightbar independently of the control system. This may involve switches or CCS STANDBY-FRANCE electronic systems.

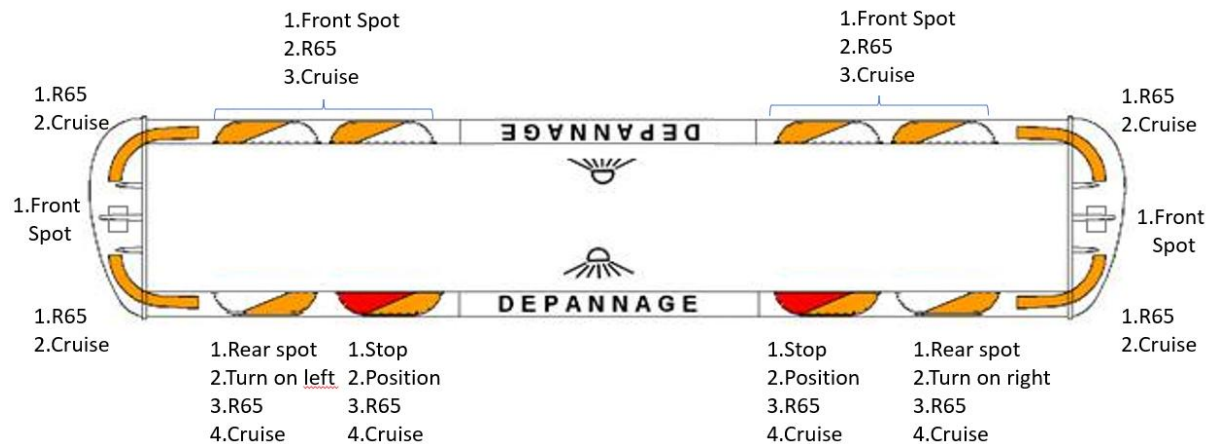


1. Brown wire : R65 flashing function
2. Yellow wire : Day/night and position lights (associated with the vehicle's position lights)
3. Purple wire: Right turn signal repeater (linked to the vehicle's turn signal)
4. Green wire: Left turn signal repeater (linked to the vehicle's turn signal)
5. Blue wire: Brake light (linked to the vehicle's brake light)
6. White wire: Rear white light
7. Orange wire: Cruise function\*
8. Grey wire: Front and side white lights
9. Red wire: Front and rear text backlighting\*
10. Pink wire: Not used and not connected in the strip
11. Black wire: Not used and not connected in the strip
12. Red wire 2mm<sup>2</sup>: "+" Power supply
13. Black wire 2mm<sup>2</sup>: Ground
14. General power supply control for the strip: not supplied
15. Fuse and fuse holder (15A) : not supplied
16. Vehicle battery : not supplied

\*TEXT BACKLIGHTING AND CRUISE MODE ARE ACTIVE BY DEFAULT.  
THEIR CONTROL ALLOWS THEM TO BE TURNED OFF.

THE POWER SUPPLY FOR THE RAMP  
CAN BE PROVIDED BY A POWER OUTPUT FROM A CCS STANDBY-France POWER SUPPLY UNIT  
(CCS 4 FUNCTIONS REF 34039 OR CCS 8 FUNCTIONS 34040)

## 6. GENERAL OPERATING PRINCIPLE



The diagram above shows the distribution of functions by priority for each traffic light, with '1' being the highest priority function and '5' the lowest priority function.

Activating a rank function '1' cuts off the lower rank function.

In all cases, R65 operation takes priority for corner lights, so it is ranked '1'.

The CRUISE function uses the same lights as those used in R65 mode. The control allows it to be switched off.

All models feature backlit text by default. The control allows it to be switched off.

The night function allows you to switch the lights from R65 class 2 mode to R65 class 1 mode (less dazzling at night).

The position lights are the red rear lights on the light bar. These are also used for the 'STOP' function, which is synchronised with the vehicle's brake lights. In this case, the red lights shine more brightly than in position light mode.

The turn signal repeater function occupies up to 2 lights on the rear left or 2 lights on the rear right of the light bar.

## CUSTOMER SERVICE

For any technical information, STANDBY-FRANCE CUSTOMER SERVICE is at your disposal :

- Website: <https://standbygroup.com/fr> Support section
- Email : [support-fr@standbygroup.com](mailto:support-fr@standbygroup.com)
- Telephone number: +33 (0)2 54 702 702

Our service is available Monday to Friday  
from 8:30 a.m. to 12 p.m. and from 1:30 p.m. to 5 p.m. (Fridays until 4 p.m.)

As part of our continuous improvement strategy, our staff are always happy to hear your comments about the installation and our equipment.