

EVOLVE PRO DATASHEET



Redtronic's Evolve Pro lightbar is the newest generation, aerodynamic, modular lightbar - like never seen before. Available in a total of 10 varying lengths, each lens section of the lightbar is independently silicone sealed, making water and dust ingress a thing of the past.

Through extensive CFD (computational fluid dynamics) testing along with practical field based tests, Redtronic have developed one of the most aerodynamic lightbars to ever exist which results in improved fuel efficiency and vastly reduced wind noise for those inside the vehicle.

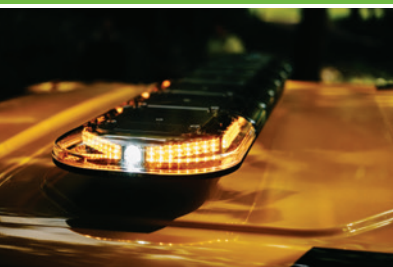
The Evolve Pro lightbar is available in single colour LED options as well as featuring clear or coloured lens options. The cable exit location can easily be changed without compromising the seal or affecting the product warranty.

The Evolve Pro has been designed to be as lightweight as possible. The design of the electrical circuit keeps current draw to a minimum, making the lightbar extremely EV (Electric Vehicle) friendly. The unique optic helps support a lightbar that is UV stable, long lasting and provides an exceptional light output. There is an integrated photosensor, that means each lightbar has an autoDim feature which can be enabled/disabled via the synchronisation cable.

The highly serviceable design of the lightbar means that in cases where damage occurs to any lens section, it can easily be replaced by simply unscrewing the 4 screws securing it to the aluminium extrusion without disrupting the rest of the lightbar. The logic of the lightbar design is that no matter what damage is incurred, the lightbar never has to be removed from the vehicle roof, as each lens section is independently sealed and connected via plug and play watertight connectors. In the rare occasion damage does occur and the elements breach the lens, it is impossible for water/dust to transfer between lens sections. It can turn VOR (Vehicle off road) repairs from days into minutes and allows workshops to easily replace parts being completely modular.

Each section includes air vents that allow effective air transfer in/out of the lens, eradicating the opportunity for condensation to accumulate. Waterproof/sealed connectors run through the base of the lightbar, allowing for a quick plug and play solution. There has never been a better opportunity for customers wishing to configure their own lightbar.

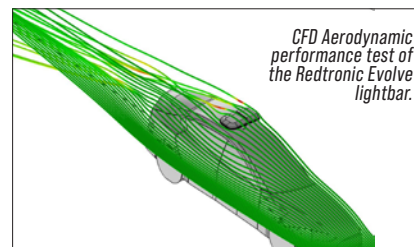
The Redtronic Evolve Pro lightbar meets the requirements of IP69K to protect against dust & water, is ECE R65 (Class II), EMC R10 approved and comes with a 5 year warranty. The Evolve Pro lightbar is manufactured in the UK by Redtronic.



MODULAR | SERVICEABLE | AERODYNAMIC



- Low-profile, aerodynamic & lightweight lightbar minimising wind noise
- Independently sealed modular lens sections to offer a highly serviceable design
- All models dual voltage (10 – 32 VDC)
- Low current electrical circuit designed with EV (Electric vehicles) in mind
- 5mm Ultra-strong UV stabilised polycarbonate lens
- Numerous preconfigured specifications & clear or coloured lenses
- User adjustable cable exit location
- Unique optics offering wide angle & intense light output
- AutoDim/Photosensor included as standard
- IP69K Dust & Water Resistance
- UN ECE R65 Class 2 (blue and amber) approved
- UN ECE R10 approved
- 5 Year Warranty
- Manufactured in the UK by Redtronic



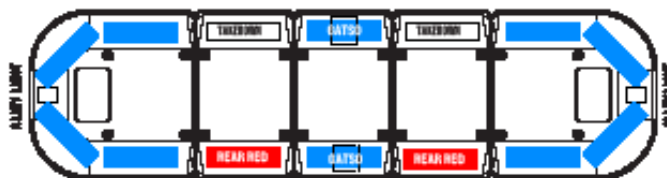
Evolve Pro configurations are available in clear and blue lens options. The configurations displayed below are examples options we offer. Should you require specific configuration details tailored to your needs, please do not hesitate to contact us.

☐ CLEAR LENS ☒ BLUE LENS

EXAMPLE CONFIGURATIONS:

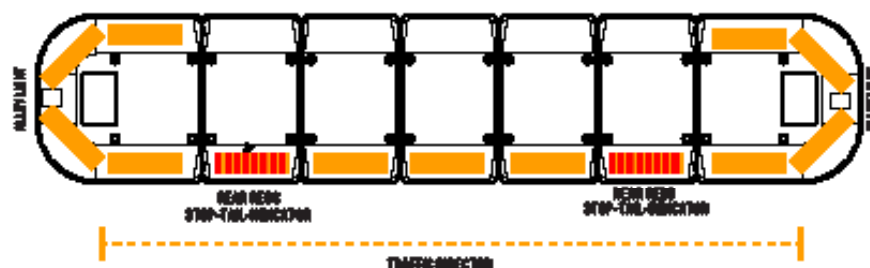
Example Emergency Configuration

104cm Length
Gatso Front & Rear
Clear or Coloured Lens Options
Approx. 7 Amps
Alley Lights
Rear Reds
Takedowns

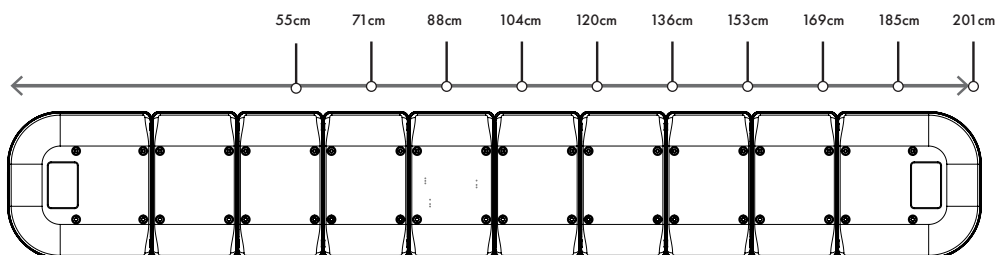


Example Safety Configuration

136cm Length
Clear or Coloured Lens Options
Approx. 6.5Amps
Alley Lights
Rear Reds
Stop Tail Indicators
Traffic Director



10 LENGTH OPTIONS AVAILABLE:



CONFIGURATION OPTIONS INCLUDE:

- Rear Reds
- Alley Lights
- Traffic Director
- Stop Tail Indicators
- Gatso
- Takedowns
- Flashing or steady burn

We offer a host of features. For any specific requirements please contact Redtronic.