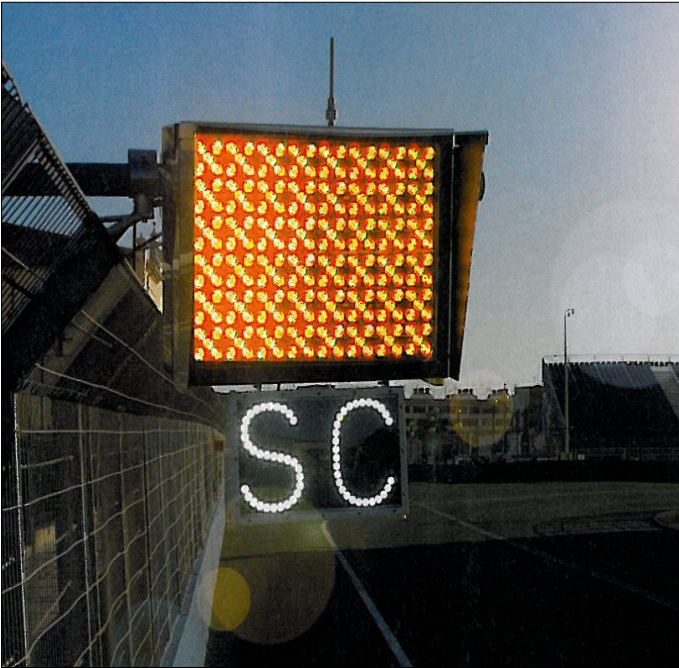


## MOTOR SPORT LED SAFETY CAR LIGHT



Speed in motor racing has increased dramatically over the years and cars have been developed to protect the drivers better than ever before.

Alongside car development, the race rules have also seen some significant changes to enhance safety. When an accident or incident occurs, rather than stop the race, modern rules allow the cars to continue under a safety car procedure where the race car's speed is regulated by a fast saloon car taking the race lead and slowing the drivers down.

This procedure in itself is not without risk and it is vital that the drivers know immediately when the safety car is on the track.

In 2008, an electronic marshalling system was introduced to provide extremely high brightness LED signs around the track which signal to the driver red, green, blue, red/yellow, yellow and white flags. The electronic flags work alongside traditional cloth flags

but have much better visibility, particularly in rain and spray conditions. In 2009, McGeoch were requested to continue flag development with an additional sign which clearly shows when safety car conditions exist.

The new safety car sign has now been homologated and proven in service. It consists of a large 'SC' in bright, lensed LEDs which match the very high light output of the existing marshal signs. The new unit is housed in a sealed, rugged enclosure which is suspended under and powered from the existing flags. The SC flag also has an active rear face which shows a miniature flag display and SC indicator. This addition is fitted so that a marshal behind the flag knows what is being displayed on the front face and helps in particular when the blue overtaking flag is raised sequentially around the circuit. Like the main flag, the SC sign can be operated locally or remotely by race control through secure coded radio links.

### General features

- Integration with race control protocol
- Light weight
- Power from diesel generator/global mains through existing flags
- Colours: red, green, blue, red/yellow and white
- Flashing capability
- Dimming capability

### Front face

- 68 high performance white LEDs form the SC characters, each with individual focussing optics
- High contrast background and clear protective cover



**The Safety Car Light is a Key Feature of the Marshalling Safety System - Winner of the 2009 World Expo Award for Safety Initiative**

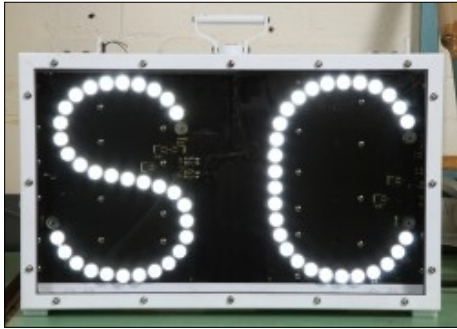


## Rear face

- 45 high intensity coloured LEDs show main flag colours through focussing optics
- 3 high intensity white LEDs for SC indication
- Integrated electronic control system links directly to host flag

## User Reaction...

- Italian Customer: "Bella! - The flags they are beeootiful!"
- Drivers: "Excellent!"
- FIA: "Approved!"



Front Face



Rear Face

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