

# SARCO INTEGRATED BLUE LIGHTS

VISIBILITY, SAFETY, FLEXIBILITY

Sarco Oy

Finland



## 2013

- \* Mercedes Benz Sprinter
- \* Volkswagen Crafter
- \* Fiat Ducato
- \* Peugeot Boxer
- \* Citroen Jumper
- \* Volkswagen T5 (high roof)

## Electronic devices and light systems for uniformed services

Sarco Oy is one of the leading integrated warning light supplier in Europe. Whenever reliable and endure products are required, Sarco provides quality products and know-how. Sarco constantly develop new technology and has long experience in the electronics and mechanical design and product development. All products are authority proved.

Sarco's streamlined blue light unit, which is integrated into the roof, matches the ambulance's overall bold and striking appearance perfectly and its penetrating lights are clearly visible to other road users.

Sarco provides complete integrated light systems, secondary warning lights, other electronic devices and power controlling systems based on canbus controlling protocol.

Sarco has complete solutions for the most common car models  
Mercedes Benz Sprinter, Volkswagen Crafter and T5 Fiat Ducato, Peugeot Boxer and Citroen Jumper.

Sarco also provide custom made products with customers own specification.

### Smooth line

We provide solution which not increase height of the vehicle but give possibility to have everything needed into one smooth looking spoiler

### Co-operation

Sarco has done complete projects for its customers like this box type ambulance for Hong Kong. Here Sarco did tailor maid light casings for customer needs.



### Why Integrated solution? Aerodynamics & Height

The integrated roof structure is not only attractive, but also ensures the vehicle's aerodynamic shape. It is thus less susceptible to wind reducing fuel consumption and wind noise inside vehicle.

### Endurance

LED lighting technology has an extremely long service life and it is very reliable, thus prolonging maintenance intervals. We grant a two-year guarantee on our products.

### Visibility

Visibility is important. Special attention has been taken into account in Sarco's Integrated Light System design to have ultimate visibility in traffic in all weather conditions.

### Maintenance

One of the main issues when we started to develop our new type of lights was the ease and time needed for maintenance. We can easily promise that in our integrated light system, the change time for a broken light will be less than 15 minutes per light. The special design allows you to do maintenance from outside the vehicle easily and quickly.

### Humidity

In traditional Light Bars, condensation is an everlasting problem. Sarco's Integrated Light System has been designed to prevent humid-

ity problems inside the light. The advanced circulating air design and special changeable air filters eliminate the humidity effectively.

### Benefit of the solution:

- Our edge mounting kit also increases output in assembly line not only because of easy installation but painting can already be done before installation
- Aerodynamic design lowers fuel consumption compared to the conventional Light Bar assembly
- Maintenance time will decrease- less than 15 minutes to change one light
- There will not be problems with sealing and humidity
- Sarco's integrated solution does not increase vehicle height



# Mercedes Benz Sprinter and Volkswagen Crafter

This solution fits into the Mercedes and Volkswagen Crafter middle high roof (316 and 319 model) 3665 mm wheel base. Product is surface mounting version and easy and fast to install. Basic colour is white, material is paintable also in different colours.

There are three different middle hatch versions available, basic, with text or with illumination sign.

Sarco's Integrated Light System is made of durable ABS material. Lenses are made of polycarbonate which gives lens flexibility preventing lens to break in case something hits it.

System consisting of following parts:

- Front Spoiler Part
- Rear Spoiler Part
- Front Middle Cover Hatch
- Light Casings
- LED Light Components
- Fans preventing humidity problems



## Fiat Ducato, Peugeot Boxer and Citroen Jumper

This solution fits into the Fiat Ducato, Peugeot Boxer and Citroen Jumper. Product is surface mounting version and easy and fast to install. No cutting to the roof needed for fitting spoiler part. Basic colour is white, material is paintable also in different colours.

There are three different middle part solutions available. Basic, with loudspeaker in a middle hatch and also possibility have search light in the middle of the loudspeakers.

Sarco's Integrated Light System is made of durable ABS material. Lenses are made of polycarbonate which gives lens flexibility preventing lens to break in case something hits it.

System consisting of following parts:

- Front Spoiler Part (three versions)
- Rear Spoiler Part
- Front Middle Cover Hatch
- Light Casings
- LED Light Components
- Funs preventing humidity problems



## Volkswagen T5 (high roof)

This solution fits into the Volkswagen T5 factory high roof. Product is Surface mounting version and easy and fast to install. No cutting to the roof needed for fitting spoiler part. Basic colour is white and paintable also in different colours.

Spoiler is made of GRB (glass-reinforced plastic). Lenses are made of polycarbonate

which gives lens flexibility preventing lens to break in case something hits it.

System consisting of following parts:

- Front Spoiler Part
- Rear Spoiler Part
- Front Middle Cover Hatch
- Light Casings
- LED Light Components
- Funs preventing humidity problems



Sarco Oy  
Niittyläntie 3  
00620 Helsinki  
FINLAND

Phone: +358 9 777 1500  
Telefax: +358 9 757 1942  
VAT-reg. FI19880685  
email: sarco@sarco.fi

[www.sarco.fi](http://www.sarco.fi)



**SARCO**  
**electronics**