

## RCS 100 FSS RLS 100 FSS

LED Signal for  
Railway Crossings

- **RCS 100FSS and RLS 100 FSS** have been developed for railway crossings as a warning signal for the trains. These maintenance free signals are equipped with two reliable LED units: RCS 100 FSS with 2 white and RLS 100 FSS with 1 red and 1 white LED units
- The signal is easy to customize and can be modified to different market needs
- Low maintenance cost because of robust enclosure and the long lifetime of the LEDs
- The enclosure is equipped with two 24 VDC signal units; as standard products there is a version with 2 white LED units and another version with 1 red + 1 white LED units available, but also other signal colours can be supplied
- Self monitoring with 2 optoisolated outputs giving the feedback that LEDs are OK and the signal unit is turned on
- Two level luminous intensity for day and night mode



## Main Technical Specification

<b>Visual lens size</b>	100 mm
<b>Lens material</b>	Polycarbonate
<b>Light source</b>	LEDs (Light Emitting Diodes)
<b>Luminous intensity day</b>	600 - 1000 cd
<b>Luminous intensity night</b>	100 - 200 cd
<b>Luminous divergence</b>	7 ° @ 50 % (±1 °) and 14 ° @ 10 % (±2 °) of top intensity
<b>Supply Voltage</b>	20 - 30 VDC, nominal voltage 24 VDC
<b>Power Consumption Day</b>	6 W - 10 W
<b>Power Consumption Night</b>	2,5 - 4 W
<b>Temperature range</b>	-40 ° - +40 °
<b>Control outputs</b>	2 optoisolated inputs : On/Off and Day/Night
<b>Control inputs</b>	2 optoisolated outputs: LEDs OK and Unit On
<b>Protection class</b>	IP 56
<b>Weight</b>	13 kg

## Product

### Railway crossing signal for trains

RCS 100 FSS      2 x white

### Railway locking signal for trains

RLS 100 FSS      red, white

### Separate signal units with 24 VDC interface

RO 100W      white

RO 100R      red

