

## TECHNICAL DATA

<b>Assembly</b>	A - for mounting on a column with a diameter of ø60; B - universal handle for mounting on a column with a diameter of ø76-100
<b>Application</b>	pedestrian crossings
<b>Ingress protection</b>	IP 65
<b>Material</b>	anodised aluminium alloy
<b>Operating temperature range</b>	from -30°C to +55°C
<b>Communication</b>	Wireless communication 2,4 GHz, range to 300 m
<b>Programmable activation time of the flashing light</b>	10, 13, 16, 19, 22, 25, 28, 31, 34, 37s
<b>Dimensions</b>	205 x 140 x 287 mm
<b>Battery energy storage</b>	cells LiFePO4, 12,8V 2,5Ah 32Wh
<b>Maximum electric power</b>	30 W
<b>Built-in battery charging power</b>	15 W



## TABLE OF VARIANTS

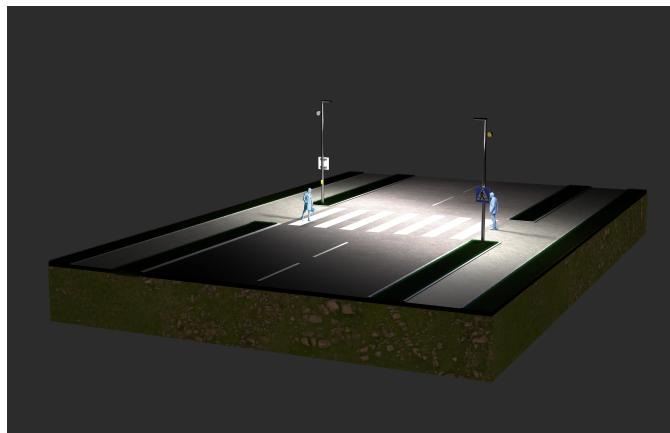
Code	Symbol	Battery type	Number of lamps	Handle type	Net weight
219901/A/C...	Signal lights set SAL PP M0200	-	1	A	4.2 kg
219901/B/C...	Signal lights set SAL PP M0200	-	1	B	4.5 kg
219902/A/C...	Signal lights set SAL 2xPP M0200	-	2	A	8.4 kg
219902/B/C...	Signal lights set SAL 2xPP M0200	-	2	B	9 kg
219904/A/C...	Signal lights set SAL 4xPP M0200	-	4	A	12.6 kg
219904/B/C...	Signal lights set SAL 4xPP M0200	-	4	B	13.5 kg
219801/A/C...	Signal lights set SAL PP M0200 AKU	LiFEPO 32 Wh	1	A	4.5 kg
219801/B/C...	Signal lights set SAL PP M0200 AKU	LiFEPO 32 Wh	1	B	4.8 kg
219802/A/C...	Signal lights set SAL 2xPP M0200 AKU	LiFEPO 32 Wh	2	A	9 kg
219802/B/C...	Signal lights set SAL 2xPP M0200 AKU	LiFEPO 32 Wh	2	B	9.6 kg
219804/A/C...	Signal lights set SAL 4xPP M0200 AKU	LiFEPO 32 Wh	4	A	13.5 kg
219804/B/C...	Signal lights set SAL 4xPP M0200 AKU	LiFEPO 32 Wh	4	B	14.4 kg

C... - selected anodizing colour

## SYSTEM DESCRIPTION

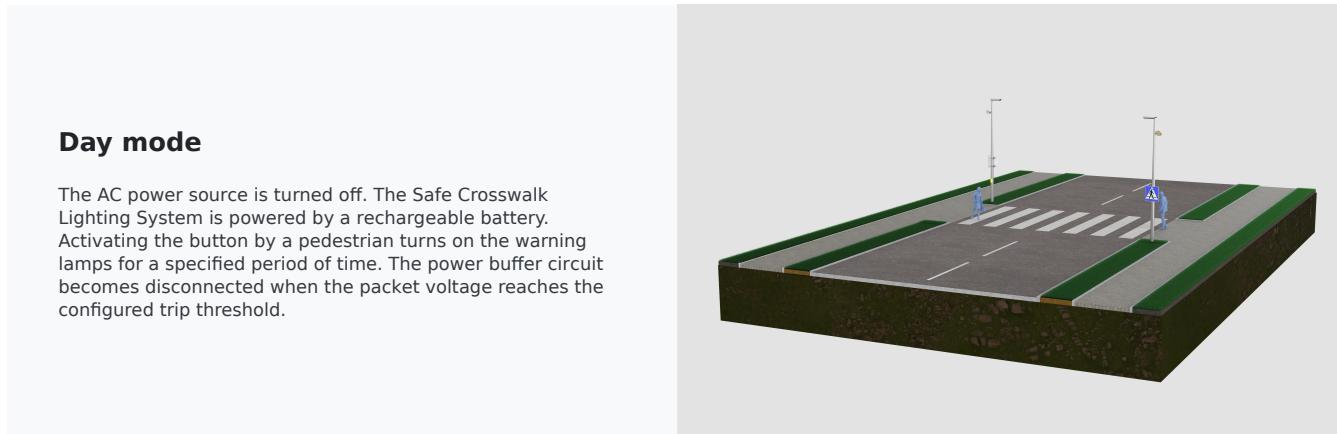
The signaling lamp is designed to be installed at pedestrian crossings. The blinking lamp warns vehicle drivers about the presence of pedestrians in the crossing. Activation can take place via a button installed on the column, or by means of a motion sensor detecting the presence of pedestrians. All lamps assigned to the same group, i.e. located on the same doorway, are switched on. Control within one passage is carried out based on wireless communication - thus eliminating the need to connect the systems on different sides of the road with control wires. Thanks to the use of a buffer power supply system with a battery energy storage, the system works around the clock also in circuits where the power is disconnected during the day - the buffer power supply system at night collects energy that is used during the day.

## SYSTEM OPERATING MODES



### Night mode

The Safe Crosswalk Lighting System is powered from the AC network. Activating the button by a pedestrian turns on the warning lamps for a specified period of time and increases the lighting power of street luminaires equipped with the "Line Switch" function. In night mode, the battery is charged and powers the system in day mode.



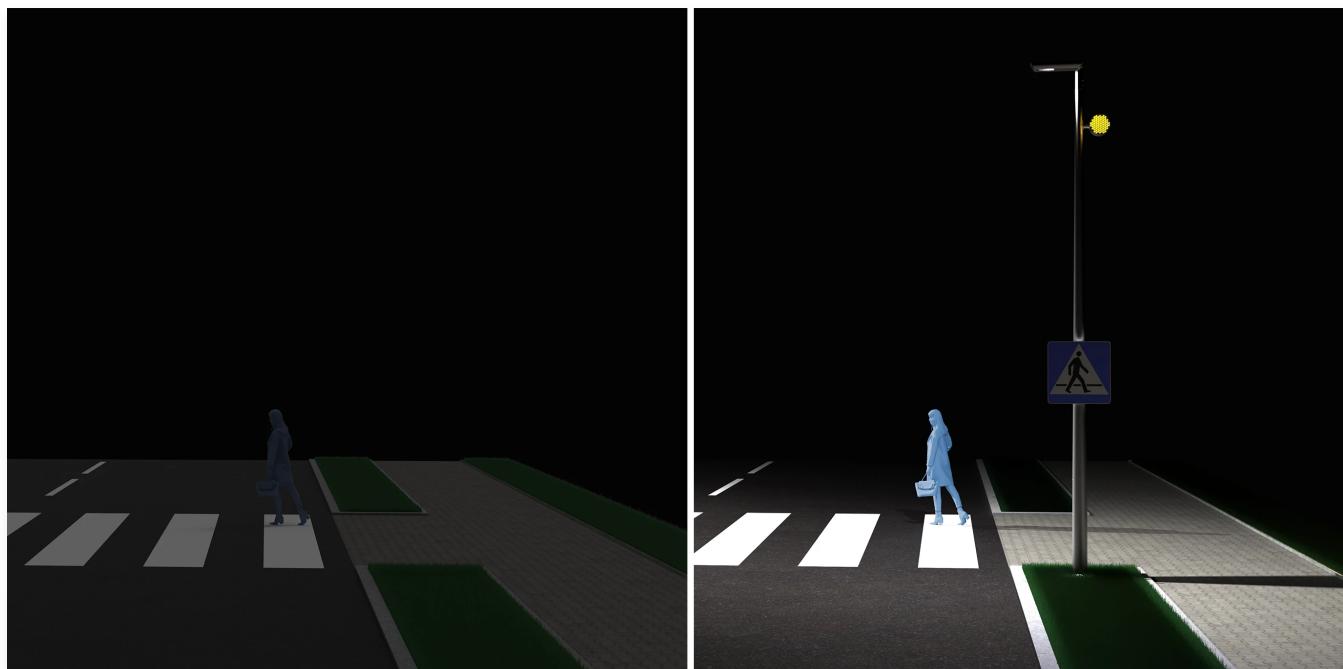
### Day mode

The AC power source is turned off. The Safe Crosswalk Lighting System is powered by a rechargeable battery. Activating the button by a pedestrian turns on the warning lamps for a specified period of time. The power buffer circuit becomes disconnected when the packet voltage reaches the configured trip threshold.



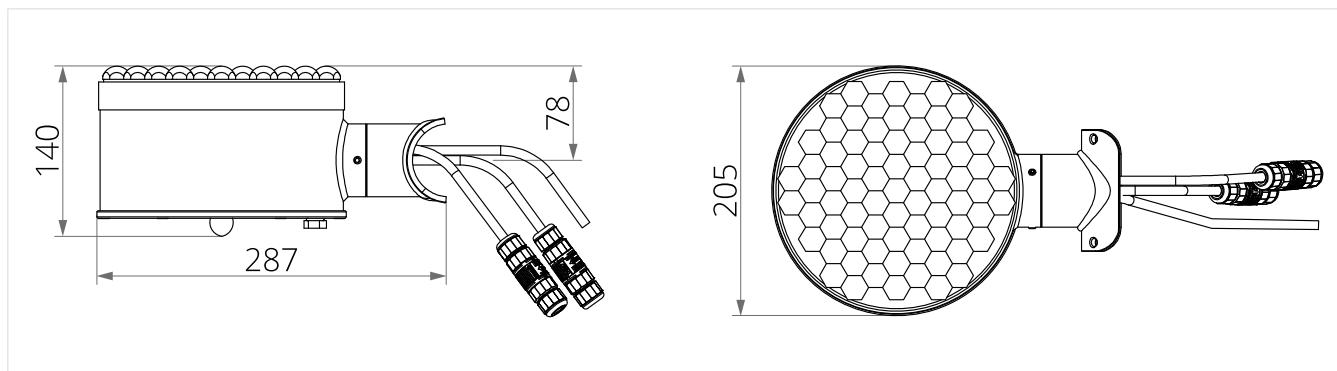
## Comparison of pedestrian crossings before and after modernization

A photograph illustrating the difference in safety and visibility.



### Dane Techniczne

SAL PP M0200 technical drawings.



In a typical version of the product, the cable lengths are as follows: power cord 5m; signal cable for pedestrian button 5 m; 2.5m lamp power cord. The standard lengths allow the system to be mounted on the SAL DL -10 pole.

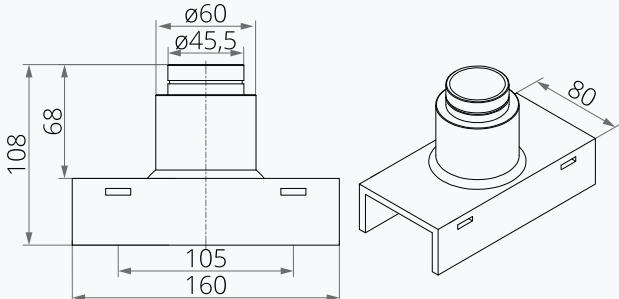
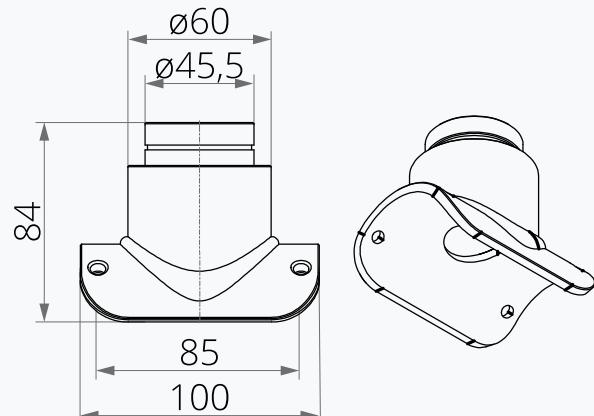
**If it is necessary to use cables of a different length, please contact the Sales Department of the ROSA company.**

## The mounting element of the set is the A or B handle (depending on the type of column):

Bracket A or B (depending on the type of pole):

### Handle A

a handle for mounting on a column with a diameter of  $\varnothing 60$  using screws ST6,3x19 (recommended installation on the SAL DL-10 column)



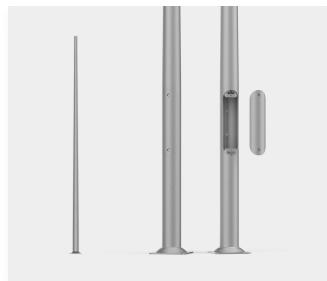
### Handle B

universal handle for mounting on a column with a diameter of  $\varnothing 76-100$  with the use of clamps

## RELATED PRODUCTS



**CUDDLE MINI LED REG**



**SAL-5**



**Signal requesting  
device Easyguide**

Code: 219700

# SIGNAL LIGHTS SET SAL PP M0200



**DIRECTIVES:** 2014/35/UE  
**STANDARDS:** EN 12352:2010