V11 Mobile Traffic Light with Countdown, Ø200 mm LED, Set of 2, without Batteries

Signs compliant with SR 1848-1:2024



AT A GLANCE

- Set of 2 mobile traffic lights with a countdown: yellow digits on the middle light.
- 3 Ø200 mm LED lights and a control unit on each light.
- Manual cable-free synchronisation; times from 1 to 495 s.
- 12 V supply (batteries not included); 46 kg per light, 92 kg the set.

Product code	**V11-21**
Category	**Warning Lights**
Weight	**92 kg**
Compliance	**Signs compliant with SR 1848-1:2024**

This product on attotrafic.ro
https://attotrafic.ro/en_US/products/semafor-mobil-v11-cu-numaratoare-led-o200-mm-set-2-bucati-fara-acumulatori

Technical specifications

Set contents	2 mobile traffic lights with countdown, each with its own control unit
Lights	3 x LED D-200 mm (red, yellow, green)
Countdown	yellow digits on the middle light (switched on from the menu)
Light intensity	automatic, by ambient light
Synchronisation	manual, cable-free (internal clock, START pressed on both units together)
Distance between lights	depends on the travel time through the section
Adjustable times	all-red, green phase 1, green phase 2
Time range	1-99 s (5-495 s in x5 mode)
Modes	alternating cycle, flashing yellow
Alarms	failed lamps, low battery, fuse

Power supply	12 V battery or 12 V power pack (not included)
Max. signal head power	32 W at 12 V
Autonomy	approx. 150 h (new 100 Ah battery, 20 °C)
Weight	46 kg per light, 92 kg the set
Length	80 cm (box of one light)
Width	50 cm (box of one light)
Height	180-235 cm in use (adjustable, folding pole); box 70 cm
Transport	wheeled trolley with handle
Operating temperature	-20…+70 °C
Compliance	CE, Directive 2004/108/EC (electromagnetic compatibility)
Trolley colour	Yellow RAL 1023

Description

A driver waiting at a red light in front of a works section does not know how long the wait will be and is tempted to set off early. On the V11-21, the middle light shows yellow numbers that count down the seconds to the change. Otherwise it is the same traffic light as the V11-20: two mobile lights, one at each end of the narrowed section, giving green to the two directions in turn. Under SR 1848-1:2024, the mobile traffic light is placed on a narrowed road section to direct the two directions of traffic alternately.

What the set contains

Two complete traffic lights, each on a yellow RAL 1023 wheeled trolley that holds the battery, with a cover that opens to 180°, a support foot and a handle. The pole carries the signal head with 3 Ø200 mm LED lights, with a countdown on the middle light, and each light has its own control unit.

Manual synchronisation

There is no cable between the two lights: each control unit keeps time with an internal clock. You bring the lights side by side, set the same times on both, press START on the two units at the same moment, and only then take them to the ends of the section. Because they are not linked, the distance between the lights depends only on how long vehicles take to drive through the section. The lights must be synchronised again at least every 6 days, and while they run, staff must be present in the work zone.

Times and countdown

You set the red time in both directions and the green times for the two phases, each from 1 to 99 seconds, or from 5 to 495 seconds in x5 mode; from the factory they are 10 seconds. The countdown is switched on from the control unit's menu. One button switches the light to flashing yellow and back to the normal cycle.

Safety and power

The unit constantly checks the lamps and the battery and shows a code for a failed light, a low battery or a blown fuse; if the red light fails, the traffic light switches itself to flashing yellow. Each light runs on a 12 V battery or a 12 V power pack, not included. With a new 100 Ah battery, the tested autonomy is about 150 hours at 20 °C, and the light intensity adjusts automatically to the ambient light.

Weight and transport

One traffic light weighs 46 kg and the set 92 kg. The trolley box of one light measures 70 × 80 × 50 cm (height x length x width). The pole folds over the trolley for transport, and opened, the light's height adjusts between 180 and 235 cm. It works from -20 to +70 °C.

Without countdown and spare parts

The version without a countdown is the V11-20. Both use the V11-CONTROL control unit. The V11-D200-R, V11-D200-Y and V11-D200-G LED lights are for the V11-20 only.

What the roadworks rules require (Order 1112/411/2000)

SR 1848-1:2024 provides the portable traffic light (V11) for a narrowed road section, to alternate the two directions of traffic. The methodological rules approved by Order MI/MT no. 1112/411/2000 allow three systems for alternating traffic: priority signs, traffic marshals, or traffic lights for automatic control, supplemented with priority signs. The system is chosen by traffic volume and section length; alternating traffic cannot be organised on a work section longer than 1,200 m. The section is announced in advance with the U9 (Traffic lights) temporary sign or the U34 panel.

The contractor installs the signing to the layout approved by the road authority with the traffic police's agreement, maintains and completes it for the whole job and removes it at the end; accidents caused by incomplete or missing temporary signing are entirely the contractor's responsibility.

Drawings and details · 1/3

Dimensiuni

Dimensions

cm

V11-21



Pliat, pentru transport

Folded, for transport



Lungime 74 cm în funcțiune, 84 cm pliat. Lățime 47 cm.
Length 74 cm in use, 84 cm folded. Width 47 cm.
Cutia de carton a unui semafor: 70 x 80 x 50 cm. 46 kg un semafor, 92 kg setul. Cărucior RAL 1023.
The carton of one light: 70 x 80 x 50 cm. One light 46 kg, the set 92 kg. Cart in RAL 1023.

V11-21 dimensions

Drawings and details · 2/3

Detalii **V11-21**
Details



Cifre galbene pe lumina din mijloc
Yellow digits on the middle light



Se pliază cu capul culcat pe cărucior
Folds with the head lying on the cart



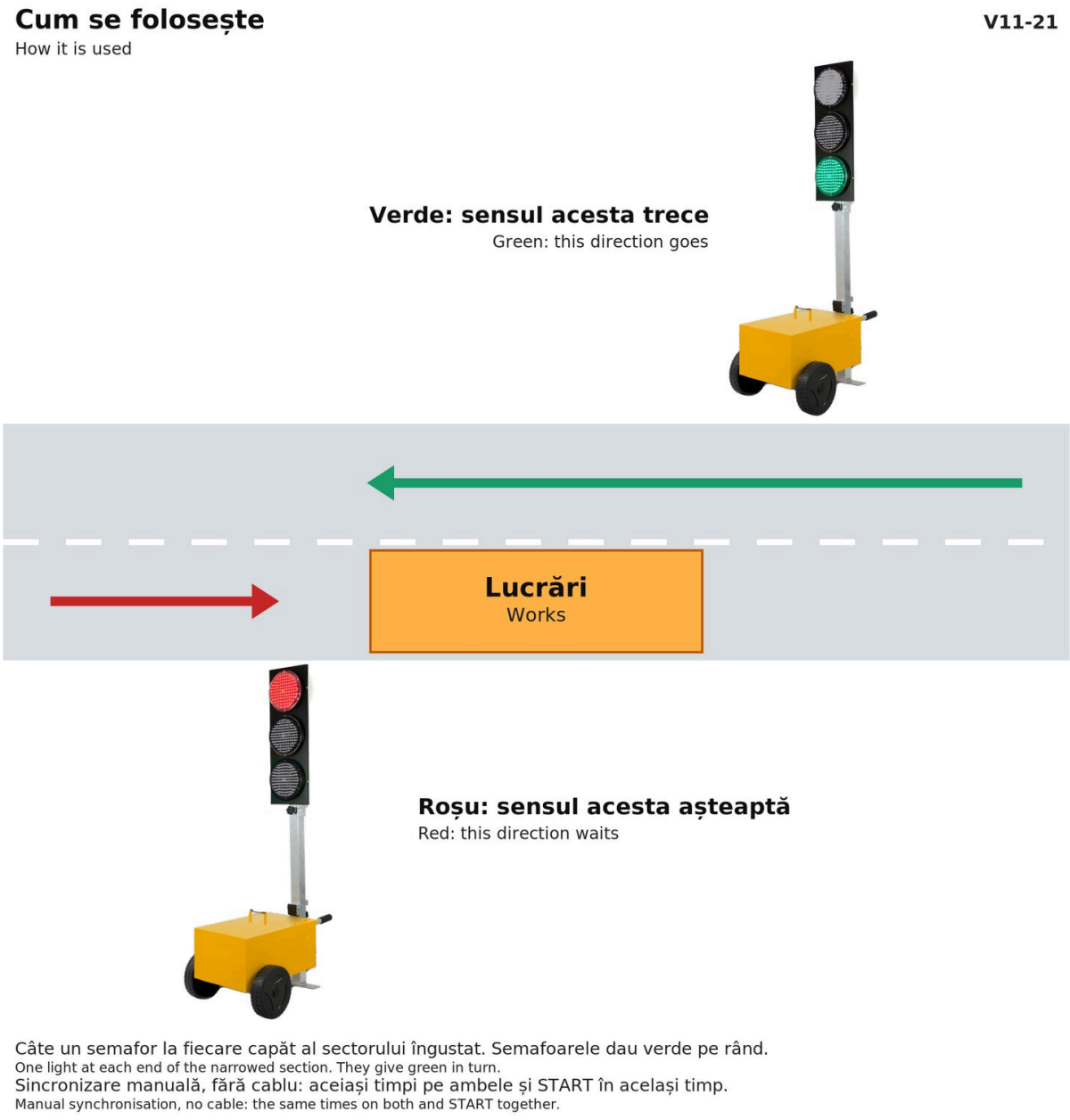
Acumulator (neinclus) și unitate de control, în cutie
Battery (not included) and control unit, inside the case



Cărucior cu roți, picior de sprijin și mâner
Cart with wheels, stand and handle

V11-21 details

Drawings and details · 3/3



V11-21: how it is used