Solar Road Stud with Red LEDs, Aluminium, 14.5×12.5 cm



AT A GLANCE

- Solar road stud, aluminium and polycarbonate body.
- 14.5 × 12.5 cm, 2.8 cm high, 450 g.
- 6 flashing red LEDs, 3 facing each way.
- 0.4 W solar panel, 2000 mAh NiMH battery, IP65.
- 2 anchors and 2 screws, included.

Product code	**ATE 11920**
Category	**Road Studs**
Weight	**0.45 kg**

This product on attotrafic.ro
https://attotrafic.ro/en_US/products/buton-rutier-solar-cu-led-rosu-aluminiu-14-5×12-5-cm

Technical specifications

Type	Solar road stud with flashing LEDs
Material	Aluminium body, polycarbonate cover
Colour	Grey body, red LEDs
Solar panel	Monocrystalline, 5.4 × 6 cm, 3 V / 0.4 W
Battery	NiMH, 1.2 V, 2000 mAh
LED	6 red Ø5 mm LEDs, 3 facing each way
Flashing	120 flashes per minute
Run time	All night, after a day of charging
Visibility	100 m, at night
Protection	IP65
Operating temperature	-20 … +60 °C
Installation	2 screws and 2 anchors, included; no wiring

Description

A reflective stud only shows when headlights hit it. The ATE 11920 lights up by itself: during the day the solar panel on top charges the battery, and at night its 6 red LEDs flash, 3 facing each direction of travel. After a day of charging, it works all night. It is used for marking out traffic lanes, and red is a good fit for places vehicles should not cross.

Technical data

- dimensions: 14.5 × 12.5 cm, 2.8 cm high;
- aluminium body with a polycarbonate cover;
- monocrystalline solar panel 5.4 × 6 cm, 3 V / 0.4 W;
- 1.2 V NiMH battery, 2000 mAh;
- 6 red Ø5 mm LEDs, 3 + 3, flashing 120 times a minute;
- IP65 protection, works from -20 to +60 °C;
- weight: 450 g.

Installation

It is fixed with 2 anchors and 2 screws, included. It needs no cables, so it can go where there is no power supply. Choose a spot that is not in shade all day, so the panel can charge the battery.

Where it is used

Along an unlit driveway, at a car park exit, on traffic islands or along the edge of a ramp, wherever you want the marking to be visible without headlights.

Without LEDs

For the same kind of fixing without a solar panel, the aluminium ATO 5160 stud has 4 glass lenses.

Drawings and details · 1/3

Dimensiuni
Dimensions
mm

ATE 11920



Adâncime (din față în spate): 125 mm
Depth (front to back): 125 mm

145 x 125 x 28 mm, Corp din aluminiu, capac din policarbonat. Corp gri, LED-uri roșii; greutate 450 g.
145 x 125 x 28 mm, Aluminium body, polycarbonate cover. Grey body, red LEDs; weight 450 g.

6 LED-uri roșii de Ø5 mm, câte 3 spre fiecare sens; panou solar monocristalin, 5,4 x 6 cm, 3 V / 0,4 W.
6 red Ø5 mm LEDs, 3 facing each way; solar panel monocrystalline, 5.4 x 6 cm, 3 V / 0.4 W.

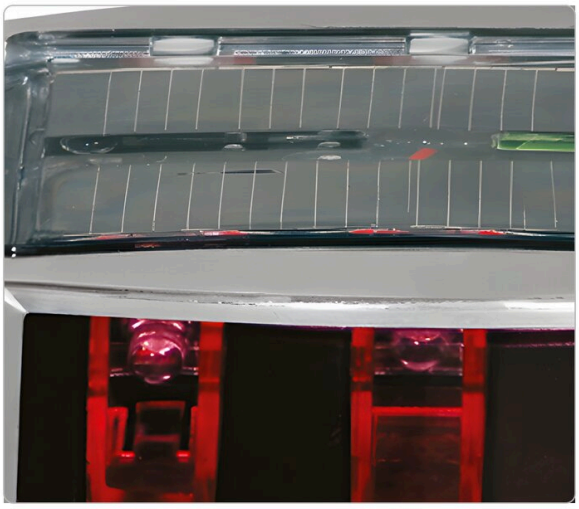
Montaj: 2 șuruburi și 2 dibluri, incluse; fără cabluri.
Installation: 2 screws and 2 anchors, included; no wiring.

ATE 11920 dimensions

Drawings and details · 2/3

Detalii
Details

ATE 11920



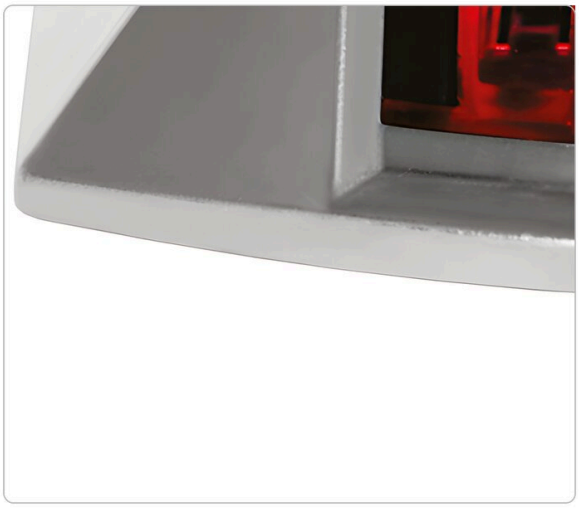
Panou solar 5,4 x 6 cm, 3 V / 0,4 W
Solar panel 5.4 x 6 cm, 3 V / 0.4 W



LED-uri roșii Ø5 mm, câte 3 pe fiecare parte
Red Ø5 mm LEDs, 3 on each side



Capăt înclinat, cu locaș pentru șurub
Sloped end with a screw recess



Corp din aluminiu
Aluminium body

ATE 11920 details

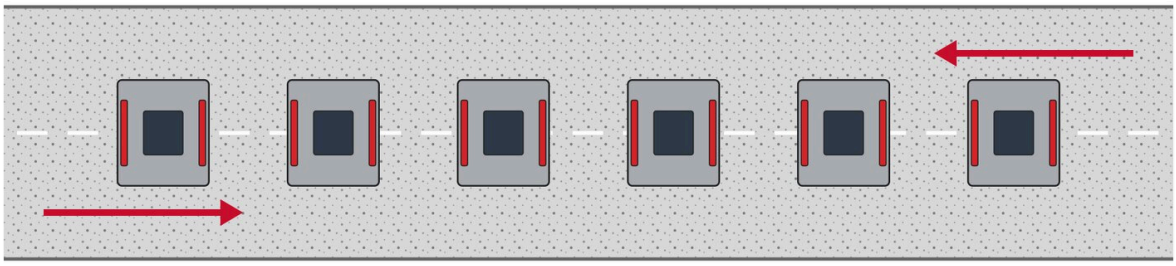
Drawings and details · 3/3

Cum se montează
How it is fitted

ATE 11920

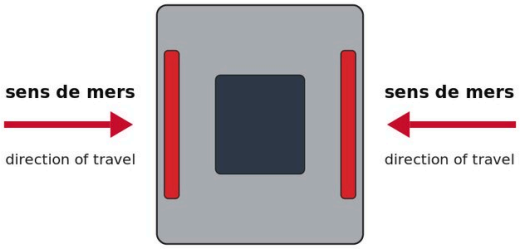
Exemplu: pe axul unei alei cu dublu sens

butonii, mărit

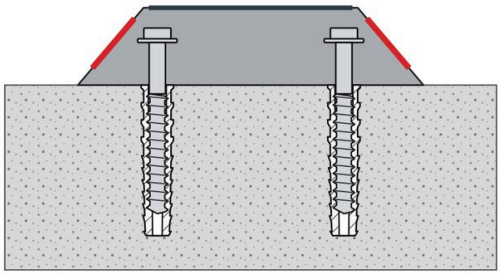


Example: on the centre line of a two-way driveway · studs enlarged

Orientare, văzut de sus
Orientation, seen from above



Secțiune schematică
Schematic section



Șuruburi și dibluri, în găuri date în asfalt sau beton
Screws and anchors, in holes drilled in asphalt or concrete

Montaj: 2 șuruburi și 2 dibluri, incluse; fără cabluri.
Installation: 2 screws and 2 anchors, included; no wiring.

Alege un loc care nu stă toată ziua în umbră, ca panoul să încarce bateria.
Pick a spot that is not in shade all day, so the panel can charge the battery.

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