

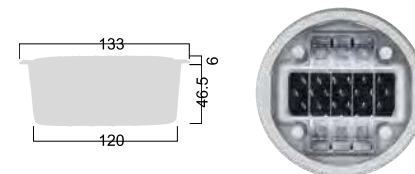
Sg2

FLUSH MOUNT PHOTOVOLTAIC LED MARKER

: 20 T/m²



EVEN IF CARRIAGEABLE THE PRODUCT MUST BE INSTALLED OUTSIDE OF THE ROADWAY



COMPLIANCE	EN1463-3		
LED COLOUR	<input type="radio"/> SINGLE SIDE	<input type="radio"/> DOUBLE SIDE	
LIGHT	STEADY	FLASHING	
WORKING	<input checked="" type="radio"/> ONLY NIGHT	<input type="radio"/> STORAGE	NI-MH BATTERY
MATERIAL	DIE-CAST ALUMINUM		
DIMENSIONS	Ø133 X 52.5 MM		



BEATO signal d.o.o.
 PROJEKTIRANJE, IZRADA, UGRADNJA I ODRŽAVANJE PROMETNE I
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Sg2 LED ROAD MARKER

OPERATING INSTRUCTION

Storage rules:

In order to reduce the discharge of the accumulator, the devices are provided whit a magnet glued by adhesive tape, able to interrupt the power supply.

Remove the magnet before installation

Expose the device to the sunlight periodically, minimum 8 hours per month.

Installation procedure:

During the first installation, the device must be exposed an entire day to the sunlight in order to let it able to work correctly.

The maximum power will be reached after a pair of days of working.

The common application of this device is out of carriageway.

For a correct procedure follow the instructions below:

- Make sure there are no obstacles to the sunlight (trees, buildings, and so on).
- Prepare the roadway for installation of devices.
- Place the marker at the same level of the roadway.
- Use epoxy pourable grout or resin to fill in the free space around the marker. These chemical products are recommended for mechanical strength and chemical resistance. We DON'T advice to use set cement for this work because cement tend to erode itself with elapsing time.

ATTENTION: Protect the device from vehicle and people crossing at least the time indicated by adhesive manufacturer.

		FEATURES			
Description		Flush mount photovoltaic markers			
Code		19540	19542	19547	19549
Light source	Number of led	3	3+3	3	3+3
	Color	White	White	White	White
	Typology	Flashing	Flashing	Steady	Steady
	Brightness [cd]	>2	>2	>2	>2
	Beam angle	Horizontal		Vertical	
Function	+/-7,5° 0° ± 15° Twilight				
Optic feature	Single side Double side Single side Double side				
LED lifetime [hrs]	>50000				
Technical data	Working voltage [V]	3,5			
	Nominal power [W]	0,326			
	Current [A]	0,85			
Solar panel	Si Mono-crystal panel				
Source	Ni-MH Battery				
Accumulator	Typology*	1.1Ah			
	Capacity	1.1Ah			
	Autonomy**[hrs]	>150	>150	>80	>80
Working range temperature [°C]	-10+ +55				
Carriagable [t/m ²]	20				
Degree of protection	IP68				
Housing	Die cast aluminum				
Dimensions	height[mm]	53			
	diameter[mm]	133			
	Weight[kg]	0,65			

*Autonomy is referred after full charging for continuous working without light sun.

Installation

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VER 1.0		Approved	Approved
31 / 05 / 2016		TEC	AQ

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