

Sputnik mini HTB

The new LED- warning device Sputnik mini impresses with its compact dimensions and the simple installation method in the round drill hole. With 2 lamp bodies the system can be used as front flasher. A HT solution is homologated with 6 Sputnik minis, whereby the lamp bodies in the middle can be replaced by special Sputnik SL or Sputnik Compact. The beacon as HT solution consists of several optical systems, therefore it is not a directional beacon (front flasher).



Lamp body dimensions:
27 mm x 28 mm
(Diameter x height)



PRODUCT FEATURES:

- very compact design for universal use (front, rear, mirror **, wind deflector **, light pole **)
- housing: aluminium
- external electronics for up to 2 lamp bodies
- vehicle-specific HT solutions available: MB Sprinter, VW T6, further volume models or projects on request
- various areas of applications: homologation as directional beacon and as half beacon (functional beacons on request)

** First it must be clarified whether homologation has been granted by the relevant registration office.

VARIATIONS:

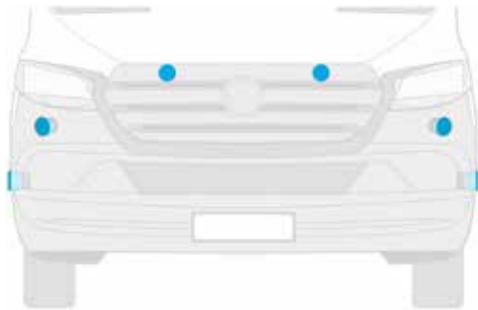
1. HT system consisting of 6 lamp bodies Sputnik mini
2. HT system consisting of 4 lamp bodies Sputnik mini & 2 lamp bodies Sputnik SL (Y-cable for easy electrical connection available)
3. HT system consisting of 4 lamp bodies Sputnik mini & 2 lamp bodies Sputnik Compact (Y-cable for easy electrical connection available)

Sputnik mini HTB

①

System consists of:

- 4 lamp bodies Sputnik mini with mounting ring (rubber)
- 2 lamp bodies Sputnik mini with mounting shell 10°



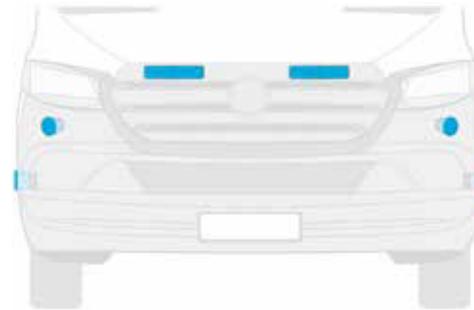
Voltage: 12 V / 24 V multi voltage
Flash pattern: synchronous

Technical data:		
Material	Housing:	aluminium, black anodised
	Cover glass:	PC
	Electronics:	PA
Dimensions:	Lamp body:	ø 27 mm / depth 28 mm
	Electronics:	95.5 x 26 x 13 mm (WxHxD)
Weight:	Lamp body:	25 g
	Electronics:	245 g
Type of protection:	IP6K7 / IPX9K	
Temperature range:	-40°C to +60°C	
Avg. power consumption*:	0.8 A at 12 V 0.5 A at 24 V	
Peak*:	2.3 A at 12 V 1.1 A at 24 V	
* electronics with 2 lamp bodies		
Flash pattern:	Strobe flash (configurable)	
Homologations: (Germany and international)		
Light according to ECE-R 65:	HTB1 (E5) 00 064 (Ver.1)/HTB1 (E5) 00 066 (Ver.2)/HTB1 (E5) 00 067 (Ver.3)	
EMC according to ECE-R 10:	(E1) 10R-05 8617	

②

System consists of:

- 2 lamp bodies Sputnik SL
- 4 lamp bodies Sputnik mini with mounting shell 10°



Voltage: 12 V / 24 V multi voltage
Flash pattern: synchronous, alternating
Option:
activation control (only Sputnik SL)

③

System consists of:

- 2 lamp bodies Sputnik Compact
- 4 lamp bodies Sputnik mini with mounting shell 10°

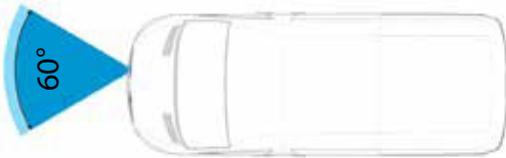


Voltage: 12 V / 24 V multi voltage
Flash pattern: synchronous, alternating

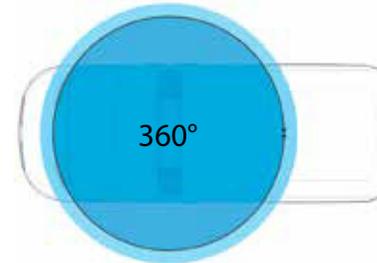
What is a T solution or an HT solution?

T solutions or HT solutions are beacons (rotating or fixed beacons) for flashing light that intermittently light out around their vertical axis (Category T and HT).

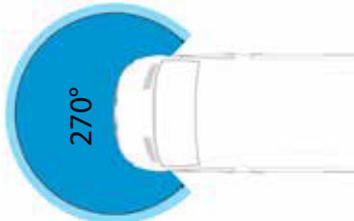
Angle of radiation for directional beacons
According to category X:



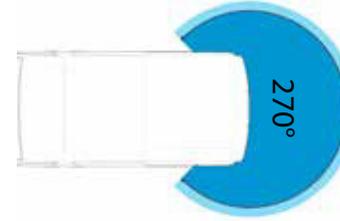
Beacons according to category T radiate 360° to intermittently light out around its vertical axis.



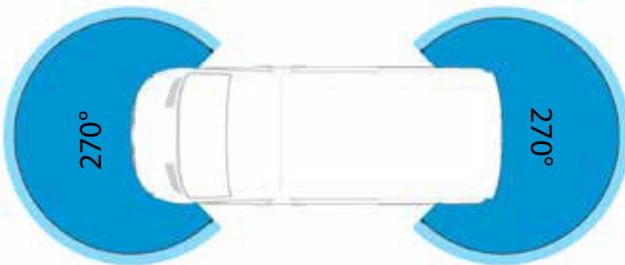
Beacons according to category HT radiate 270° (from 135° left to 135° right) to intermittently light out around its vertical axis.



seen from the front of the vehicle



seen from the rear of the vehicle



With the Hänsch HT solutions, you can provide the legally required geometric visibility even if the mounting of conventional beacons is not possible due to the structural conditions.

The HT solution, also referred to as a half beacon or semi-continuous bar, can be mounted on the front or rear of the vehicle or can be integrated into the vehicle body.

The various solutions from Hänsch consist of 2 to 6 lamp bodies, providing maximum flexibility in vehicle design. Through the HT solutions Sputnik mini and Sputnik SL the earliest possible warning effect, when mounted at the front of the vehicle, can be ensured e.g. in the crossing area or at exits.