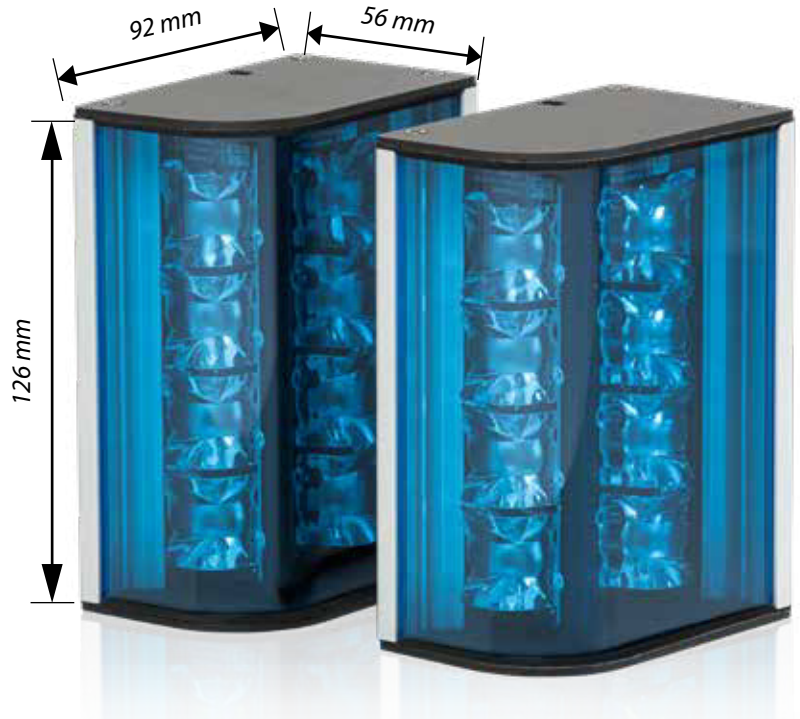
INTEGRO Universal LED module

To identify special-purpose vehicles in use, this flexible LED module with K2 homologation can be integrated into the roof structure at the front and rear. One module, two attachment variations: the compact solution provides an additional warning effect and increased safety in road traffic.



Homologation (Germany and international):	
Light according to ECE-R 65:	HTB2 (E1) 00 3851 (blue)
EMC according to ECE-R 10:	(E1) 10R-05 4465

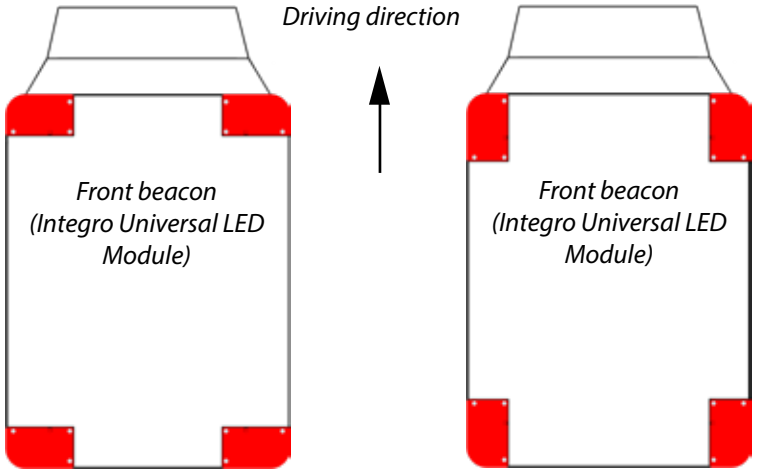
This product's certification is only valid if used pairwise in the front and/or the rear of the vehicle.

PRODUCT FEATURES:

- one system consists of two identical lamp modules
- including day/night switching
- 8 high-power LEDs with wide angle lenses
- integrated control technology
- connection for function monitoring
- 270° angle of radiation
- synchronisation with several modules possible
- homologation as half beacon
- colours: also available in amber and red

INTEGRATION OPTIONS:

- The LED modules can be attached at the front and/or rear of the special-purpose vehicle respectively in the roof fitting of the vehicle.
- A pair of Integro LED modules (front or rear) can be replaced by a beacon or a roof lightbar system.



Integro Universal LED Module (long side of the module)

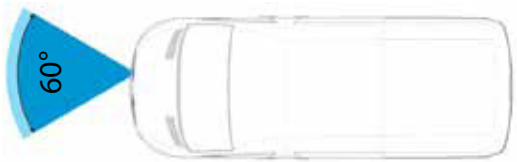
Integro Universal LED Module (short side of the module)

Hänsch®

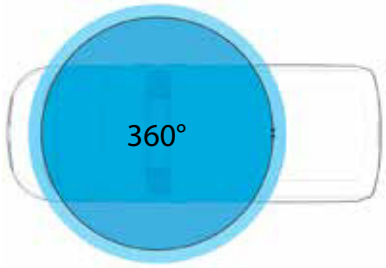
What is a T solution or an HT solution?

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).

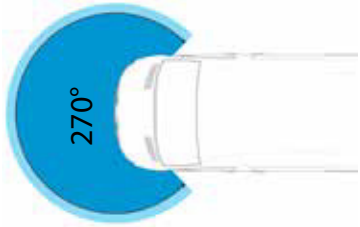
Angle of radiation for directional beacons
According to category X:



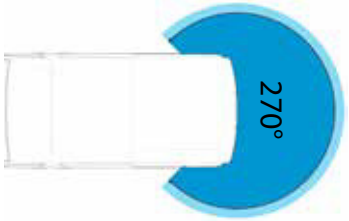
Beacons according to category T radiate 360° to intermittently light out around its vertical axis.



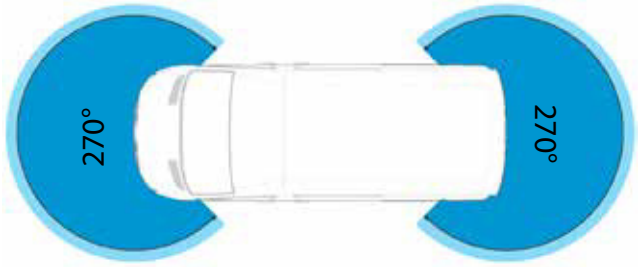
Beacons according to category HT radiate 270° (from 135° left to 135° right) to intermittently light out around its vertical axis.



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.