



BRIEF INFORMATION

Corner Module 270

- Set of two modules is homologated as “half bar” (amber: ECE R65 HTA1 / blue: ECE R65 HTB1)
- Wide angle coverage of at least 270° by using two modules and 360° by using four modules
- Synchronization of 2 or 4 modules
- Integration in the vehicle or on-top mounting

PRODUCT FEATURES

The Corner Module 270 is a special wide angle warning light which is approved as a “half bar” as a set of two modules and offers a new alternative to conventional beacons. Two modules illuminate an area of at least 270° at a distance of 20 m from the vehicle. They can be integrated into the vehicle body or mounted on top by using a bracket. For mounting the product on top, suitable brackets are included for the amber version.

The housing is black and a flashing amber or blue warning light creates attention around the vehicle. It is possible to create a double flashing pattern and synchronize the modules. The modules must be positioned at a 45° angle in regards to the driving direction of the vehicle to match the legal requirements for mounting.

APPLICATION EXAMPLES



Integration

In order to integrate the elements into the vehicle body, appropriate space must be planned. There are legal requirements to be observed, so that the modules must be positioned at an angle of 45° to the driving direction of the vehicle.



Bracket mounting

The supplied brackets are used for surface-mounting of the product. It is important to position the modules at an angle of 45° to the direction direction of the vehicle in order to meet the legal requirements for mounting. For the blue version, the brackets are not included in the scope of delivery, but are available on request.



TECHNICAL DETAILS



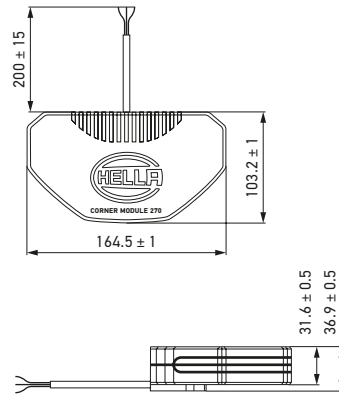
Technical data

| | Amber | Blue |
|---------------------|---|--|
| Rated voltage | Multi-voltage | |
| Operating voltage | 12 / 24 V | |
| Current consumption | Max. 2.5 A for one module | |
| Power consumption | Max. 30 W for one module | |
| Light function | Flashing | |
| Light source | LED | |
| Material | Lens: polycarbonate Housing: PC-ABS | |
| Weight | 318 g | |
| Temperature range | -40 to +60 °C | |
| Protection Class | IP 6K7, IP 6K9 | |
| | ECE-R65 HTA1 | ECE-R65 HTB1 |
| Type approval* | Valid only for the set of two modules | |
| | | |
| EMC protection | CISPR 25 Cl. 5 | |
| Mounting | Integration, bracket mounting | Integration (bracket mounting on request) |
| Connection** | Cable length: 200 mm, cable ends open | Cable length: 200 mm, 3-pin. AMP-SUPERSEAL |

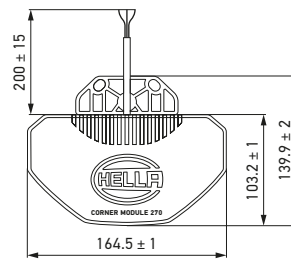
* Vehicle specific T-Homologation is possible on request

** Other electrical connections on request

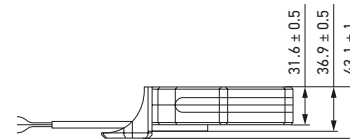
Dimensional sketch



Integration



Bracket mounting



PROGRAM OVERVIEW

| Product picture | Description | Part number | VPE* |
|-----------------|---|------------------------|------|
| | Corner Module 270, flashing, amber, set of two modules | 2XD 455 355-001 | 1 |
| | Corner Module 270, flashing, blue, set of two modules | 2XD 455 355-807 | 7 |

* Packaging unit