



BRIEF INFORMATION

K-LED Nano 50, 80 and 120

- › Our entry level beacon has expanded into a portfolio of three sizes
- › Designed for a wide range of applications
- › Available as rotating or flashing version for fixed or pipe socket mounting
- › K-LED Nano 80 and 120: Customisable with the addition of a customer's logo

PRODUCT FEATURES

Introducing our new K-LED Nano 50, 80 and 120 series – the expanded version of the popular K-LED Nano range. These upgraded models come with exciting new features, focusing primarily on size, color and the option to personalize with your logo.

The K-LED Nano 50, 80 and 120 beacons are designed to enhance safety and visibility, offering rotating and flashing modes to suit different needs. With various sizes and lens colors (amber, blue, red and green) available, as well as easy mounting options that meet international standards, they provide unmatched flexibility.

In addition to the already familiar standard accessories for beacons, FORVIA HELLA now also offers a 250 mm long

cable with DEUTSCH DT connector or AMP connector. With these accessories, the beacons of the K-LED Nano series can be used for the most common plug connections.

But that's not all – these beacons also allow for custom branding, making them a perfect fit for your company's identity while ensuring safety compliance. Beyond their stylish appearance, they are built to last, with impact resistance and electromagnetic compatibility (EMC) that meet strict standards.

By adhering to industry regulations, the K-LED Nano family guarantees reliability and assurance across a wide range of applications.

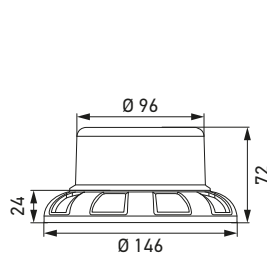
TECHNICAL DETAILS

Technical data

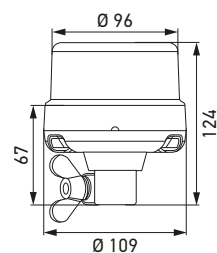
| | |
|-------------------------|--|
| Operating voltage range | Multi-voltage (9 – 32 V) |
| Rated voltage | 12 V and 24 V |
| Current consumption | Flashing: 1.6 A (12 V) 0.78 A (24 V) |
| | Rotating: 0.33 A (12 V) 0.1 A (24 V) |
| Power consumption | Flashing: < 19 W Rotating: < 5 W |
| Light function | Flashing or rotating |
| Light source | LED |
| Material | Housing: polycarbonate + ABS black |
| Temperature range | -40 °C to +60 °C |
| Protection class | IP 6K7, IP 6K9 |
| Approved | ECE R65, ECE R10, ADR / GGVSEB |
| Compliant | SAE J845 class 1, RCM, CISPR 25 Class 5 |
| Protection | Overvoltage protection |
| Mounting | Fixed mounting or pipe socket mounting |

Dimensional sketches

K-LED Nano 50

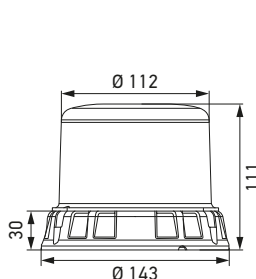


Fixed mounting

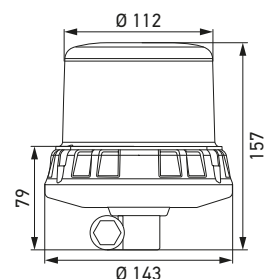


Pipe socket mounting

K-LED Nano 80

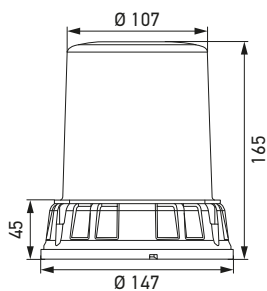


Fixed mounting



Pipe socket mounting

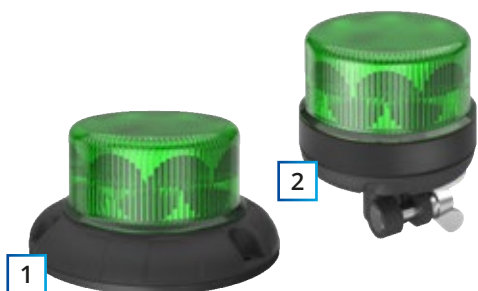
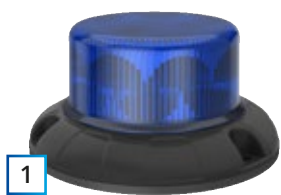
K-LED Nano 120



Fixed mounting

PROGRAM OVERVIEW

K-LED NANO 50



Amber

- 1 2XD 066 147-001  Fixed mounting
- 2 2XD 066 147-011  Pipe socket mounting
- 1 2RL 099 147-001  Fixed mounting
- 2 2RL 099 147-011  Pipe socket mounting



Blue

- 1 2XD 066 147-101*  Fixed mounting

Red


- 1 2XD 066 147-201*  Fixed mounting
- 2 2XD 066 147-211*  Pipe socket mounting


Green

- 1 2XD 066 147-301*  Fixed mounting
- 2 2XD 066 147-311*  Pipe socket mounting

* No ECE R65 approval – the relevant country-specific legal requirements and guidelines for motor vehicles must be observed when installing the product.

Light function

 Flashing



 Rotating

PROGRAM OVERVIEW

K-LED NANO 80



Amber

- 1** 2XD 066 979-001  Fixed mounting
- 2** 2XD 066 979-011  Pipe socket mounting
- 1** 2RL 099 979-001  Fixed mounting
- 2** 2RL 099 979-011  Pipe socket mounting

Blue

- 1** 2XD 066 979-101*  Fixed mounting

Red

- 1** 2XD 066 979-201*  Fixed mounting
- 2** 2XD 066 979-211*  Pipe socket mounting


Green

- 1** 2XD 066 979-301*  Fixed mounting
- 2** 2XD 066 979-311*  Pipe socket mounting

K-LED NANO 120



Amber

- 1** 2XD 066 484-001  Fixed mounting
- 1** 2RL 099 484-001  Fixed mounting

Lichtfunktionen









Blitzend



Rotierend

* No ECE R65 approval – the relevant country-specific legal requirements and guidelines for motor vehicles must be observed when installing the product.

ACCESSORIES

| Product picture | Description | Height | Part number |
|---|--|-----------------------------|--|
| | 250 mm cable with AMP connector | - | 8HG 256 667-081 |
| | 250 mm cable mit DEUTSCH DT connector | - | On request |
|  | Socket extension pipe to weld on, straight | 100 mm | 1-pin, 8HG 002 365-001 2-pin, 8HG 006 294-101 |
|  | Socket extension pipe to screw on, straight, with base | 126 mm | 1-pin, 8HG 006 294-011 2-pin, on request |
|  | Socket extension pipe with screw attachment | 100 mm | 1-pin, 8HG 006 294-051 2-pin, 8HG 006 294-091 |
|  | Socket extension pipe to screw on, adjustable, with base | 105 mm | 1-pin, 8HG 006 294-031 2-pin, 8HG 006 294-141 |
|  | Socket extension pipe to screw on, angled, with base (2-pin on request) | 100 mm (distance 50 mm) | 1-pin, 8HG 006 294-111 |
| | | 100 mm (distance 90 mm) | 1-pin, 8HG 006 294-021 |
| | | 105 mm (distance 120 mm) | 1-pin, 8HG 006 294-171 |
|  | Socket extension pipe to screw on, mounting on the rear of the cabin, with telescopic holder | 700 – 1,000 mm | 1-pin, 8HG 006 294-041 2-pin, on request |