



BRIEF INFORMATION

K-LED Nano 50, 80 and 120

- Extension of the K-LED Nano beacon series to include different heights (on the same platform)
- Developed for a wide range of applications
- Available as a rotating or flashing version for fixed surface mounting or pipe socket mounting
- Different light dome colours: amber, green, blue or red

PRODUCT FEATURES

HELLA is expanding the popular K-LED Nano range with the new K-LED Nano 50, 80 and 120. Different sizes and colours make the optimised K-LED Nano products particularly attractive.

The K-LED Nano 50, 80 and 120 beacons are designed to increase safety and visibility. They are available as rotating or flashing versions and are therefore suitable for a wide range of applications. These products offer unparalleled flexibility, with a choice of different sizes and light dome colours (amber, green, blue or red) and with simple mounting options in line with international standards. In addition to the standard accessories for beacons that are already established, HELLA now also offers a 250 mm long cable with DEUTSCH DT connector or AMP connector.

With this accessory, the beacons in the K-LED Nano range can be used for the most common plug connections. As well as having an stylish design, the beacons are also particularly durable. Their interference immunity and electromagnetic compatibility (EMC) comply with CISPR 25 Class 5. The beacons are approved for the road in accordance with ECE R65 TA1 and SAE, J845 Class 1. They are certified in accordance with ADR/GGVSEB for vehicles transporting dangerous goods.

The K-LED Nano 50, 80 and 120 offer reliability and safety in a wide range of applications.

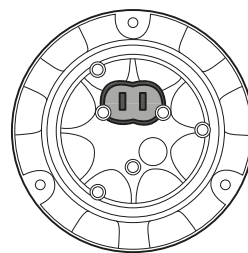
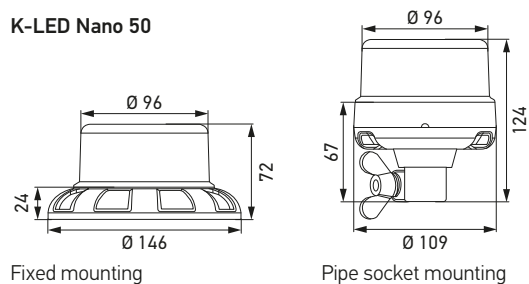
TECHNICAL DETAILS

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) 0.16 A (24 V) |
| Power consumption | Flashing: Ø 6.6 W / max. 19 W Rotating: max. 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 |

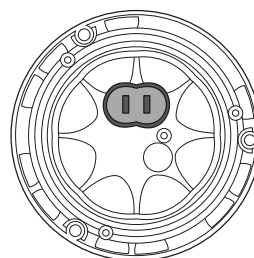
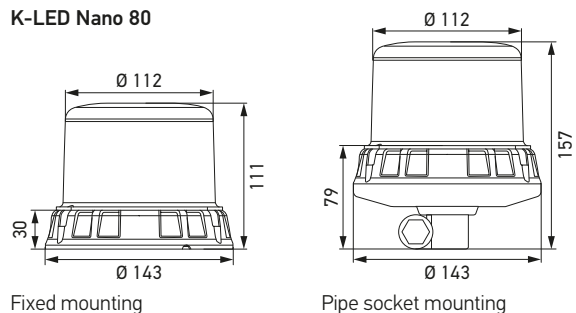
Dimensional sketches

K-LED Nano 50



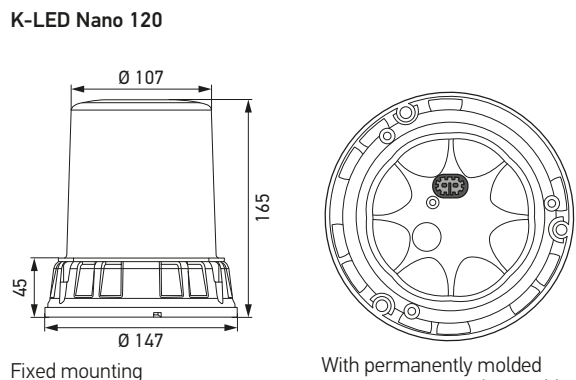
With flat connector
without cable

K-LED Nano 80



With flat connector
without cable

K-LED Nano 120

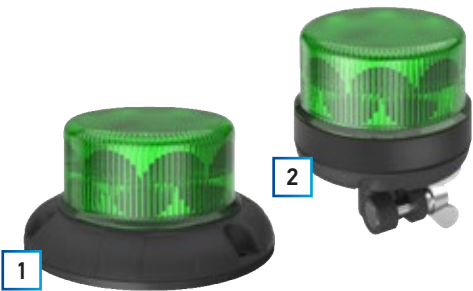
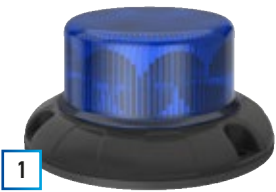


APPLICATION EXAMPLES



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 |

Light function



Flashing



Rotating

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

PROGRAM OVERVIEW

K-LED NANO 80



K-LED NANO 120



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 |


Amber

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

ACCESSORIES

| Product picture | Description | Height | Part number |
|---|--|-----------------------------|--|
|  | 250 mm cable with AMP connector compatible with K-LED Nano 50 and 80 | - | 8KB 256 667-081 |
|  | 250 mm cable mit DEUTSCH DT connector compatible with K-LED Nano 50 and 80 | - | 8KB 256 667-091 |
|  | 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 |
|  | Wedge-shaped rubber base compatible with K-LED Nano 80 and 120 | - | 9GD 863 033-011 |