

**WE
POINT
THE WAY**

COMPACT CATALOGUE

2026/27

WE PROVIDE THE S

TRAFFIC MANAGEMENT PRODUCTS

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QUALITY IS OUR STRENGTH

All our products are developed and manufactured in-house. This enables us to maintain complete control over the process and ensure a consistently high standard of quality for you.

At our plants at our headquarters in Tönning, around 250 employees manufacture safety equipment for the world's roads. Steel and plastic components are produced in-house and are professionally assembled following extensive testing. Supplied components are also subject to rigorous testing. And before any product with a mechanical or electronic function leaves our factory, this function is also checked by specialist technicians. From Tönning, our

products are then transported around the globe by our high-performance distribution fleet. We are committed to this uncompromising quality as a matter of principle and in line with the responsibility we assume for road safety.



ISO-certified

Our quality management system has been certified to **DIN EN ISO 9001** since 1995, and our environmental management system has been certified to **DIN EN ISO 14001** since 2014.



HIGH QUALITY IS OUR STANDARD

When responsibility turns into security

Mobile traffic safety measures place high demands on planning and the selection of the right materials. With products from Nissen, you are choosing certified quality that meets the most stringent guidelines. You can recognize this by the following logos:



BAST

The BAST seal indicates that the product has been tested by the Federal Highway Research Institute in accordance with the applicable regulations and is therefore approved for use on German roads.



TL (RSA) compliant

The Technical Delivery Conditions (TL) set out the requirements for the respective products. They form the basis for tests carried out, for example, by the BAST.



EN 12352

Products marked developed with reference to EN 12352 have been developed with consideration of the technical requirements of the standard but have not undergone third-party testing.



Products marked tested to EN 12352 or EN 12966 have been independently tested by an accredited testing laboratory.



Tested quality

This seal is awarded to our products, which are developed in accordance with existing standards and which meet high technical standards. In addition to our internal audits, these products must also be audited by experts with a separate test number.



Lights classes

Warning lamps are subdivided into the German Technical Terms of Delivery „TL warning lamps“ and into the lamp classes WL1 - WL8, in the European standard BS EN 12352 into the lamp classes L1 - L9. The luminaire class depends on the field of application and design.



LED Classic

With our VarioSign Classic LED technology, which offers up to four colours, a special anti-reflective glass ensures optimum visibility – even in daylight.



TrafficManager

Products can be monitored and controlled with the Software TrafficManager.

A shining example of quality and functionality

Nissen lighting systems are suitable for a wide range of applications and are characterized by innovative features and reliable quality. All lights correspond to the classes defined by the RSA and/or European standards.

Class		Light-emitting area in cm ²	Opening angle		Luminous intensity	
D	EN 12352		Horizontal	Vertical	Min. in cd	Max. in cd
	L1	(see EN 12352; 4.1.2)	300°	+5° to -5°	1	100
	L2L	> 18	+7° to -7°	+7° to -7°	25	100
	L2H	> 18	+7° to -7°	+7° to -7°	150	1.500
	L3	> 75	+10° to -10°	+5° to -5°	2	100
	L4 (F2)	> 140	+10° to -10°	+5° to -5°	43	100
	L5	> 140	+2° to -2°	+2° to -2°	500	2.000
WL2	L6	> 2 x 250	+10° to -10°	+5° to -5°	10	100
WL1	L7	> 250	+10° to -10°	+5° to -5°	20	100
WL3	L8G	> 250	+7,5° to -7,5°	+5° to -5°	25	100
WL4	L8L	> 250	+7,5° to -7,5°	+5° to -5°	250	500
WL6	L8M	> 250	+7,5° to -7,5°	+5° to -5°	500	1.500
WL6	L8H	> 250	+7,5° to -7,5°	+5° to -5°	1.500	5.000
WL7	L9L	> 700	+1,5° to -1,5°	+1,5° to -1,5°	500	2.000
WL5	L9M	> 700	+1,5° to -1,5°	+1,5° to -1,5°	2.000	8.000
WL7	L9H	> 700	+1,5° to -1,5°	+1,5° to -1,5°	20.000	40.000
WL8	-	> 30	360°	+5° to -5°	4	-

Our quality is instantly recognizable

For our traffic facilities, we use RAL-certified and retro reflective films from well-known manufacturers, which ensure optimum visibility even in the dark. These films are characterised by the following properties:

Type A (RA 1)
Micro glass beads
incorporated into the carrier material yield a flat reflector foil without a honeycomb structure.

Type B (RA 2)
Micro glass beads
encapsulated between carrier material and the transport cover material for an optically recognizable honeycomb structure.

Type C (RA 3)
Micro prisms embossed into the carrier material emit the light like a retro-reflector and are supported by a honeycomb structure.

Retro-reflectivity	
Type A (RA 1)	min. 60 cd lx ¹ m ²
Type B (RA 2)	min. 180 cd lx ¹ m ²
Type C (RA 3)	min. 300 cd lx ¹ m ²

Safety Beacon

Test number:
2000 2K 01 94 2K 013

Safety Beacon	Ref. No.
Safety Beacon, one-sided, foil RA1, pointing left	071322-202
Safety Beacon, one-sided, foil RA1, pointing right	071324-202
Safety Beacon, two-sided, foil RA1, pointing left/right	071330-202
Safety Beacon, one-sided, foil RA2, pointing left	071322-22
Safety Beacon, one-sided, foil RA2, pointing right	071324-22
Safety Beacon, two-sided, foil RA2, pointing left/right	071330-22
Safety Beacon, two-sided, foil RA1 A, arrow pointing right/left	071330-36
Safety Beacon, two-sided, foil RA2, arrow pointing right/left	071330-34
Safety Beacon, two-sided, vertical hatched, foil RA	071329-2
Safety Beacon, two-sided, vertical hatched, foil RA2	071329-32

Accessories and Spare parts	Ref. No.
Transport and storage rack for 60 to 72 beacons, depending on beacon type (Safety beacons, Standard Beacons and WeBaNi 60 = 68 pcs, WeBaNi 40 = 72 pcs.)	081600
Spare tube with stopper	071319-2
Base plate TL 56 K1	070293-1

Weight:	Dimensions (L x W x H)	Packaging
3.6 kg	1319 x 304 x 60 mm	60 pcs on one pallet also available in other quantities



Reversible Beacon WeBaNi 40

Test number:
V4-12/2006

Reversible Beacon WeBaNi 40	Ref. No.
WeBaNi 40, one-sided, foil RA2, arrow red/white	070321-2

Accessories and Spare parts	Ref. No.
Transport and storage rack for 60 to 72 beacons, depending on beacon type (Safety beacons, Standard Beacons and WeBaNi 60 = 68 pcs, WeBaNi 40 = 72 pcs.)	081600
Spare tube	070319-1
Base plate TL 56 K1	070293-1

Weight:	Dimensions (L x W x H)	Packaging
3,7 kg	1400 x 300 x 54 mm	60 pcs on one pallet also available in other quantities



Standard Beacon

Standard Beacon	Ref. No.
Beacon, basic colour white, two-sided, foil RA1, pointing left/right	070236-204
Beacon, basic colour white, two-sided, foil RA2, pointing left/right	070236-224
Beacon, basic colour white, vertical hatched, two-sided, foil RA1	070239-2
Beacon, basic colour white, two-sided, vertical hatched, foil RA2	070239-22

Accessories and Spare parts	Ref. No.
Transport and storage rack for 60 to 72 beacons, depending on beacon type (Safety beacons, Standard Beacons and WeBaNi 60 = 68 pcs, WeBaNi 40 = 72 pcs.)	081600
Base plate K1	070350-31
base plate Light	070350-33
Base Plate Kompakt K1	070350-80



Weight: 2.6 kg	Dimensions (L x W x H) 1335 x 287 x 60 mm	Packaging 60 pcs on one pallet also available in other quantities
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Mobile Plastic Safety Barrier Pro-S



Mobile Plastic Safety Barrier Pro-S	Ref. No.
Mobile Plastic Safety Barrier Pro-S, one-sided, 2100 x 1110 mm, foil type RA1 red/white	071658-01
Mobile Plastic Safety Barrier Pro-S, one-sided, 2100 x 1110 mm, foil type RA2 red/white	071658-02
Mobile Plastic Safety Barrier Pro-S, one-sided, 2100 x 1110 mm, foil type RA1 red/yellow	071658-06
Mobile Plastic Safety Barrier Pro, one-sided, 1300 x 1080 mm, foil type RA1 red/white	071655-1
Mobile Plastic Safety Barrier Pro, one-sided, 1300 x 1080 mm, foil type RA2 red/white	071655-21
Mobile Plastic Safety Barrier Pro, one-sided, 1300 x 1080 mm, foil type RA2 red/yellow	
Accessories and Spare parts	Ref. No.
Reflector, plastic, self-adhesive	070437-3
Mounting pin for reflector	070437-3-01
Spacer for safety barriers in base plates	071662-1
Identification plate for Mobile Plastic Safety Barriers Pro-S, Pro-G and Flex 220 x 110 mm (minimum quantity 100 pcs)	082650
Tube for Mobile Plastic Safety Barriers	002090-5

Weight:	Dimensions (L x W x H)	Packaging
13 kg /11 kg	2100 x 1110 mm / 1300 x 1080 mm	25 pcs in one bunch also available in other quantities



Mobile Plastic Safety Barrier Flex



Mobile Plastic Safety Barrier Flex	Ref. No.
Mobile Plastic Safety Barrier Flex, one-sided foil RA1 red/white	071657-01
Mobile Plastic Safety Barrier Flex, one-sided foil RA2 red/white	071657-02
Mobile Plastic Safety Barrier Flex, one-sided foil RA1 red/yellow	071657-06
Accessories and Spare parts	Ref. No.
Reflector, plastic, self-adhesive	070437-3
Mounting pin for reflector	070437-3-01
Spacer for safety barriers in base plates	071662-1
Identification plate for Mobile Plastic Safety Barriers Pro-S, Pro-G and Flex 220 x 110 mm (minimum quantity 100 pcs)	082650
Lamp pin white for safety barrier Flex	292210-004
Tube for Mobile Plastic Safety Barriers	002090-5

Weight:	Dimensions (L x W x H)	Packaging
13 kg	2100 x 1060 mm	25 pcs in one bunch also available in other quantities



Mobile Plastic Barrier

Mobile Plastic Barrier	Ref. No.
Mobile Plastic Barriers, one-sided, foil red/white, RA1	071680-1
Mobile Plastic Barriers, one-sided, foil red/white, RA2	071680-21
Accessories and Spare parts	Ref. No.
Base for Mobile Plastic Barrier with a white mounted holder	070367-1
Base for Mobile Plastic Barrier without holder	070367-1-02
Transport and storage rack for 20 Mobile Light Plastic Barriers	071685-1
Lamp pin white for safety barrier Flex	292210-004

Weight:	Dimensions (L x W x H)	Packaging
15 kg	2000 x 1050 mm	20 pcs in one bunch also available in other quantities



Accessories for Safety Barriers

Accessories for Safety Barriers	Ref. No.
Transport and storage rack, Standard for 20 safety barriers 1200 mm, not stackable	071660-1
Transport and storage rack Simplex 2 for 20 safety barriers 2000 mm or 2400 mm (stackable), incl. 4 pile support	071660-35
Transport and storage rack for 20 safety barriers 2000 mm, (stackable), other versions on request	071690-03
Transport and storage rack, Standard for 20 safety barriers 2000 mm, not stackable, other versions on request	071690-03-1
Pile support for Kombi-/Standard version (1 pc)	071660-21
1 set of pile supports, consisting of 4 pcs	071660-24



Base Plate TL 56 K1



Base Plate TL 56 K1	Ref. No.
Base plate TL 56 K1	070293-1
Accessories and Spare parts	Ref. No.
Identification plate for base plates, 150 x 75 mm (minimum quantity 144 pcs)	082750



Weight: 28.5 kg	Dimensions (L x W x H) 885 x 440 x 115 mm	Packaging 36 pcs on one pallet also available in other quantities
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Base Plate K1



Base Plate K1	Ref. No.
Base plate K1	070350-31
Accessories and Spare parts	Ref. No.
Identification plate for base plates, 150 x 75 mm (minimum quantity 144 pcs)	082750



Weight: 28.5 kg	Dimensions (L x W x H) 885 x 440 x 120 mm	Packaging 36 pcs on one pallet also available in other quantities
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Base Plate Light

Base Plate Light	Ref. No.
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base plate Light	070350-33
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Accessories and Spare parts	Ref. No.
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Identification plate for base plates, 150 x 75 mm (minimum quantity 144 pcs)	082750
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Weight: 24 kg	Dimensions (L x W x H) 885 x 440 x 104 mm	Packaging 36 pcs on one pallet also available in other quantities
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Base Plate Kompakt K1

Base Plate Kompakt K1	Ref. No.
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Base Plate Kompakt K1	070350-80
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Accessories and Spare parts	Ref. No.
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Identification plate for base plates, 150 x 75 mm (minimum quantity 144 pcs)	082750
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Weight: 28 kg	Dimensions (L x W x H) 790 x 390 x 130 mm	Packaging 36 pcs on one pallet also available in other quantities
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Quick Marker



Test number:
V4-17/2006

Quick Marker	Ref. No.
Quick Marker Type B, yellow, with 2 reflector elements	070665-541
Quick Marker start piece with recess, yellow	070660-4
Quick Marker end piece with nose, yellow	070662-4
Accessories and Spare parts	Ref. No.
Hexagon head screw M12 x 80, hot-galvanized	010283
Box spanner insert for bolting Quick Marker elements	070373
Unlocking tool for Indicator	070378-1
Reflector elements, yellow (2 pcs each Quick Marker needed)	070642-4
Screw set for Quick Marker consists of:	070648
1 screw 10x160 mm, 1 U-washer 10,5 mm and 1 plug Ø8-10x80 mm	
For fixing on the ground	
Assembly tool for Quick Marker	070653-2



Weight:	Dimensions (L x W x H)	Packaging
Quick Marker 19 kg. initial/end piece 9 kg	Quick Marker 1000 x 275 x 95 mm initial/end piece 500 x 275 x 95 mm	56 pcs on one pallet / weight: 1064 kg also available in other quantities

Small Beacon (Indicator)



Small Beacon (Indicator)	Ref. No.
Indicator, one-sided, foil RA2 pointing left	071255-21
Indicator, one-sided, foil RA2 pointing right	071265-21
Indicator, two-sided, foil RA2 pointing right	071260-21
Indicator, two-sided, foil RA2 pointing right/left	071270-21
Accessories and Spare parts	Ref. No.
Transport and storage rack for up to 150 small beacons	081608-1



Weight:	Dimensions (L x W x H)	Packaging
0.32 kg	660 x 130 x 32.6 mm	25 pcs in one carton also available in other quantities

Tornado Flex



Test number:
V4-16/2006

Tornado Flex	Ref. No.
Tornado 75-Flex, without foil, without base plate	071540-1
Tornado 75-Flex, one-sided, foil RA2 pointing left, without base plate	071541-2
Tornado 75-Flex, one-sided, foil RA2 pointing right, without base plate	071542-2
Tornado 75-Flex, two-sided, foil RA2 pointing left/right without base plate	071543-2
Tornado 50-Flex, without foil, without base plate	071530-1
Tornado 50-Flex, one-sided, foil RA2 pointing left, without base plate	071531-2
Tornado 50-Flex, one-sided, foil RA2 pointing right, without base plate	071532-2

Accessories and Spare parts	Ref. No.
Base plate, yellow, for Tornado 50-Flex and 75-Flex, ca. 14 kg	071292-4
Base plate, yellow, for Tornado 50-Flex and 75-Flex ca. 14 kg with 4 reflector elements	071292-14

Weight:	Dimensions (L x W x H)	Packaging
1.2 kg (75-Flex)	Tornado 75-Flex 970 x 200 x 110 mm	5 pcs in one carton
1.1 kg (50-Flex)	Tornado 50-Flex 720 x 200 x 110 mm	also available in other quantities



Base Plate Leitcat-Flex

Base Plate Leitcat-Flex	Ref. No.
Base Plate Leitcat-Flex for Tornado 50 and 75-Flex, yellow	071292-4
Base Plate Leitcat-Flex for Tornado 50 and 75-Flex, yellow with four reflecting elements	071292-14

Weight:	Dimensions (L x W x H)	Packaging
14 kg	900 x 275 x 92 mm	1 pcs / 40 pcs on one pallet also available in other quantities



Folding beacons

Folding Beacon NiColl75



Test number:

V4-01-2015

Folding Beacon NiColl 75

Ref. No.

Folding beacon NiColl75, one-sided, foil RA2 pointing right, with black base plate

Folding beacon NiColl75, two-sided, foil RA2 pointing left/right, with black base plate

Folding beacon NiColl75, two-sided, foil RA2 pointing right, with black base plate

Folding beacon NiColl75, two-sided, foil RA2 Arrow pointing left and right, with black base plate

071800-202

071800-203

071800-204

071800-213

Accessories and Spare parts

Ref. No.

Galvanised steelt transport and storage rack, for 5 folding beacons NiColl75 with base plates

Galvanised steelt transport and storage rack, for 30 folding beacons NiColl75 with base plates

071795-01

071795-04



Weight:

13 kg

Dimensions (L x W x H)

Folding beacon: 980 x 202 x 50 mm

Packaging

30 pcs on one pallet also available in other quantities

Traffic Calming

Speed Ramp

Speed Ramp

Ref. No.

Speed Ramp up to 10 km/h, black

Speed Ramp up to 10 km/h, yellow

End piece up to 10 km/h, yellow

Speed Ramp up to 20 km/h, black

Speed Ramp up to 20 km/h, yellow

End piece up to 20 km/h, yellow

070357-1

070357-2

070357-3

070357-11

070357-12

070357-13

Accessories and Spare parts

Ref. No.

Screw set, consisting of 1 screw, 1 dowel and 1 washer (4 screw sets/element, 2 screw sets/end piece)

Stabilisation bar (per meter)

070357-90

070357-91



Weight:

speed ramp up to 10 km/h: 13.0 kg

end piece up to 10 km/h: 3.7 kg

speed ramp up to 20 km/h: 10.2 kg

end piece up to 20 km/h: 2.8 kg

Dimensions (L x W x H)

speed ramp up to 10 km/h: 500 x 430 x 60 mm

end piece up to 10 km/h: 215 x 430 x 60 mm

speed ramp up to 20 km/h: 500 x 430 x 50 mm

end piece up to 20 km/h: 215 x 430 x 50 mm

TrioSign Folding Signs

TrioSign Folding Signs	Ref. No.
TrioSign 60 folding sign, foil class R1 to R0 (white or yellow), complete	16060_
TrioSign 70 folding sign, foil class R1 to R0 (white or yellow), complete	16070_
TrioSign 90 folding sign, foil class R1 to R0 (white or yellow), complete	16090_
TrioSign 110 folding sign, foil class R1 to R0 (white or yellow), complete	16011_

Accessories and Spare parts	Ref. No.
Velcro strips for TrioSign 70, foil class R0 to R3 (white or yellow)	15870_
Velcro strips for TrioSign 90, foil class R0 to R3 (white or yellow)	15890_
Velcro strips for TrioSign 110, foil class R0 to R3 (white or yellow)	15811_
Central weight 1.5 kg, incl. splint, for folding signs TrioSign 60 and 70	071425-060-01
Central weight 1.8 kg, incl. splint, for folding sign TrioSign 90	071425-090-01
Central weight 2.5 kg, incl. splint, for folding sign TrioSign 110	071425-110-01

Weight:	Dimensions (L x W x H)
60: 2.0 kg	60: 740 x 750 mm; Ø 855 mm
70: 2.4 kg	70: 840 x 850 mm; Ø 970 mm
90: 5.2 kg	90: 1135 x 1150 mm; Ø 1310 mm
110: 6.0 kg	110: 1320 x 1335 mm; Ø 1525 mm



Traffic Cones

(according to German Standards)

Test number:
V4-01-2014 V4-08-2015 V4-09-2015 V4-15-2015 V4-289-21 V4-290-21



Traffic Cones (according to German Standards)	Ref. No.
Traffic Cone 500 mm, two-part, red/white, fully retroreflecting foil type A weight 2.5 kg	071110-5
Traffic Cone 500 mm, two-part, red/white, fully retroreflecting foil type B weight 2.5 kg	071110-6
Traffic Cone 750 mm, two-part, red/white, fully retroreflecting foil type A weight 5.3 kg	071120-050
Traffic Cone 750 mm, two-part, red/white, fully retroreflecting foil type B weight 5.3 kg	071120-060
Accessories and Spare parts	Ref. No.
Adapter for using the Nitra, Euro-Nitra, Star-Flash and City Flash on traffic cones	081736-1
Bracket for mounting the MonoLight / SignLite on traffic cones	292032-3
Bracket for mounting the Nitra, Euro-Nitra, Star-Blitz and City Flash on traffic cones	292032-10



Dimensions (L x W x H)	Packaging
cone 500 mm: 312 x 312 x 35 mm	10 pcs 500 mm in one carton
cone 750 mm: 462 x 462 x 35 mm	5 pcs 750 mm in one carton

Traffic Cones

Traffic Cones	Ref. No.
Traffic Cone 1000 mm with 2 white stripes, one-part, weight 6,5 kg not tested	070012
Traffic Cone 1000 mm with 2 retroreflecting stripes, one-part, weight 7 kg not tested	070016
Traffic Cone 320 mm with 1 white stripes, one-part, PVC weight approx. 0,6 kg, not tested	071125-1
Traffic Cone 500 mm with 2 white stripes, one-part, PVC weight approx. 1,2 kg, not tested	071126-1
Accessories and Spare parts	Ref. No.
Adapter for using the Nitra, Euro-Nitra, Star-Flash and City Flash on traffic cones	081736-1
Bracket for mounting the MonoLight / SignLite on traffic cones	292032-3
Bracket for mounting the Nitra, Euro-Nitra, Star-Blitz and City Flash on traffic cones	292032-10

Packaging
20 pcs 320 mm in one carton
8 pcs 500 mm in one carton
5 pcs 750 mm in one carton



Thin-layered marking tape on aluminium backing

Thin-layered marking tape on aluminium backing	Ref. No.
Marking tape 120 mm wide, Type I P2, yellow, length: 100 m	097190-2
Marking tape 120 mm wide, Type I P2, white, length: 100 m	097190-2-04
Marking tape 250 mm wide, Type I P2, yellow, length: 100 m	097190-6



Packaging
1 roll

Primer for marking tapes

Primer for marking tapes	Ref. No.
Primer for marking tape, thin layer	095065-2
Quantity: 7 l, weight: 7,6 kg	
Primer for marking tape, thin layer	095065-101
Quantity: 35 l, weight: 39,2 kg	



Packaging
1 piece

Plastic clamp

Plastic clamp	Ref. No.
Plastic clamp for temporary signposting for pipes 40x40 and Ø 42 mm	372010-03
Plastic clamp for temporary signposting for pipes 40x40 and Ø 42 mm with flat-head screw	372010-13



Packaging
100 pcs in one carton also available in other quantities

Steel clamp

Steel clamp	Ref. No.
Steel clamp, galvanised, M10 eye bolt, for pipes 40x40 mm and Ø 42 mm weight: 0,22 kg	072012-01



Packaging
50 pcs in one carton also available in other quantities

Shaft tubes 40 x 40 mm

Shaft tubes 40 x 40 mm	Ref. No.
Galvanised shaft tube, 3 m long, dimensions: 3000 x 40 x 40 x 1,5 mm weight: 5,3 kg	072050-300
Galvanised shaft tube, 3,5 m long, dimensions: 3500 x 40 x 40 x 1,5 mm weight: 6,1 kg	072050-350



Packaging
100 pcs

Plastic safety fence

Plastic safety fence	Ref. No.
Plastic safety fence (HDPE), dimensions: 50 x 1 m, Weight: 6 kg	072045-08-2



Packaging
1 pcs



BakoLight LED

Test number:

V4-01-2004 V4-02-2004 V4-47-2004

BakoLight LED

Ref. No.

BakoLight LED, flashing/steady light, one-sided red, with bracket	111241-53
BakoLight LED, flashing/steady light, two-sided amber, with bracket	111242-51
BakoLight LED, flashing/steady light, one-sided amber, without bracket	111241-1
BakoLight LED, flashing/steady light, two-sided amber, without bracket	111242-1
BakoLight LED, flashing/steady light, one-sided red, without bracket	111241-3

Accessories and Spare parts

Ref. No.

Bracket for mounting the MonoLight and BakoLight	070877
Key	070090-3
Pin	010393

Weight:

0.8 kg

Dimensions (L x W x H)

267 x 105 x 275 mm

Packaging

10 pcs in one carton / 200 pcs on one pallet
also available in other quantities

Konstant-Norm LED

Test number:

V4-120-2003 V4-121-2003

Konstant-Norm LED

Ref. No.

Konstant-Norm LED, flashing/steady light, one-sided amber	111221-1
Konstant-Norm LED, flashing/steady light, two-sided amber	111222-1

Accessories and Spare parts

Ref. No.

Pulser LED, one-sided amber	355521-11
Pulser LED, two-sided amber	355522-11
Locking bolt	010413-2
Cable with cold-device socket	052011-1

Weight:

0.6 kg

Dimensions (L x W x H)

207 x 88 x 270 mm

Packaging

15 pcs in one carton / 300 pcs on one pallet
also available in other quantities

Euro-Nitra LED

Test number:

V4-120-2004 V4-117-2004 V4-80-2004

Euro-Nitra LED

Ref. No.

Euro-Nitra LED, flashing/steady light, one-sided amber, with bracket	112127-51
Euro-Nitra LED, flashing/steady light, one-sided red, with bracket	112127-53
Euro-Nitra LED, flashing/steady light, two-sided amber, with bracket	112128-51
Euro-Nitra-LED, flashing/steady light, two-sided red, with bracket	112128-53

Accessories and Spare parts

Ref. No.

NiKo key	070090-1
Pulser LED, one-sided amber	358057-21
Pulser LED, one-sided red	358057-23
Pulser LED, two-sided amber	358058-21
Pulser LED, two-sided red	358058-23

Weight:

0.7 kg

Dimensions (L x W x H)

195 x 90 x 350 mm

Packaging

12 pcs in one carton / 240 pcs on one pallet
also available in other quantities

MonoLight LED WL8

Test number:
V3-003-2016

MonoLight LED WL8	Ref. No.
MonoLight LED WL8, flashing/steady light, omni-directional horizontal, amber, with bracket	111606-51
MonoLight LED WL8, flashing/steady light, omni-directional horizontal, amber, without bracket	111606-1
Accessories and Spare parts	Ref. No.
Bracket for mounting the MonoLight and BakoLight	070877
NiKo key	070090-1
NiKo bracket for mounting the MonoLight on barriers	365519
Bracket for mounting the MonoLight / SignLite on traffic cones	292032-3

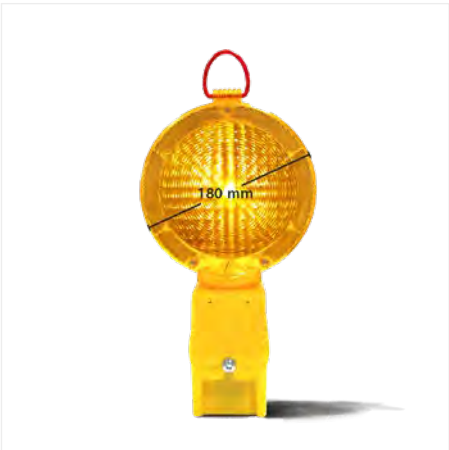
Weight: 0.5 kg without bracket 0.6 kg with bracket	Dimensions (L x W x H) 130 x 110 x 280 mm	Packaging 15 pcs in one carton / 360 pcs on one pallet also available in other quantities
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MonoLight LED

MonoLight LED	Ref. No.
MonoLight LED, flashing/steady light, two-sided amber, with bracket	111602-51
MonoLight LED, flashing/steady light, two-sided red, with bracket	111602-53
MonoLight LED, flashing/steady light, two-sided amber, without bracket	111602-1
MonoLight LED, flashing/steady light, two-sided red, without bracket	111602-3
MonoLight LED, flashing/steady light, omni-directional amber, without bracket	111605-1
Accessories and Spare parts	Ref. No.
Bracket for mounting the MonoLight and BakoLight	070877
NiKo key	070090-1
NiKo bracket for mounting the MonoLight on barriers	365519
Bracket for mounting the MonoLight / SignLite on traffic cones	292032-3

Weight: 0.5 kg without bracket 0.6 kg with bracket	Dimensions (L x W x H) without bracket 185 x 120 x 340 mm	Packaging 20 pcs in one carton / 400 pcs on one pallet also available in other quantities
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Nitra LED

Nitra LED	Ref. No.
Nitra LED, flashing/steady light, two-sided amber, with bracket	111520-51
Nitra LED, flashing/steady light, two-sided red, with bracket	111520-53
Nitra LED, flashing/steady light, two-sided amber, without bracket	111520-1
Nitra LED, flashing/steady light, two-sided red, without bracket	111520-3
Accessories and Spare parts	Ref. No.
NiKo key	070090-1
Pulser LED, two-sided amber	358070-1
Pulser LED, two-sided red	358070-3

Weight: 0.6 kg	Dimensions (L x W x H) 185 x 90 x 350 mm	Packaging 12 pcs in one carton / 240 pcs on one pallet also available in other quantities
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Warning Lamp Flat LED



Warning Lamp Flat LED	Ref. No.
Warning Lamp Flat LED, flashing light, two-sided amber, with bracket	111607-41-01
Accessories and Spare parts	Ref. No.
NiKo key	070090-1



Weight: approx. 0.5 kg	Dimensions (L x W x H) without bracket 185 x 120 x 340 mm	Packaging 20 pcs in one carton / 400 pcs on one pallet also available in other quantities
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CampLite LED

CampLite LED	Ref. No.
CampLite LED omnidirectional transparent, flashing/steady light, housing green, with bracket and NiKo key	140240-1



Dimensions (L x W x H) without bracket 280 x 110 x 120 mm with bracket 280 x 110 x 175 mm	Packaging 15 pcs in one carton / 360 pcs on one pallet also available in other quantities
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Sequential Direction Light Set LED



Sequential Direction Light Set LED	Ref. No.
10-fold Sequential Direction Light Set LED Type 640, 230/12 V without beacons	120911-1
Accessories and Spare parts	Ref. No.
Box for rechargeable batteries 12 V up to 230 Ah, lockable	190230-2
Remote control for Sequential Direction Light Set type 640	329301-01
Cascade lamp 200 LED, yellow without beacons	122216-01
Battery central feed with connector housing	400210-05



Weight: 0.6 kg (single lamp)
Dimensions (L x W x H) 207 x 88 x 270 mm (single lamp)

BakoTaper LED-Flash



BakoTaper LED-Flash	Ref. No.
BakoTaper Type 628 LED-Flash Guide Light, one-sided amber	129084-1
Accessories and Spare parts	Ref. No.
Key	070090-3



Weight: 0.8 kg
Packaging 10 pcs in one carton / 200 pcs on one pallet also available in other quantities

TaperLamp 626-C / 626-C Plus LED



TaperLamp 626-C / 626-C Plus LED	Ref. No.
TaperLamp 626-C LED FüQ Lamp, one-sided amberwith cone bracket	129083-1
TaperLamp 626-C Plus LED FüQ Lamp, one-sided amberwith cone bracket	129083-11



Weight: 0.7 kg	Packaging 10 pcs in one carton / 200 pcs on one pallet also available in other quantities
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BakoLight LED/S GPS/2 Guide Light System



BakoLight LED/S GPS/2 Guide Light System	Ref. No.
BakoLight LED/S GPS/2, one-sided amber	220441-1
BakoLight LED/S GPS/2 Set, 10fold, one-sided yellow	220441-10



Accessories and Spare parts	Ref. No.
Key	070090-3

Packaging 10 pcs in one carton also available in other quantities
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City Flash 63/S LED



City Flash 63/S LED	Ref. No.
City Flash 63/S LED, one-sided amber	130518-51
City Flash 63/S LED, two-sided amber	130519-51

Accessories and Spare parts	Ref. No.
NiKo key	070090-1
Adapter for using the Nitra, Euro-Nitra, Star-Flash and City Flash on traffic cones	081736-1
NiKo bracket for attachment to vertical tubes	365516-1
Set consisting of: 10 NiKo brackets 365 516-1 and 1 NiKo key 70 090-1	365516-2
NiKo bracket for attachment to steel barrier frames	365517-1
Set consisting of: 10 NiKo brackets 365 517-1 and 1 NiKo key 70 090-1	365517-2

Weight: 0.7 kg	Dimensions (L x W x H) 390 x 190 x 95 mm	Packaging 12 pcs in one carton / 240 pcs on one pallet also available in other quantities
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Star-Flash LED 610



Star-Flash LED 610	Ref. No.
Star-Flash LED 610, one-sided amber	130522-51
Star-Flash LED 610, one-sided blue	130522-52
Star-Flash LED 610, two-sided amber	130523-51

Accessories and Spare parts	Ref. No.
NiKo key	070090-1
Adapter for using the Nitra, Euro-Nitra, Star-Flash and City Flash on traffic cones	081736-1
NiKo bracket for attachment to vertical tubes	365516-1
Set consisting of: 10 NiKo brackets 365 516-1 and 1 NiKo key 70 090-1	365516-2
NiKo bracket for attachment to steel barrier frames	365517-1
Set consisting of: 10 NiKo brackets 365 517-1 and 1 NiKo key 70 090-1	365517-2

Weight: 0.7 kg	Dimensions (L x W x H) 370 x 205 x 95 mm	Packaging 12 pcs in one carton / 240 pcs on one pallet also available in other quantities
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Star-Flash LED 620

Test number:

V3-34-2014

Star-Flash LED 620

Ref. No.

Star-Flash LED 620 A, one-sided amber housing colour yellow, bottom and lock black, with integrated lithium ferro battery pack	129092-001-01
Star-Flash LED 620 A, two-sided amber housing colour yellow, bottom and lock black with integrated lithium ferro battery pack	129092-001-02
Star-Flash LED 620 B, one-sided amber housing colour yellow, bottom and lock black for battery operation, without battery	129092-011-01
Star-Flash LED 620 B, two-sided amber housing colour yellow, bottom and lock black for battery operation, without battery	129092-011-02

Accessories and Spare parts

Ref. No.

Transport cradle 12/24 V for Star-Flash LED Type 620/627, single, without supply cable	129090-001-00
Transport and charging cradle 12/24 V for Star-Flash LED Type 620/627, single, with 2 m supply cable and 2-pole vehicle plug	129090-001-01
Transport and charging cradle 12/24 V for Star-Flash LED Type 620/627, 4-fold, with 2 m supply cable and 2-pole vehicle plug	129090-004-01
Lithium-Ferro rechargeable battery pack 6,5 V, 1500 mAh for Star Flash 620A/627A	056056-2
Adapter for using the Nitra, Euro-Nitra, Star-Flash and City Flash on traffic cones	081736-1
AC/DC converter 110-240V, 12V, 5A, for indoor use only, with cigarette lighter socket (for Star-Flash LED 620/627 A)	070098-1

Weight:

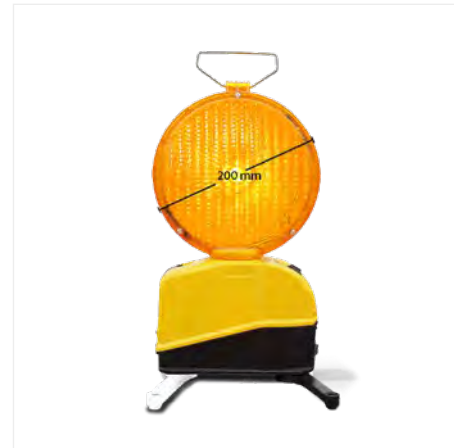
ca. 1.8 kg

Dimensions (L x W x H)

370 x 205 x 95 mm

Packaging

1 pcs in one carton also available in other quantities



Star-Flash LED Type 627 FIRE BRIGADE

Test number:

V4-25-2012

Star-Flash LED Type 627 FIRE BRIGADE

Ref. No.

Star-Flash LED Type 627 A guide light lamp, one-sided amber (According to German Standards) with integrated lithium-ferro battery pack	129091-0xx-xx
Star-Flash LED Type 627 A guide light lamp, two-sided amber, with integrated lithium-ferro battery pack	129091-0xx-xy
Star-Flash LED Type 627 B guide light lamp, one-sided amber (According to German Standards), for battery operation, without battery	129091-0yy-xx
Star-Flash LED Type 627 B guide light lamp, one-sided amber (According to German Standards), for battery operation, without battery	129091-0yy-xy
Each consisting of: red housing, black bottom and lock, retroreflecting text "FIRE BRIGADE", without transport and charging cradle	

Accessories and Spare parts

Ref. No.

Transport cradle 12/24 V for Star-Flash LED Type 620/627, single, without supply cable	129090-001-00
Transport and charging cradle 12/24 V for Star-Flash LED Type 620/627, single, with 2 m supply cable and 2-pole vehicle plug	129090-001-01
Transport and charging cradle 12/24 V for Star-Flash LED Type 620/627, 4-fold, with 2 m supply cable and 2-pole vehicle plug	129090-004-01
Lithium-Ferro rechargeable battery pack 6,5 V, 1500 mAh for Star Flash 620A/627A	056056-2
AC/DC converter 110-240V, 12V, 5A, for indoor use only, with cigarette lighter socket (for Star-Flash LED 620/627 A)	070098-1
Adapter for using the Nitra, Euro-Nitra, Star-Flash and City Flash on traffic cones	081736-1

Weight:

ca. 1.8 kg

Dimensions (L x W x H)

370 x 205 x 95 mm

Packaging

1 pcs in one carton also available in other quantities



Star-Flash LED Type 627 POLICE



Star-Flash LED Type 627 POLICE	Ref. No.
Star-Flash LED Type 627 A guide light lamp, one-sided amber (According to German Standards) with integrated lithium-ferro battery pack	129091-0xx-xx
Star-Flash LED Type 627 A guide light lamp, two-sided amber, with integrated lithium-ferro battery pack	129091-0xx-xy
Star-Flash LED Type 627 B guide light lamp, one-sided amber (According to German Standards), for battery operation, without battery	129091-0yy-xx
Star-Flash LED Type 627 B guide light lamp, two-sided amber (According to German Standards), for battery operation, without battery	129091-0yy-yy
Each consisting of: blue housing, white bottom and lock, retroreflecting text "POLICE", without transport and charging cradle	

Accessories and Spare parts	Ref. No.
Transport cradle 12/24 V for Star-Flash LED	129090-001-00
Type 620/627, single, without supply cable	
Transport and charging cradle 12/24 V for Star-Flash LED	129090-001-01
Type 620/627, single, with 2 m supply cable and 2-pole vehicle plug	
Transport and charging cradle 12/24 V for Star-Flash LED	129090-004-01
Type 620/627, 4-fold, with 2 m supply cable and 2-pole vehicle plug	
Lithium-Ferro rechargeable battery pack 6,5 V, 1500 mAh for Star Flash 620A/627A	056056-2
AC/DC converter 110-240V, 12V, 5A, for indoor use only, with cigarette lighter socket (for Star-Flash LED 620/627 A)	070098-1
Adapter for using the Nitra, Euro-Nitra, Star-Flash and City Flash on traffic cones	081736-1

Weight:	Dimensions (L x W x H)	Packaging
ca. 1.8 kg	370 x 205 x 95 mm	1 pcs in one carton also available in other quantities



Star-Flash LED 627

Test number:

V4-25-2012

Star-Flash LED 627

Ref. No.

Star-Flash LED Type 627 A guide light lamp, one-sided amber (According to German Standards) with integrated lithium-ferro battery pack	129091-001-01
Star-Flash LED Type 627 A guide light lamp, two-sided amber, with integrated lithium-ferro battery pack	129091-001-02
Star-Flash LED Type 627 A guide light lamp, one-sided blue (According to German Standards) with integrated lithium-ferro battery pack	129091-001-03
Star-Flash LED Type 627 B guide light lamp, one-sided amber (According to German Standards), for battery operation, without battery	129091-011-01
Star-Flash LED Type 627 B guide light lamp, two-sided amber for battery operation, without battery	129091-011-02

Accessories and Spare parts

Ref. No.

Transport cradle 12/24 V for Star-Flash LED Type 620/627, single, without supply cable	129090-001-00
Transport and charging cradle 12/24 V for Star-Flash LED Type 620/627, single, with 2 m supply cable and 2-pole vehicle plug	129090-001-01
Transport and charging cradle 12/24 V for Star-Flash LED Type 620/627, 4-fold, with 2 m supply cable and 2-pole vehicle plug	129090-004-01
Lithium-Ferro rechargeable battery pack 6,5 V, 1500 mAh for Star Flash 620A/627A	056056-2
AC/DC converter 110-240V, 12V, 5A, for indoor use only, with cigarette lighter socket (for Star-Flash LED 620/627 A)	070098-1
Adapter for using the Nitra, Euro-Nitra, Star-Flash and City Flash on traffic cones	081736-1

Weight:

ca. 1.6 kg

Dimensions (L x W x H)

370 x 205 x 95 mm

Packaging

1 pcs in one carton also available in other quantities



Pin Lamp LED 62/S

Pin Lamp LED 62/S

Ref. No.

Pin Lamp LED Type 62/S, one-sided, yellow, without cone	130351-51
Pin Lamp LED Type 62/S, two-sided, yellow, without cone	130361-51

Accessories and Spare parts

Ref. No.

Nickel Metal Hydride Cell (NiMH), 1.2 V, 9000 mAh	056053
Mono cell, alkaline, 1,5 V	155007
Charger for nickel cadmium rechargeable batteries (1 charger per lamp)	161060-1

Weight:

0.8 kg

Packaging

5 pcs in one carton / 125 pcs on one pallet
also available in other quantities

Traffic Cone Lamp 620-LK

Test number:
V3-014-2016

Traffic Cone Lamp 620-LK	Ref. No.
Traffic Cone Lamp Type 620-LK, one-sided amber	130304-51
without traffic cone (according to "TL-Warnleuchten")	
Traffic Cone Lamp type 620-LK, two-sided amber	130314-51
without traffic cone	
Accessories and Spare parts	Ref. No.
Dry Cell Battery Premium 800, 6V, 7 Ah – 9 Ah	155051
Battery Konstant 45, 6 V, 45-50 Ah	155056

Weight: 1.8 kg Packaging: 1 pcs in one carton



Traffic Cone Lamp 220 LED

Test number:
V3-24-2013

Traffic Cone Lamp 220 LED	Ref. No.
Traffic Cone Lamp 220 LED, 12 V, one-sided amberwithout traffic cone	130322-1
Accessories and Spare parts	Ref. No.
Dry Cell Battery Premium 800, 6V, 7 Ah – 9 Ah	155051

Weight: 1,8 kg Packaging: 1 pcs in one carton
also available in other quantities



Traffic Cone Lamp 340 LED

Traffic Cone Lamp 340 LED	Ref. No.
Traffic Cone Lamp 340 LED, one-sided amber, without traffic cone	130323-1
Accessories and Spare parts	Ref. No.
Dry Cell Battery Premium 800, 6V, 7 Ah – 9 Ah	155051
Battery Konstant 45, 6 V, 45-50 Ah	155056

Weight: 4.1 kg Packaging: 1 pcs in one carton
also available in other quantities



Traffic Cone Lamp S-LED



Traffic Cone Lamp S-LED	Ref. No.
Traffic Cone Lamp Type S-LED, 6V, one-sided amberwithout traffic cone	130340-1
Accessories and Spare parts	Ref. No.
Special adapter for use on traffic cones, cpl.	381736-2



Weight:	Packaging
0.8 kg	6 pcs in one carton also available in other quantities

Synchros

Synchros	Ref. No.
Mobile LED Sequential Hazard Set 12/24 V, yellow, cpl.	141060-1
Mobile LED Sequential Hazard Set 12/24 V, blue, cpl.	141060-2
each set consisting of:	
5 LED guide light elements yellow resp. blue	
1 transport and charging box with	
1 charging cable with 2-pole vehicle plug	
Accessories and Spare parts	Ref. No.
Mains charger for 230 V	070157-1
Mains charger, UK version (not illustrated)	070157-2
Amber stud for Synchros	241060-1
Blue stud for Synchros	241060-2
Charging cable for Synchros with straight plug	400225-2



Weight:	Dimensions (L x W x H)
2.5 kg	LED guide light element 100 x 90 x 25 mm transport and storage case 260 x 160 x 125 mm

QuickFlash LED

Test number:
V3-011/2018

QuickFlash LED	Ref. No.
QuickFlash LED 630, housing colour yellow, lence one-sided amber, foil RA2, one-sided, red/white, with base plate	129103-102-100
QuickFlash LED 630, housing colour yellow, lence one-sided amber, foil RA2, two-sided, red/white, with base plate	129103-102-200

Accessories and Spare parts	Ref. No.
Mignon cell (AA), alkaline manganese, 1,5 V	155010

Weight: 5.5 kg
Dimensions (L x W x H) 610 x 285 x 645 mm (lifted)
72 x 285 x 645 mm (lowered)

Packaging 1 pcs in one carton / 40 pcs on one pallet also available in other quantities



ConiLamp LED

ConiLamp LED	Ref. No.
ConiLamp LED, steady light, one-sided amber	130331-1
ConiLamp LED, steady light, one-sided magenta	130331-9

Accessories and Spare parts	Ref. No.
Dry Cell Battery Premium 800, 6V, 7 Ah – 9 Ah	155051
Battery Konstant 25, 6 V, 25 - 28 Ah	155054
Battery Konstant 45, 6 V, 45-50 Ah	155056

Packaging 10 pcs in one carton / 200 pcs on one pallet
also available in other quantities



Advance Warning Lamps

Advance Warning Lamp Zyklop 220 LED L8H

Test number:

V3-24-2013

Advance Warning Lamp Zyklop 220 LED L8H

Ref. No.

Advance Warning Lamp Zyklop LED 220 L8H, 12/24 V, with 5 m connecting cable with battery clips, without bracket, multiple systems also available

122221-1-02

Accessories and Spare parts

Ref. No.

Bracket for tubes up to 82 mm

365522-12

Box for rechargeable batteries 12 V up to 230 Ah, lockable

190230-2

Weight:

0,6 kg

Dimensions (L x W x H):

Ø 220 mm / height: 74 mm



Advance Warning Lamp Zyklop LED 220 Flash L8M

Test number:

V3-24-2013

Advance Warning Lamp Zyklop LED 220 Flash L8M

Ref. No.

Advance Warning Lamp Zyklop LED 220 Flash L8M, 12/24 V, with 5 m connecting cable, with battery clips, without bracket, multiple systems also available

122221-201

Accessories and Spare parts

Ref. No.

Bracket for tubes up to 82 mm

365522-12

Box for rechargeable batteries 12 V up to 230 Ah, lockable

190230-2

Weight:

0.6 kg

Dimensions (L x W x H):

Ø 220 mm / height: 74 mm



Advance Warning Lamp Zyklop 340 LED L9H

Advance Warning Lamp Zyklop 340 LED L9H

Ref. No.

Advance Warning Lamp Zyklop 340 LED L9H, 12/24 V, with bracket, 5 m connecting cable and battery clips multiple systems also available

122320-001

Accessories and Spare parts

Ref. No.

Bracket for mounting 340 mm lamps on tubes

070754-01

Box for rechargeable batteries 12 V up to 230 Ah, lockable

190230-2

Weight:

1.25 kg

Dimensions (L x W x H):

Ø 350 mm / height: 96 mm



Advance Warning Lamps

Advance Warning Lamp
Zyklop 340 LED Flash L9M

Advance Warning Lamp Zyklop 340 LED Flash L9M	Ref. No.
Advance Warning Zyklop 340 LED Flash L9M, 12/24 V, with bracket, 5 m connecting cable and battery clips multiple systems also available	122320-021

Accessories and Spare parts	Ref. No.
Bracket for mounting 340 mm lamps on tubes	070754-01
Box for rechargeable batteries 12 V up to 230 Ah, lockable	190230-2

Weight: 1.25 kg
Dimensions (L x W x H): Ø 350 mm / height: 96 mm



Advance Warning Lamp
340 LED L9H

Test number: V4-59-2011

Advance Warning Lamp 340 LED L9H	Ref. No.
Advance Warning 340 LED L9H, 12/24 V, 5 m connecting cable with battery clips with bracket, multiple systems also available	122315-1

Advance warning lamp 340 LED L9H, 230 V, with 5 m connecting cable with bracket, multiple systems also available	122311-51
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Accessories and Spare parts	Ref. No.
Bracket for mounting 340 mm lamps on tubes	070753
Box for rechargeable batteries 12 V up to 230 Ah, lockable	190230-2

Weight: 2.7 kg
Dimensions (L x W x H): Ø 352 mm / height: 215 mm



Advance Warning Lamp
340 LED Flash L9M

Test number: V4-70-2011

Advance Warning Lamp 340 LED Flash L9M	Ref. No.
Advance Warning Lamp 340 LED Flash L9M, 12/24 V, with bracket and 5 m connecting cable with battery clips multiple systems also available	122311-201

Accessories and Spare parts	Ref. No.
Bracket for mounting 340 mm lamps on tubes	070753
Box for rechargeable batteries 12 V up to 230 Ah, lockable	190230-2

Weight: 2.7 kg
Dimensions (L x W x H): Ø 352 mm / height: 215 mm



Twofold Warning System Zyklop 220 LED L8H

Test number:
V3-24-2013

Twofold Warning System Zyklop 220 LED L8H	Ref. No.
Twofold Warning Light System Zyklop 220 LED L8H, 671/1 NiBus, 12/24 V, with 5 m connecting cable with battery clips on master lamp	122222-1
Accessories and Spare parts	Ref. No.
Bracket for tubes up to 82 mm	365522-12
Box for rechargeable batteries 12 V up to 230 Ah, lockable	190230-2

Weight: 1.2 kg/set
Dimensions (L x W x H): Ø 220 mm / height: 74 mm



Twofold Warning System Zyklop 220 LED Flash L8M

Twofold Warning System Zyklop 220 LED Flash L8M	Ref. No.
Twofold Warning Light System Zyklop 220 LED Flash L8M 671/F NiBus, 12/24 V with 5 m connecting cable with battery clips on master lamp	122222-201
Accessories and Spare parts	Ref. No.
Bracket for tubes up to 82 mm	365522-12
Box for rechargeable batteries 12 V up to 230 Ah, lockable	190230-2

Weight: 1.2 kg/set
Dimensions (L x W x H): Ø 220 mm / height: 74 mm



Twofold Warning System Zyklop 340 LED L9H

Twofold Warning System Zyklop 340 LED L9H	Ref. No.
Twofold Warning Light System Zyklop LED L9H (NiBus) 12/24 V, with bracket, with 5 m connecting cable with battery clips on master lamp	122322-001
Accessories and Spare parts	Ref. No.
Box for rechargeable batteries 12 V up to 230 Ah, lockable	190230-2

Weight: 2.5 kg/set
Dimensions (L x W x H): Ø 350 mm / height: 96 mm



Twofold Warning System Zyklus 340 LED Flash L9M

Twofold Warning System Zyklus 340 LED Flash L9M	Ref. No.
Twofold Warning Light System Zyklus LED Flash L9M (NiBus) 12/24 V, with bracket, with 5 m connecting cable with battery clips on master lamp	122322-021
Accessories and Spare parts	Ref. No.
Box for rechargeable batteries 12 V up to 230 Ah, lockable	190230-2

Weight: 2.5 kg/set
Dimensions (L x W x H): Ø 350 mm / height 96 mm



Twofold Warning System Multi-Light 340 LED L9H

Test number: V4-59-2011

Twofold Warning System Multi-Light 340 LED L9H	Ref. No.
Twofold Warning Light System Multi-Light 340 LED L9H 690/1 NiBus, 12/24 V, with bracket, with 5 m connecting cable with battery clips on master lamp	122312-1
Accessories and Spare parts	Ref. No.
Box for rechargeable batteries 12 V up to 230 Ah, lockable	190230-2

Weight: 5.4 kg/set
Dimensions (L x W x H): Ø 352 mm / height: 215 mm



Twofold Warning System Multi-Light 340 LED Flash L9M

Test number: V4-70-2011

Twofold Warning System Multi-Light 340 LED Flash L9M	Ref. No.
Twofold Warning Light System Multi-Light 340 LED Flash L9M 690/1F NiBus 12/24 V, with bracket, 5 m connecting cable with battery clips on master lamp	122312-201
Accessories and Spare parts	Ref. No.
Box for rechargeable batteries 12 V up to 230 Ah, lockable	190230-2

Weight: 5.4 kg/set
Dimensions (L x W x H): Ø 352 mm / height: 215 mm



Light Arrow Lamp Multi-Light 65 LED



Light Arrow Lamp Multi-Light 65 LED	Ref. No.
Light arrow lamp Multi-Light 65 LED, yellow, 12/24 V (NiBus) with 3 m connecting cable 4 x 0.75 mm	122102-001
Light arrow lamp Multi-Light 65 LED Classic, yellow, 12/24 V	122100-001



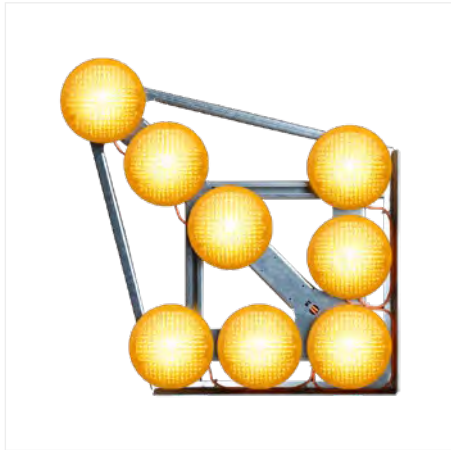
Weight: 0.6 kg
Dimensions (L x W x H): Ø 70 mm / height: 30 mm

Light Arrows

LED Light Arrow LP 8

Test number:
V3-24-2013

LED Light Arrow LP 8	Ref. No.
LED Light Arrow Type LP 8 consisting of:	129361-153
8 Multi-Light 200 LED lamps 220 mm, mounted on an aluminium frame with slip-on device and 3 m connecting cable with battery clips	



Accessories and Spare parts	Ref. No.
Bracket for mounting on tubes with adjustment device, 5 positions	329360-1
Adapter for mounting on board sides	329365-3

Weight: 13 kg
Dimensions (L x W x H): 1130 x 900 x 165 mm

LED Light Arrow LP 13 Classic



LED Light Arrow LP 13 Classic	Ref. No.
LED Light Arrow LP 13 Classic consisting of:	129355-1
1 housing, made of highly weatherproof plastic with 13 LED lamps 200 mm Ø	
5 m connecting cable with battery clips	

Accessories and Spare parts	Ref. No.
Eco Remote II cable remote control with 14 m cable and LP 13 holder	129266-53
Hand remote control LP13-Classic with 15m cable	329300-01
Adapter for mounting on board sides	329365-1

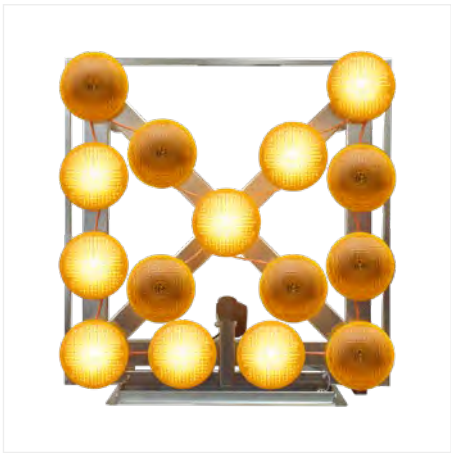


Weight: 14 kg
Dimensions (L x W x H): 900 x 900 x 155 mm

LED Light Arrow LP 15

Test number:
V3-24-2013

LED Light Arrow LP 15	Ref. No.
LED Light Arrow Type LP 15 wall mounting, with cable remote control Eco-Remote II	129473-401
LED Light Arrow Type LP 15 wall mounting, with twofold system Multilight 340 LED and cable remote control Eco-Remote II	129473-402
LED Light Arrow Type LP 15 wall mounting, with radio remote control Radio-Remote II	129473-501
LED Light Arrow Type LP 15 Kompakt with roof frame and lifting/lowering device, with cable remote control Eco-Remote II	129473-601
LED Light Arrow Type LP 15 Kompakt with roof frame, twofold system Multilight 340 LED and lifting/lowering device, with cable remote control Eco-Remote II	129473-602
LED Light Arrow Type LP 15 Kompakt with roof frame and lifting/lowering device, with Radio-Remote II	129473-701
LED Light Arrow Type LP 15 Kompakt with roof frame, twofold system Multilight 340 and lifting/lowering device, with Radio-Remote II	129473-702



Weight: with roof frame 50 kg
Dimensions (L x W x H) 1230 x 1075 x 228 mm (je nach Ausführung)

LED Light Arrow LP 15 Slider

LED Light Arrow LP 15 Slider	Ref. No.
LED Light Arrow Type LP 15 Slider on vertically liftable warning board with cable remote control Eco-Remote II	129474-001
LED Light Arrow Type LP 15 Slider on vertically liftable warning board with twofold warning light system Multi-Light 340 LED (bottom) with cable remote control Eco-Remote II	129474-003

Accessories and Spare parts	Ref. No.
Partial cover for lower frame of vertically liftable warning board	081651-21
Eco Remote II cable remote control with 14 m cable and LP 15 holder	129266-40
Complete cover for lower frame of vertically liftable warning board	081651-22

Weight: 95 kg
(depending on version)
Dimensions (L x W x H) 350 x 1212 x 2310 mm (depending on version)

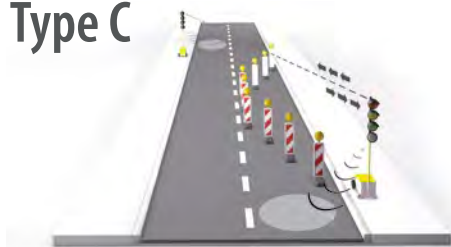


Traffic light system LZA 500

Depending on the tender specifications, the LZA 500-LED can be configured for all type classes in no time at all and meets the requirements of RiLSA and TL-LSA.

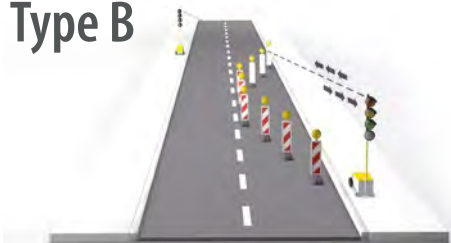
Flexible in use

Type C



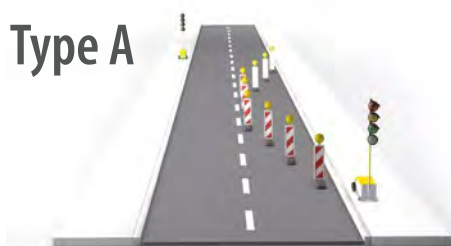
Traffic dependent with radio

Type B



Fixed time control with radio

Type A



Fixed time control

1480 mm



2800 mm

2310 mm

1670 mm

590 mm



Traffic Light System LZA 500-LED

Test number:
Ni-0910002



Traffic Light System LZA 500-LED	Ref. No.
Quartz LZA 500-LED	145562-151
2 signal transmitters with sunshades, 2 carriages and 1 pilot (type A)	
Quartz LZA 500-LED with radio report, 869 MHz	145562-353
2 signal transmitters with sunshades, 2 carriages, 1 pilot and 2 radio modules	
Quartz LZA 500-LED FVG/FVA with radio report and radar sensors	145562-355
for traffic-depending operation, 869 MHz	
2 signal transmitters with sunshades, 2 carriages, 1 pilot and 2 radio modules	
Accessories and Spare parts	Ref. No.
Charger 230/12 V, 25 A for LZA 500, with battery clips	070074-26-50
Contrast shield	080158-2
100 m signal transmitter connection cable for cable operation	400227-1



LED-Counter for LZA 500-LED

LED-Counter for LZA 500-LED	Ref. No.
Retrofitting Counter Module for LZA 500-LED,	245602-13
Countdown timer for red phase, ext. version, Counter Module 1710 RGB with holder	
Original equipment Counter Module for LZA 500-LED,	245602-14
Countdown timer for red phase, ext. version, Counter Module 1710 RGB with holder	



Dimensions (L x W x H)
340 x 200 mm

GPS-Tracker

GPS-Tracker	Ref. No.
GPS-Tracker for LZA,	245763-036
LTE/3G/GSM-compatible	
incl. 36 months eSIM	
TrafficManager,	294355-01
operation per months and GPS-Tracker	



Weight: 55 g
Dimensions (L x W x H) 65 x 57 x 21mm

Hand Lamp LED

Hand Lamp LED	Ref. No.
Hand Lamp LED,&lashing/steady light switchable	140261-1
Accessories and Spare parts	Ref. No.
Red disc	270910
Amber disc	270920
Green disc	270930
Blue disc	270940

Weight:
0.5 kg

Dimensions (L x W x H)
180 x 80 x 290 mm



Premium Batteries

Premium Batteries	Ref. No.
Dry Cell Battery Premium 800, 6V, 7 Ah – 9 Ah	155051



Weight: Premium 800: 0.45 kg	Dimensions (L x W x H) 67 x 98 x 67 mm	Packaging Premium 800: 20 pcs/carton – 1600 pcs/pallet also available in other quantities
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Konstant Batteries

Konstant Batteries	Ref. No.
Battery Konstant 25, 6 V, 25–28 Ah	155054
Battery Konstant 45, 6 V, 45–50 Ah	155056
Battery Konstant 60, 6 V, 60 Ah	155057
Battery Konstant 111, 6 V, 120 Ah	155065



Weight: Konstant 25: 0.53 kg Konstant 45: 0.68 kg Konstant 60: 1.14 kg Konstant 111: 1.43 kg	Dimensions (L x W x H) Konstant 25: 67 x 98 x 67 mm Konstant 45: 67 x 98 x 67 mm Konstant 60: 160 x 75 x 130 mm Konstant 111: 160 x 75 x 130 mm	Packaging Konstant 25 / Konstant 45: 12 pcs/carton – 1152 pcs/pallet Konstant 60: 10 pcs/carton – 540 batteries on one pallet Konstant 111: 10 batteries in one carton – 540 pcs/pallet
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Rechargeable Batteries and Batteries

Rechargeable Batteries and Batteries	Ref. No.
Monocell alkaline, 1,5 V	155007
Ø 330 x 610 mm (H), 0.14 kg, 100 pcs/carton	
Nickel Metal Hydride Cell (NiMH), 1.2 V, 9000 mA	056053
Ø 32 x 60 mm (H), 0.16 kg, 40 pcs/carton	
Lead Acid Rechargeable Battery (drive battery) 12 V, 105 Ah	165341-105
353 x 175 x 190 mm (LxWxH) 23,5 kg, 36 pcs/pallet	
Lead Acid Rechargeable Battery (drive battery) 12 V, 180 Ah	165341-180
513 x 224 x 225 mm (LxWxH), 49,4 kg, 21 pcs/pallet	
Lead Acid Rechargeable Battery (drive battery) 12 V, 225 Ah	165341-225
518 x 276 x 242 mm (LxWxH), 59,4 kg, 18 pcs/pallet	
Lead Gel Rechargeable Battery (drive battery) 12 V, 56 Ah	056036-1
278 x 175 x 190 mm (LxWxH), 21 kg, 51 pcs/pallet	
Lead Gel Rechargeable Battery (drive battery) 12 V, 80 Ah	165333-1
350 x 175 x 190 (LxWxH), 26 kg, 48 pcs/pallet	
Lead Gel Rechargeable Battery (drive battery) 12 V, 150 Ah	165335-01
513 x 223 x 225mm (LxWxH), 50 kg, 21 pcs/pallet	
Lead Gel Rechargeable Battery (drive battery) 12 V, 210 Ah	165338
518 x 291 x 242 mm (LxWxH), 63 kg, 18 pcs/pallet	



Chargers for Batteries

Chargers for Batteries	Ref. No.
Battery tester for all 12 V lead-acid batteries	070081-2
Charger for nickel cadmium rechargeable batteries (1 charger per lamp)	161060-1
Charger 12 V, 25 A, IP44	070074-26
Charger 230/12 V, 30 A, IP67	070074-31
Mains charger for Synchros	070157-1
Charger 230/12 V, 25 A for LZA 500, with battery clips	070074-26-50



Warning trailers for roads without oncoming traffic

A-SERIES

Benefit from our modular and individually configurable trailers with extremely long operating times and load capacities of up to 1.7 tons.

Comparison	A1	A2	A31	A41	A51
Perm. total weight	750–1300 kg	1300–1500 kg	1300–1800 kg	2000–2500 kg	3500 kg
Empty weight	550–790 kg	680–910 kg	850–1100 kg	1100–1300 kg	1800–1900 kg
Load capacity	200–510 kg	590–820 kg	450–700 kg	900–1400 kg	1600–1700 kg
Loading area (L x W)	1360 x 1620 mm	1870 x 1620 mm	2500 x 1820 mm	3100 x 1820 mm	5400 x 1850 mm
Total length	3770–4500 mm	4800–5300 mm	5300–5990 mm	6800–7200 mm	8950–9260 mm
Height (lifted)	4000 mm	4000 mm	4000 mm	4000 mm	4000 mm
Height (lowered)	2650 mm	2650 mm	2650 mm	2650 mm	2650 mm
Track width	2000 mm	2000 mm	2200 mm	2200 mm	2200 mm
Loading ramp	no	optional	yes	yes	yes





ROBUST MODULAR DESIGN

Welded chassis and steel frames from our own production facilities

CORROSION PROTECTION

Chassis, drawbar, and frame completely galvanized

OPTIMAL CONSTRUCTION

High-quality components for consistently safe operation and easy maintenance

STABLE WARNING TRAILER

with traffic sign 616-30 according to RSA 21 and ZTV-SA with retroreflective foil (3600 x 2200 mm); Country-specific traffic signs available upon request

LIGHT ARROW DEVICE

with two energy-saving warning lamps and 25 energy-saving, individually monitored TL warning lamps

SIMPLE OPERATION

Change the direction of the light arrow and rotate the motorized arrow via remote control; uniform operating concept

LONG SERVICE LIFE

Up to 80 hours of daily operation as standard – more is optional

MOBILE TELEMATICS

All products in this series are compatible with the TrafficManager software.

Warning Trailer Type A1

Warning Trailer Type A1

Ref. No.

Warning Trailer Type A1 in modular construction
without light arrow combination

129717-001

Technical Data

Total weight	750 - 1300 kg
Empty weight depending on model	550 - 790 kg
Total length	3770 - 4500 mm
Total width	2200 mm
Track width	2000 mm
Max. load capacity	200 - 510 kg
Loading area (LxW)	1360 x 1620 mm
Side boards (H)	300 mm



Warning Trailer Type A2

Warning Trailer Type A2

Ref. No.

Warning Trailer Type A2 in modular construction
without light arrow combination

129717-002

Technical Data

Total weight	1300 - 1500 kg
Empty weight depending on model	680 - 910 kg
Total length	4800 - 5300 mm
Total width	2200 mm
Track width	2000 mm
Max. load capacity	590 - 820 kg
Loading area (LxW)	1870 x 1620 mm
Side boards (H)	300 mm



Warning Trailer Type A31

Warning Trailer Type A31

Ref. No.

Warning Trailer Type A31 in modular construction

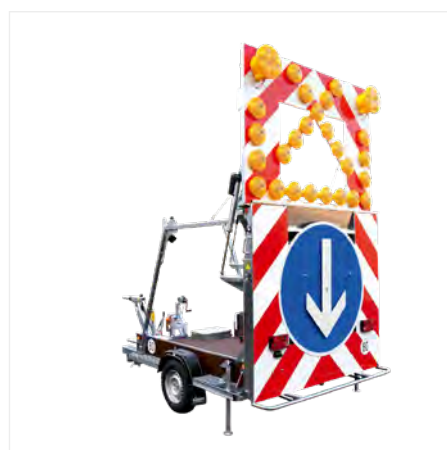
129717-031

Warning Trailer Type A31-L in modular construction

129717-031-L

Technical Data

Total weight	1300 - 1800 kg
Empty weight depending on model	850 - 1100 kg
Total length	5300 - 5990 mm
Total width	2400 mm
Track width	2200 mm
Max. load capacity	450 - 700 kg
Loading area (LxW)	2500 x 1820 mm
Side boards (H)	300 mm
Clearance width	1830 mm
Clearance height	1878 mm
450 - 480 kg	450 - 700 kg



Warning Trailer Type A41



Warning Trailer Type A41

Ref. No.

Warning Trailer Type A41 in modular construction

129717-041

Technical Data

Total weight	2000 - 2500 kg
Empty weight depending on model	1100 - 1300 kg
Total length	6800 - 7200 mm
Total width	2400 mm
Track width	2200 mm
Max. load capacity	900 - 1400 kg
Loading area (LxW)	3100 x 1820 mm
Side boards (H)	300 mm
Clearance width	1830 mm
Clearance height	1878 mm
1050 - 1350 kg	900 - 1400 kg



Warning Trailer Type A51



Warning Trailer Type A51

Ref. No.

Warning Trailer Type A51

129717-051

Technical Data

Total weight	3500 kg
Empty weight depending on model	1800 - 1900 kg
Total length	8950 - 9260 mm
Total width	2430 mm
Track width	2200 mm
Max. load capacity	1600 - 1700 kg
Loading area (LxW)	5400 x 1850 mm
Clearance width	1830 mm
Clearance height	1878 mm



Warning trailers for roads with oncoming traffic

B-SERIES

Take advantage of our modular and individually configurable trailers with long operating times and load capacities up to 1.5 tons.

Comparison	B1	B2	B3	B4
Perm. total weight	750 kg	750–1000 kg	1300–1500 kg	2000–2500 kg
Empty weight	350–400 kg	400–450 kg	700–900 kg	950–1000 kg
Load capacity	-	350–550 kg	400–700 kg	1000–1550 kg
Loading area (L x W)	-	1760 x 1000 mm	2610 x 1510 mm	3610 x 1510 mm
Total length	4200–4700 mm	4200–4700 mm	5400–5900 mm	6480–6630 mm
Height (lifted)	2870 mm	2870 mm	3050–3350 mm	3050–3350 mm
Height (lowered)	1950 mm	1950 mm	1940–2240 mm	1940–2240 mm
Track width	1400 mm	1400 mm	1900 mm	1900 mm
Loading ramp	no	no	yes	yes





ROBUST MODULAR DESIGN

Welded chassis and steel frames from our own production facilities

CORROSION PROTECTION

Chassis, drawbar, and frame completely galvanized

OPTIMAL CONSTRUCTION

High-quality components for consistently safe operation and easy maintenance

STABLE WARNING TRAILER

with traffic sign 616-30 according to RSA 21 and ZTV-SA with retroreflective foil (3600 x 2200 mm); Country-specific traffic signs available upon request

LIGHT ARROW DEVICE

with two energy-saving warning lamps and 25 energy-saving, individually monitored TL warning lamps

SIMPLE OPERATION

Change the direction of the light arrow and rotate the motorized arrow via remote control; uniform operating concept

LONG SERVICE LIFE

Up to 80 hours of daily operation as standard – more is optional

MOBILE TELEMATICS

All products in this series are compatible with the TrafficManager software.

Warning Trailer Type B1



Warning Trailer Type B1	Ref. No.
Warning Trailer Type B 1, without light warning system	129700-001

Technical Data	
Total weight	750 kg
Empty weight depending on model	350 - 400 kg
Total length	4200 - 4700 mm
Total width	1700 mm
Track width	1400 mm



Warning Trailer Type B2



Warning Trailer Type B2	Ref. No.
Warning Trailer Type B 2, without light warning system	129700-002

Technical Data	
Total weight	300 mm
Empty weight depending on model	750 - 1000 kg
Total length	4200 mm
Total width	1700 mm
Track width	1400 mm
Max. load capacity	350 - 550 kg
Loading area (LxW)	1760 x 1000 mm
Side boards (H)	300 mm



Warning Trailer Type B3



Warning Trailer Type B3	Ref. No.
Warning Trailer Type B 3, total weight 1300 kg	129700-003
Warning Trailer Type B 3, total weight 1500 kg	129700-003-01

Technical Data	
Total weight	1300 - 1500 kg
Empty weight depending on model	700 - 900 kg
Total length	5400 - 5800 mm
Total width	2226 mm
Track width	1900 mm
Max. load capacity	400 - 700 kg
Loading area (LxW)	2610 x 1510 mm
Side boards (H)	300 mm
Clearance width	1510 mm
Clearance height	1262 mm (centred 2212 mm)
540 - 710 kg	400 - 700 kg



Warning Trailer Type B4



Warning Trailer Type B4	Ref. No.
Warning Trailer Type B 3 Tandem (B 4), without light warning system	129700-004

Technical Data	
Total weight	2000 - 2500 kg
Empty weight depending on model	950 - 1000 kg
Total length	6264 - 6744 mm
Total width	2104 mm
Track width	1900 mm
Max. load capacity	1000 - 1550 kg
Loading area (LxW)	3610 x 1510 mm
Side boards (H)	300 mm
Clearance width	1510 mm
Clearance height	1262 mm (centred 2212 mm)
1000 - 1500 kg	1000 - 1550 kg



Advance Warning Trailer Type VLT1



Advance Warning Trailer Type VLT1	Ref. No.
Advance Warning Trailer Type VLT1 with prism technique, with twofold warning system	129260-001
total weight 750 kg, with parking brake	
Advance Warning Trailer Type VLT1 with prism technique, with twofold warning system	129260-002
total weight 1000 kg, with overrun brake	

Technical Data	
Height lowered	1550 mm
Height lifted	3380 mm
Total weight	750 - 1000 kg
Empty weight depending on model	350 kg
Total length	4150 - 4400 mm
Total width	1830 mm
Track width	1600 mm
Max. load capacity	400 - 650 kg
Height lifted	3380 mm



Warning Board Type A and B

Warning Board Type A and B	Ref. No.
Warning Board Type B according to German standard "RSA" with sign 616-31 (small)	329378-001
Warning Board Type A according to German standard "RSA" with sign 616-30	329379-001



Upper Boards

Upper Boards	Ref. No.
Upper Board with light arrow combination type LP 15	329380-001
Upper Board with light arrow device type LP 25	329380-004



Vertically Liftable Warning Board Slider

Vertically Liftable Warning Board Slider	Ref. No.
Vertically Liftable Warning Board Slider with light arrow device type 8000 and motor operated arrow adjustment	129740-001





VarioSign LED TRAILER

Comparison	Standard	Advanced	Advanced Pro	Premium	Pharos 2.0	Pharos 2.39
Perm. total weight	750–1000 kg	750–1000 kg	1000 kg	1000–1500 kg	2500 kg	2500 kg
Empty weight dep. on model	620–720 kg	640–900 kg	850–900 kg	810–940 kg	2260 kg	2050 kg
Load capacity	30–380 kg	100–360 kg	100–150 kg	190–490 kg	240 kg	450 kg
Total length	4450–5800 mm	4450–5800 mm	5365–5615 mm	3770–5300 mm	5950–5990 mm	5950–5990 mm
Total width	1810 mm	1810 mm	1810 mm	2200 mm	2200 mm	2200 mm
Top LED sign	2 x 2/420	3 x 3/360	-	3 x 3/420	7 x 3/360	5 x 3/360
Middle LED sign	-	-	-	-	3 x 3/360	3 x 3/360
Lower LED sign	3 x 4/420	3 x 4/420	3 x 7/420	4 x 4/420	3 x 4/420	3 x 4/420 and 3 x 7/420
LED colours	re/wh/ye/bl-RGB	re/wh/ye/bl-RGB	re/wh/ye/bl-RGB	re/wh/ye/bl-RGB	re/wh/ye/bl-RGB	re/wh/ye/bl-RGB
Pitch	20 mm	20 mm	20 mm	20 mm	20 mm	20 mm



Thanks to powerful LED modules, a wide range of display options and compatibility with intelligent control systems, our mobile LED warning lamps are suitable for a wide variety of applications – from securing hazardous areas to traffic management at events.

LED VARIABLE MESSAGE SIGNS

Developed and manufactured in-house

HIGH LUMINOSITY

2,500 LEDs/m² – tested and approved

DYNAMIC DISPLAY

Software for free programming

STEPLESS BRIGHTNESS ADJUSTMENT

Automatic or manual

HIGH-PERFORMANCE ELECTRONICS

For extremely long service life

ROBUST MODULAR DESIGN

With individually replaceable elements

INDIVIDUAL DESIGN

Chassis and LED variable message signs

MOBILE TELEMATICS

All products in this series are compatible with the TrafficManager software

VarioSign LED Trailer STANDARD

VarioSign LED Trailer STANDARD

Ref. No.

Advance Warning Trailer VarioSign STANDARD
with LED variable message signs
total weight 750 - 1000 kg, with parking brake

129265-011

Technical Data

Height lowered	1475 mm
Height lifted	3596 mm
Total weight	750 - 1000 kg
Empty weight depending on model	620 - 720 kg
Total length	4450 - 5800 mm
Total width	1810 mm
Track width	1600 mm
Max. load capacity	30 - 380 kg
Height lifted	3596 mm
Height lowered	1475 mm



VarioSign LED Trailer ADVANCED

VarioSign LED Trailer ADVANCED

Ref. No.

Advance Warning Trailer VarioSign ADVANCED

129265-012

with LED variable message signs
total weight 1000 kg, with parking brake

Technical Data

Height lowered	1455 mm
Height lifted	3970 mm
Total weight	750 - 1000 kg
Empty weight depending on model	640 - 900 kg
Total length	4450 - 5800 mm
Total width	1810 mm
Track width	1600 mm
Max. load capacity	100 - 360 kg



VarioSign LED Trailer ADVANCED PRO

VarioSign LED Trailer ADVANCED PRO

Ref. No.

Advance Warning Trailer VarioSign ADVANCED

129265-012-10

with LED variable message signs
total weight 1000 kg, with parking brake

Technical Data

Height lowered	1720 mm
Height lifted	3765 mm
Total weight	1000 kg
Empty weight depending on model	850 - 900 kg
Total length	5365 - 5615 mm
Total width	1810 mm
Track width	1600 mm
Max. load capacity	100 - 150 kg



VarioSign LED Trailer PREMIUM

VarioSign LED Trailer PREMIUM	Ref. No.
Advance Warning Trailer VarioSign ADVANCED with LED variable message signs (A1), total weight 1300 - 1500 kg, with parking brake	129265-025
Advance Warning Trailer VarioSign ADVANCED with LED variable message signs (A2) total weight 1300 - 1500 kg, with parking brake	129265-026

Technical Data

Height lowered	2460 mm
Height lifted	3930 mm
Total weight	A1: 1000 - 1300 kg, A2: 1300 - 1500 kg
Empty weight depending on model	A1: 810 kg, A2: 940 kg
Total length	A1: 3770 - 4500 mm, A2: 4800 - 5300 mm
Total width	2200 mm
Track width	2000 mm
Max. load capacity	A1: 190 - 490 kg, A2: 220 - 420 kg
Loading area (LxW)	A1:1360 x 1620 mm, A2:1870 x 1620 mm
Height lifted	3930 mm
Height lowered	2460 mm



VarioSign LED Trailer SOLAR TOWER

VarioSign LED Trailer SOLAR TOWER	Ref. No.
Mobile information board "Solar Tower" with LED variable message signs total weight 1500 kg, with parking brake	129265-041

Technical Data

Height lowered	2700 mm
Height lifted	3900 mm
Total weight	1500 kg
Total length	3450 mm
Total width	1650 mm
Track width	1390 mm
Height lifted	3900 mm
Height lowered	2700 mm



VarioSign LED Trailer SOLAR

VarioSign LED Trailer SOLAR	Ref. No.
Mobile Info board "Solar" with LED variable message signs total weight 1000 kg, with holding brake	129265-032

Technical Data

Height lowered	1600 mm
Height lifted	3650 mm
Total weight	1000 kg
Total length	5450 mm
Total width	1810 mm
Track width	1600 mm



VarioSign LED Warning Trailer PHAROS 2.0

VarioSign LED Warning Trailer PHAROS 2.0

Ref. No.

Advance LED Overhead Warning Trailer Pharos 2.0

129265-052

Technical Data

Height lowered	3700 mm
Height lifted	6720 mm
Total weight	2500 kg
Empty weight depending on model	2260 kg
Total length	5950 - 5990 mm
Total width	(side part lowered / lifted) 2200 / 5500 mm
	mm
Track width	2000 mm
Max. load capacity	240 kg
Clearance height	4800 mm
Height lifted	6720 mm



VarioSign LED Warning Trailer PHAROS 2.39

VarioSign LED Warning Trailer PHAROS 2.39

Ref. No.

Advance LED Overhead Warning Trailer Pharos 2.39

129265-053

Technical Data

Height lowered	3700 mm
Height lifted	6850 mm
Total weight	2500 kg
Empty weight depending on model	2050 kg
Total length	5950 - 5990 mm
Total width	2200 mm
Track width	2000 mm
Max. load capacity	450 kg
Height lifted	6850 mm



Mobile sign gantry Vario Sign Pharos XXL

Mobile sign gantry Vario Sign Pharos XXL

Ref. No.

Mobile sign gantry VarioSign Pharos XXL with variable message sign trailer version

129724-001

Mobile sign gantry VarioSign Pharos XXL with variable message sign version roll-off frame

129725-001

Technical Data

Height lowered	3370 mm
Height lifted	6433 mm
Total weight	15000 kg
Total length	(transport) 10675 mm (work) 13765 mm
Total width	(transport) 2497 mm (work) 18620 mm



VarioSign LED Variable Message Sign



VarioSign LED Variable Message Sign	Ref. No.
VarioSignSMD Type 2x2-420, 12/24 V, red/white fully assembled with external control box, weight ca. 40 kg	229291-22-103
VarioSignSMD Type 3x3-360, 12/24 V, red/white fully assembled with external control box, weight ca. 55 kg	229290-33-103
VarioSignSMD Type 3x4-420, 12/24 V, red/white fully assembled with external control box, weight ca. 85 kg	229291-34-103

Technical Data	
Light source	LED
Operating voltage	12/24 Volt
Material housing	Aluminium, seawater-resistant
LED/m²	2500



LED-Variable Message Sign VarioSign-K

LED-Variable Message Sign version VarioSign-K	Ref. No.
LED-VMS VarioSign-K 2x2K-360, red/white, black plastic housing, width 840 x 840 mm (Other sizes/ versions on request)	229290-22-213

Technical Data	
Weight	about 20 kg
Light source	LED
Operating voltage	12/24 V
Dimensions housing	840 x 840 mm
LED/m²	2.500 pieces
LED-display area	720 x 720 mm
LED-grid	20 mm
character size symbols	Circle/triangle: 750 mm



Portable LED Variable Message Sign SpeedSign



Portable LED Variable Message Sign SpeedSign	Ref. No.
Portable LED Variable Message Sign SpeedSignSMD 750 red/white (5-130), 12 V	229282-1

Technical Data	
Weight	16 kg
Light source	LED
Operating voltage	12 V
Dimensions housing	870 x 870 x 70 mm
Material housing	aluminium, seawater-resistant
LED/m²	2500



LED Variable Message Sign WeNiPol II

LED Variable Message Sign WeNiPol II	Ref. No.
WeNiPol II ProLine ST 12 V, amber fully assembled	129503-001-01
WeNiPol II ProLine ST 12 V, red/white fully assembled	129503-002-01
WeNiPol II ProLine ST+ 12 V, red/white fully assembled	129503-002-02
WeNiPol II ProLine ST+ 12 V, red/white/amber fully assembled	129503-003-02

Technical Data

Weight	50 kg
Height lowered	205 mm
Height lifted	ST: 1020 mm ST+: 1080 mm
Total length	ST: 1000 mm ST+: 1060 mm
Total width	920 mm



Defender

Mobile crash protection system DEFENDER

Mobile crash protection system DEFENDER	Ref. No.
Warning board with docking station and crash cushion Defender	129741-XXX-YYY
Crash absorber	073201-XXX-YYY
Docking station	073002-002
Docking station XXL for Defender	073002-001

Technical Data

Weight	(cushion) 350 kg (docking station) 765 kg (warning board) 300 - 400 kg (Work position): 3664 mm (Transport position): 3719 mm
Height lowered	
Height lifted	
Total length	4466 mm
Total width	2366 mm



Touch Remote Colour

Touch Remote Colour	Ref. No.
Touch Remote Colour LE radio/cable remote control (bluetooth) with touch screen and illuminated keypad (without cable)	329236-5

Technical Data	
Dimensions (LxWxH)	211 x 141 x 39 mm
Weight	680 g



Standard and Pro Remote Colour

Standard and Pro Remote Colour	Ref. No.
Standard and Pro Remote Colour	329239-1
Standard Remote cable remote control touchscreen (without accessories)	329232-3

Technical Data	
Dimensions (LxWxH)	215 x 130 x 45 mm
Weight	Standard Remote Colour: 520 g nPro Remote Colour: 650 g



Eco and Radio Remote

Eco and Radio Remote	Ref. No.
Eco Remote II cable remote control (without cable)	329233-3
Radio Remote II - Radio remote control	329235-2

Technical Data	
Dimensions (LxWxH)	175 x 80 x 31 mm
Weight	Eco Remote: 170 g nRadio Remote: 250 g



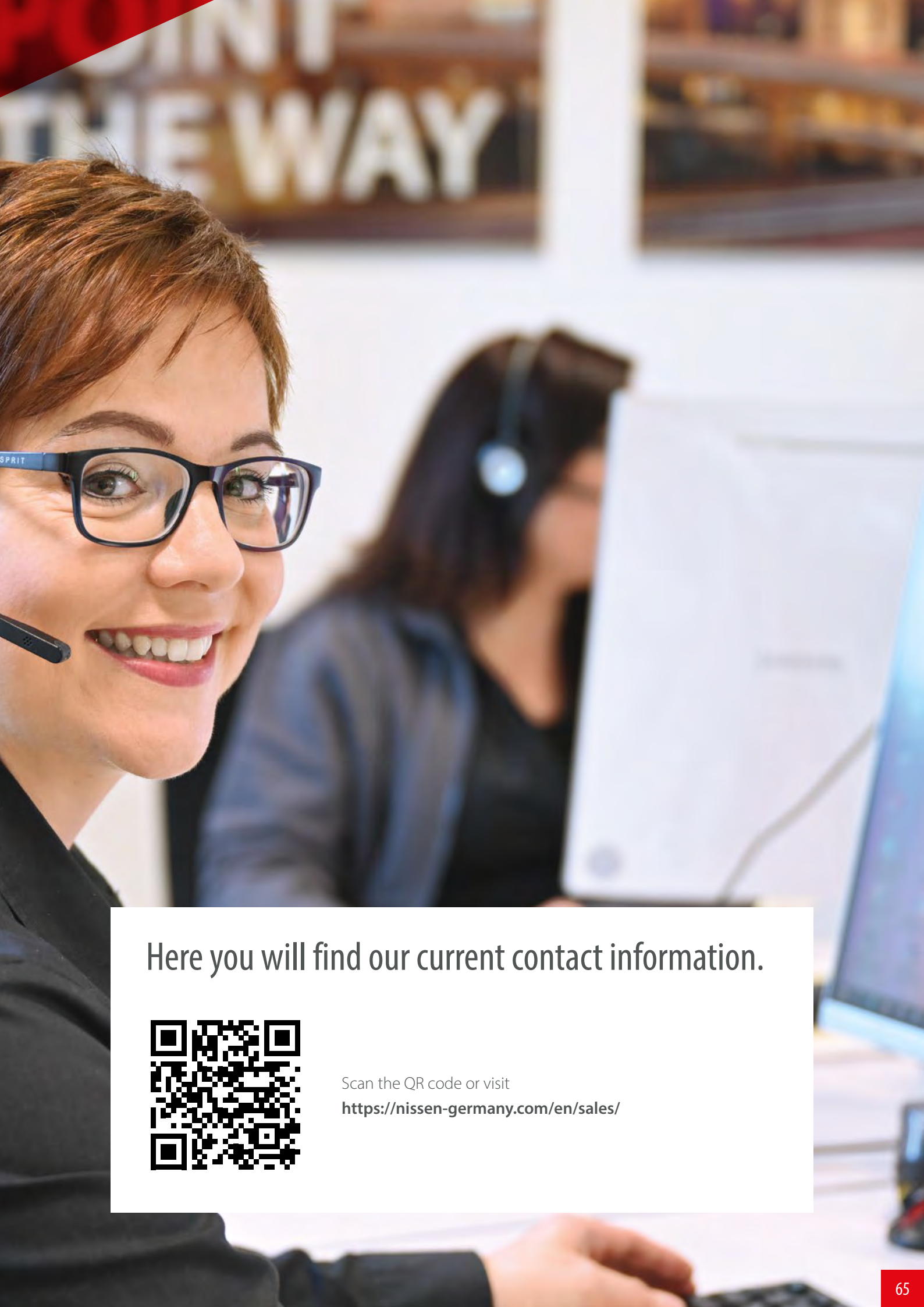
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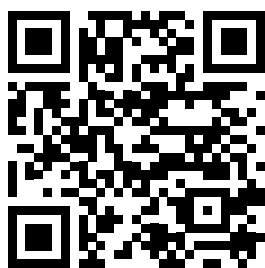
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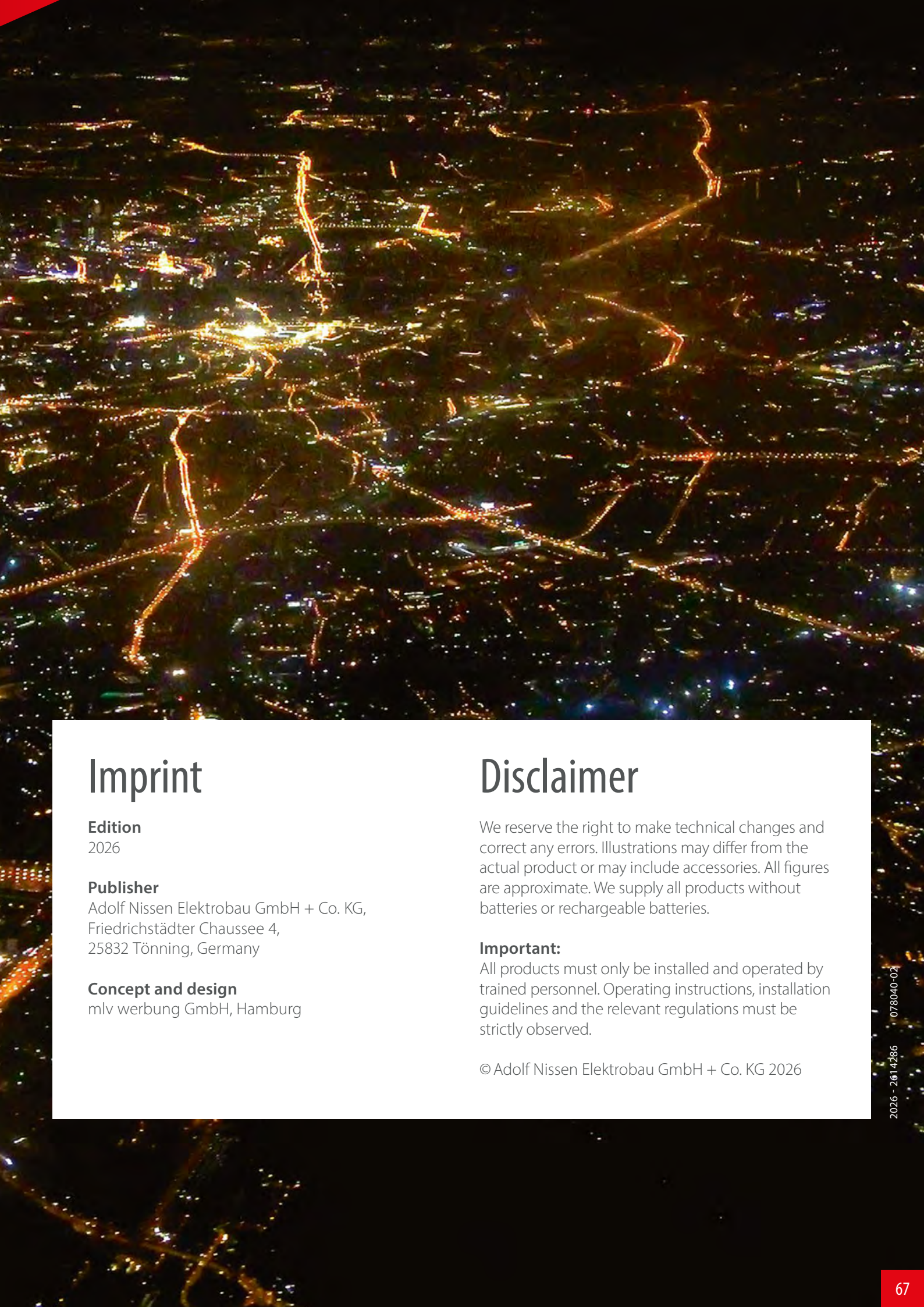
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