

# road safety

BS and EN compliant products



... for superior visibility at roadworks



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## ConiLamp Ref. No: 130 331-1

- Single battery LED lamp for use on traffic cones
- Superior light output with special polycarbonate lens
- Built-in solar switch for daytime energy saving
- Automatic switch ON when mounted on a cone
- Long operating times with minimum power consumption
- Integrated cone bracket for firm cone grip
- Quick and easy to deploy; no keys or tools required
- Robust design to meet harsh operational requirements



## TaperLamp Ref. No: 129 083-1

- Innovative and robust LED sequential lamp, ideal for taper applications and for incident management
- Automatic switch ON when mounted on a cone
- State-of-the art infra-red communication
- Self-synchronising and quick to deploy
- Static background light for clear traffic guidance
- Taper Lamp BS 3143 and EN 12352 compliant, meets chapter 8 requirements



## MonoLight Ref. No: 111 602-60

- Single battery LED Lamp
- 180 mm dia polycarbonate lens
- Flashing / continuous mode
- Robust locking system of battery compartment
- Supplied with attached cone bracket
- MonoLight BS 3143 pt 2 and EN 12352 compliant
- Also available in red or blue LEDs



## MonoSignLight Ref. No: 111 601-62

- Single battery lamp for illuminating works signs
- High intensity lamp with super white LED (220 cd)
- 180 mm dia polycarbonate clear lens (front) and black rear casing
- Supplied with attached plastic cone bracket
- Solar switch for automatic ON / OFF
- Long operating times (120 hrs with Nissen Premium 800 battery)
- BS 3143 and EN 12352 compliant



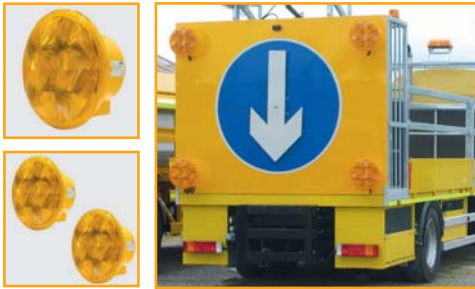
## Star-Flash LED Type 627: Sequential Light System Ref. No: 129 091-011-03

- High intensity with 1 super LED (ca. 500 cd)
- Low power consumption
- Light weight (ca. 1.8 kg)
- Approx. 70 hours operating time with single battery
- High stability with four swivel-out support feet
- Large push button for ON/OFF
- All lamps identical, each lamp can be used individually



## Synchronos – Mobile Hazard Warning Set Ref. No: 141 060-1

- Robust and compact sequential guiding system
- Excellent daytime visibility
- Easy to synchronise and deploy the studs
- In-vehicle 12 / 24 V charging; mains charger optional
- Ideal for HATO, breakdown and recovery services and traffic management companies
- Also available in blue LEDs (Ref. No. 141060-2)



### Advanced Warning Lamps Ref. No: 122314-101

- Ultra bright lamp for superior advance hazard warning
- Ideal for high speed roads
- Automatic day/night adaptation
- 12 V / 24 V system; battery or mains powered
- Minimal power consumption with LED lamps
- Robust lamp construction allows the lamps to withstand any level of vibration
- Lamps available in different diameters, incl. 340 mm and 220 mm
- Fully BS & EN compliant and meets chapter 8 requirements



### LP13 – Mini-Light Arrow with “Zyklop” Lamps Ref. No: NUK-000 004

- 13 amber lamps forming a mini light arrow (left or right) and 4-fold hazard warning
- Ideal for use on routine maintenance and ISU vehicles
- Latest 220 mm dia “Zyklop” lamps consist of only 1 LED and therefore increases the operating times by 70 %
- Available in “fixed” and “articulated” versions
- Visible over a very long distance
- Automatic day and night adaptation of light intensity
- 12V or 24V system with easy to use cab-fitted remote control
- BS and EN compliant; authorised by HA and DfT



### LP8000 Light Arrow with “Zyklop” Lamps Ref. No: NUK-000 002B

- Combined top light arrow board and bottom blue arrow sign 610 is powered by an arrow motor-suitable for IPV (TMA)
- LED Light arrow Ni-Bus (Nissen BUS) communication
- Ultra bright arrows with 2 x 340 mm & 25 x 220 mm LED lamps
- Latest 220 mm dia “Zyklop” lamps consist of only 1 LED and therefore increases the operating times by 70 %
- High grade micro-processor controlled electronics
- Easy to operate with cab-fitted remote control which displays the arrow positions on the light board
- Galvanised framework
- Fully BS and EN compliant and meets chapter 8 requirements



### VarioSign – ROTTMS VMS

- Designed for Remotely Operated Temporary Traffic Management Signs (ROTTMS)
- Ideal system to prevent workforce from carriageway crossings
- System can be controlled via Bluetooth, GPRS or Hardwired communications (copper or fibre optic)
- Seawater-resistant aluminium housing
- Saves up to 40 % energy on conventional technique by using LEDs in SMD technique
- Wide emitting light angle and anti-glare screen
- Good visibility from nearly every viewing angle even in bright daylight
- Battery, solar or mains powered
- BS & EN 12966 compliant & authorised by the DfT



### WeNiPol II – Mobile Variable Message Sign Ref. No: NUK-000 006

- Roof mountable system especially designed for emergency and roads services
- Capable of displaying any kind of static or dynamic symbol, text or sign
- Available in red/white or red/amber
- Highly legible even during bright daylight
- Automatic adjustment of brightness for day and night
- Low power consumption
- BS and EN 12966 compliant; TOPAS approved and authorised by the DfT

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## VMS VarioSign 5x4k-420

- State-of-art VMS system is equipped with VarioSign red/amber or red/white SMD LEDs
- System consists of VarioSign (top) and a conventional 610 arrow (bottom) equipped with a yellow blind or Nissen Toblerone (prism) system.
- Pre-programmed with arrow left, arrow right, 2-fold wig wags and a red cross.
- Depending on the selected arrow position on VMS, the 610 arrow displays a corresponding arrow left or right and when top VMS board displays red X, a yellow blind system displays "CONVOY VEHICLE NO OVERTAKING"
- Ideal for IPVs offering advanced superior warning and information to oncoming motorists
- System can be programmed with "wicket" signs for lane closure information.
- BS and EN compliant system and meets chapter 8 requirements



## VarioSign 4x3k-420

- Full matrix LED panel with Vehicle Actuated Sign (VAS) as an optional extra
- Equipped with the latest Surface Mount Device (SMD) LED technology
- Very small footprint makes it ideal for towns and city applications
- Size of housing: 1810 (L) x 1390 (H) mm; LED Area: 1260 (L) x 1680 (H) mm
- Highly legible sign even during bright day light (no phantom affect)
- System consumes minimal power and offers long operating times
- Trailer mount system can be powered by 230V mains or batteries or solar assisted
- Messages can be displayed locally using Nissen remote control or bespoke web based system
- High grade micro-processor controlled electronics is suitable for all weather conditions
- Photometric values in accordance with BS EN 12966
- Up to 4 LED colours
- Wide range of VMS systems for trailer and vehicle mount applications are available



## Plastic Pro-Barrier Ref. No: NUK-071655-103

- Robust and high quality plastic barrier with its upright galvanized metal tubes slots into the Nissen Universal Base Plates "K1" (feet) for instant protection.
- Highly stable barrier system is capable of withstanding high wind pressures and therefore ideal for high speed roads and slip road closures- preventing the motorists from driving through coned roads
- Barrier is equipped with retroreflective foil type 1 for high visibility
- A protective rim around the sign face protects the foil against damage during transport and storage
- All parts are firmly interconnected and suitable for even uneven surfaces
- Base Plates allow the barrier to be angled to any position – making it a versatile system
- Nissen plastic barrier is maintenance free and weather-resistant
- Easy to stack, transport and store



## LZA 500-UK & LZA 500-UK PED

- Compact & portable LED traffic light system (trailer not needed)
- Folding head, operation height: ca. 2825 mm; stowed height: ca. 1480 mm (LZA 500-UK)
- Folding head, operation height: ca. 2839 mm, stowed height: ca. 1440 mm (LZA 500-UK PED)
- Minimal power consumption
- Controller faces away from the traffic with swivel head facility
- Wireless operation standard or cable operation optional
- Suitable for 2-way or multiphase setups including pedestrian crossing systems
- Easy to operate & controller has a lighted display
- TOPAS Approved



## Batteries

- High performance 6 V batteries
- Standard and Air Alkaline batteries available (typically) ex-stock
- All batteries free of mercury and cadmium
- Constant discharge with Air Alkaline batteries for uniform brightness of warning lamps

Subject to technical modifications. For supply of these and many other Nissen products please contact Nissen UK Limited.

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