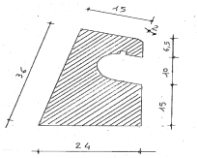
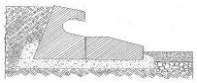
# 2016 CATALOGUE

| No. | Product description | MEPA Code |
|---|---|---|
| | **LedBlok Roundabout System**: | |
| 1 | Supply of ZAMA Impianti s.r.l or equivalent **"LEDBLOK" Kerb,** height 51cm, depth 34cm, length 33.3cm, manufactured in compliance with standard UNI EN 1340:2004/EC1:2008, to form the central ring of roundabouts and general kerb work for the construction of straight or curved tracks, including special pieces for the running of StripLed power cables. The kerb is made of prefabricated white grit vibrated concrete, with a shape and size as shown in the attached final design, The head is characterised by a special "grooved side" for the safe and protected housing of LEDs, while the base has a unique "curved foot" for easy, quick and secure laying. In addition, it has unique and proven lighting results due to its indirect reflected light effect. The prefabricated product must pass the physical and mechanical tests required by standard UNI EN 1340:2004/EC1:2008 and must be manufactured with the following minimum technical characteristics: class 2 breakage resistance, class 2 water absorption and class 3 ice resistance/thawing with salt. | **LedBlok 510x340x333** |
| 2 | Supply of ZAMA Impianti s.r.l or equivalent **LedBlok Kerb H30,** manufactured in compliance with standard UNI EN 1340:2004/EC1:2008, to form the central ring of roundabouts and general kerb work, in washed white cement and white grit throughout, to be laid on a suitable reinforced concrete foundation, constituted of a kerb, size 15x36cm, length 30cm, with hollows to house "StripLed" lighting. The kerb has the following technical construction characteristics: Bending resistance >= 4.8 Mpa, Total water absorption <= 5%, Ice resistance/thawing <= 0.40kg/$m^{2.}$ |  **Upon request** |
| 3 | Supply of **Outside Kerb** to be used on the outside of LedBlok Kerb H30**,** manufactured in compliance with standard UNI EN 1340:2004/EC1:2008, in washed white cement and white grit throughout, to be laid on a suitable reinforced concrete foundation, constituted of a kerb, base 27cm, height 9/15cm, length 30cm, The kerb has the following technical construction characteristics: Bending resistance >= 4.8 Mpa, Total water absorption <= 5%, Ice resistance/thawing <= 0.40kg/$m^{2.}$ |  **Upon request** |
| 4 | Supply of ZAMA or equivalent **Indirect LED Lighting System "Flexi Strip-LED"** with innovative COB (Chip On Board) LED inserted in the transparent extruded body, size 6x12mm, cold white colour LED (6000°K) with a distance of 27.8mm between each LED. The system is water, dust and shock resistant (IP67 guaranteed and EN60598-1 certified), and its COB LED technology makes this product not only highly efficient in terms of consumption, but also practically maintenance-free. Thanks to the symbols on the rear, Flexi Strip-Led is very easy to cut to the desired length, and with its varous accessories, such as connectors (male/female), hoods and profile kits (linear and angular), it is easy to install. The working temperature is between -20 and +70°C, and it is available in two supply voltages: 12VDC and 24VDC; | **Flex.Strip.Led** |
| 5 | Supply of **StripLed Power Supply Unit** 100-230VAC/24VDC stabilised at 3.2A, 100W to be inserted in the control panel or IP67 airtight container (for 25m of Flexi Strip-Led); | **Upon request** |
| 6 | Supply of **Strip-Led Power Supply Panel** composed of a fibreglass box with door and key lock, n°1 power supply unit 100-230VAC/24VDC stabilised at 3.2A, power supply line protection (Public Lighting), including cabling, anchor bolts to secure the box to the base and everything else necessary for a professional finish; | **Upon request** |
| 7 | Supply of **RGB Indirect LED Lighting System "Flexi Strip-LED"** or equivalent with innovative COB (Chip On Board) LED inserted in the transparent extruded body, with a distance of 33.2mm between each LED. The system is water, dust and shock resistant (IP67 guaranteed and EN60598-1 certified), and its COB LED technology makes this product not only highly efficient in terms of consumption, but also practically maintenance-free. Thanks to the symbols on the rear, Flexi Strip-Led is very easy to cut to the desired length, and with its varous accessories, such as connectors (male/female), hoods and profile kits (linear and angular), it is easy to install. The operating temperature is between -20 and +70°C, and it is available with a supply voltage of 12VDC; | NOVITA' **Flex.Strip.LedRGB** |
| 8 | Supply of **12V Controller** for 25 programme RGB strip. | **Upon request** |
| 9 | Supply of **RGB StripLed Power Supply Unit** 100-230VAC/12VDC stabilised at 12.5A, 150W to be inserted in the control panel or IP67 airtight container (for 20m of Flexi Strip-Led RGB); | **Upon request** |
| 10 | Supply of **RGB "Flexi Strip-Led" Power Supply Panel** composed of a fibreglass box with door and key lock, n°1 power supply unit 100-230VAC/12VDC stabilised at 12.5A, remote control for RGB colour management, power supply line protection (Public Lighting), including cabling, anchor bolts to secure the box to the base and everything else necessary for a professional finish; | **Upon request** |

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| No. | Product description | MEPA Code |
|---|---|---|
| | **SicurLed System for pedestrian crossings:** | |
| 11 | Supply of **SicurLed LED Flashing, backlit system for pedestrian crossings** formed of an aluminium box, size 650xH850mm, width 30mm, with crossing pedestrian figure covered in highly reflective Diamond Grade, Translucent film, uniformly backlit with LED in compliance with standard UNI EN 12899, by means of a laser perforated polycarbonate white plate with 12VDC LED with a minimum life of 50,000 hours and a luminance of 1147cd/m$^2$ on four sides for a consumption of 28.8W. With a 230VAC-12VDC 5A class II power supply unit which runs when public lighting is activated. Operating temperature between -10°C and +55°C in 6.5kg IP54 box, complete with attachments for mounting on post, diameter 60/90mm. With 4 upper LED projectors, diameter 100mm (two on each side) complying with standard UNI EN 12352\cl.L2H, active 24hrs a day by means of a flashing board and public lighting power supply kit to be housed together with the power supply unit inside the box/casing (not included) on the base connected to the support post of the signalling system; | **Tab.SicurLed65x85** |
| 12 | Supply of **Pedestrian sensor kit** with the following characteristics: dual sensor (infrared and microwave) with a range of 12m and an angle of 3°, which is activated when a pedestrian is at the edge of the crossing, complete with bracket/collar for Ø60 post anchoring. | **Sens.pedonale** |
| 13 | Supply of IP66 **SicurLux 55 LED lighting appliance** in die-cast powder-coated aluminium, with 230VAC, 55W dual asymmetric LED projector to illuminate pedestrians with a positive contrast and high vertical illumination, in compliance with standard EN 13201. Complete with 60cm diameter post attachment. | **ProAsim55w** |
| 14 | Supply of IP66 **SicurLux 85 LED lighting appliance** in die-cast powder-coated aluminium, with 230VAC, 85W asymmetric LED projector to illuminate pedestrians with a positive contrast and high vertical illumination, in compliance with standard EN 13201. Complete with bracket post attachment. | **ProAsim85W** |
| 15 | Supply of IP66 **SicurLux 85 LED lighting appliance VariaLux version** in die-cast powder-coated aluminium, with 230VAC, 85W asymmetric LED projector to illuminate pedestrians with a positive contrast and high vertical illumination, in compliance with standard EN 13201. 60% to 100% dimming system. Complete with bracket post attachment. | **ProAsim85WVAR** |
| 16 | Supply of IP66 **SicurLux 105 LED lighting appliance** in die-cast powder-coated aluminium, with 230VAC, 105W dual asymmetric LED projector to illuminate pedestrians with a positive contrast and high vertical illumination, in compliance with standard EN 13201. Complete with 60cm diameter post attachment. | **ProAsim105W** |
| 17 | Supply of signalling **System support post** in hot galvanized, anthracite coated iron, diameter 102mm, width 3.0mm, total height 6.8m. Complete with SicurLux support kit and bolts. | **Pal102H6.8ml** |
| 18 | Supply of **SicurLed single position power supply and control panel equipped with radio transmission system** connected to the public lighting system. Composed of a 230VAC/12VDC 2.5A power supply unit, 230VAC/12VDC 1.8A battery charger, 5A blocking diode, flashing board, time ON 0.3/0.5 secs, timer 2-32 secs, 12VDC 18A/h battery, suitable protection and everything else necessary for a professional operation. All mounted and cabled in a VTR floor box, size 32x52x27cm. | **Upon request** |
| 19 | Supply of **Single position power supply and control panel connected to the public lighting system**. Composed of a 230VAC/12VDC 2.5A power supply unit, 230VAC/12VDC 1.8A battery charger, 5A blocking diode, flashing board, time ON 0.3/0.5 secs, timer 2-32 secs, 12VDC 18A/h battery, suitable protection and everything else necessary for a professional operation. All mounted and cabled in a VTR floor box, size 32x52x27cm. | **Upon request** |
| 20 | Supply of **SicurLed 65-20 Flashing System** formed of aluminium casing, size 650xH200xD120 mm, with 4 100mm diameter LED projectors (2 on each side) complying with standard UNI EN 12352/cl.L2H, inserted on the front plate in grey film-coated methacrylate, active 24 hrs a day by means of a flashing board, long-range radio transmission and public lighting power supply kit with 12V 9Ah buffer battery, housed inside the casing. Complete with 60/90mm diameter post banner attachment. | **Upon request** |
| 21 | Supply of **SicurLed 60 backlit system** for pedestrian crossings, formed of casing, size 650xH650mm, width 30mm, with crossing pedestrian figure in Diamond Grade and Translucent highly reflective film, backlit with LED and laser perforated white polycarbonate plate to guarantee uniform luminosity. With a 230VAC-12VDC 5A class II power supply unit which runs when public lighting is activated, and 60mm diameter post attachment. | **Tab-SicurLed65x65** |

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| No. | Product description | MEPA Code |
|---|---|---|
| | **Backlit Pedestrian Signals** | |
| 22 | Supply of **Classic 100x100x17cm Pedestrian Light Signal** in anodised aluminium with fig.303 C.d.S. screen-printed with Translucent film, composed of: 4 linear fluorescent tubes of 30W each for double-sided backlighting, complete with electronic reactors; 150W SAP lamp and related cabling for lighting the pedestrian crossing. Brackets for post/portal anchoring. | **Seg.Lum.Classic100** |
| 23 | Supply of **SicurLed 90 Pedestrian Light Signal,** size 100x100x17cm. Double-sided, backlit with high efficiency 12VDC LED to guarantee strong and uniform lighting, in compliance with UNI EN 12899, with a total consumption of only 14.4W. Includes class II 240VV/12VDC power supply unit. With double upper bracket for suspended attachment and inner frame in hot galvanized iron tubing, translucent film-coated opal methacrylate plates. | **SicurLed90** |
| 24 | Supply of **LARGE LED Light Bar** with symmetrical optic for pedestrian crossings, in aluminium with adjustable brackets. Power: 230V or 12VDC, consumption: 55W. Size 80x91x1000 mm. | **Bar.Lum.Large 55w** |
| | | |
| | **LED Road Lighting Solutions** | |
| | | |
| 25 | Supply of **Street-50 LED Street Light** for public lighting, with aluminium body, power 50W 5250 lumen. Standard attachments | **Upon request** |
| 26 | Supply of **Street-100 LED Street Light** for public lighting, with aluminium body, power 100W 10500 lumen. Standard attachments | **Upon request** |
| 27 | Supply of **Street-150 LED Street Light** for public lighting, with aluminium body, power 150W 15750 lumen. Standard attachments | **Upon request** |
| 28 | Supply of **Adjustable joint attachment** for Street lights | **Upon request** |
| 29 | Supply of **Solar-Street-24 LED Street Light with FTV power supply** complete with: 24W LED street light; crystalline silicon solar module; charge controller; AGM or GEL batteries; hot galvanized steel post head support; tapered support post, height 7m above ground. | **Solar.Street.24** |
| 30 | Supply of **Solar-Street-30 LED Street Light with FTV power supply** complete with: 30W LED street light; crystalline silicon solar module; charge controller; AGM or GEL batteries; hot galvanized steel post head support; tapered support post, height 7m above ground. | **Solar.street.30** |
| 31 | Supply of **SMALL LED Light Bar,** size 80x91x300mm, suitable for lighting areas not supplied with an electric current. Includes 10W 12VDC solar kit for about 7 days' use and Ø60mm post fixing bracket. | **Bar.Lum.Small.10w** |
| | | |

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| No. | Product description | MEPA Code |
|---|---|---|
| | **Flashing Light Systems** | |
| 32 | Supply of **SolarFlash-150 Single Flashing Light System.** The system is composed of a 150mm diameter LED projector, complying with standard UNI EN 12352 cl.L2H, in black aluminium casing, size 200x200mm, and grey film-coated methacrylate front plate. Complete with 60mm post attachments; does not require laying any cables on the road surface and can be easily installed on existing signals. | NOVITA' |
| 32a | With FTV kit power supply system complete with 5W solar panel and 60mm diameter post support, charge controller with Eco programming and 12V 9Ah battery. | **Led150FTV** |
| 32b | With **Public Lighting** power supply system complete with 12V 9Ah battery and battery charger. | **Led150PI** |
| 33 | Supply of **SolarFlash-200 Single Flashing Light System.** The system is composed of a 200mm diameter LED projector, complying with standard UNI EN 12352 cl.L8H, in black aluminium casing, size 200x200mm, and grey film-coated methacrylate front plate. Complete with 60mm post attachments; does not require laying any cables on the road surface and can be easily installed on existing signals. | |
| 33a | With **FTV kit** power supply system complete with 10W solar panel and 60mm diameter post support, charge controller with Eco programming and 12V 9Ah battery. | **Led200FTV** |
| 33b | With **Public Lighting** power supply system complete with 12V 9Ah battery and battery charger. | **Led200PI** |
| 34 | Supply of **SolarFlash-300 Single Flashing Light System.** The system is composed of a 300mm diameter LED projector, complying with standard UNI EN 12352 cl.L9M. Complete with 60mm post attachments; does not require laying any cables on the road surface and can be easily installed on existing signals. | |
| 34a | With **FTV kit** power supply system complete with 20W solar panel and 60mm diameter post support, charge controller with Eco programming and 12V 12Ah battery. | **Led200FTV-Sing** |
| 34b | With **Public Lighting** power supply system complete with 12V 9Ah battery and battery charger. | **Led300FTV** |
| 35 | Supply of **SolarFlash-150 Dual Flashing Light System** composed of a dual 150mm diameter LED projector, complying with standard UNI EN 12352 cl. L2H, in aluminium casing, size 600xH200mm, and grey film-coated methacrylate front plate. Complete with 60mm post attachments; does not require laying any cables on the road surface and can be easily installed on existing signals. | NOVITA' |
| 35a | With **FTV kit** power supply system complete with 10W solar panel and 60mm diameter post support, charge controller with Eco programming and dual 12V 9Ah battery. | **Led2x150FTV** |
| 35b | With **Public Lighting** power supply system complete with 12V 9Ah battery and battery charger. | **Led2x150PI** |
| 36 | Supply of **SolarFlash-200 Dual Flashing Light System** composed of a dual 200mm diameter LED projector, complying with standard UNI EN 12352 cl. L8H, in aluminium casing, size 600xH200mm, and grey film-coated methacrylate front plate. Complete with 60mm post attachments; does not require laying any cables on the road surface and can be easily installed on existing signals. | |
| 36a | With **FTV kit** power supply system complete with 20W solar panel and 60mm diameter post support, charge controller with Eco programming and dual 12V 9Ah battery. | **Led2x200FTV** |
| 36b | With **Public Lighting** power supply system complete with 12V 9Ah battery and battery charger. | **Led2x200PI** |

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| No. | Product description | MEPA Code |
|---|---|---|
| 37 | Supply of **Radar Speed Sign System** composed of aluminium casing, size 600xH200cm, with 2 rear calliper attachments for post attachment, with dual 150mm diameter LED flashing light, complying with standard EN 12352 cl. L2H, inserted on grey film-coated methacrylate front plate, microwave radar (k-Band 24Ghz), calibrated to a distance of 50 to 150m, to record the speed of approaching vehicles. With relays to activate the flashing lights at the speed limit threshold; radar/projector system electric cabling; power supply connectors; attachments to anchor the 60/90mm diameter casing. | |
| 37a | With **FTV kit** power supply system complete with 20W solar panel and 60mm diameter post support, charge controller with Eco programming and dual 12V 9Ah battery. | **Led2x150FTV.Radar** |
| 37b | With **Public Lighting** power supply system complete with 12V 9Ah battery and battery charger. | **Led2x150Pl.Radar** |
| 38 | Supply of **Radar Speed Sign System** composed of aluminium casing, size 600xH200cm, with 2 rear calliper attachments for post attachment, with dual 200mm diameter LED flashing light, complying with standard EN 12352 cl. L8H, inserted on grey film-coated methacrylate front plate, microwave radar (k-Band 24Ghz), calibrated to a distance of 50 to 150m, to record the speed of approaching vehicles. With relays to activate the flashing lights at the speed limit threshold; radar/projector system electric cabling; power supply connectors; attachments to anchor the 60/90mm diameter casing. | |
| 38a | With **FTV kit** power supply system complete with 20W solar panel and 60mm diameter post support, charge controller with Eco programming and dual 12V 9Ah battery. | **Led2x200FTV.Radar** |
| 38b | With **Public Lighting** power supply system complete with 12V 9Ah battery and battery charger. | **Led2x200Pl.Radar** |
| 39 | Supply of **Safety Flash** composed of aluminium casing, size 600xH200cm, with 2 rear calliper attachments for post attachment, with dual 150mm diameter LED flashing light, complying with standard EN 12352 cl. L2H, inserted on grey film-coated methacrylate front plate, dual technology pedestrian sensor, radio signal transmission system; radar/projector system electric cabling; power supply connectors; attachments to anchor the 60/90mm diameter casing. | |
| 39a | With **FTV kit** power supply system complete with 20W solar panel and 60mm diameter post support, charge controller with Eco programming and dual 12V 9Ah battery. | **Led2x150FTV.Radio** |
| 39b | With **Public Lighting** power supply system complete with 12V 9Ah battery and battery charger. | **Led2x150Pl.Radio** |
| 40 | Supply of **Safety Flash** composed of aluminium casing, size 600xH200cm, with 2 rear calliper attachments for post attachment, with dual 200mm diameter LED flashing light, complying with standard EN 12352 cl. L8H, inserted on grey film-coated methacrylate front plate, dual technology pedestrian sensor, radio signal transmission system; radar/projector system electric cabling; power supply connectors; attachments to anchor the 60/90mm diameter casing. | |
| 40a | With **FTV kit** power supply system complete with 20W solar panel and 60mm diameter post support, charge controller with Eco programming and dual 12V 9Ah battery. | **Led2x200FTV.Radio** |
| 40b | With **Public Lighting** power supply system complete with 12V 9Ah battery and battery charger. | **Led2x200Pl.Radio** |

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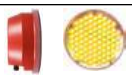
| No. | Product description | MEPA Code |
|---|---|---|
| | **Sequential series:** | |
| 41 | Supply of **200 diameter LED Projector approved by UNI EN 12352 cl.L8H,** 1900 candles, polycarbonate, size 200mm, low voltage 12VDC, complete with anti-theft brackets for 60/48mm post. Adjustable |  **Seq.200Led** |
| 42 | Supply of preformed 13m **connector cable,** 4x1.5mm$^2$ section, complete with watertight connectors and anti-tear hook. | **Upon request** |
| 43 | Supply of preformed 25m **connector cable,** 4x1.5mm$^2$ section, complete with watertight connectors and anti-tear hook. | **Upon request** |
| 44 | Supply of **10W Radio solar LED projector kit** | |
| 44a | with **200 diameter LED Projector** complying with UNI EN 12352 cl.L8H**,** 12VDC, complete with anti-theft brackets for 60/48mm post. | **Seq.radio.200.5W** |
| 44b | with **300 diameter LED Projector** complying with UNI EN 12352 cl.L9M, 12VDC, complete with anti-theft brackets for 60/48mm post. | **Seq.radio.300.10W** |
| | **Light signals** | |
| 45 | Supply of **h.100 DG flexible LED light column** in yellow polyethylene with high efficiency Diamond Grade translucent reflective film-coated 40cm disk (fig. 82/b), complete with anchor plate and LED light column. Approved by the Ministry of Transport no.47844 of 21/05/2007 | **Col.Lum.Plast.** |
| 46 | Supply of **Ø40 backlit signal** with rear aluminium section with two calliper attachments for mounting to the support post, includes 12VDC power supply connector. The front section has a transparent polycarbonate plate fully coated in retroreflective, translucent self-adhesive film, for internally lit signals, complies with Art.79 of Presidential Decree 16/12/92 no. 495. The system has two lighting systems: active (obtained with retroreflective, translucent film) and passive (with low consumption, high uniformity and luminosity LED technology). Can be powered with a solar kit. | **Disc.Lum.40.Led** |
| 47 | Supply of **Ø60 backlit signal** with rear aluminium section with two calliper attachments for mounting to the support post, includes 12VDC power supply connector. The front section has a transparent polycarbonate plate fully coated in retroreflective, translucent self-adhesive film, for internally lit signals, complies with Art.79 of Presidential Decree 16/12/92 no. 495. The system has two lighting systems: active (obtained with retroreflective, translucent film) and passive (with low consumption, high uniformity and luminosity LED technology). Can be powered with a solar kit. | **Disc.Lum.60.Led** |
| 48 | Supply of **Backlit special traffic bollard,** size h 500 x w 240 x d 120 mm, slightly larger than highway code approved bollards with the same range. Rear aluminium section with two calliper attachments for mounting to the support post. The power supply cable socket is located in the lower section. The front section has a transparent polycarbonate LEXAN plate fully coated in retroreflective, translucent self-adhesive film, for internally lit signals, complies with Art.79 of Presidential Decree 16/12/92 no. 495. The system has two lighting systems: active (obtained with retroreflective, translucent film) and passive (with low consumption, high uniformity and luminosity LED technology). Can be attached directly to the 220V public lighting system. Upon request, can also be powered by a 12VDC solar kit. | **Del.Lum.Ostac.Led** |

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| No. | Product description | MEPA Code |
|---|---|---|
| | **Radar Speed Sign** | |
| 49 | Supply of **4 LED projector Radar Speed Sign System** composed of a 90xH135cm board in aluminium 25/10, with 2 calliper attachments, cl.2 film-coated with a choice of message (for example, speed limit or caution of danger); with dual 100mm diameter LED flashing light, complying with standard EN 12352 cl. L2H; microwave radar (k-Band 24Ghz) with long-range calibration (100-150m) to record the speed of approaching vehicles, with dual relay wintraffic software to calibrate the activation thresholds of the flashing lights and ON and OFF times. Can be integrated with eeprom to download traffic data via a serial port and/or GSM; electric cabling of the radar/projector system; attachments for anchoring the board and the radar to a post. | **Diss.90x135.4Led** |
| 50 | Supply of **2 LED projector "SLOW DOWN" Radar Speed Sign System** composed of a 90xH135cm board in aluminium 25/10, with 2 calliper attachments, cl.2 film-coated with a choice of message (for example, speed limit or caution danger); with dual 200mm diameter LED flashing light, complying with standard EN 12352 cl. L8H; 780xH180mm display. 100mm LED 8 character alphanumeric "SLOW DOWN" fixed sign set within the required speed threshold; with fully resinated IP67 plastic frame, complete with stainless steel surround and LEXAN anti-vandal protection; light sensor can control the light intensity of the LED. Microwave radar (k-Band 24Ghz) with long-range calibration (100-150m) to record the speed of approaching vehicles, with wintraffic software to calibrate the activation thresholds of the flashing lights, the "SLOW DOWN" sign and ON and OFF times. Can be integrated with eeprom to download traffic data via a serial port and/or GSM. | **Dis.90x135.2Led.Rall** |
| 51 | Supply of **Boxed Radar Speed Sign,** the ideal active system to reduce speed, composed of: Casing, external size 1000Xh1200X100mm, built in extruded primary aluminium alloy 6060 according to standard UNI 9006/1, with size and width tollerances complying with standard UNI 3879. The dual-hinged front door is air and water-tight with EPDN double seal; black film-coated colourless solid polycarbonate front panel; 12VDC power supply; dual 200mm diameter LED flashing light; 100mm LED 10 character alphanumeric "CAUTION/SLOW DOWN" fixed sign set within the required speed threshold; with fully resinated IP67 plastic frame, complete with stainless steel surround and LEXAN anti-vandal protection; light sensor can control the light intensity of the LED. Microwave radar (k-Band 24Ghz) with long-range calibration (100-150m) to record the speed of approaching vehicles, with wintraffic software to calibrate the activation thresholds of the flashing lights, the display and ON and OFF times. Can be integrated with eeprom to download traffic data via a serial port and/or GSM. | **Dis.100x120.2Led.At** |

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| No. | Product description | MEPA Code |
|---|---|---|
| | **SPEED SIGN** | |
| 52 | Supply of **Electronic Speed Sign,** the ideal active system to reduce speed, composed of: Casing, external size 1000Xh1500X100mm, built in extruded primary aluminium alloy 6060 according to standard UNI 9006/1, with size and width tollerances complying with standard UNI 3879. The dual-hinged front door is air and water-tight with EPDN double seal; black film-coated colourless solid polycarbonate front panel; 12VDC power supply; LED 3-digit display with 28cm high characters formed of 175 LED amber, high visibility digits to display speed from 0 to 199 km/h from over 150m. External luminosity recorder to control LED luminosity on 10 levels, depending on environmental conditions; Microwave radar (k-Band 24Ghz) with long-range calibration (100-150m) installed on the display with adjusting device; operating temperature between -20 and +70°C. With FirmWare TE-WF-R microprocessor to control up to three digit speed displays, two flashing light outputs, up to two digital outputs to select monitor messages (like "SLOW DOWN"), "Wintraffic Radar" software to configure display thresholds, flashing lights and control any external outputs. | **Dis.100x150.2led.vel** |
| 53 | Supply of **Electronic Speed Sign,** the ideal active system to reduce speed, composed of: black sheet metal 546xH357xP68mm casing. Black film-coated colourless solid polycarbonate front panel; 12VDC power supply (standard); LED 2.5 digit display with 28cm high characters formed of 175 LED amber, high visibility digits to display speed from 0 to 199 km/h from over 150m. External luminosity recorder to control LED luminosity on 10 levels, depending on environmental conditions; Microwave radar (k-Band 24Ghz) with long-range calibration (100-150m) installed on the display with adjusting device; operating temperature between -20 and +70°C. With FirmWare TE-WF-R microprocessor to control up to three digit speed displays, two flashing light outputs, up to two digital outputs to select monitor messages (like "SLOW DOWN"), "Wintraffic Radar" software to configure display thresholds, flashing lights and control any external outputs. | **Diss.velox** |
| | *Optional orders:* | |
| 54 | Supply of **Dual LED Flashing Light** with 100mm diameter, activated within the required speed thresholds with "Wintraffoc Radar" software. | **Upon request** |
| 55 | Supply of **8 character Display Kit,** height 101mm. With amber LED messages "SLOW DOWN / -5 POINTS / -10 POINTS" controlled with Wintraffic software within the thresholds required by the client. | **Upon request** |
| 56 | Supply of **"SLOW DOWN" Display Kit** with 8 characters 150mm high, amber LED, 7x5 matrix, controlled with CPU board inside the casing within the thresholds required by the client (not included). | **Upon request** |
| 57 | Supply of **Logger Board** to gather traffic data, complete with USB memory stick. | **Upon request** |
| | | |
| | **Light Signal Systems** | |
| 58 | Supply of **"ICE" Signal System with GSM** composed of a 90xH135cm board in aluminium 25/10, with 2 calliper attachments, cl.2 film-coated with a choice of message (for example, ice on road or danger ice); with dual 200mm diameter LED flashing light; Temperature Sensor with ice alarm; dual band GSM remote control; flashing light board with battery control and software to calibrate flashing light activation thresholds and send SMSs via modem (SIM card not included). | **Temp.2Led.90x135** |
| 59 | Supply of **"ICE" Signal System wit h Display and GSM** composed of a 100xH150cm board in aluminium 25/10, with 2 calliper attachments, cl.2 film-coated with a choice of message (for example, ice on road or danger ice); with dual 200mm diameter LED flashing light; GSM thermometer with probe and relay; H150mm LED alphanumeric thermometer display; software to calibrate flashing light activation thresholds and send SMSs via modem (SIM card not included). | **Temp.2Led.100x150** |
| | | |

# 2016 CATALOGUE

| No. | Product description | MEPA Code |
|---|---|---|
| | **Underpass/ford systems** | |
| 60 | Supply of **"Underpass/ford" system** with mechanically protected electronic solid state sensor on the edge of the crossing to correctly measure the water level in case of flooding. Data transmission system via GSM modem (SIM card not included) towards fixed traffic light systems and communication of status/alarms via SMS (System activation-low battery alarm-door open alarm). Entire system powered by 60W solar kit complete with solid door box, charge controller and 2 AGM 18Ah 12VDC batteries, to guarantee up to 8 days' power in the absence of solar charge. Galvanized steel w3.2mm h5.5m support post. | **Kit.allar.allag** |
| 61 | Supply of **"Solar Kit" Signal System** with 25/10 aluminium cl.2 100x150mm board and 1 12VDC LED technology 200mm diameter red light traffic light. Data transmission system via GSM modem (SIM card not included) towards "ford" system, traffic light activation and communication of status/alarms via SMS (System activation-low battery alarm-door open alarm). Entire system powered by 90W solar kit complete with solid door box, charge controller and 1 AGM 100Ah 12VDC battery, to guarantee up to 8 days' power in the absence of solar charge. Galvanized steel w3.2mm h5.5m support post. | **Kit.allar.Sem.FTV** |
| 62 | Supply of **"Public Lighting Kit" Signal System** with 25/10 aluminium cl.2 100x150mm board and 1 12VDC LED technology 200mm diameter red light traffic light. Data transmission system via GSM modem (SIM card not included) towards "ford" system, traffic light activation and communication of status/alarms via SMS (System activation-low battery alarm-door open alarm). Entire system powered by VTR box complete with battery charger and 1 AGM 70Ah 12VDC battery, to guarantee up to 8 days' power in the absence of P.L. grid power. Galvanized steel w3.2mm h4.0m support post. | **Kit.allar.Sem.PI** |
| 63 | Supply of **3m Automatic Barrier,** emergency/key opening, powered by FTV24V panel. Data transmission system via radio towards "ford" system powered by 20W FTV kit composed of 1 AGM 18Ah 12VDC battery complete with solid door box. Galvanized steel w3.2mm h5.5m support post. | **Kit.allar.Barr.FTV** |
| | | |

# 2016 CATALOGUE

| No. | Product description | MEPA Code |
|---|---|---|
| | **Power supply systems** | |
| 64 | Supply of **20W Solar Power Supply Kit** composed of 20W solar panel with support bracket for 60/90mm post, complete with bolts, fibreglass box with wired bottom plate with terminal board and protection, charge controller, connection cables, acid and maintenance-free 18Ah rechargable gel buffer battery. | **Kit20WFTV** |
| 65 | Supply of **50W Solar Power Supply Kit** composed of 50W solar panel with support bracket for 60/90mm post, complete with bolts, fibreglass box with wired bottom plate with terminal board and protection, charge controller, connection cables, acid and maintenance-free 45Ah rechargable gel buffer battery. | **Kit50WFTV** |
| 66 | Supply of **80W Solar Power Supply Kit** composed of 80W solar panel with support bracket for 60/90mm post, complete with bolts, fibreglass box with wired bottom plate with terminal board and protection, charge controller, connection cables, acid and maintenance-free 90Ah rechargable gel buffer battery. | **Kit80WFTV** |
| 67 | Supply of **P.L. Power Supply Kit** composed of 230VAC/12VDC 2.5A power supply unit, 5A blocking diode and 12VDC 18A/h battery, all mounted and cabled in a PVC box. | **kit.PI.18A** |
| 68 | Supply of **P.L. Power Supply Kit** composed of 230VAC/12VDC 2.5A power supply unit, 5A blocking diode and 12VDC 45A/h battery, all mounted and cabled in a PVC box. | **Kit.PI.45A** |
| 69 | Supply of **5W Solar Panel** with support bracket for 60mm post, complete with watertight cable and connector. | **Upon request** |
| 70 | Supply of **10W Solar Panel** with support bracket for 60mm post, complete with watertight cable and connector. | **Upon request** |
| 71 | Supply of **20W Solar Panel** with support bracket for 60mm post, complete with watertight cable and connector. | **Upon request** |
| 72 | Supply of **50W Solar Panel** with support bracket for 60/90mm post, complete with watertight cable and connector. | **Upon request** |
| 73 | Supply of **80W Solar Panel** with support bracket for 60/90mm post, complete with watertight cable and connector. | **Upon request** |
| 74 | Supply of **6VDC 7Ah battery** for worksite lamps | **Upon request** |
| 75 | Supply of **12VDC 7.2Ah battery,** cyclical | **Upon request** |
| 76 | Supply of **12VDC 9Ah battery,** cyclical | **Upon request** |
| 77 | Supply of **12VDC 18Ah battery,** cyclical | **Upon request** |
| 78 | Supply of **12VDC 45Ah battery,** cyclical | **Upon request** |
| 79 | Supply of **12VDC 80Ah battery,** cyclical | **Upon request** |
| 80 | Supply of **12VDC 100Ah battery,** cyclical | **Upon request** |

# 2016 CATALOGUE

| No. | Product description | MEPA Code |
|---|---|---|
| | **Solar 24 road markers** | |
| 81 | Flashing yellow | **Solartop24GR** |
| 82 | Flashing red | **Solartop24GR** |
| 83 | Flashing white | **Solartop24B** |
| 84 | Flashing white/red | **Solartop24BR** |
| 85 | Fixed light yellow | **Solartop24GRF** |
| 86 | Fixed light red | **Solartop24GRF** |
| 87 | Fixed light white | **Solartop24BF** |
| 88 | Fixed light white/red | **Solartop24BRF** |
| | **CAR LED road markers** | |
| 89 | White fixed single-sided with external power supply | **Upon request** |
| 90 | White fixed double-sided with external power supply | **Upon request** |
| 91 | IP67 power supply kit for 10 CAR LED | **Upon request** |
| | **SOLAR CAR LED road markers** | |
| 92 | Flashing white single-sided | **Upon request** |
| 93 | Fixed light white single-sided | **Upon request** |
| 94 | Flashing white double-sided | **Upon request** |
| 95 | Fixed light white double-sided | **Upon request** |
| | **Solar 80 road markers** | |
| 96 | Fixed light white | **Solar80** |
| | **GLASS road markers** | |
| 97 | Glass white - approved by Min.Inf. prot. 91110 - 21/10/2009 | **Glass.B** |
| 98 | Miniglass white - complies with UNI EN1463-2 | **Min.Glass.B** |
| 99 | Micro Glass white - complies with UNI EN1463-2 | **Micr.Glass.B** |
| | **BORDER 25 road markers** | |
| 100 | Border 25 available in single-sided red, white, yellow and blue | **Upon request** |
| 101 | Border 25 available in double-sided red, white, yellow and blue | **Upon request** |
| 102 | SWD10/48 5A power supply unit to power 80 devices | **Upon request** |
| 103 | SWD10/48 10A power supply unit to power 160 devices | **Upon request** |
| 104 | 12….48VDC flashing control module | **Upon request** |
| | **ISLAND road markers** | |
| 105 | Island 1503-B 2x3W 120° flashing yellow 12 V | **Upon request** |
| 106 | Island 1503-B 2x3W 120° flashing yellow 230 V | **Upon request** |
| 107 | Island 1503-B 2x3W 120° flashing yellow 12 V external control | **Upon request** |
| 108 | Island 1503-B 2x3W 120° flashing yellow 24 V external control | **Upon request** |
| 109 | 12….48VDC flashing control module | **Upon request** |

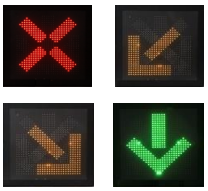
# 2016 CATALOGUE

| No. | Product description | MEPA Code |
|---|---|---|
| | **GR LED road markers** | |
| 110 | 14÷48 VDC GR LED fixed light yellow | **Upon request** |
| | | **Upon request** |
| | **Animal deterrent devices** | |
| 111 | Anti-wildlife retroreflector | **Dis.Animal.rif** |
| 112 | Anti-wildlife warning light and acoustic alarm | **Dis.Animal.Guard** |
| | **LED worksite lamps** | |
| 113 | Double-sided yellow lamp | **Lamp.Cant.GR** |
| 114 | Single-sided yellow lamp | **Upon request** |
| 115 | Double-sided red lamp with Ø 48/60 bracket | **Upon request** |
| 116 | Single-sided red lamp with Ø 48/60 bracket | **Upon request** |
| | **Solar LED worksite lamps** | |
| 117 | Double-sided yellow solar lamp | **Lamp.Cant.G.FTV** |
| 118 | Single-sided yellow solar lamp | **Upon request** |
| 119 | Double-sided red solar lamp | **Lamp.Cant.R.FTV** |
| 120 | Single-sided red solar lamp | **Upon request** |
| | **LED directional arrows** | |
| 121 | 13 LED L2H Ø 100 Projector system on 60x60 12VDC board | **Upon request** |
| 122 | 8 LED L2H Ø 100 Projector system on 60x60 12VDC board | **Upon request** |
| 123 | 13 LED L8H Ø 200 Projector system on 90x90 12VDC board | **Upon request** |
| 124 | 8 LED L8H Ø 200 Projector system on 90x90 12VDC board | **Upon request** |
| | **"Motorized" LED directional arrows** | |
| 125 | 13 LED L8H Ø 200 Projector system on 12VDC motorized structure, as shown in fig. 398 | **Upon request** |

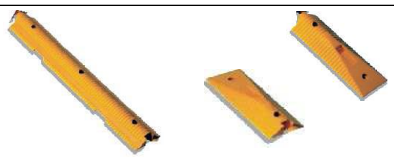
# 2016 CATALOGUE

| No. | Product description | MEPA Code |
|---|---|---|
| 126 | **Worksite traffic lights** | |
| 126a | Pair of LED optical worksite traffic lights with quarz control units. 12VDC power supply | **Sem.Cant.Led** |
| 126b | Pair of incandescent worksite traffic lights with quarz control units. 12VDC power supply | **Sem.Cant.Quarz** |
| | **Traffic light equipment** | |
| 127 | Supply of **Ø 300mm 3 colour traffic light** with LED optics, complete with band-it/area attachments; approved by the Ministry of Transport and Infrastructure | **Lant.3.300.Led** |
| 128 | Supply of **90x135 Contrast plate** in black 25/10 aluminium, complete with adjustable attachments for arm structure | **Targa.90x135** |
| 129 | Supply of **Ø 300mm 3 colour traffic light with red,** with LED optics, complete with band-it/G+P attachments; approved by the Ministry of Transport and Infrastructure | **Lant.3.R300.Led** |
| 130 | Supply of **Ø 200mm 3 colour traffic light,** with LED optics, complete with band-it/G+P attachments; approved by the Ministry of Transport and Infrastructure | **Lant.3.200.Led** |
| 131 | Supply of **Ø 200mm 3 colour cycle-pedestrian traffic light,** with LED optics, complete with band-it/G+P attachments; approved by the Ministry of Transport and Infrastructure | **Lant.Ped.Led** |
| 132 | Supply of **Countdown Display** to count the time of the yellow light or of the 3 colours, with fixed time traffic light with Ø200mm diameter IP65 green polycarbonate light, with high luminous intensity Red-Amber-Green LEDs controlled by a microprocessor connected directly to the light. Guaranteed operating temperature between -40°C and +70°C; 3-12W consumption with 230VAC power supply. Complete with visor, cabling and band-it/G+P atachments. | **Lant.Count.Down** |
| 133 | Supply of **Pedestrian call button** with universal attachments. | **Puls.Ped.** |
| 134 | Supply of **Dual pedestrian call button** for the sight-impaired, complying with new regulations, with Braille display and universal attachments. | **Puls.Ped.D.** |
| 135 | Supply of **Acoustic alarm for the sight-impaired** complying with Italian standard CEI 214-7 and variant CEI 217-7;V1. | **Disp.Non.Vedenti** |
| 136 | Supply of **Traffic light regulator control unit** built in accordance with standard UNI EN 12675 and carrying the CE mark, in a VTR box with Yale21 lock, complete with 12 4-phase light outlets (pedestrian and vehicular) with red light infringement and two green light checks, 5 front settings, 5 radar/spire/buttton activation/signal entry points; colour/flashing switch control; programmed via selectors/digital terminal, safety switch and outlet terminal board. | **Reg.Semaf.4F** |
| | **Traffic data devices** | |
| 137 | Supply of **Traffic data collector** via Radar technology, roadside installation from 1 to 3m. Powered by 18Ah buffer battery (2 weeks' power) and in loco data transmission via Bluetooth. 360,000 vehicle capacity, subdivided into 10 speed classes and 5 vehicle classes. Optional GSM-GPRS-GPS board. | **Cont.Traff.** |
| 138 | Supply of **Traffic data collector** with COUNT-TRAFFIC Radar technology, in fibreglass casing, complete with microwave radar (k-Band 24Ghz), with short-range calibration (20-50m), to record the speed of approaching vehicles, 35Ah 12V dual cyclic battery power supply system for 8-day continuous correct functioning, battery charging connector (not included), USB logger board to download data via a 2GB Pen-drive (included). With universal attachments for Ø60/90 mm post mounting; the system produces a daily excel file containing the speed and time of every vehicle that passes. | NOVITA' **Upon request** |
| 138a | Additional kit to record vehicles passing in **both directions**, complete with software updates. | **Upon request** |
| 138b | Additional **dual USB port** kit to download data via a watertight external port. | **Upon request** |

# 2016 CATALOGUE

| No. | Product description | MEPA Code |
|---|---|---|
| | **Variable Message Information Panels** | |
| 139 | Supply of **CITY INFORMATION** complying with standards CEI 214-2 and EN12966-1 under art. 192 of the Regulation for the Enforcement and Implementation of the New Highway Code, composed of a 96x48 pixel amber yellow graphic matrix to display characters of different sizes depending on the matrix selected, up to a maximum of 5 lines of 16 characters 50mm high, as well as the display of graphic images and bitmap pictograms. 770x384mm (LxH) graphic display area. 1000x1600x160mm (LxHxD) total size including fixed message area.<br>The remote control technology has the following options: LAN Ethernet network, GSM/GPRS, RS232, RS485. | **Upon request** |
| 140 | Supply of **Full matrix full color LED light panel**, to display road signals according to the graphic and colorimetric specifications of the Highway Code. Matrices: 16x8 graphics, 4 LEDs (Red, Green, Yellow, Blue); Matrix size: 300mm x 150mm; Number of Matrices: 8 (32x32 pixel), 16 (48x48 pixel), 32 (64x64 pixel). 16 level automatic luminosity control (via environmental luminosity reading) and/or specific remote control from the Control Centre. Welded steel casing with anti-reflection treatment. Operating temperature: between -40 °C and +85 °C, class T2 of the standard. Protection level: IP55, class P2 of the standard. Power supply: 230VAC (-13% /+10%), 50 Hz. | **Upon request** |
| 141 | Supply of **CROSS-ARROW light panel**, to display road signals according to the graphic and colorimetric specifications of the Highway Code. Matrices: graphics 3 LEDs (Red, Green, Yellow). 16 level automatic luminosity control (via environmental luminosity reading) and/or specific remote control from the Control Centre. Internal microprocessor control unit to control the panel, back-up services and to identify anomalies. Welded steel casing with anti-reflection treatment. Operating temperature: between -40 °C and +85 °C, class T2 of the standard. Protection level: IP55, class P2 of the standard. Matrix size: 300mm x 150mm. Power supply: 230VAC (-13% /+10%), 50 Hz. |  **Upon request** |
| | **Support structures** | |
| 142 | Supply of **Single post Support Structure** in hot galvanized iron, size 100x150xhH4000mm, with brackets and bolts. | **Upon request** |
| 143 | Supply of **Single post Support Structure** in hot galvanized iron, size 100x150xhH4000mm, solar panel support with 90mm h.1000mm diameter post, with brackets and bolts. | **Upon request** |
| 144 | Supply of **Tapered signalling system support post** in hot galvanized, anthracite coated iron, base diameter 102mm and top diameter 60mm, width 3.0mm, total height 5.5m with three standard models. | **Pal.Ratr.H6ml** |
| 145 | Supply of tubular **Support post** in galvanized iron, diam. 90mm, width 3mm, tot. height 4m. | **Upon request** |
| 146 | Supply of tubular **Support post** in galvanized iron, diam. 90mm, width 3mm, tot. height 4.5m. | **Upon request** |
| 147 | Supply of tubular **Support post** in galvanized iron, diam. 90mm, width 2.2mm, tot. height 4m. | **Upon request** |
| 148 | Supply of tubular **Support post** in galvanized iron, diam. 60mm, width 2.2mm, tot. height 4.5m. | **Upon request** |

# 2016 CATALOGUE

| No. | Product description | MEPA Code |
|---|---|---|
| | **Pedestrian islands** | |
| 149 | Supply of **PEDESTRIAN ISLAND,** size 0.8x1.3m, composed of 1 1000 X 500 X h77mm rubber "CUSPIDE" special element, complete with cement blocks (colours: white, red, black), with dowels for normal fixing (about 60kg), 1 pair of 150 X 650 X H72mm reflecting variable angle rubber kerbs, with dowels for normal fixing (about 6kg), 2 H72 X 150 X 500mm 90° rubber kerbs, coated in reflecting polyurethane base, complete with fixing dowels (10kg). | **Iso.ped.80x130** |
| 150 | Supply of **PEDESTRIAN ISLAND,** size 1.3x2.3m, composed of 1 1000 X 500 X h77mm rubber "CUSPIDE" special element, complete with cement blocks (colours: white, red, black), with dowels for normal fixing (about 60kg), 1 pair of 150 X 650 X H72mm reflecting variable angle rubber kerbs, with dowels for normal fixing (about 6kg), 2 H72 X 150 X 500mm 90° rubber kerbs, coated in reflecting polyurethane base, complete with fixing dowels (10kg). | **Iso.ped.130x230** |
| | **Ciclò Kerb** | |
| 151 | Supply of ZAMA Impianti or equivalent **Separator Kerb for Ciclò cycle paths,** complies with Ministerial Decrees 557 and 203; in recycled material, with 24 quartz-coated white CLS cubes, 4 fixing points with 14x120mm dowels and hole plugs, two side channels for the insertion of elastoplastic laminate throughout the full length of the element (to be inserted after laying), the almost vertical edges are difficult to cross; size 1000x500xH130mm. (60Kg) | **Cord.Ciclò** |
| 152 | Supply of ZAMA Impianti or equivalent Separator Kerb **Terminal for Ciclò cycle paths,** complies with Ministerial Decrees 557 and 203; in recycled material; with round head and microprismatic retroreflective insert, 24 quartz-coated white CLS cubes, 4 fixing points with 14x120mm dowels and hole plugs, two side channels for the insertion of elastoplastic laminate throughout the full length of the element (to be inserted after laying), the almost vertical edges are difficult to cross; size 1000x500xH130mm. | **Cord.ciclò.Term** |
| | **H. 10 Lane separator** | |
| 153 | Supply of **H. 10 Lane separator** in yellow, with reflective elastoplastic inserts, approved by Ministerial Approval N° 8009/2000 of 02/02/2001. Size 1000x300xh100mm, weight 15kg/pz. | **Del.cors.H10** |
| 154 | Supply of **Male/Female Terminal** for H. 10 Lane separator in yellow, with reflective elastoplastic inserts, approved by Ministerial Approval N° 8009/2000 of 02/02/2001. Size 630x300xh100, weight 10kg/pz. | **Del.cors.H10.Term** |
| 155 | Supply of rubber **Cylindrical Separator** in yellow, with reflective inserts, approved by Ministerial Approval N° 8009/2000 of 02/02/2001. Size d70xh33, weight 2kg/pz. | **Del.cors.H10.Cil** |
| | **H.5 Lane separator**  | |
| 156 | Supply of **H. 5 Lane separator** in yellow, with reflective elastoplastic inserts, approved by Ministerial Approval N° 8010/2000 of 02/02/2001. Size 1000x160xh50mm, weight 7kg/pz. | **Del.cors.H5** |
| 157 | Supply of **Male/Female Terminal** for H. 5 Lane separator in yellow, with reflective elastoplastic inserts, approved by Ministerial Approval N° 8010/2000 of 02/02/2001. Size 450x160xh50mm, weight 4kg/pz. | **Del.cors.H5.Term** |