



TRAFFIC, SIGNALIZATION AND
ROAD SAFETY PRODUCTS CATALOGUE

2027

www.asyatraffic.com



*"from asya
to all over the world"*



At the Export Summit held in Istanbul in 2016,"Secret Heroes of Exportation" award ceremony held on which is organized by Turkish Exporters Assembly (TIM) and Dunya Newspaper. Asya Traffic Signalling Inc. was granted "Young Exporter Jury's special award".



Asya Traffic Inc. was awarded first place out of 3403 companies in The Successful Entrepreneurs category by 3rd KOSGEB SME and Entrepreneurs Prizes in 2014



HISTORY

- 2025
 - Exports to 85 Countries
 - KIRSIAD Board of Directors Membership
 - Turkey's 167th Fastest Growing Company Between 2021-2023
- 2024
 - Exports to 80 Countries
- 2023
 - Exports to 70 Countries
 - Ankara Chamber of Commerce (ATO) 22nd Committee Membership
 - MUSIAD Ankara Board of Directors Membership
 - AUS Turkey Board of Directors Membership
- 2022
 - Exports to 65 Countries
 - Obtaining TS ISO 23600 Certification for Our Audible Pedestrian Buttons
 - DEİK Digital Technologies Business Council Membership
 - Obtaining ISO/IEC 27001 Information Security Management System Certification
- 2021
 - Exports to 60 Countries
 - Opening of Our Istanbul Branch
 - Obtaining TS EN 12352 Certification for Our Solar Flashers
- 2020
 - DEİK Sierra Leone Vice Presidency
 - Establishment of the ODAK R&D and Technology Center in partnership with Asya Trafik A.Ş.
 - Opening of the Metal Processing, Production, and Comprehensive Traffic Sign Division
- 2019
 - Exports to 55 Countries
 - Membership in DEİK (Foreign Economic Relations Board)
- 2018
 - Exports to 50 Countries
 - Development of the Lighting Equipment Sales International Sales Portal
- 2017
 - Membership and Vice Presidency in USSAD (Transportation Systems Manufacturers Association)
 - Exports to 45 Countries
 - Expansion of Factory Area to 6500 m2
- 2016
 - Membership in the Intelligent Transportation Systems Association (AUSDER-ITS TURKEY)
 - Exports to 81 Provinces in Turkey and 40 Different Countries Worldwide
 - Turkey Exporters Assembly Young Exporter Jury Special Award
- 2015
 - Receiving the KOSGEB Young Entrepreneur of the Year Award (2014)
 - Expanding the Factory and Stock Area to 5500m2
 - Obtaining the TS EN 50556 Certificate for Intersection Control Devices
- 2014
 - Transition from a Limited Company to a Joint Stock Company / 4000 m² New Factory Area
- 2013
 - Opening of Our ODTÜ TEKNOKENT R&D Office
- 2012
 - Acquisition of ISO 9001, ISO 14001, and OHSAS Certificates
 - Establishment of the R&D Department
 - Acquisition of TS EN 12368 Certificates for Traffic Signal Transmitters
 - Membership in the Ostim Renewable Energy and Environmental Technologies Cluster
- 2011
 - Establishment
 - First Export to Iraq

Certificates



Social Media





OUR BRANDS

SINTRA
Signalling Systems

SISTRA
Intelligent Traffic Systems

LEDTRA
LED Traffic Signs

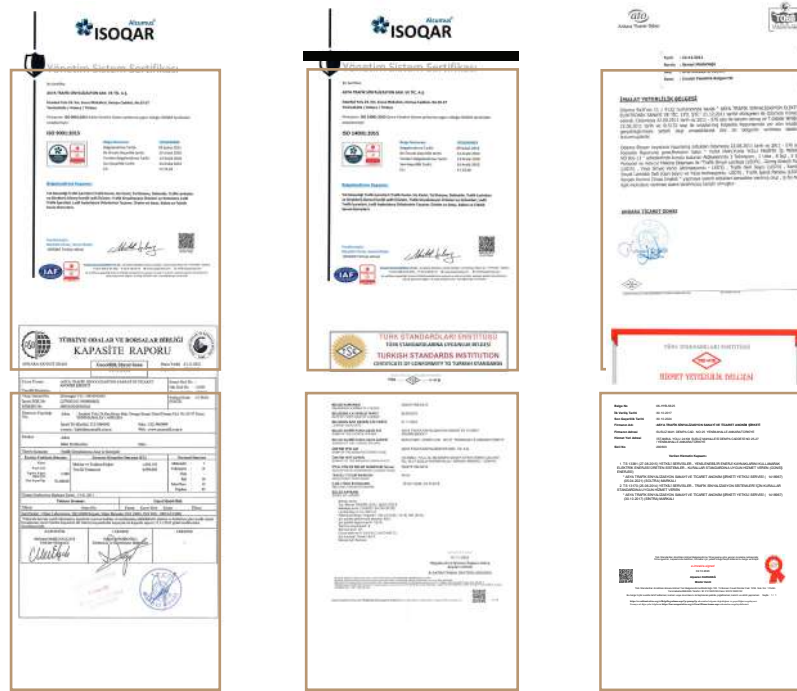
SOLTRA
Solar Traffic Systems

PLASTRA
Plastic, Rubber, Metal Road Safety Products

REFLECTRA
Reflective Traffic Signs

LUXTRA
LED Lighting Systems

CERTIFICATES



PROJECTS

2024

- Turkish Highways 13. Regional Directorate – Signalized Intersection and maintenance of existing signalized intersections for 1 year. (Antalya)
- 70 pcs Intelligent Controller and Dynamic Traffic Management System (Malaysia)
- 40 pcs Intelligent Controller and Dynamic Traffic Management System (Indonesia)

2023

- Ankara Metropolitan Municipality – 80 pcs new signalized intersection project (Ankara / Türkiye)
- Turkish Highways 8. Regional Directorate – New Signalized Intersection project (Elazig-Bingol-Malatya-Adiyaman / Türkiye)
- Canakkale Highway & 1915 Canakkale Bridge Project – Supply of LED Fog Flashers (Canakkale / Türkiye)

2022

- Turkish Highways General Directorate – New Signalized Intersection project (Türkiye)
- Diyarbakir Metropolitan Municipality – Supply of Signaling Equipment (Diyarbakir / Türkiye)

2021

- Sanliurfa Metropolitan Municipality – New signalized intersection project (Sanliurfa / Türkiye)

2020

- Ankara – Nigde Intelligent Highway Project – Traffic Signal Heads with LEDs and Flashers (Nigde)
- Turkish Highways 13. Regional Directorate – Signalized Intersection and maintenance of existing signalized intersections for 1 year. (Antalya)
- Turkish Highways 9. Regional Directorate – Signalized Intersection and maintenance of existing signalized intersections for 2 years.(Diyarbakir)

2019

- Antalya Metropolitan Municipality 3rd Stage Rail System Signalization Project

2018

- Highways Directorate 13. Regional – 30 pcs new signalized intersection and 1 year maintenance of existing intersections (Antalya – TURKEY)
- Ankara Metropolitan Municipality – 70 pcs new signalized intersection and 20 pcs renewing signalized intersection project (Ankara – TURKEY)

2017

- Ankara Metropolitan Municipality – 90 pcs new signalized intersection (Ankara – TURKEY)

2016

- Yavuz Sultan Selim Bridge Project (İstanbul – TURKEY)

2015

- Orhangazi (Samanlı) Tunnel Construction Project (Bursa – TURKEY)
- Ashgabat Olympic Village Highway Signalling Project (Ashgabat – TURKMENISTAN)

2014

- Bolu Mountain Tunnel Maintenance (Bolu – TURKEY)
- Adana Intelligent Intersection Management System Project (Adana – TURKEY)

APPLICATION PHOTOS



PLASTRA
Delineator
CROATIA



SINTRA
TAG Pole
ANTALYA



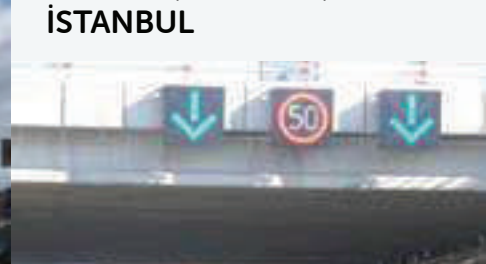
PLASTRA
Rubber Speed Bump
İSTANBUL



LEDTRA
Variable Message Sign (VMS)
DIYARBAKIR



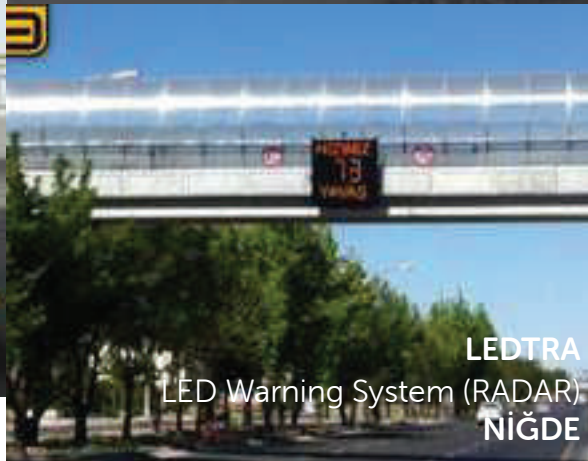
LEDTRA
Variable Message Sign (VMS)
BURSA



LEDTRA
VTS
MALATYA



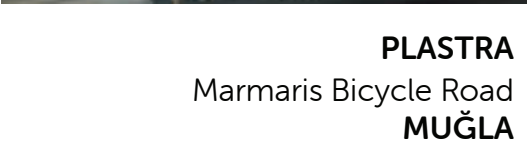
LEDTRA
VTS
KONYA



LEDTRA
LED Warning System (RADAR)
NIĞDE



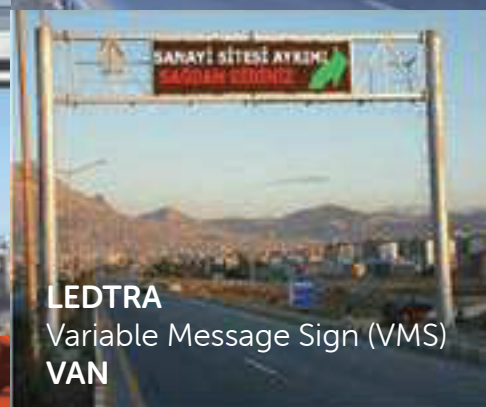
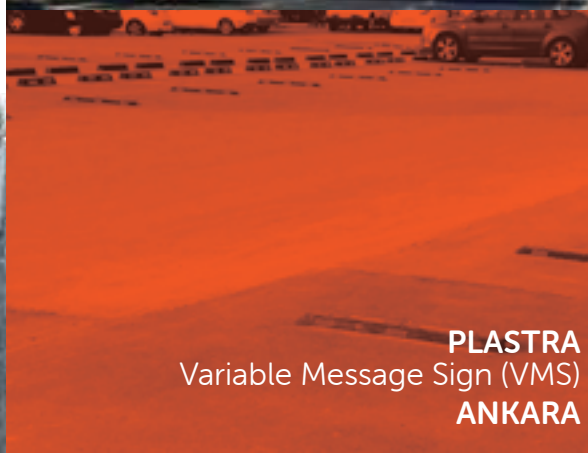
LEDTRA
Variable Message Sign (VMS)
VAN



PLASTRA
Marmaris Bicycle Road
MUĞLA



PLASTRA
Variable Message Sign (VMS)
ANKARA



PLASTRA
TPU Delineator
ESTONYA





REFLECTRA
Car Park Project
ISTANBUL



REFLECTRA
Car Park Project
ISTANBUL



REFLECTRA
Car Park Project
ISTANBUL



SINTRA
Intersection Signalisation
ANKARA



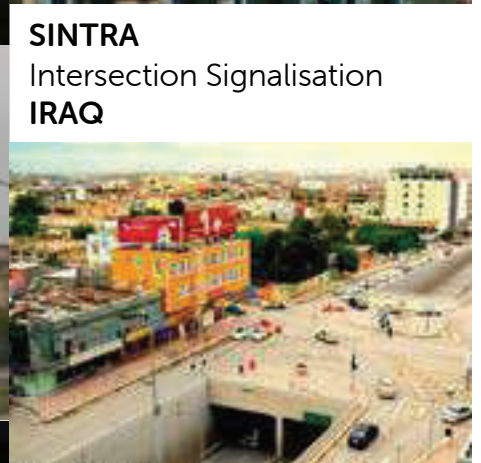
SINTRA
HGS Electronic Toll
Collection Project
ISTANBUL



SINTRA
Traffic Training Park
KEPEZ



SINTRA
Intersection Signalisation
ANTALYA



SINTRA
Intersection Signalisation
IRAQ



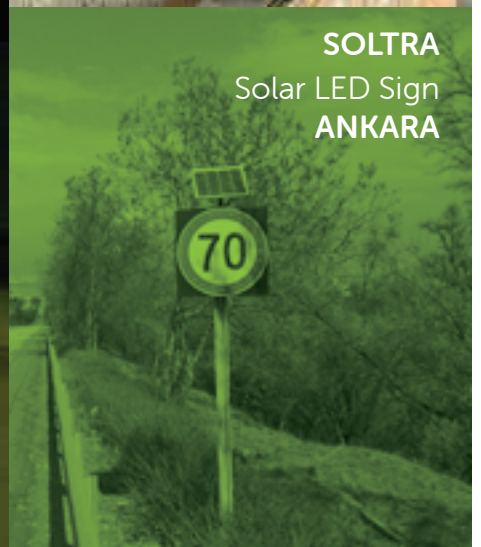
PLASTRA
TPU
DUBAI



SOLTRA
Solar LED Triangle Flasher
IRAQ



SOLTRA
Solar Flasher
ARTVIN



SOLTRA
Solar LED Sign
ANKARA

SIGNALLING SYSTEMS

Sintra products are manufactured according to the traffic and road safety standards.

Sintra products are used in 81 cities in Turkey and used in more than 80 countries around the world.

Power LED Signal Heads: TS EN 12368 certificated Power LED modules with IP 65 protection level. All housing materials are made of %100 UV PC.

Controllers: TS EN 50556 certificated, modular structure, green wave system adaptable, central software supported, programmable via computer, microprocessor based CPU.

Audible Pedestrian Signal: Audible signal for blinds, RILSA standards, warning signal voice level is arranged automatically according to the environment.

Infrastructure Equipments: Galvanized Signalling Poles with Highways and Municipality standards, corrosion resistant.





SINTRA POWER LED SIGNAL HEADS

Diameter	200 mm / 300 mm
Housing / Mask Material Type	Polycarbonate (%100 PC)
Housing Color	Black / Grey-Black
LED	Power LED / Red, Yellow, Green
Light Distribution	Fresnel Lens
Power Factor	PF>0.9, THD<%20
Phantom Class	5
Power Consumption	8 Watt / Module
Certificate	TS EN 12368:2015

Product Types and Codes

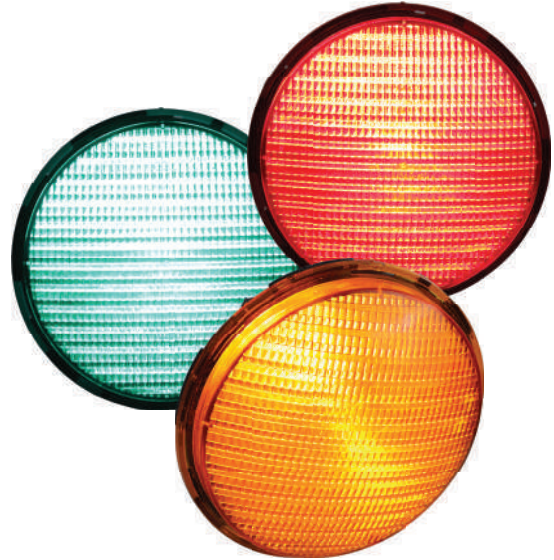
SN-04-02-200	200 mm Vehicle Signal with Sintra Power LEDs (Black / Sintra Housing)
SN-01-02-200	200 mm Vehicle Signal with Sintra Power LEDs (Black / Standard Housing)
SN-04-02-300	300 mm Vehicle Signal with Sintra Power LEDs (Black / Sintra Housing)
SN-01-02-300	300 mm Vehicle Signal with Sintra Power LEDs (Black / Standard Housing)
SN-04-02-275	200 mm Single Signal with Sintra Power LEDs (Black / Sintra Housing)
SN-01-02-275	200 mm Single Signal with Sintra Power LEDs (Black / Standard Housing)
SN-04-02-350	300 mm Single Signal with Sintra Power LEDs (Black / Sintra Housing)
SN-01-02-350	300 mm Single Signal with Sintra Power LEDs (Black / Standard Housing)
SN-04-02-201	200 mm Vehicle Signal with Arrow (Black / Sintra Housing)
SN-01-02-201	200 mm Vehicle Signal with Arrow (Black / Standard Housing)
SN-04-02-301	300 mm Vehicle Signal with Arrow Sintra Power LEDs (Black / Sintra Housing)
SN-01-02-301	300 mm Vehicle Signal with Arrow Figure / Sintra Power LEDs (Black / Standard Housing)
SN-04-02-250	200 mm Pedestrian Signal with Sintra Power LEDs (Black / Sintra Housing)
SN-01-02-250	200 mm Pedestrian Signal with Sintra Power LEDs (Black / Standard Housing)



200 mm SINTRA POWER LED TRAFFIC SIGNAL MODULE

SY-01-041

Diameter	200 mm
Front Shell	Tinted, Clear
Color	Red, Yellow, Green
Light Intensity	400 - 800 cd
Light Source	Power LED
Power Consumption	8W
Operating Voltage	220-240 V AC 50/60 Hz
Phantom Class	5
Power Factor	>%90
Total Harmonic Distortion (THD)	<%20
IP Class	IP 65
Weight	0,7 kg
Certificates	TS EN 12368:2015
Operating Temperature	-40°/+60°C

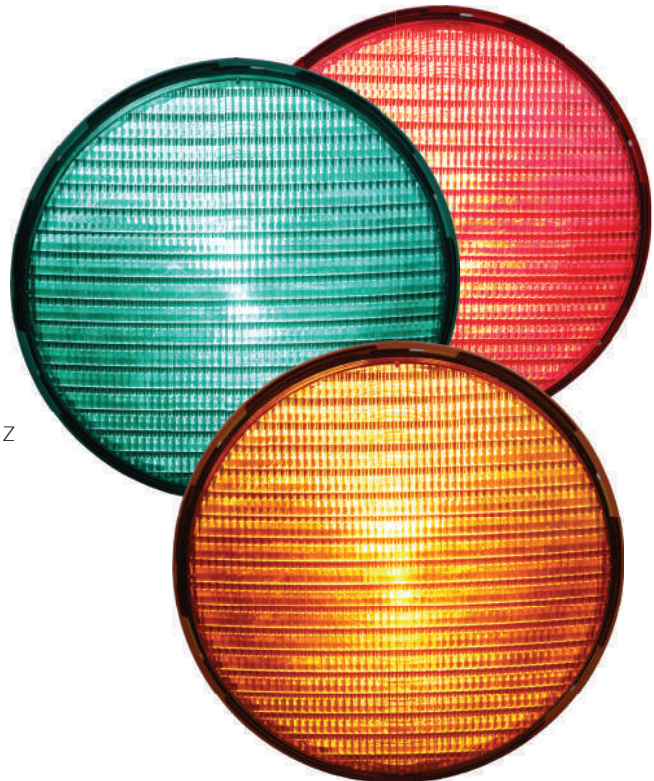


SINTRA
Signalling Systems

300 mm SINTRA POWER LED TRAFFIC SIGNAL MODULE

SY-01-046

Diameter	300 mm
Front Shell	Tinted, Clear
Color	Red, Yellow, Green
Light Intensity	400 - 800 cd
Light Source	Power LED
Power Consumption	8W
Operating Voltage	220-240 V AC 50/60 Hz
Phantom Class	5
Power Factor	>%90
Total Harmonic Distortion (THD)	<%20
IP Class	IP 65
Weight	1,1 kg
Certificates	TS EN 12368:2015
Operating Temperature	-40°/+60°C



DIMMABLE SINTRA POWER LED SIGNAL HEADS



Product Types and Codes

SN-04-02-200GD	200 mm Vehicle Dimmable Sintra Power LED Gray Glass
SN-04-02-250GD	200 mm Vehicle Dimmable Sintra Power LED Gray Glass
SN-04-02-300GD	300 mm Vehicle Dimmable Sintra Power LED Gray Glass

Diameter (LED module)	300 mm
Housing / Mask Material Type	Polycarbonate (% 100 PC)
Housing Color	Black
LED (Type / Color)	Power LED / Red, Yellow, Green
Lens Type	Gray
Light Distribution	Fresnel Lens
Power Factor	PF>0.9, THD<20%
Phantom Class	5
Dim Class	D1 (Dimmable)
Power Consumption	Max 8 Watts / Module
Certificates	TS EN 12368:2015, IP 65

100mm POWER LED SIGNAL HEADS

Diameter	100 mm
Housing /Mask Material Type	Polycarbonate (% 100 PC)
Housing Color	Black / Grey-Black
LED	Power LED / Red, Yellow, Green
Power Consumption	5 Watt / Module

Product Types and Codes

SN-04-01-100 100 mm Vehicle Signal with Power LEDs (Black / Sintra Housing)

SN-04-01-101 100 mm Power LED Signal with Triple Bicycle (Black / Sintra Housing)

SN-04-01-150 100 mm Pedestrian Signal with Power LEDs (Black-Sintra Housing)

SN-04-01-152 100 mm Power LED Signal with Double Bicycle (Black / Sintra Housing)

SN-04-01-122 100 mm Single Signal with Yellow Power LEDs (Black / Sintra Housing)

SN-04-01-151 100 mm Double Signal with Power LEDs (Black-Sintra Housing)

100mm LED SIGNAL HEADS

Diameter	100 mm
Housing /Mask Material Type	Polycarbonate (% 100 PC)
Housing Color	Black / Grey-Black
LED	5 mm LED
Power Consumption	2 Watt / Module

Product Types and Codes

SN-04-40-100 100 mm Vehicle Signal with LEDs (Black-Sintra Housing)

SN-04-40-150 100 mm Pedestrian Signal with LEDs (Black-Sintra Housing)

SN-04-40-155 100 mm Double Signal with LEDs (Black-Sintra Housing)

SN-04-40-180 100 mm Single Signal with LEDs (Black-Sintra Housing)



5mm LEDs SIGNAL HEADS

Diameter	200 mm / 300 mm
Housing /Mask Material Type	Polycarbonate (% 100 PC)
Housing Color	Black / Grey-Black
LED	5 mm Transparent / Red, Yellow, Green
Power Consumption	12 Watt - 18 Watt / Module
Certificate (IP Class)	TS EN 12368:2015

Product Types and Codes

- SN-01-40-200** 200 mm Vehicle Signal with 5 mm LEDs
(Black / Standard Housing)
- SN-04-40-200** 200 mm Vehicle Signal with 5 mm LEDs
(Black / Sintra Housing)
- SN-01-40-250** 200 mm Pedestrian Signal with 5 mm LEDs
(Black / Standard Housing)
- SN-04-40-250** 200 mm Pedestrian Signal with 5 mm LEDs
(Black / Sintra Housing)
- SN-01-40-275** 200 mm Single Signal with 5 mm LEDs
(Black / Standard Housing)
- SN-04-40-275** 200 mm Single Signal with 5 mm LEDs
(Black / Sintra Housing)
- SN-01-40-300** 300 mm Vehicle Signal with 5 mm LEDs
(Black / Standard Housing)
- SN-04-40-300** 300 mm Vehicle Signal with 5 mm LEDs
(Black / Sintra Housing)
- SN-01-40-350** 300 mm Single Signal with 5 mm LEDs
(Black / Standard Housing)
- SN-04-40-350** 300 mm Single Signal with 5 mm LEDs
(Black / Sintra Housing)
- SN-01-40-290** 200 mm Vehicle Signal with
Arrow 5 mm LEDs (Black / Standard Housing)
- SN-04-40-201** 200 mm Vehicle Signal with
Arrow 5 mm LEDs (Black / Sintra Housing)
- SN-01-40-380** 300 mm Vehicle Signal with
Arrow 5 mm LEDs (Black / Standard Housing)
- SN-04-40-301** 300 mm Vehicle Signal with
Arrow 5 mm LEDs (Black / Sintra Housing)



ASYA POWER LED SIGNAL HEADS

Diameter	200 mm /300 mm
Housing /Mask Material Type	Polycarbonate (% 100 PC)
Housing Color	Black / Grey-Black
LED	Power LED / Red, Yellow, Green
Phantom Class	3
Power Consumption	7 Watt / Module
Certificate	TS EN 12368: 2015

Product Types and Codes

- SN-01-01-200** 200 mm Vehicle Signal with Power LEDs (Black / Standard Housing)
- SN-04-01-200** 200 mm Vehicle Signal with Power LEDs (Black / Sintra Housing)
- SN-01-01-250** 200 mm Pedestrian Signal with Power LEDs (Black / Standard Housing)
- SN-04-01-250** 200 mm Pedestrian Signal with Power LEDs (Black / Sintra Housing)
- SN-01-01-275** 200 mm Single Signal with Power LEDs (Black / Standard Housing)
- SN-04-01-275** 200 mm Single Signal with Power LEDs (Black / Sintra Housing)
- SN-01-01-300** 300 mm Vehicle Signal with Power LEDs (Black / Standard Housing)
- SN-04-01-300** 300 mm Vehicle Signal with Power LEDs (Black / Sintra Housing)
- SN-01-01-350** 300mm Single Signal with Power LEDs (Black / Standard Housing)
- SN-04-01-350** 300 mm Single Signal with Power LEDs (Black / Sintra Housing)
- SN-01-01-290** 200 mm Vehicle Signal with Arrow Figure (Black / Standard Housing)
- SN-04-01-201** 200 mm Vehicle Signal with Arrow Figure (Black / Sintra Housing)
- SN-01-01-380** 300 mm Vehicle Signal with Arrow Figure (Black / Standard Housing)
- SN-04-01-301** 300 mm Vehicle Signal with Arrow Figure (Black / Sintra Housing)
- SN-01-01-251** 200 mm Double Signal with Power LEDs Red\Green (Black / Standard Housing)
- SN-04-01-255** 200 mm Double Signal Head with Power LEDs Red\Green (Black / Standard Housing)





200mm SINTRA POWER LED PEDESTRIAN SIGNAL HEAD with PROJECTOR (BLACK / SINTRA HOUSING) **SN-04-02-290**

Projector Luminous Color	Red, Green
Power Consumption	Max 23 Watt
Diameter (LED module)	(8W Signal Head, 15W Projector)
Mask	200 mm
Housing Color / Type	Pedestrian
Housing / Mask Material Type	Black / Sintra
LED Type / Color	Polycarbonate (% 100 PC)
Light Distribution (Module)	Sintra Power LED / Red, Green
Power Factor	Fresnel Lens
Phantom Class	PF>0.9, THD<% 20
Protection Class	5
	IP 65



200 mm DOUBLE SIGNAL HEAD with POWERLEDS **SN-01-05-501**

Diameter (LED module)	200 mm
Housing / Mask Material Type	Polycarbonate (% 100 PC)
Housing Color	Black
LED (Type / Color)	Power LED, Red / Green
Power Consumption	Max 7 Watt / Module
Input Voltage	220 V AC 50 Hz
Certificates	TS EN 12368:2015



300 mm GRAPHIC COUNTDOWN VEHICLE SIGNAL (BLACK / STANDARD)

SN-01-06-301

Diameter (LED Module)	300 mm
Housing Color / Type	Black / Standard
Housing / Mask Material Type	Polycarbonate (% 100 PC)
LED (Type / Color)	5 mm LED / Red, Yellow, Green
Certificate	(TS EN 12368)
Power Consumption	15W / Module
Input Voltage	220 V AC 50 Hz
LED Signal Type	Full Graphic
LED Module Protection	IP 65



300 mm VEHICLE SIGNAL WITH RED AND GREEN COUNTDOWN (BLACK / STANDARD)

SN-01-06-300

Diameter (LED Module)	300 mm
Housing Color / Type	Black / Standard
Housing / Mask Material Type	Polycarbonate (% 100 PC)
LED (Type / Color)	5 mm LED / Red, Yellow, Green
Power Consumption	15W / Module
Input Voltage	220 V AC 50 Hz
LED Module Protection	IP 65



300 mm VEHICLE SIGNAL WITH YELLOW COUNTDOWN MODULE (BLACK / STANDARD)

SN-01-60-300

Diameter (LED Module)	300 mm
Housing Color / Type	Black / Standard
Housing / Mask Material Type	Polycarbonate (% 100 PC)
LED (Type / Color)	5 mm LED / Red, Yellow, Green
Certificate	(TS EN 12368)
Power Consumption	15W / Module
Input Voltage	220 V AC 50 Hz
LED Module Protection	IP 65

ANIMATED PEDESTRIAN SIGNAL WITH COUNT DOWN (GREEN ALUMINIUM BODY)

SN-05-40-300

Size	370 x 670 x 70 mm
Weight	9kg
Housing Color	Green
Housing Material Type	Aluminum
LED	5mm Red, Green
Power Consumption	Max 30 Watt
Product Type	Graphics Count Down Animated Pedestrian Set



SINTRA
Signalling Systems

300 mm STAINLESS HOUSING LED VEHICLE SIGNAL

SN-05-40-300

Diameter	300 mm
Housing Material Type	Mirrored Stainless Housing
Housing Color	Silver
LED	5 mm Transparent Red , Yellow , Green
Power Consumption	Max 18 Watt
Weight	21 kg
Size	112 cm x 37 cm x 45 cm



LED TRAFFIC COUNTDOWN TIMER

Diameter	200 mm / 300 mm
Housing /Mask Material Type	Polycarbonate (% 100 PC)
Housing Color	Black / Grey-Black
LED	5 mm Transparent / Red, Yellow, Green
Power Consumption	10 Watt - 15 Watt / Module
Certificate (IP Class)	TS EN 12368:2015



Product Types and Codes

- SN-01-05-200 200 mm Traffic Countdown Timer with LEDs (Black / Standard Housing)
- SN-04-05-200 200 mm Traffic Countdown Timer with LEDs (Black / Standard Housing)
- SN-01-05-250 200 mm Animated Pedestrian Signal with LEDs (Black / Standard Housing)
- SN-04-05-250 200 mm Animated Pedestrian Signal with LEDs (Black / Sintra Housing)
- SN-01-05-300 300 mm Traffic Countdown Timer with LEDs (Black / Standard Housing)
- SN-04-05-300 300 mm Traffic Countdown Timer with LEDs (Black / Sintra Housing)
- SN-01-05-320 300 mm Countdown Timer with 2.5 Digits LEDs (Black / Standard Housing)
- SN-04-05-320 300 mm Countdown Timer with 2.5 Digits LEDs (Black / Sintra Housing)
- SN-01-05-325 300 mm Graphic Countdown Timer with LEDs (Black / Standard Housing)
- SN-04-05-325 300 mm Graphic Countdown Timer with LEDs (Black / Sintra Housing)
- SN-01-05-350 300 mm Animated Pedestrian Signal with LEDs (Black / Standard Housing)
- SN-04-05-350 300 mm Animated Pedestrian Signal with LEDs (Black / Sintra Housing)
- SN-01-40-260 200 mm Static Pedestrian Signal with LEDs (Black / Standard Housing)
- SN-04-40-260 200 mm Static Pedestrian Signal with LEDs (Black / Sintra Housing)
- SN-01-05-400 300 mm Adaptive Countdown Timer For Dynamic Intersections (Black / Standard Housing)
- SN-04-05-400 300 mm Adaptive Countdown Timer For Dynamic Intersections (Black / Sintra Housing)



200 mm STOP / WALK SIGNAL WITH LEDS (BLACK / STANDARD)

SN-01-45-200

Diameter	200 mm
Housing Material Type	Polycarbonate (% 100 PC)
Housing Color	Black / Grey Black
LED (Type / Color)	9 mm / Red, Green
Power Consumption	7 W / Module
Certificates	IP 65
Operating Voltage	12 V DC / 24 V DC / 220 V AC



200 mm ANIMATED PEDESTRIAN SIGNAL WITH COUNTDOWN TIMER WITH LEDS

SN-01-05-275

Diameter	200 mm
Weight	6 kg
Housing / Mask Material Type	Polycarbonate (%100 PC)
Housing Color	Black / Grey-Black
Input Voltage	220 V AC 50 Hz
LED	5mm, Red, Green
Power Consumption	30 Watt



300 mm ANIMATED PEDESTRIAN SIGNAL WITH COUNTDOWN TIMER WITH LEDS

SN-01-05-375

Diameter	300 mm
Weight	9 kg
Housing / Mask Material Type	Polycarbonate (%100 PC)
Housing Color	Black / Grey-Black
Input Voltage	220 V AC 50 Hz
LED	5mm, Red, Green
Power Consumption	30 Watt



200 MM DOUBLE SIGNAL HEAD WITH POWERLEDS

SN-01-02-255

Diameter (LED module)	200 mm
Housing / Mask Material Type	Polycarbonate (% 100 PC)
Housing Color	Black
LED (Type / Color)	Power LED, Red / Green
Power Consumption	Max 7 Watt / Module
Certificates	TS EN 12368:2015



800 X 600 MM TRAFFIC COUNTDOWN TIMER WITH LEDS

SN-01-05-500

Size	800x600 mm
Weight	24 kg
Housing Type	Metal
Housing Color	Black
Input Voltage	220 V AC 50 Hz
Digit Type	7 Segment
Number of Digits	2 Digits
LED	LED: 3 colors, 5mm, Red, Yellow, Green
Power Consumption	30 Watt



400 X 600 MM TRAFFIC COUNTDOWN TIMER WITH LEDS

SN-01-05-502

Size	400 x 600 mm
Weight	15 kg
Housing Type	Metal
Housing Color	Black
LED	3 colors, 5mm, Red, Yellow, Green
Power Consumption	17 Watt



TRAM TRAFFIC LIGHT

SN-04-01-100TM

Dimensions	300 x 500 x 380 mm
Housing	Metal (Electrostatic Powder Paint)
Diameter (LED Module)	100 mm
LED (Type / Color)	Power LED / White
Power Consumption	5 Watt / Module
Input Voltage	220 V AC 50 Hz



TRAM TRAFFIC LIGHT with 5 MM (LEDS 200 mm)

SN-01-05-501

Diameter	200 mm
Housing Material Type	Polycarbonate (% 100 PC)
Mask Material Type	Metal
LED	5 mm White
Power Consumption	Max. 5 Watt / Module
Operating Voltage	220v AC (± %10)
Operating Temperature	-40°C / +60°C
Tests	Insulation Resistance / High Voltage / Stray Current



300 mm TOLL APPROACH WARNING LED FLASHER (BLACK / STANDARD HOUSING)

SN-01-40-351SB



Diameter: 300 mm	300 mm
Housing Type	Polycarbonate (% 100 PC)
Housing Color / Type	Black / Standard Housing
LED Type / Quantity	5mm LEDs, 80 pcs Yellow, 220 pcs white
Functions	Outer Circle (Yellow LEDs) always ON, Inner circle will flash white when triggered.
Power	230 V AC
Power Consumption	15 W (Max)
Protection Degree	IP 55s



ACCESSIBLE PEDESTRIAN TOUCH BUTTON

SN-07-008

Dimensions	120 x 270 x 84 mm
Weight	2 kg
Body Type	Polycarbonate
Body Color	Yellow-Black
Operating Voltage	220 V AC
Voice Level	Automatic / Acoustic Characteristic
Detection	(According to the Environment dB Level)
Front Face	Touch Sensor
Mounting	Illuminated (Desired Logo and Figure can be made) With rubber backboard, suitable with Standard and Overhead Signal Pole
IP Class	IP 65



ACCESSIBLE PEDESTRIAN TOUCH BUTTON WITH VIBRATION

SN-07-012

Dimensions	150 x 320 x 100 mm
Weight	2 kg
Body Type	Polycarbonate
Body Color	Yellow-Black
Operating Voltage	220 V AC or 12-24 V DC
Voice Level	Automatic / Acoustic Characteristic (According to the Environment dB Level)
Detection	Capacitive Sensor with Adjustable Distance
Button Specs	White Backlight and Vibrational Feedback
Front Face	Red-Green Illuminated Text and Symbols
Side Panel	Magnetic, Tactile Raised Symbols
Programming	g: Computer, Tablet, and Smartphone via Bluetooth, RFID, Audible Countdown, Able to Operate at the Scheduled Time.
Mounting	Suitable for Standard and Overhead Poles with Rubber Backing
IP Class	IP 65



ACOUSTICAL SIGNAL TRANSMITTER FOR PEDESTRIANS

SN-07-005

Dimension	28 x 18 x 13,5 cm
Weight	1,9 kg
Body	%100 PC, Black
Operating Voltage	220 V
Intended Use	Audible warning for visually impaired
Voice Level	Automatic, according to the environment dB level
Voice dB	30-90 dB
Voice tone	Warning messages or "Beep" tone

200 mm - 300 mm TOTEM TRAFFIC LIGHT

SN-09-01-200

SN-09-01-300



Input Voltage

220 V AC 50 Hz

Material Type

Electrostatic Powder Coated

Metal Structure

Housing Color

Grey / Black

Housing Size

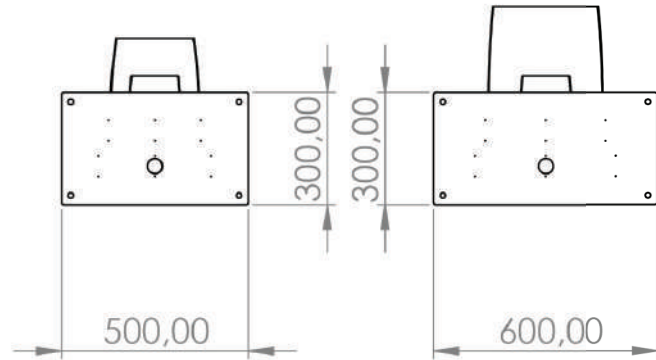
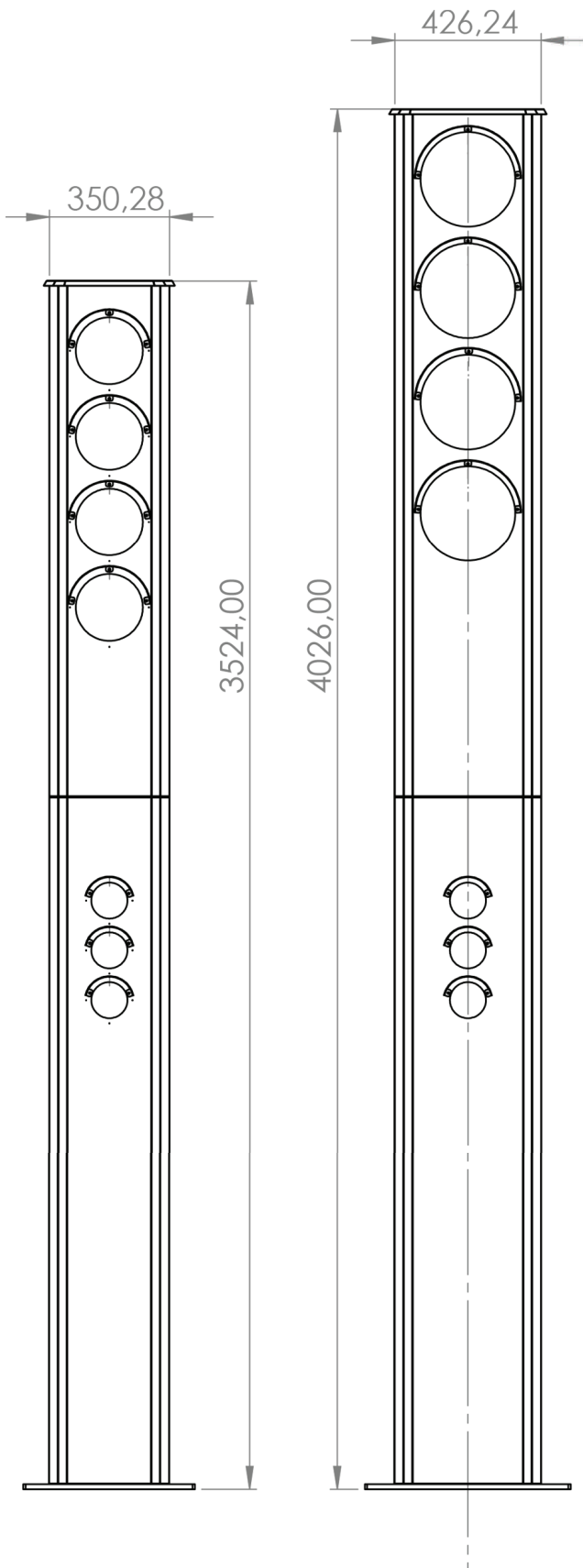
300mm

426 x 187 x 4000 mm

200mm

350 x 187 x 3500 mm

Bottom View





OVERHEAD / L POLE

Protection
Pipe Type
Standard
Height
Product Type and Codes

Galvanised
114 x 4 mm, 139 x 5 mm, 89 x 4 mm cylindrical iron pipe
TS 301/2, Turkish Directorate of Highways Standards
6 mt
SN-05-600 Without Anchorage Base
SN-05-625 With Anchorage Base



STANDARD POLE

Protection
Pipe Type
Standard
Height
Product Type and Codes

Galvanised
114x4 mm cylindrical iron pipe
TS 301/2, Turkish Directorate of Highways Standards
4 m
SN-05-001 Without Anchorage Base
SN-05-612 With Anchorage Base



TAG SIGNAL POLE (N/U - TYPE)

Height
Wide
Coating
Pole Type

6m
Depending on road width, between 10 mt. and 15 mt.
Hot-dip galvanized
159 x 5 mm Cylindrical iron pipe

COMPOSITE MANHOLE COVER (COMPOSITE JOINT BOX)

SN-10-023



Dimensions	485 x 485 x 400 mm
Material Type	Fiber Reinforced Plastics
Weight	20 kg
Body Thickness	10 mm
Bending Strength (Mpa)	Min. 150
Barcol Hardness (Kj/m²)	Min 35
Water Absorption (%)	Max. 70 mg.
Density (Gr/Cm³)	Min. 1.5
Incombustibility Class	Bff S 1

INTERSECTION CONTROLLER STAND SN-10-001



Size	90 x 79 cm
Weight	17 kg
Paint	Electrostatic Paint
Intended Use	Used at installation of controller

INTERSECTION CONTROLLER POLE SN-01-005



Size	150 cm
Weight	24 kg
Paint	Hot dip galvanized coating
Intended Use	Used at installation of controller

GROUND ROD SN-10-010



Material Type	Copper
Size	1 m
Weight	1.5 kg

FOCUS-LOOP COMPUTER VISION SOFTWARE PLATFORM

SN-15-029



Language Support
Communication Type
License
Operating System
Platform
Version
Software Language
Length
Width
Height

Tr, Eng
UDP, USB Serial Communication
Commercial
Linux
Embedded
V1.5.0
Python
235mm
110mm
75mm



PEDESTRIAN BUTTON

SN-07-001

Compatible Pole
Compatible Device
Intended Use

Standard / Overhead Pole
All devices which have
pedestrian button output.
Used when pedestrians want to
pass across the road.



GREEN WAVE SATELLITE MODULE (GPS)

SN-15-010

Synchronization
Compatible Device
Master Intended Use

GPS
Maestro, Master
Green Wave System



FLASHER DEVICE

SN-10-015

Operating Voltage
Product Type

220 V / 12 V
In the LED module or
on the pole
Switch to flash position

Intended Use



CROSSING PAVEMENT LIGHT (FOR PEDESTRIAN)

SN-15-050

Size
Weight
Operating Voltage
Material (Body)
LED
Protection
Mounting

300 x 200 x 35 mm
2.4 kg
24 V DC
Polycarbonate
Red and Green LED Strip
Resin-casting
Holes are opened on the
pavement and placed in
it and glued with its adhesive



MINI SINTRA INTERSECTION CONTROLLER

SN-06-03-100M

Size	1080 x 635 x 400 mm
Operating Voltage	220V AC
Housing Type	Galvanized Cover, Electrostatic Powder Paint
Signaling Groups	4 / 8 / 12 / 16 / 20 / 24 / 28 / 32 Group Options



POLE TYPE SINTRA INTERSECTION CONTROLLER

SN-06-03-500

Dimension	600 x 400 x 300 mm
Weight	20 kgs
Operating Voltage	220 V AC
IP Class	IP 65
Mounting	with 2 pcs clamps for signaling pole
Housing Type	Electrostatic Powder paint, Galvanized Housing
Programming	USB / PC Interface / LCD Screen
Signaling Groups	4 / 8 / 12 / 16 Groups Options



PROGRAMMABLE SIGNAL CONTROL UNIT

SN-15-042

Size	200 x 300 x 130 mm
Weight	1.50 kg
Operating Voltage	220 V AC
Fixation	with 2 Pcs Pole Clamp
Instruction	One triple signal head and one pedestrian signal head can be connected. Operating time can be easily changed with LCD screen.

GARAGE KIT CONTROL UNIT

SN-15-043



Size	200 x 300 x 130 mm
Weight	2 kg
Operating Voltage	220 V AC
Mounting	With 2 Pcs Brackets
Technical Details	2 Pcs Vehicle Signal Head and 2 Pcs Pedestrian Signal Head can be connected. There are 4 pcs sensor input. Sensors can be optionally selected as magnetic sensor and camera sensor. It can also be controlled with remote control if needed. It can be programmed in desired scenario.
Explanation	It is especially used to prevent vehicles from colliding at garage entrances and exits and to determine transition priority.

MAESTRO INTERSECTION CONTROLLER

- The Turkish Standards Institute (TSE) approval (TS EN 50556)
- Microcontroller-based modular structure
- Easy programming with the Bluetooth or USB interconnection
- Up to 32 signal groups, 32 and 32 isolated from the loop detector input
- Precision lamp current and voltage controls and secure signaling
- 4, 8, 12, 16, 20, 24, 28 and 32 group opportunities
- Ethernet, GPRS and SMS remote connection options
- 2 separate programming interface for new and experienced users
- All entries for the measurement of compliance with the census and occupancy rate
- External connections for 2 x USB port (PC, GSM, GPS, etc.).
- 16 units 16 units in different phases defined in phase and signal plan
- 48 units 16 units the signal sequence using the steps described in step
- Traffic Adaptive mode of operation for the logical function blocks
- Opening and closing sequences
- In order to avoid the unsafe or defective signalisation traffic signal plans for using the signal outputs to simulate
- The status of normal and fault modes flash, flash colors and frequencies



SINTRA
Signaling Systems

Product Types and Codes

- SN-06-01-100** 4 gr Maestro Intersection Controller
- SN-06-01-101** 8 gr Maestro Intersection Controller
- SN-06-01-102** 12 gr Maestro Intersection Controller
- SN-06-01-103** 16 gr Maestro Intersection Controller
- SN-06-01-104** 20 gr Maestro Intersection Controller
- SN-06-01-105** 24 gr Maestro Intersection Controller
- SN-06-01-106** 32 gr Maestro Intersection Controller

Product Types and Codes

- SN-06-01-150** SSM Module
- SN-06-01-151** CPU Module
- SN-06-01-152** MMI Module
- SN-06-01-153** PSM Module
- SN-06-01-154** BP Module
- SN-06-01-155** IO Module 8 Button





UPS (UNINTERRUPTABLE POWER SUPPLY) FOR SIGNALIZED INTERSECTIONS)

SN-15-082

Size	615 x 800 x 1100 mm
Operating Voltage	24v
Output Voltage	220v
Housing Type	Electrostatic Powder paint galvanised housing
Activation Time	<20 ms
IP Class	IP65
Inverter Power	1000 Watt
Active Operating Hours	8-10 hours

SOLAR POWERED SYSTEMS

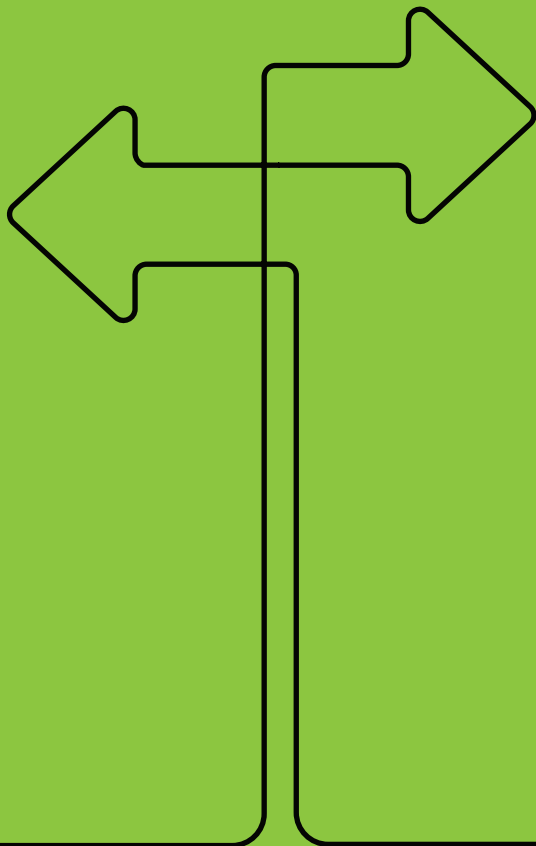
Soltra products are manufactured according to the traffic and road safety standards.

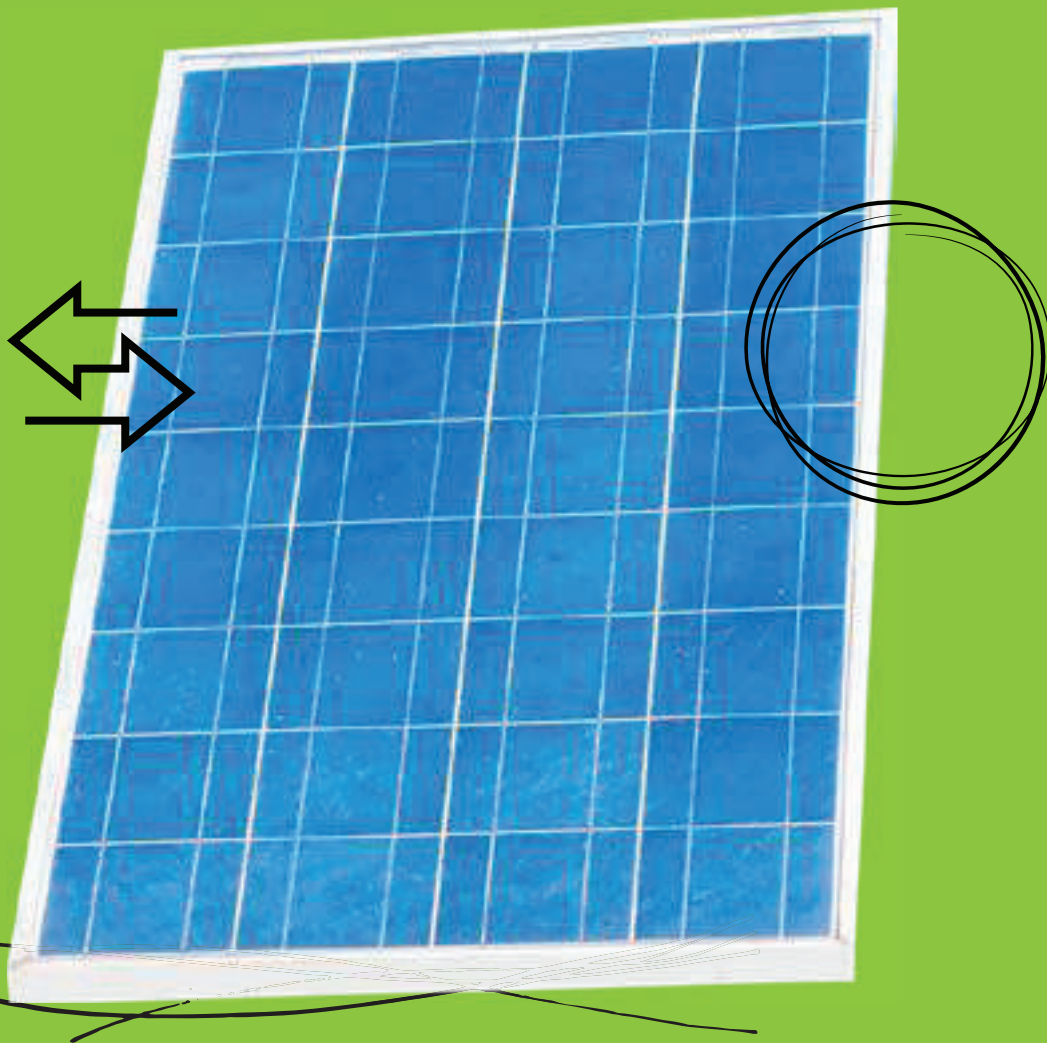
Soltra products are used in 81 cities in Turkey and used in more than 80 countries around the world.

Solar LED Road Stud: Aluminium body, LEDs that meet EN 12368 and EN 12966 standards, NiMh battery with high charge capability, IP 67 protection class.

Solar LED Flashers: LEDs that meet EN 12368 and EN 12966 standards, IEC 61215 certificated solar panel, TSE certificated battery and %100 PC body

Solar LED Traffic Signs: High Performance reflective sign, LEDs that meet EN 12368 and EN 12966 standards, IEC 61215 certificated solar panel, TSE certificated battery, IP 65 Metal or Aluminium housing.







SOLAR ROAD STUD (RED) ECO

SL-01-100E

Size	125 x 145 x 28 mm
Material	Al body and TPE protective base
Weight	0.45 kg
Solar Panel	0.4 W 3 V Solar Panel
Battery	1.2 V 600 mAh
Other Details	5 mm, 3 x 3 pieces LEDs at both sides
Fixation	2 x 7,5 x 80 mm buldex screw and 12 mm plastic fixing plug



SOLAR POWER LED TRIANGLE FLASHER

SL-01-200 (YELLOW)

SL-01-201 (RED)

Size	280 x 250 x 135 mm
Weight	0.9 kg
LED	2 x 1 W Power LED, Red or Yellow
Material	PC-ABS
Other Specifications	Double-faced lens structure, 2 x 1.2 V 2000 mAh NiMh rechargeable battery, 1 x 3 V 250 mA solar panel 2 x 1 W EN 12368 traffic standard compatible power LEDs



SOLAR TRIANGLE FLASHER (ECO)

SL-01-210

Size	235 x 210 x 95 mm
Weight	0.8 kg
LED	2 x 1 W Power LED, Red, Yellow
Other Specifications	Double faced lens structure 1.2 V 1200 mAh Nimh rechargeable battery
Material	Polycarbonate / ABS
Box Size	300 x 320 x 100 mm
In Box	1 piece



SOLAR LED SIGNS WITH NORMAL PERFORMANCE REFLECTIVE

Solar Panel
Battery
Housing Type
Reflective Material
LED

10W Polycrystal (20W Optional)
12V 7Ah Dry Type
Galvanized
Normal Performance
9 mm LED



SOLAR LED SIGNS WITH HIGH PERFORMANCE REFLECTIVE

Solar Panel
Battery
Housing Type
Reflective Material
LED

10W Polycrystal (20W Optional)
12V 7Ah Dry Type
Black electrostatic powder paint
High Performance
9 mm LED



SOLAR LED ROAD MAINTENANCE SIGNS WITH NORMAL PERFORMANCE REFLECTIVE

Solar Panel
Battery
Housing Type
Reflective Material
LED

10W Polycrystal
12V 7Ah Dry Type
Galvanized metal sheet
Normal Performance
9 mm LED



200mm SOLAR FLASHER WITH LEDs

SL-03-01-200 Black Standard Housing

SL-03-03-200 Black Sintra Housing

Diameter	200 mm
Color	Black, grey-black
Solar Panel	6 V, 5 W polycrystal
Accumulator	6 V, 4 Ah Dry type
LED	10 mm, Yellow, Red



300mm SOLAR FLASHER WITH LEDS

SL-03-01-300 Black Standard Housing

SL-03-03-300 Black Sintra Housing

Diameter	300 mm
Color	Black, grey-black
Battery	12 V, 7 – 18 Ah
Solar Panel	10-20 W
Battery	12 V, 7 – 18 Ah
LED	10 mm, Yellow, Red



300 mm SOLAR POWERED GPS SYNCHRONIZED FLASHER WITH LEDS

SL-03-01-400

Diameter	300 mm
Housing Color Options	Black, Grey-Black
Solar Panel	20 W Polycrystal
Battery	12 V, 20 Ah Deep Cycle
LED	10 mm/5 mm, Yellow, Red
Synchronization	GPS module and indoor antenna
Operating Mode	Operating in 8 different scenarios, Smart Mode, Night Mode
LED Brightness	Adjustable (Dimming)
Power Consumption	Max 4 W
Charge Type	MPPT



200mm SOLAR FLASHER WITH POWER LEDS

SL-04-01-200

Dimension	200 mm
LED	Power LED / Yellow, Red
Light Distribution	Fresnel Lens
Protection Cover	Hermetic case
Solar Panel	5 W polycrystal
Battery	6 V 4 Ah Dry type



300mm SOLAR FLASHER WITH POWER LEDS

SL-04-01-300

Diameter	300 mm
LED	10 mm LED or Power LED / Yellow, Red
Module	2 pcs flasher
Solar Panel	20 W polycrystal
Battery	2 pcs 12 V 7 Ah Dry type



300mm SOLAR DOUBLE FLASHER WITH LEDs

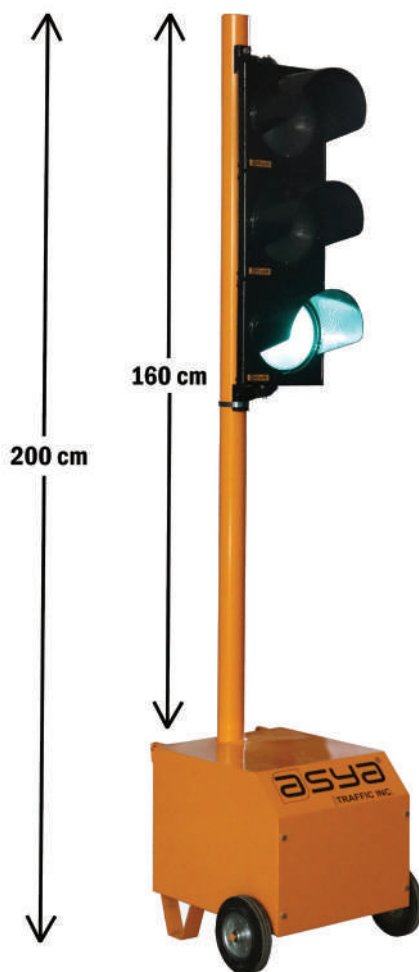
SL-05-01-300

Diameter	300 mm
LED	10 mm LED or Power LED / Yellow, Red
Module	2 pcs flasher
Solar Panel	20 W polycrystal
Battery	2 pcs 12 V 7 Ah Dry type

PORTABLE VEHICLE SIGNAL HEAD (ECO)

SN-02-01-11-200

Battery	12 V- 22 Ah Gel Battery
Power Consumption	18 Watt
Housing Type	Electrostatic Powder Paint Metal Housing
Housing Size	400 x 500 x 350 mm
Product Type	2 mt.
Signal Head Type	200 mm Vehicle Signal Head with Power LEDs (TS EN 12368 Certificated)
Signal Head Housing Type	Polycarbonate (%100 PC)
Weight	50 kg



SOLAR PORTABLE VEHICLE SIGNAL HEAD WITH POWER LEDS

SN-02-01-10-200



Solar Panel

2 x 20 Watt
Monocrystal (2 axis
movable)

Battery

12 V 65 Ah Gel Battery

Communication Frequency

RF Trans receiver
868 MHz

Communication Distance

2 Km (Open Field)

Power Consumption

18 Watt

Housing Type

Metal Sheet (Foldable)

Housing Size

400 x 500 x 3000 mm

Pole Height

2.70 m

Signal Head Type

200 mm Vehicle Signal
Head with Power LEDs

Signal Head Housing Type

Polycarbonate (%100 PC)

Fixation

4 pieces of legs and
16 pcs screw and fixing
plug

Hardware Content

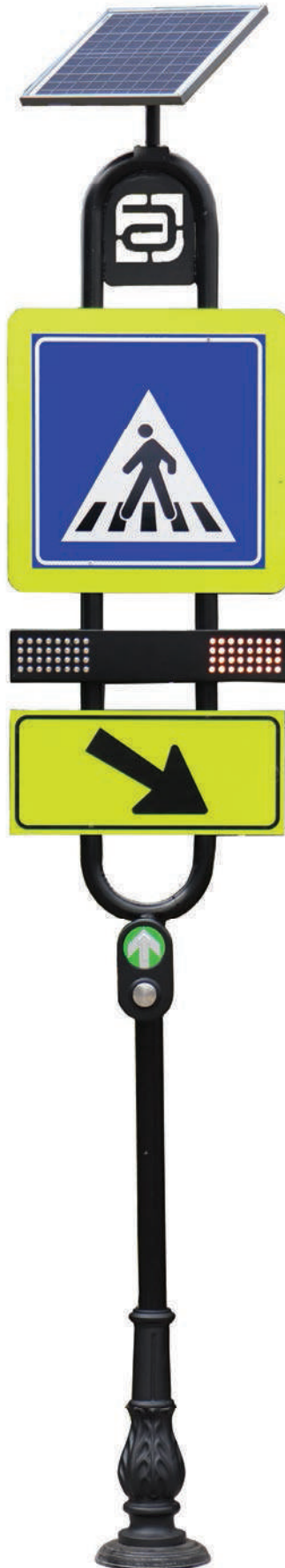
Vehicle signal head, Solar
panel group, Battery
group, Regulator, Portable
pole and housing set

Optional Hardware

Pedestrian signal head,
Pedestrian button

Mode of Operation

4 pcs of device can
operate synchronized.



INTELLIGENT PEDESTRIAN CROSSING SYSTEM

SL-07-01-001

Solar Panel

Battery

LED

Reflective Material

Detection

Pole Height

Pole Type

Fixation

Description

10 W Polycrystal

12 V, 7 Ah

9 mm / Yellow, Red

High Performance (Type-4)

With Bottom

3 mt

Metal, flanged

With Anchorage and Decorative Base

When the pre-warning system is

started, the LED warning light

towards the drivers will flash

to warn the drivers and help

pedestrians to cross safely.

SOLAR MOBILE SPEED WARNING SYSTEM WITH DOPPLER RADAR 80 x 85 CM LD-02-03-260

Solar Panel	4 x 20 Watt (2 axis adjustable)
Battery	12V 65 Ah
Radar Housing Type	Aluminum
Housing Size	800 x 850 x 55 mm
LED	5 mm / Red, Green, White
Radar Type	Doppler Radar
Speed Measurement Distance (max)	200 m
IP Class	IP 65
Brightness Level	Automatically according to the environment
Pole Height	3 mt
Pole Type	Metal Sheet (Foldable)
Fixation	5 pieces of Legs and 20 pieces screw and fixing plug
Hardware Content	Solar panel group, battery group, regulator, radar screen, doppler radar, mobile pole, and body.



ECO SOLAR LED LIGHT 10 W

LXSL-SK1-10W 10 W



Power	10 W
Light Output	1200 lm
Battery	18 Ah
Solar Panel	20 W
Operating Voltage	12 V
Charge Control	4A PWM Smart Solar Charge Controller
Pole Length	3 meters
Pole Diameter	60 mm
Operating Temperature	-30°/+50°C

REMOTE ACCESS FLASHER SYSTEM



RF Communication Frequency	868Mhz
RF Transmit Power	+27dBm
RF Receiver Sensitivity	-148dBm
Communication	Bidirectional (Transceiver)
GPS Receiver Types	GPS / QZSS, GLONASS, Galileo, BeiDou
GPS Receiver Sensitivity	-167 dBm
GPS LNA	Internal
GSM Bands	GSM 850 / 900 / 1800 / 1900 Mhz
GSM Receiver Sensitivity	-109dBm
Operating temperature	-20/+85 °C

- Electric or solar powered operation
- Energy monitoring (battery, solar panel or power supply voltages)
- Location tracking on the map
- Failure tracking and planning
- Server access via GSM or Ethernet
- Compatible with external sensors (fog, meteorological, temperature)
- RF based communication
- GPS based synchronization
- Variable operating modes
- Low power consumption

Product Type and Codes

SL-03-01-400	300 mm Solar Flasher RF/GPS Based
SL-22-001	Remote Access Device
SL-22-002	Web Based Central Management Software

LED TRAFFIC SIGNS

Ledtra products are manufactured according to the traffic and road safety standards.

Ledtra products are used in 81 cities in Turkey and used in more than 80 countries around the world.

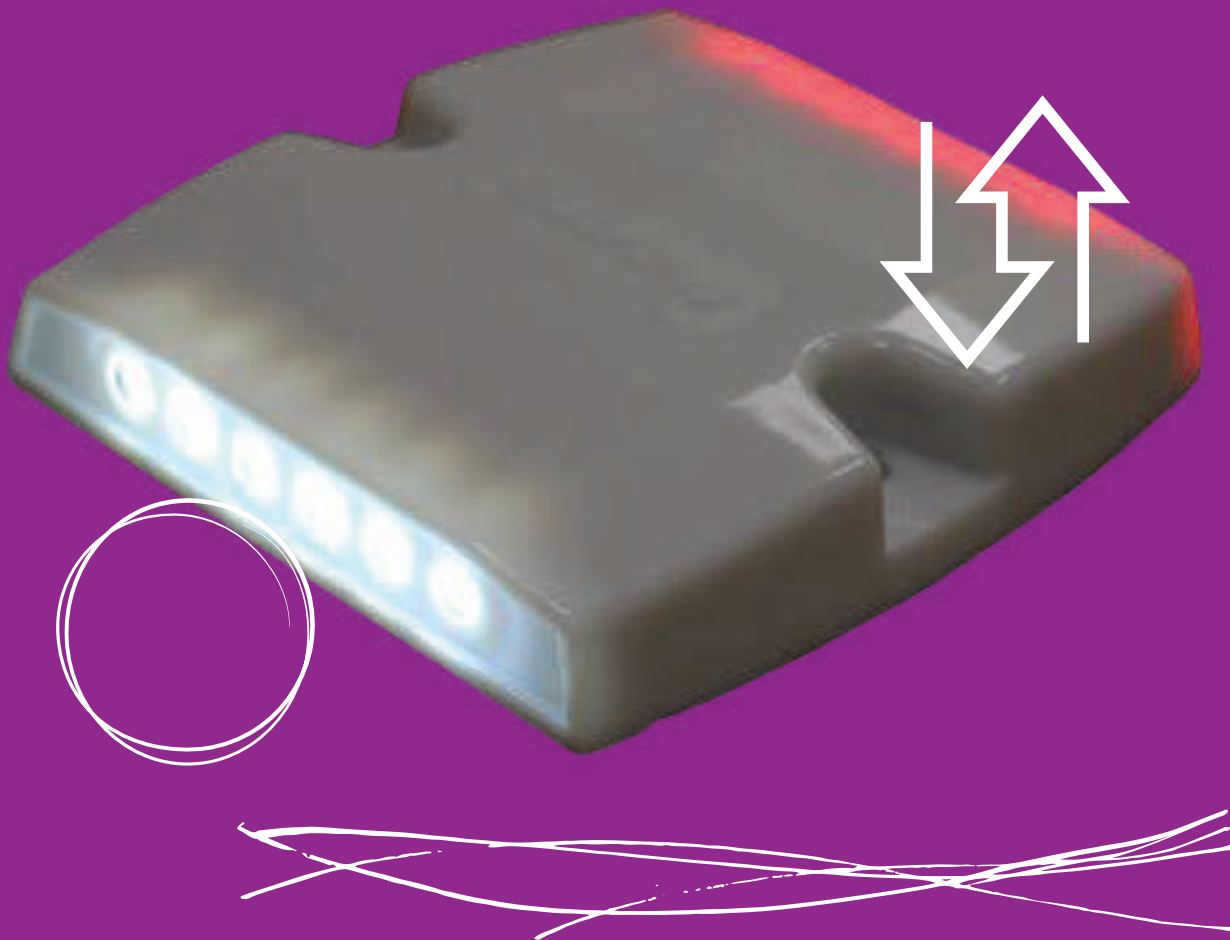
LED Traffic Signs (Constant and Variable Traffic Signs - VTS): Metal or aluminium housings with IP 65 protection class, LEDs that meets EN 12368 and EN 12966 standards.

LED Variable Message Signs (VMS): Metal or aluminium housings with IP 65 protection class,

LEDs that meets EN 12368 and EN 12966 standards. VMSs can be controlled at site (with PC or notebook) or remote controlled (centrals) by fiberoptics or GPRS or ADSL.

LED Speed Warning Systems (Doppler Radar Displays): Metal or aluminium housings with IP 65 protection class, LEDs that meets EN 12368 and EN 12966 standards. Customized sizes or LED colors related to Highways or Municipalities can be designed.





85 x 85 cm URBAN SPEED WARNING SYSTEM WITH DOPPLER RADAR

LD-02-03-200

Size	850 x 850 x 55 mm Housing
Weight	14 kg.
LED	5 mm/Red, Green, White
Radar Type	Doppler Radar
Housing Type	Aluminium
Brightness Level	Automatically (LDR)
Speed Measurement Distance (Max)	200 m
Energy	220 V AC / Solar Powered (Optional)



140 x 55 cm URBAN SPEED WARNING SYSTEM WITH DOPPLER RADAR

LD-02-03-360

Size	1400 x 550 x 55 mm
Weight	25 kg
LED	5 mm / Red, Green
Brightness Level	Automatically according to the environment
Speed Measurement Distance (Max)	200 m
Radar Type	Doppler Radar
Technical Details	In accordance with EN 12368 standard. Speed display and visual warning on graphical display with Red and Green LEDs.
Housing Type	Aluminium
Energy	220 V AC / Solar Powered (Optional)



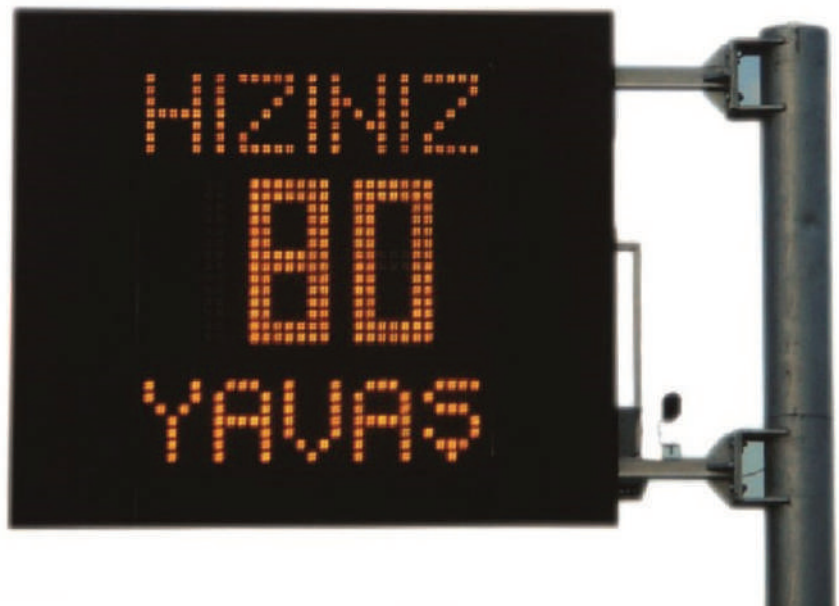
160 x 160 cm LED RADAR (SPEED WARNING SYSTEM) LD-02-02-150

Size	1600 x 1600 x 170 mm
Weight	90 kg
LED	5 mm, amber color
Brightness Level	Automatic (LDR)
Energy	220 V AC / Solar power (optional)



240 x 200 cm SPEED WARNING SYSTEM WITH DOPPLER RADAR LD-02-01-100

Size	2400 x 2000 x 200 mm (Housing)
Weight	160 kg
LED	5mm, Yellow
Energy	220 V AC / Solar Powered (Optional)
Brightness Level	Automatically (LDR)
Speed measurement Distance	200 m



SPEED VIOLATION DETECTION WITH PLATE RECOGNITION

LD-02-05-100



Dimensions
Weight
LED
Brightness
Camera
Speed Detection
Violation Transfer
Interface
Speed Detection Range
Energy
Pole
Software

1390 x 1010 x 55 mm
30 kg
5mm (Red, Green, White)
Dynamic Contrast
8 MP Progressive Scan CMOS
Unit Microwave Radar
USB, Wifi
Excel
10-250 km/h
220V AC
2 pcs (For Camera & Display)
License Plate Recognition System
Software



MOBILE SPEED WARNING SYSTEM

LD-02-05-001



Size
Tripod Height
Weight
Housing Type
Housing Color
LED
Power Consumption
Speed Measurement
Distance (Max)
Radar Type
Brightness Level
Battery

540 x 470 x 100 mm
2-3 m
7,75 kg / Tripod; 4,50 kg
Aluminum
Black
5 mm / Red, Green
20 Watt
200 m
Doppler Radar
Automatic Based on
Environment
12 V Lion (Rechargeable)



60 x 60 cm MAXIMUM SPEED LED SIGN LD-01-02-100

Ölçü Size	600 x 600 x 80 mm (housing)
Weight	22.50 kg
LED	5 mm, red, white
Energy	220 V AC
IP Class	IP 65
Brightness Level	Automatically according to environment



60 x 60 cm GAUGE-HEIGHT LED SIGN LD-01-02-150

Size	600 x 600 x 80 mm (Housing)
Weight	22.50 kg
LED	5 mm, red, white
Energy	220 V AC
Optional	RF Remote control
Brightness Level	Automatically according to the environment
IP Class	IP 65



60 x 60 cm ATTENTION-SLOW LED SIGN LD-01-02-200

Size	600 x 600 x 80 mm (housing)
Weight	22.50 kg
LED	5 mm / Red, White
Energy	220 V AC
IP Class	IP 65



100 cm MAX. SPEED LIMITATION LED SIGN

LD-01-01-100

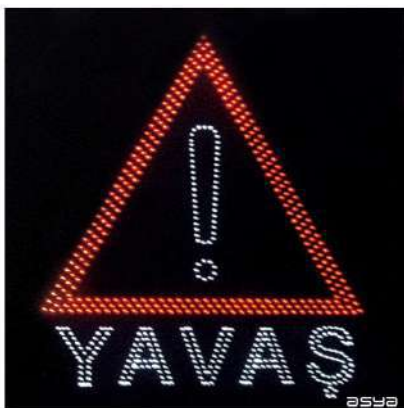
Size	1000 x 1000 x 110 mm (Housing)
Weight	46.50 kg
LED	5 mm, red, white
Energy	220 V AC
Optional	RF Remote Controller
Speed Options	30-40-60 or 30-50-70
Brightness level	Automatically according to the environment
IP Class	IP 65



100 x 100 cm GAUGE-HEIGHT LED SIGN

LD-01-01-150

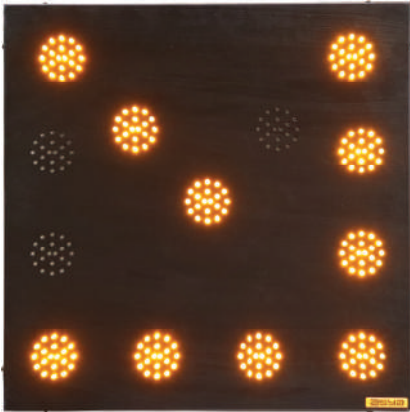
Size	1000 x 1000 mm (Housing)
Weight	46.50 kg
LED	5 mm, red, white
Energy	220 V
Optional	RF Remote Controller
Height Options	3.60 – 4.60
Brightness Level	Automatically according to the environment
IP Class	IP 65



ATTENTION - SLOW LED SIGN

LD-01-01-200

Size	1000 x 1000 x 110 mm (Housing)
Weight	46.50 kg
LED	5 mm / Red, White
Energy	220 V AC
Brightness Level	Automatically according to the environment
IP Class	IP 65



COMPULSIVE WAY (LEFT – RIGHT) LED SIGN

LD-01-03-300

Size	690 x 690 x 40 mm (Housing)
Weight	22 kg
LED	5 mm, Yellow
Energy	12-24 V
Options	Right arrow flasher, left arrow flasher
Fixation	With truck mounting equipments
IP Class	IP 65



LANE CONTROL SYSTEM (LCS)

LD-01-01-250

Size	1000 x 1000 x 110 mm (Housing)
Weight	46.50 kg
LED	5 mm, red, green
Energy	220 V AC
Optional	RF Remote controller
Brightness Level	Automatically according to the environment
IP Class	IP 65



SCHOOL - PEDESTRIAN CROSSING LED SIGN

School: LD-01-04-100

Pedestrian: LD-01-04-150

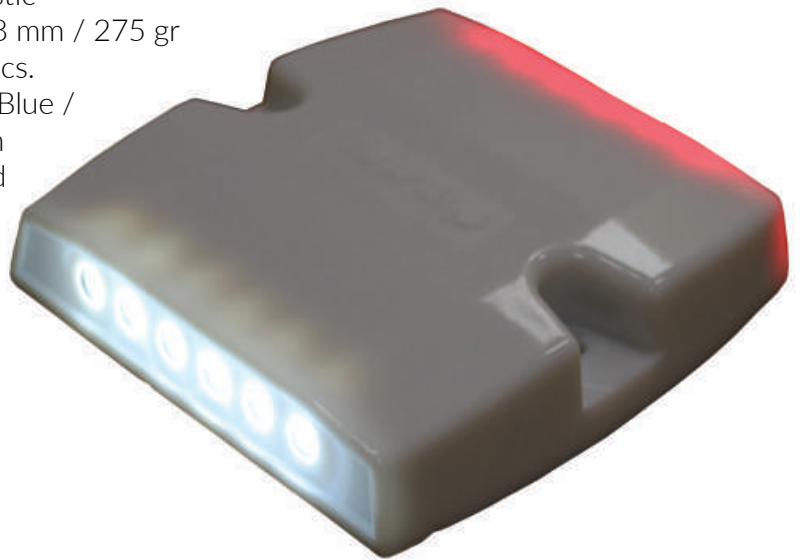


Size	650 x 650 x 80 mm (Housing)
Weight	27.80 kg
LED	5 mm, red, yellow
Energy	220 V AC
IP Class	IP 65

ELECTRICAL LED ROAD STUD (TUNNEL STUD)

LD-04-01-110

Material	PC or ASA Plastic
Size / Weight	100 x 105 x 18 mm / 275 gr
LED Type / Number of LEDs	5 mm / 2 x 6 pcs.
LED Colors	Red / White / Blue / Amber / Green
Luminous Intensity	Min 5.000 mcd
Protection Class	IP 68
Operating Voltage	DC 24 V



LED ROAD STUD CONTROLLER

LD-04-01-203

Size	15 x 35 x 50 cm
IP Class	IP 66
Operating Mode	Always ON – Flash – Sequential for each side
Max. Number of Buttons	50 – 100 (According to the Project)
Input Voltage	220 V AC
Output Voltage	24 V DC
Output Terminals	4
Control Modes	With LCD Screen inside the cabinet or with SCADA





COMBINED FIRE EXTINGUISHER AND SOS SIGN FOR TUNNELS

LD-05-02-100

Housing Material /Color	DKP Metal / Electrostatic Black Paint
Dimensions	710 x 300 x 125 mm
Weight	8.50 kg
LED Specs	High performance White Power LEDs
Reflective Class	High Performance Prismatic Type 4
Surface Material	3 mm Plexiglass
Operating Voltage	220 V AC / 50 Hz.
Power Supply	12 V SMPS
Cover Lock	Structure with latch
Max. Power Consumption	20 W



FIRE EXTINGUISHER SIGN FOR TUNNELS

LD-05-03-100

Housing Material / Color	DKP Metal / Electrostatic Black Paint
Dimensions	365 x 300 x 125 mm
Weight	5 kg
LED Specs	High performance White Power LEDs
Reflective Class	High Performance Prismatic Type 4
Surface Material	3 mm Plexiglass
Operating Voltage	220 V AC / 50 Hz
Power Supply	12 V SMPS
Cover Lock	Structure with latch
Max. Power Consumption	Max. Power Consumption: 15 W



LED SURFACE ILLUMINATED EMERGENCY EXIT TUNNEL SIGN

LD-05-01-100

Housing Dimensions	505 x 885 x 180 mm
Surface Size	440 x 400 mm
Weight	8 kg
Housing Material	Aluminium
LED Type	White Power LED
Max. Power Consumption	25 W
Reflective Class	High Performance Prismatic Type 4
Surface Material	3 mm Plexiglass
Operating Voltage	220 V AC / 50 Hz
Power Supply	12 V SMPS
Cover Lock	Structure with latch

EMBEDDED ALUMINIUM HARD-WIRED LED ROAD STUD

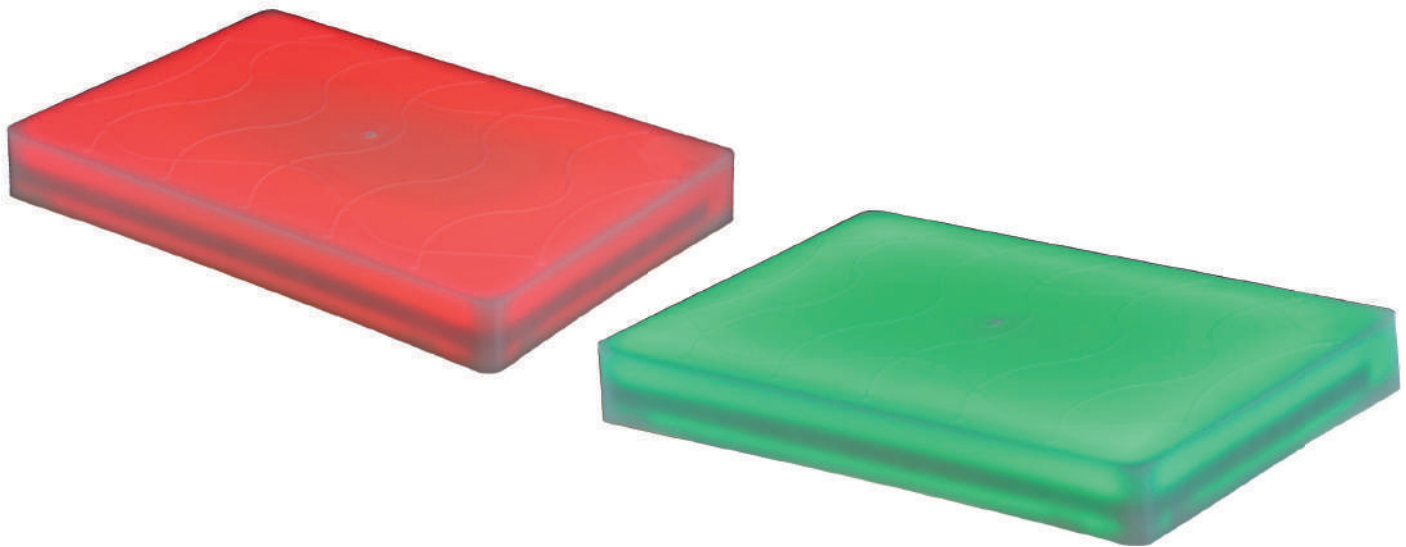
LD-04-01-900



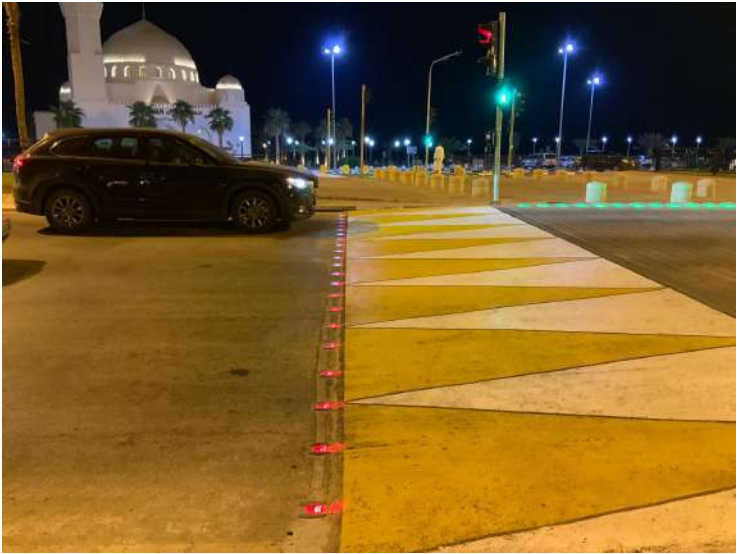
Size	120 x 118 x 71 mm
Weight	0.8 kg
Body Material	Aluminium
LED	5 mm / Red, Green
Number of LEDs	3 pcs Red, 3 pcs Green (Total 6 pieces on every direction)
Operating Voltage	24 V DC
Fixation	Holes are opened on the road and placed in the slot and glued with adhesive

CROSSING PAVEMENT LIGHT (FOR PEDESTRIAN)

SN-15-050



Size	300 x 200 x 35 mm
Weight	2.4 kg
Operating Voltage	24 V DC
Material (Body)	Polycarbonate
LED	Red and Green LED Strip
Protection	Resin-casting
Mounting	Holes are opened on the pavement and placed in it and glued with its adhesive



PLASTIC, RUBBER, METAL ROAD SAFETY PRODUCTS

Plastra products are manufactured according to the traffic and road safety standards.

Plastra products are used in 81 cities in Turkey and used in more than 80 countries around the world.

Rubber Speed Bumps: 1st class rubber material, long life high performance yellow reflective tapes.

Traffic Cones: PVC material, normal or high performance reflectives.

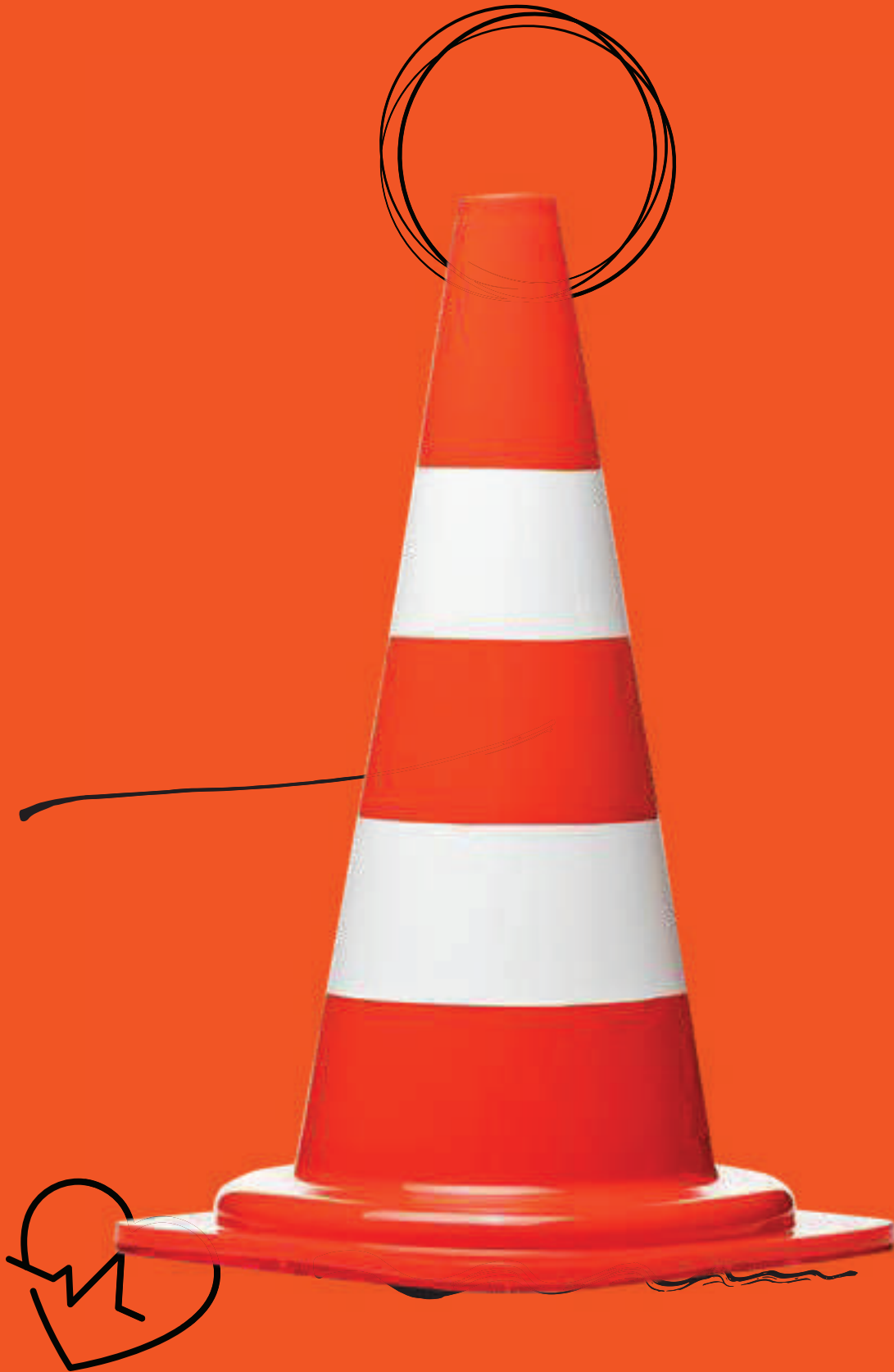
Aluminium Road Studs: Resistant to heavy road traffic pure aluminium body.

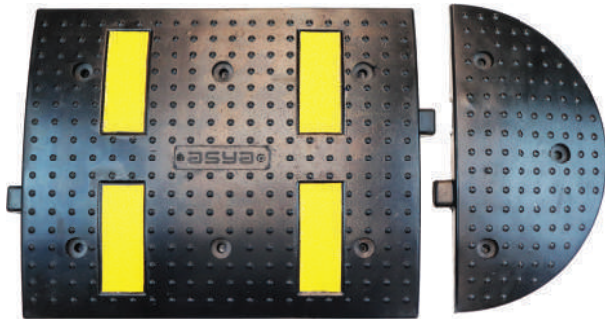
Delineators: %100 TPU material, flexible, normal or high performance reflectives.

Warning Posts: PPC material, rubber or plastic bases, normal or high performance reflectives

Parking Products: Corner protectors, traffic mirrors, car stoppers etc.





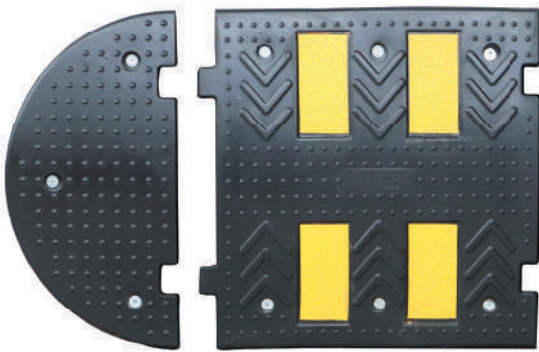


RUBBER SPEED BUMP

50 x 40 x 4.5 cm

PL-01-100

Body Size	500 x 400 x 45 mm
Header Size	400 x 200 x 45 mm
Material	Rubber
Color Options	Black
Weight Body	7 kg
Header	2 kg
Tech. Details	4x reflective yellow road tape
Fixation	10 x 120 mm Trifon screw, 16 mm plastic fixing plug



RUBBER SPEED BUMP

50 x 50 x 4.5 cm

PL-01-200

Body Size	500 x 465 x 45 mm
Header Size	500 x 250 x 45 mm
Material	Rubber
Color Options	Black
Weight Body	9 kg / Header: 2.80 kg
Tech. Details	4 x reflective yellow road tape
Fixation	10 x 120 mm Trifon screw, 16 mm Plastic fixing plug



RUBBER SPEED BUMP

50 x 60 x 4.5 cm

PL-01-300

Body Size	600 x 470 x 45 mm
Header Size	600 x 300 x 45 mm
Material	Rubber
Color Options	Black
Weight Body	10.50 kg
Header	4 kg
Tech. Details	4/6 x reflective yellow road tape
Fixation	10 x 120 mm Trifon screw, 16 mm Plastic fixing plug

RUBBER SPEED BUMP (ECO) 50 x 40 cm

PL-01-110



Body Size	500 x 400 x 45 mm
Header Size	400 x 200 x 45 mm
Material Type	Rubber
Color Options	Black
Weight: Body	5.50 kg / Header 2.55 kg
Technical Details	2x yellow rubber tape
Fixation	10 x 100 mm Trifon screw, 16 mm plastic fixing plug

RUBBER SPEED BUMP (ECO) 50 x 50 cm

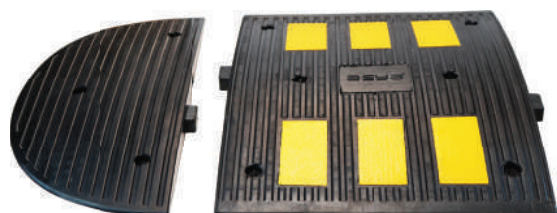
PL-01-210



Body Size	500 x 500 x 40 mm
Header Size	500 x 250 x 40 mm
Material Type	Rubber
Color Options	Black
Weight Body	6.75 kg / Header 2.35 kg
Technical Details	4x yellow rubber tape
Fixation	10 x 100 mm Trifon screw, 16 mm plastic fixing plug

RUBBER SPEED BUMP (ECO) 50 x 60 cm

PL-01-310



Body Size	500 x 600 x 45 mm
Header Size	600 x 300 x 45 mm
Body Weight	8.25 Kg
Header Weight	3.00 Kg
Material	Rubber
Color Options	Black
Tech. Details	6x Reflective Yellow Road Tape
Fixation	10 x 100 mm Trifon screw and 16 mm Plastic fixing plug



RUBBER SPEED BUMP 90 x 50 cm

PL-01-800

PL-01-801

Body Size	500 x 900 mm
Header Size	500 x 250 mm
Material Type	Rubber
Color Options	Black
Technical details	8x yellow rubber tape
Fixation	10 x 120 mm trifon screw, 16 mm plastic fixing plug

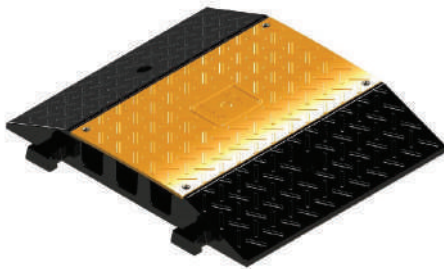


TYRE KILLER

PE 50 12290 UB

PE 50 12291 UB K

Header Size	500 x 500 x 60 mm
Body	90 x 500 x 60 mm
Weight	7,3 kg
Material	Metal / PPC
Fixation	6 pcs trifon screw and plastic fixing plug



CABLE DUCT SPEED BUMP

PE-50-12298 UB

PE-50-12299 UB

Body Size	500 x 600 x 75 mm
Corner Size	500 x 600 x 75 mm
Weight	8.7 kg / Corner3 kg
Material	PPC
Fixation	2 pcs 10 x 100 mm trifon screw, 16 mm plastic fixing plug
Other Features	5 cm, There are 3 cable ducts





CARPARK CORNER GUARD

PL-07-300

Dimensions	90 x 115 x 810 mm
Weight	1.4 kg
Material type	PVC
Color Options	Black, optional any colour
Technical details	High performance reflective sheet
Installation	6 pcs 4 x 50 mm screws, pegs, washers



RUBBER CAR PARK CORNER GUARD (ECO-CORNERED)

PL-07-310

Size	800 x 100 x 100 mm
Weight	1.6 kg
Technical Details	4 Pcs High Reflective Sheet
Material	Rubber
Fixation	6 Pcs buldex screw and nail



OVAL RUBBER CAR PARK CORNER GUARD (ECO)

PL-07-320

Size	800 x 100 x 100 mm
Weight	2.75 Kg
Technical Details	4 Pcs High Reflective Sheet
Material	Rubber
Fixation	6 Pcs buldex screw and nail



DELINATOR 30 x 8 cm (ECO)

PL-03-100

Dimension	300 x 80 mm
Base Diameter	200 mm
Weight	0.67 kg (±5%)
Material	TPU
Color	Orange, other colors are optional
Reflective	Metallized
Technical Details	Flexible, unbreakable
Fixation	10 x 100 mm trifen screw and 16 mm plastic fixing plug



DELINATOR 45 x 8 cm (ECO)

PL-03-200

Size	450 x 80 mm
Base Diameter	200 mm
Weight	0.90 kg
Reflective	Metalized
Material	TPU
Color	Orange, other colors are optional
Technical Details	Flexible, unbreakable
Fixation	10 x 100 mm Trifen screw, 16 mm Plastic Fixing Plug



DELINATOR 75 x 8 cm

PL-03-400

Size	750 x 80 mm
Base Diameter	1.20 kg
Material	TPU
Reflective Material	High Performance, Class 3 (circular and rectangular) Reflective Sheet
Color Options	Orange, other colors are optional
Fixation	10 x 100 mm Trifen screw, 16 mm Plastic Fixing Plug



DELINEATOR 75 x 8 cm (ECO)

PM-70-2076

Dimension	750 x 80 mm
Base Diameter	210 mm
Weight	0.90 kg (±5%)
Material	Compound
Color	Orange
Reflective	3 pieces Metallized Reflective
Technical Details	Flexible, unbreakable
Fixation	10 x 100 mm trifen screw and 16 mm plastic fixing plug



DELINEATOR 100 x 8 cm (ECO)

PL-03-850

Size	1000 x 80 mm
Base Diameter	200 mm
Weight	1.50 kg
Reflective	Metalized
Material	TPU
Color	Orange, other colors are optional
Technical Details	Flexible, unbreakable
Fixation	10 x 100 mm Trifen screw, 16 mm Plastic Fixing Plug



FLEXIBLE DELINEATOR SIGNBOARD

PL-03-700

Size	550 x 215 mm
Base Diameter	1.15 kg
Material	TPU
Reflective Material	High Performance, Class 3 (circular and rectangular) Reflective Sheet
Color Options	Black, optional other colors
Fixation	On 300 x 80 mm, 450 x 80 mm or 750 x 80 mm Traffic Delineator by screwing



PLASTIC ROUND TRAFFIC POST WITH PLASTIC BASE (ECO)

PL-06-201

Size	120 x 1200 mm
Weight	9.50 Kg
Material Type	PP+PE
Reflective Quantity	3 pieces
Base Diameter	400 mm
Base Details	Plastic Base
Technical Specifications	Warning signs, flashers, etc. can be attached using the upper grooved section.



PLASTIC ROUND TRAFFIC POST WITH PLASTIC BASE (ECO)

PM-70-4125

Size	70 x 1000 mm
Weight	4.30 kg
Material	PP+PE
Reflective Tape	4 pieces
Base Diameter	350 mm
Base Details	Plastic Base



PLASTIC ROUND TRAFFIC POST WITH PLASTIC BASE (ECO)

PL-06-202

Size	70 x 1000 mm
Weight	4.30 kg
Material	PP+PE
Reflective Tape	4 pieces
Base Diameter	350 mm
Base Details	Plastic Base



PLASTIC ROUND TRAFFIC POST WITH PLASTIC BASE

PL-06-200

Size	110 x 1200 mm
Material	PPC (post) and PP (base)
Weigth	8.3 kg (1.4 kg / 6.9 kg)
Fixation	Portable or optional with screw and nails
Color Options	Orange, Red and optional
Reflective Material	3 pieces, optional up to 6 pieces



PLASTIC ROUND TRAFFIC POST WITH RUBBER BASE

PL-06-100

Size	110 x 1200 mm
Material	PPC ve Rubber
Weight	8.3 kg (1.4 kg / 6.9 kg)
Mounting Shape	Portable or optional screw-dubel
Color Options	Orange, Red, other optional colors
Reflective Material	3, optional up to 6



WARNING BARRIER WITH POSTS

PL-06-300

Size	1800 x 1200 mm
Weight	19 kg (Plastic base) / 21 kg (Rubber base)
Reflective	Normal Performance
Color Options	Red, Orange, Optional
Technical Details	Portable, 2 pcs post and 1 pcs reflective sign



PVC TRAFFIC CONE 50 cm DOUBLE REFLECTIVE 6 CORNERS

PL-02-156

Height	500 mm
Base Size	330 mm
Weight	1200 g
Product Type	PVC
Base Specification	6 Corners
Color Options	Orange
Technical Specifications	With Hook, Double Reflective Type



PVC TRAFFIC CONE 75 cm WITH BASE (ECO)

PL-02-356

PL-02-355 (With Base)

Height	750 mm
Base Size	490 mm
Weight	5400 gr
Material Type	PVC
Base Specification	4 edges
Color Options	Orange
Other Details	Handling hook, 2 pieces reflective material.

PVC TRAFFIC CONE (ECO) 90 cm DOUBLE REFLECTIVE

PL-02-401



Height	900 mm
Weight	3.3 kg
Base Type	4 edges
Base Edge Size	380 x 380 mm
Material	PVC
Color Options	Orange
Technical Detail	Handling hook



ULTRA CAT EYES CONE

PE-50-12351TKA

Size	600 mm
Base Size	370 mm (4 Edge)
Material	PPC
Color Options	Red, Yellow, Blue, Green
Technical Detail	Accessorize Applicable
Product Types and Codes	PE-50-12351 600 mm / 1.35 kg



6 EDGES TRAFFIC CONE (ECO)

PE-50-12302TK

Size	500 mm
Base Size	350 mm (6 Edge)
Material	PPC
Color Options	Red
Technical Detail	With handling hook



PEDESTRIAN CHANNELIZERS

PE-50-12205

Size	500 mm
Base Size	250 mm
Material	PE
Color Options	Anthracite, Blue
Weight	1.50 kg



RUBBER PARKING CAR STOPPER

PL-07-100

Size	740 x 150 x 100 mm
Material	Rubber
Weight	6.50 kg
Color Options	Black
Reflector	4xReflective Yellow Road Tape
Fixation	10 x 150 mm Trifon screw, 16 mm Plastic screw



PARKING CAR STOPPER (PIPE TYPE)

PL-07-150

Length	1800 mm
Height	120 mm
Flange	Diameter 180 mm / Thickness 2.5 mm
Pipe	Diameter 60 mm / Thickness 2 mm
Paint	Black, Electrostatic paint with yellow reflective sheets
Installation	10 x 120 mm screw and 16 mm plastic plug



PARKING CAR STOPPER 180 cm

PL-07-110

Size	1830 x 150 x 100 mm
Weight	17.5 Kg (2 Pcs)
Technical Details	8 Pcs Reflective Tape with Glass Beads
Reflective	Yellow/White
Material	Rubber
Fixation	6 Pcs (10 x 150 mm Trifon Screw, 16 mm Plastic Screw)

RUBBER ROAD SEPERATOR

PL-01-500



Height	600 mm
Weight	3.1 kg
Material type	2 mm iron
Color Options	Yellow, Red, Black
Paint	Electrostatic paint
Technical Details	Locked, with key, with reflective
Installation	10 X 100 mm trifon screw and 16 mm plastic plug

RUBBER CAR STOPPER (WITH RUBBER MECHANISM POLE)

PL-01-562



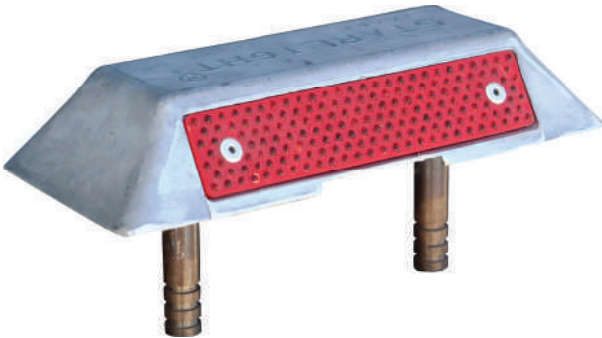
Stopper Size	1800 x 200 x 150 mm
Pole Size	920 x 60 mm
Pole Reflective	3 pcs, high performance reflector
Road Stud Size	100 x 100 mm
Road Stud Reflective	2 pcs Prismatic Reflective
Weight	44 Kg
Material	Rubber Stopper, Plastic Pole
Fixation	3 pcs (10 x 150 mm Trifon Screw, Bolt 16)

PLASTIC ROAD SEPERATOR WITH 75 CM DELINEATOR

PL-05-400



Size	1000 x 200 x 80 mm
Total Weight	3.9 kg
Delineator Weight	0.9 kg
Base Weight	3 kg
Material	PPC Base – TPU Delineator
Delineator Size	750 x 80 mm
Reflective	3 pcs Metallized Reflective Band
Delineator Color	Orange
Base Color	Yellow
Fixation	4 pcs 10 x 120 mm Trifon screw and plastic plug



ALUMINIUM ROAD STUD WITH DOUBLE RODS

PL-04-400

Size	220 x 100 x 40 mm
Material	Al
Weight	0.94 kg
Reflector	2 x 171 pcs glass beads
Compression Resistance	35 tons
Fixation	14 x 65 mm 2 rods



ALUMINIUM ROAD STUD WITH ROD

PL-04-200

Size	100 x 100 x 20 mm
Material	Al
Weight	0.32 kg
Reflector	2 x 43 pcs glass beads
Compression Resistance	25 tons
Fixation	25 x 50 mm rod



ALUMINIUM ROAD STUD WITH ROD (GLASS BEADS)

PE-50-12011-YB

Body	21 x 100 x 100 mm
Weight	0.40 kg
Material	Al
Fixation	2 x 5 cm anchorage with epoxy cement
Reflector	3 + 3 Cat eye

PLASTIC OVAL ROAD STUD WITH GLASS BEADS

PL-05-600



Size	220 x 120 x 28 mm
Material	PPC
Weight	0.23 kg
Color Options	Yellow, other colors are optional
Reflective	6 x 7 pcs Glass Beads (Red or White)
Compression Resistance	35 tons
Fixation	with 4 pcs 7.5 x 80 mm buldex screw and nail

PLASTIC MINI ROAD STUD WITH GLASS BEADS

PL-05-500



Size	128 x 88 x 30 mm
Material	PPC
Weight	0.135 kg
Color options	Yellow, other colors are optional
Reflector	4 x 7 pcs glass bead (Red or White)
Compression Resistance	35 tons
Fixation	with 4 pcs 7.5 x 80 mm buldex screw and nail

METAL ROAD STUD

PL-04-100



Size	120 x 120 x 28 mm
Material	Al
Weight	0.4 kg
Color Options	Grey
Lens	2x2 pcs 10 mm Red / White
Fixation	Screw and Plug
Compression Resistance	35 tons



ADJUSTABLE METAL PARKING POLE

PL-07-500

Product code	PL-07-500
Height	600 mm
Weight	3.1 kg
Material type	2 mm iron
Color Options	Yellow, Red, Black
Paint	Electrostatic paint
Technical Details	Locked, with key, with reflective
Installation	10 X 100 mm triton screw and 16 mm plastic plug



METAL DELINEATOR 45 x 8.9 cm

PL-07-600

Size	450 x 89 mm
Base Diameter	170 mm
Weight	3 kg
Paint	Electrostatic paint
Color	Black
Reflective	1 pcs Metalized Reflective Tape
Fixation	10 x 100 mm Triton screw and 16 mm Plastic plug



TRAFFIC SAFETY MIRROR

PL-07-350

Material	ABS
Color Options	Yellow-Black, White-Red
Technical Details	Acrylic Mirror
Fixation	8 Special apparatus between 50 and 75 fixed to pole Fixation to wall with screw and nail

PRIVATE PARKING SPACE WITH REMOTE CONTROL (WITH MOBILE APPLICATION)

PL-12-001



Open Height
Closed Height
Base Size
Weight
Material Type
Color Options
Operating Voltage
Control Distance
Other Details

60 cm
10 cm
40 x 50 cm
8 kg
Metal
Yellow – Black
12V
50 meters
It can be controlled by remote control and Android mobile software. It makes an audible warning during opening and closing. It is a rechargeable portable product.

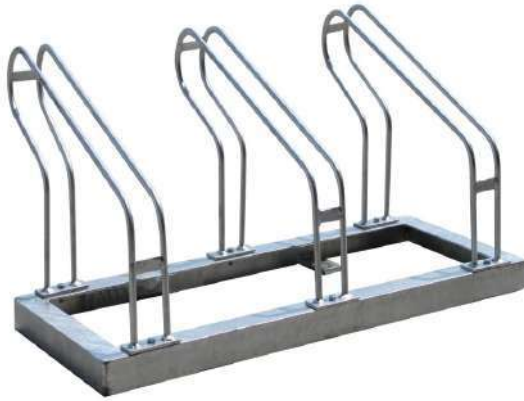
PRIVATE PARKING SPACE WITH REMOTE CONTROL (WITH MOBILE APPLICATION)

PL-12-002



Open Height
Closed Height
Base Size
Weight
Material Type
Color Options
Operating Voltage
Control Distance
Other Details

60 cm
10 cm
40 x 50 cm
8 kg
Metal
Blue - Black
12V
50 meters
It can be controlled by remote control and Android mobile software. It makes an audible warning during opening and closing. It is a rechargeable portable product.



BICYCLE PARKING PLACES (3 PARKING)

PL-07-200

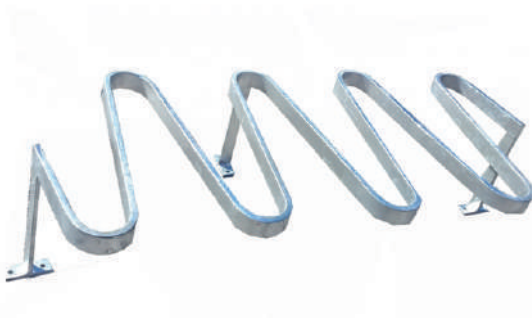
Dimensions	40 x 120 x 43 cm
Weight	16 kg
Material	40 x 40 brackets and 12 mm steel transmission
Protection	Hot-dip galvanized



BICYCLE PARKING PLACES (5 PARKING)

PL-07-250

Dimensions	40 x 180 x 43 cm
Weight	25 kg
Material	40 x 40 brackets and 12 mm steel transmission
Protection	Hot-dip galvanized



BICYCLE PARKING PLACES "Z TYPE"

PL-07-252

Dimensions	145 x 65 x 36,50 cm
Weight	37 kg
Material	5 cm Folded Galvanized Metal
Protection	Hot-dip galvanized
Parking Qty	8 parking places
Fixation	6 pcs steel screw



- PE 50 120 A** PLASTIC ROUND TRAFFIC SIGN
PE 50 111 PLASTIC TRIANGLE TRAFFIC SIGN
PE 50 110 A PLASTIC RECTANGULAR TRAFFIC SIGN
PE 50 196 A ULTRA PLASTIC ROUND TRAFFIC SIGN



Material	PPC	
Measures	Plastic Round Traffic Sign	Q28 cm
	Plastic Triangle Traffic Sign	H39 cm
	Plastic Rectangular Traffic Sign	35x41 cm
	Ultra Plastic Round Traffic Sign	Q38 cm



DELINEATOR CONNECTION APPARATUS PE 50 194 A

Material	PPC
Measures	8 cm



CONE CONNECTION APPARATUS PE 50 126 A

Material	PPC
Measures	10.5 cm



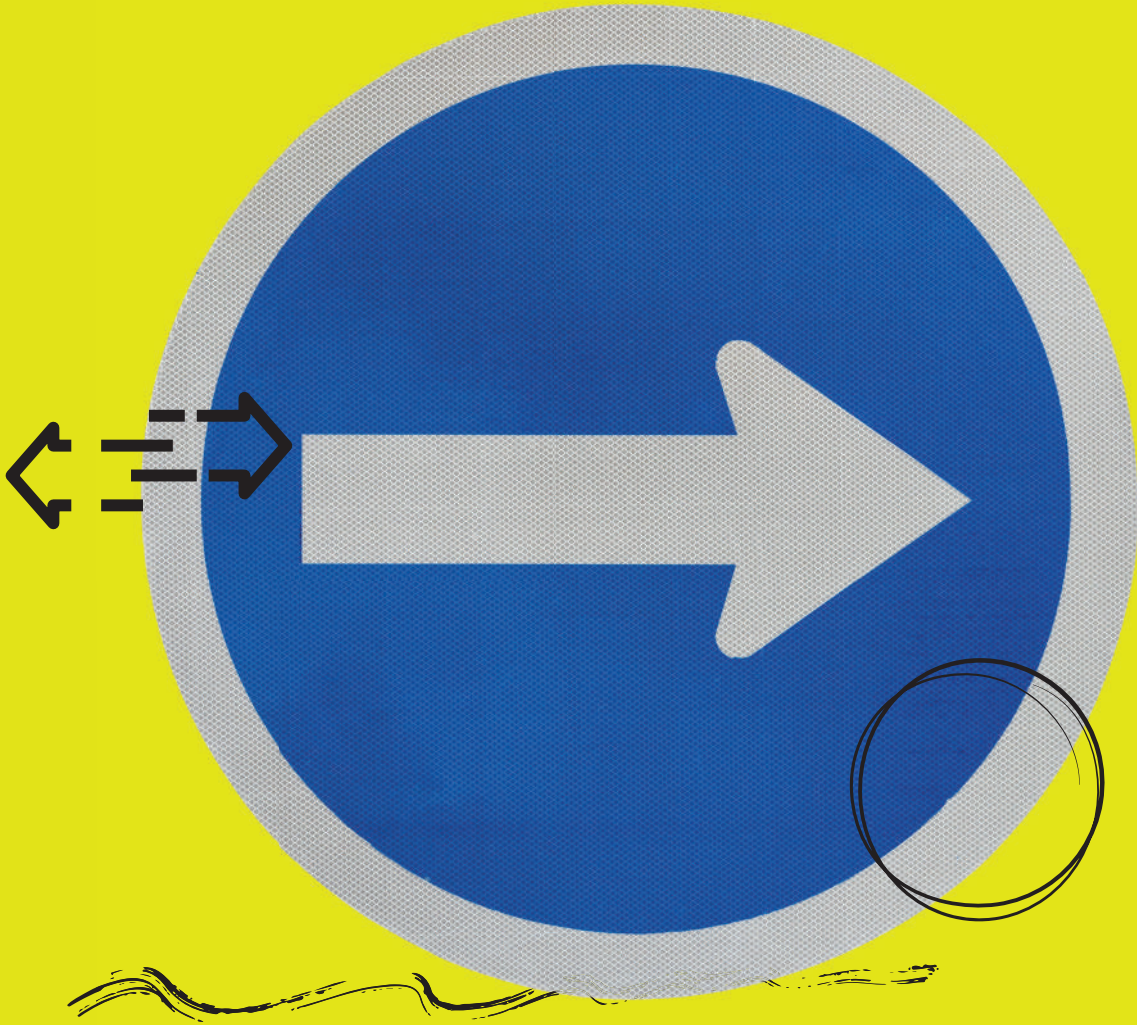
PLASTIC CHAIN PE 50 128 A

Material	PPC
Measures	25 m



PLASTIC CHAIN CONNECTOR PE 50 174 A

Material	PPC
Measures	4 cm



REFLECTIVE TRAFFIC SIGNS

Reflectra products are manufactured according to the traffic and road safety standards.

Reflectra products are used in **81** cities in Turkey and used in more than **80** countries around the world.

Reflective Traffic Signs: 2 mm galvanized iron (GI), Normal Performance (Type 1) or High Performance (Type 4) reflectives, Turkish Highway standards, suitable for omega poles.

Omega Poles: Customized length and thickness, galvanized steel, corrosion resistant, suitable for traffic signs.

Customized Traffic Signs: Different sizes (60 cm, 75 cm, 90 cm, etc.), folded or plain, with rail or without rail, lambri type or not, aluminium or galvanized iron.



NORMAL PERFORMANCE TRAFFIC SIGNS



NORMAL PERFORMANCE REFLECTIVE MATERIAL STRUCTURE

Sizes	Standard
Sign Board	2 mm Galvanised Metal Sheet
Reflective	(Type I) Engineering Grade
Fixation	Applicable to Omega Pole

Product Type and Codes

RF-01-01-0060	Circle Traffic Sign Board (60 cm)
RF-01-01-6060	Square Traffic Sign Board (60 × 60 cm)
RF-01-01-0U90	Triangle Traffic Sign Board (90 cm)
RF-01-01-0U75	Triangle Traffic Sign Board (75 cm)
RF-01-01-5075	Rectangle Traffic Sign Board (50 × 75 cm)
RF-01-01-0S60	Octangle Traffic Sign Board (60 cm)
RF-01-01-0S75	Octangle Traffic Sign Board (75 cm)
RF-01-01-30100	Rectangle Traffic Sign Board (30 × 100 cm)

HIGH PERFORMANCE TRAFFIC SIGNS



HIGH PERFORMANCE REFLECTIVE MATERIAL STRUCTURE

Sizes	Standard
Sign Board	2mm Galvanised Metal Sheet
Reflective	High-Intensity Grade (Type 4)
Fixation	Applicable to Omega Pole

Product Type and Code

RF-02-01-0060	Circle Traffic Sign Board (60 cm)
RF-02-01-6060	Square Traffic Sign Board (60 × 60 cm)
RF-02-01-0U90	Triangle Traffic Sign Board (90 cm)
RF-02-01-0U75	Triangle Traffic Sign Board (75 cm)
RF-02-01-5075	Rectangle Traffic Sign Board (50 × 75 cm)
RF-02-01-0S60	Octangle Traffic Sign Board (60 cm)
RF-02-01-0S75	Octangle Traffic Sign Board (75 cm)
RF-02-01-30100	Rectangle Traffic Sign Board (30 × 100 cm)



Q 60 cm PLASTIC ROUND TRAFFIC SIGN RF-20-021

Dimension	600 x 600 x 20 mm
Weight	1.75 Kg
Material	%100 PC (Polycarbonate)
Production Method	Plastic Injection
Color	Black (Resistant to UV rays)
Installation	Adaptable to omega poles or pipe type traffic poles
Traffic Sign Type	Folded and with rail



60 x 60 cm PLASTIC SQUARE TRAFFIC SIGN RF-20-011

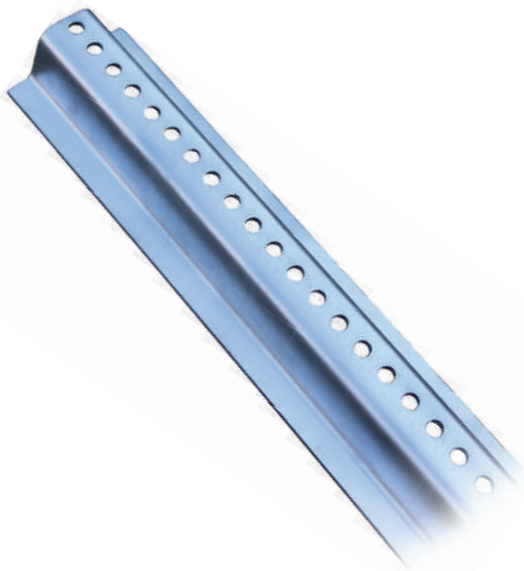
Dimension	600 x 600 x 20 mm
Weight	2.15 Kg
Material	%100 PC (Polycarbonate)
Production Method	Plastic Injection
Color	Black (Resistant to UV rays)
Installation	Adaptable to omega poles or pipe type traffic poles
Traffic Sign Type	Folded and with rail



90 x 90 x 90 cm PLASTIC TRIANGLE TRAFFIC SIGN RF-20-011

Dimension	900 x 900 x 900 x 20 mm
Weight	2.15 Kg
Material	%100 PC (Polycarbonate)
Production Method	Plastic Injection
Color	Black (Resistant to UV rays)
Installation	Adaptable to omega poles or pipe type traffic poles
Traffic Sign Type	Folded and with rail

OMEGA POLES

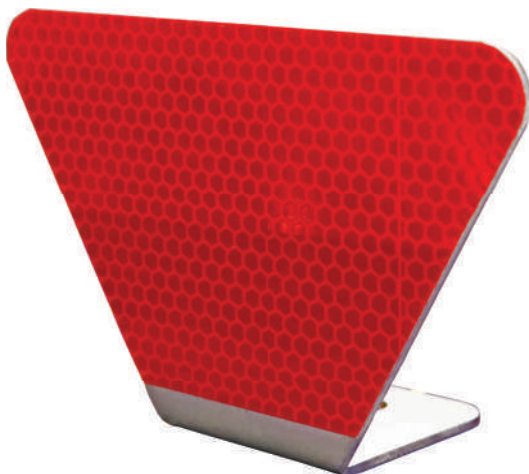


Material	Galvanised Omega Profile
Hole Diameter	10 mm (+/- % 10)
Hole Interspace	20 mm (+/- % 10)
RF-01-100	2,5 mt length – 3 mm diameter
RF-01-200	3 mt length – 3 mm diameter
RF-01-300	3 mt length – 4 mm diameter

CUSTOMIZED SIGNS



Any size
 Folded or unfolded
 Aluminium or galvanized bended or unbended sheet
 Panalled or plain type
 With railed or without



RAILGUARD REFLECTOR

RF-70-001

Size	140 x 95 x 50 mm
Mounting Place Size	50 x 50 mm
Sign Board	2 mm Galvanised Metal Sheet
Reflective	Prismatic Type-4 / White – Red Reflective
Weight	160 g

DOUBLE BENDED / FOLDED TRAFFIC SIGNS

Sizes	Standard
Signs	1,5 mm Bended and Railed Galvanized Sheet
Reflective Sheet	High Performance / Normal Performance
Fixation	Double Fixation Rails and suitable with clamps to the pipe type poles

Product Types and Codes

Normal Performance

RF-01-01-5075CB	Rectangle Traffic Sign (50 x 75 cm)
RF-01-01-6060CB	Square Traffic Sign (60 x 60 cm)
RF-01-01-0060CB	Circle Traffic Sign (60 cm)
RF-01-01-0S75CB	Octagonal Traffic Sign (75 cm)
RF-01-01-0U75CB	Triangle Traffic Sign (75 cm)

High Performance

RF-02-01-5075CB	Rectangle Traffic Sign (50 x 75 cm)
RF-02-01-6060CB	Square Traffic Sign (60 x 60 cm)
RF-02-01-0060CB	Circle Traffic Sign (60 cm)
RF-02-01-0S75CB	Octagonal Traffic Sign (75 cm)
RF-02-01-0U75CB	Triangle Traffic Sign (75 cm)



SINGLE BENDED / FOLDED TRAFFIC SIGNS

Solar Studs

Sizes	Standard
Signs	1,5 mm Bended and Railed Galvanized Sheet
Reflective Sheet	High Performance / Normal Performance
Fixation	Double Fixation Rails and suitable with clamps to the pipe type poles

Product Types and Codes

Normal Performance

RF-01-02-5075TB	Rectangle Traffic Sign (50 x 75 cm)
RF-01-02-6060TB	Square Traffic Sign (60 x 60 cm)
RF-01-02-0060TB	Circle Traffic Sign (60 cm)
RF-01-02-0S75TB	Octagonal Traffic Sign (75 cm)
RF-01-02-0U75TB	Triangle Traffic Sign (75 cm)

High Performance

RF-02-02-5075TB	Rectangle Traffic Sign (50 x 75 cm)
RF-02-02-6060TB	Square Traffic Sign (60 x 60 cm)
RF-02-02-0060TB	Circle Traffic Sign (60 cm)
RF-02-02-0S75TB	Octagonal Traffic Sign (75 cm)
RF-02-02-0U75TB	Triangle Traffic Sign (75 cm)





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