

D-Power LIGHT & SAFETY

THE D-POWER PRODUCTION IS BASICALLY DIVIDED IN THREE GROUPS OF PRODUCTS: ROAD WORK WARNING LIGHTS, SAFETY DEVICES FOR DANGEROUS AND FATAL POINTS ON THE ROADS AND BEACONS AND FLASHERS FOR PRIORITY VEHICLES. OUR RANGE OF PRODUCTS INCLUDES ALSO OUTDOOR LED LIGHTS SOLUTIONS, FROM LED STREETLIGHTS TO ADVERTISING SIGNS.

THE TECHNOLOGIES WE EMPLOYED REPRESENT THE STATE OF MOST ADVANCED TECHNIQUE IN THIS INDUSTRY. THIS IS CONFIRMED BY THE **OFFICIAL ACKNOWLEDGMENTS** FROM PART OF THE INSTITUTIONS. NEARLY THE TOTALITY OF OUR PRODUCTS IS CARRYING THE **CERTIFICATION IN THE HIGHEST CLASSES OF THE EUROPEAN STANDARD EN12352**, WHICH IS A GUARANTEE OF QUALITY, RELIABILITY AND SAFETY.

THE TECHNOLOGICAL DEVELOPMENT OF RECENT YEARS IN THE SEMICONDUCTOR INDUSTRY IT HAS ALLOWED US TO INCREASE THE RANGE OF **LED PRODUCTS RESULTING ADVANTAGES IN TERMS OF CONSUMPTION AND DURATION**. THE NEW LIMIT THAT WE HAVE ACHIEVED AND THAT REPRESENTED A REAL CHALLENGE AT THE BEGINNING, HAVE MADE POSSIBLE TO PROTECT THE ROAD WORK ZONE WORKERS AND AT THE SAME TIME TO ALERT THE DRIVERS ABOUT A POSSIBLE DANGER SITUATION USING RENEWABLE ENERGY.

THIS CATALOGUE IS A "SHORT FORM" VERSION. WE INVITE OUR CUSTOMERS TO VISIT REGULARLY OUR WEBSITE **WWW.D-POWER.COM** WHERE THEY WILL HAVE THE OPPORTUNITY TO BE UPDATED ABOUT THE LATEST NEWS OF OUR PRODUCTS.



THE COMPANY



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TRAFFIC CONTROL EQUIPMENT - WARNING AND SAFETY LIGHT DEVICES

SCOPE AND APPLICATIONS

THIS EUROPEAN STANDARD SPECIFIES THE REQUIREMENTS FOR INDIVIDUAL ELECTRICALLY OPERATED LIGHT DEVICES, CALLED WARNING LIGHTS, EMITTING A CONTINUOUS OR REGULAR INTERMITTENT LIGHT OF A SINGLE COLOUR WHICH, BY THEIR COLOUR AND POSITION ALONE, ARE USED TO WARN, INFORM OR GUIDE ROAD USERS.

IT SPECIFIES THE REQUIREMENTS FOR VISUAL, STRUCTURAL AND OPERATIONAL PERFORMANCE AND THE RELEVANT TEST METHODS TO BE USED.

THIS EUROPEAN STANDARD IS NOT APPLICABLE TO LIGHTING DEVICES, WHICH CONVEY MESSAGES BY ADDITIONAL MEANS (E.G. VARIABLE

MESSAGE SIGNS) OR WHICH CONVEY A MANDATORY INSTRUCTION (E.G. TRAFFIC SIGNALS) OR WHICH ARE COVERED BY VEHICLE LIGHTING REGULATIONS.

BELOW YOU WILL FIND A TABLE WITH THE MOST RELEVANT CLASSES OF THE NORM THAT COVERS MOST OF THE APPLICATIONS, PERMANENT OR TEMPORARY, USED IN THE EUROPEAN UNION.

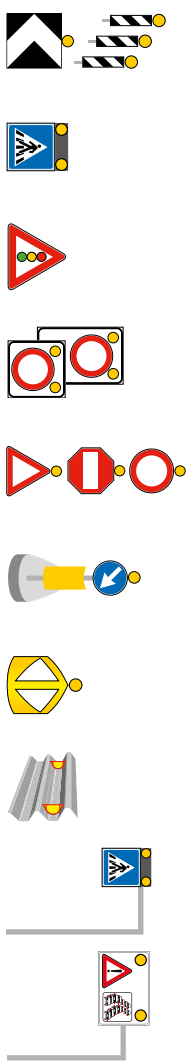
IN THE NEXT PAGE WE PRESENT A GUIDE THAT CAN HELP CHOOSING THE PROPER LED LIGHT IN DIFFERENT SITUATIONS.

THIS GUIDE IS NOT AN OFFICIAL TRANSPOSITION OF THE NORM BUT IT IS TO BE CONSIDERED A RECOMMENDATION BASED ON OUR EXPERIENCE AND THE OFFICIAL TRANSPOSITIONS OF SOME COUNTRIES OF THE EUROPEAN UNION.

LUMINOUS INTENSITY - RELEVANT CLASSES

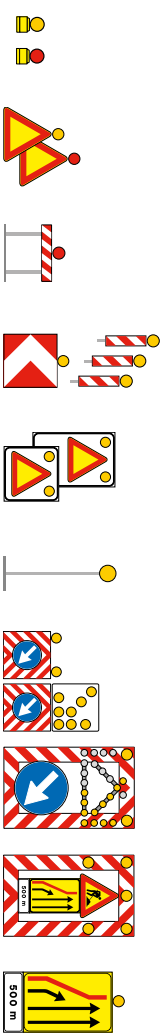
CLASS	AREA OF LIGHT EMITTING SURFACE [CM²]	MIN. DIAMETER OF LIGHT EMISSION [MM]	RANGE OF ANGLES		LUMINOUS INTENSITY (DAY)		LUMINOUS INTENSITY (NIGHT) DIM TO
			HORIZONTAL	VERTICAL	MIN. [CD]	MAX. [CD]	
L2H	≥18	48	+7° ... -7°	+5° ... -5°	150	1500	35 %
L6	≥2X250	178.5	+10° ... -10°	+5° ... -5°	10	100	35 %
L7	≥250	178.5	+10° ... -10°	+5° ... -5°	20	100	35 %
L8G	≥250	178.5	+7.5° ... -7.5°	+5° ... -5°	25	100	35 %
L8M	≥250	178.5	+7.5° ... -7.5°	+5° ... -5°	500	1500	35 %
L8H	≥250	178.5	+7.5° ... -7.5°	+5° ... -5°	1500	5000	35 %
L9M	≥700	298.6	+1.5° ... -1.5°	+1.5° ... -1.5°	2000	8000	35 %
L9H	≥700	298.6	+1.5° ... -1.5°	+1.5° ... -1.5°	20000	40000	35 %

FIXED APPLICATIONS



CLASS	L8M L8H	L2H L8M	L2H	L8M L8H	L2H L8M	L2H L8M	L2H L8M	L8M L8H	L8M L8H
URBAN ROADS 50	BASIC 200	BASIC 102 BASIC 201	BASIC 102	BASIC 201	BASIC 200	BASIC 200 BASIC 201		BASIC 200 BASIC 201	BASIC 201
CLASS	L8M L8H	L8M L8H	L8M L8H	L8M L8H	L8M L8H	L8M L8H	L2H L8H	L8M L8H	L8M L8H
SECONDARY ROADS 90 70	BASIC 200	BASIC 201	BASIC 201	BASIC 201	BASIC 200 BASIC 201	BASIC 200 BASIC 201	RGR	BASIC 200 BASIC 201	BASIC 201
LED LIGHT	BASIC 200	BASIC 201	BASIC 201	BASIC 201	BASIC 200 BASIC 201	BASIC 200 BASIC 201	RGR	BASIC 200 BASIC 201	BASIC 201
MAIN ROADS AND MOTORWAYS 130 110	L9M L9H			L9M L9H	L9M L9H	L9M L9H	L2H		L9M L9H
LED LIGHT	BASIC 302			BASIC 304	BASIC 302	BASIC 302	RGR		BASIC 304

TEMPORARY ROAD WORK ZONE APPLICATIONS



CLASS	L6 L7	L6 L7	L6 L7	L8H L8M	L8H L8M	L8H L8M	L8H L8M	L8H L8M	L8H L8M
URBAN ROADS 50	D-STAR	D-STAR	D-STAR	BASIC 210	BASIC 211		BASIC 211		
LED LIGHT	D-STAR	D-STAR	D-STAR	BASIC 210	BASIC 211		BASIC 211		
CLASS	L6 L7 L8G *	L6 L7 L8G/M *	L6 L7	L8H L8M	L8H L8M	L8H L8M	L8H L8M	2 X L9M 23 X L8H	2 X L9M 3 X L9H
SECONDARY ROADS 90 70	D-STAR	D-STAR	D-STAR	BASIC 210	BASIC 211	BASIC 210	BASIC 211	BASIC 304	BASIC 210 BASIC 211
LED LIGHT	D-STAR	D-STAR	D-STAR	BASIC 210	BASIC 211	BASIC 210	BASIC 211	BASIC 304	BASIC 210 BASIC 211
MAIN ROADS AND MOTORWAYS 130 110	L6 L7 L8G *	L6 L7 L8G/M *	L6 L7	L8H L8M	L8H L8M	L9M L9H	L8H L9M L9H	2 X L9M 23 X L8H	2 X L9M 3 X L9H
CLASS	L6 L7 L8G *	L6 L7 L8G/M *	L6 L7	L8H L8M	L8H L8M	L9M L9H	L8H L9M L9H	2 X L9M 23 X L8H	2 X L9M 3 X L9H
LED LIGHT	D-STAR	D-STAR	D-STAR	BASIC 210	BASIC 211	BASIC 302	BASIC 211 BASIC 304	BASIC 211 BASIC 304	BASIC 210 BASIC 211 BASIC 304

* ONLY YELLOW

LIGHTING AND SIGNALLING DESIGN OF PEDESTRIAN CROSSINGS

SCOPE AND APPLICATION

THIS TECHNICAL SPECIFICATION PROVIDES THE GUIDELINES TO CORRECTLY DESIGN THE LIGHTING OF PEDESTRIAN CROSSINGS ON MOTOR VEHICLE ROADS IN APPLICATION OF EN13201 AND UNI/TS 11726.

TERMS AND DEFINITIONS

WAITING AREA

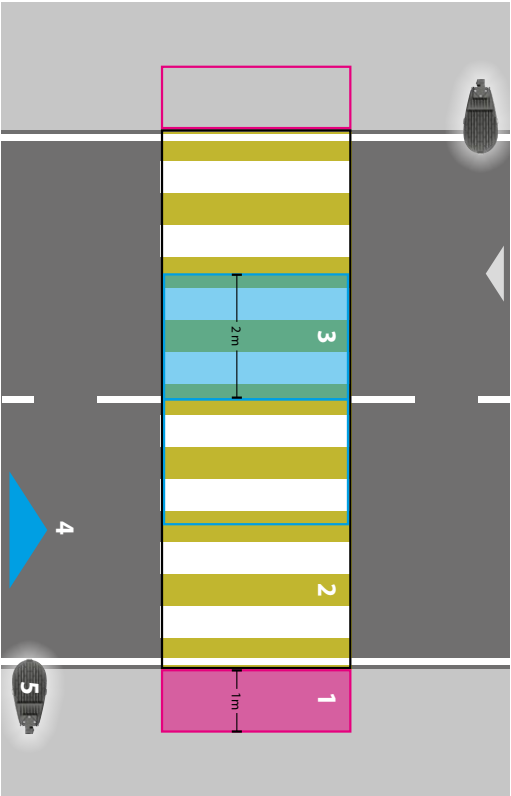
LIMITED AREA NEXT TO THE TRAFFIC LANES WHERE PEDESTRIANS STAND BEFORE CROSSING. TYPICALLY THE WAITING AREA IS A PORTION OF THE SIDEWALK.

CROSSING AREA

TRANSVERSAL PORTION OF THE ROAD WHERE PEDESTRIANS WALK WHEN CROSSING. THIS AREA IS IDENTIFIED BY THE WHITE STRIPES.

TRANSITION ZONE

PORTION OF THE CROSSING AREA OF TWO-WAY ROADS, LOCATED IN THE OPPOSITE TRAVEL DIRECTION LANE, WHERE A PEDESTRIAN THAT IS ALREADY CROSSING THE ROAD MUST START TO BE VISIBLE TO INCOMING TRAFFIC.



THE DIFFERENT AREAS FOR THE TRAVEL DIRECTION ARE HIGHLIGHTED ABOVE:

- 1. WAITING AREA
- 2. CROSSING AREA
- 3. TRANSITION ZONE
- 4. TRAFFIC LANE
- 5. LED STREETLIGHT

ROAD CLASS (EN13201)	LIGHTING CLASSES OF THE PEDESTRIAN CROSSINGS
M1	-
M2	EV1 (50 LUX MIN.)
M3	EV2 (30 LUX MIN.)
M4	EV2 (30 LUX MIN.)
M5	EV3 (10 LUX MIN.)
M6	EV3 (10 LUX MIN.)

CALCULATION GRID

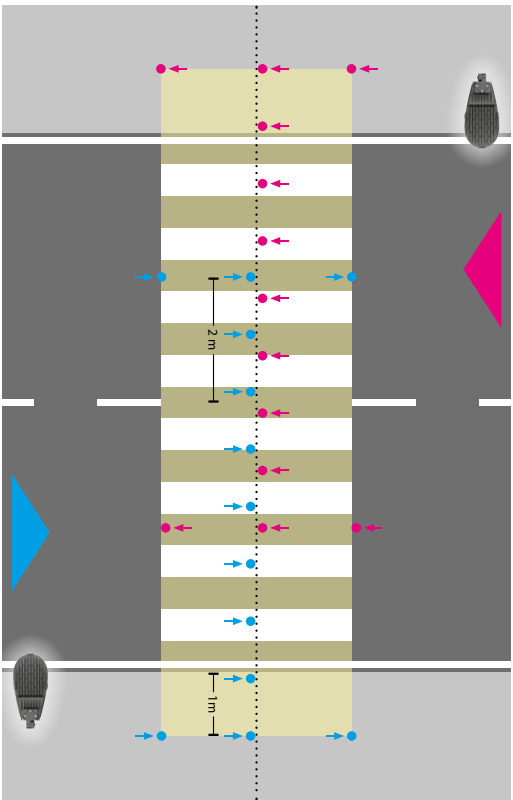
THE CALCULATION GRID CONSISTS IN A SERIES OF POINTS ALONG THE TRANSVERSAL AXIS OF THE ROAD PASSING THROUGH THE CENTER OF THE PEDESTRIAN CROSSING WHICH HAVE A CONSTANT DISTANCE NOT EXCEEDING 1m, ALL POINTS ARE ON A PLANE AT A HEIGHT OF 1m FROM THE ROAD LEVEL.

FOUR (4) ADDITIONAL POINTS SHALL BE PLACED AT THE EDGES OF THE MEASURING AREA, TWO (2) AT THE OUTER LIMITS OF THE WAITING AREA AND TWO (2) AT THE OUTER LIMITS OF THE TRANSITION ZONE.

ALL THESE POINTS ARE MEASURING VERTICAL ILLUMINANCE AND SHALL BE ORIENTED TOWARDS THE INCOMING TRAFFIC.

THE VERTICAL ILLUMINANCE MEASURED ON THE WHOLE AXIS OF THE CROSSING, SHALL BE GREATER THAN THE APPLICABLE EV CLASS.

TO ENSURE UNIFORMITY, THE VERTICAL ILLUMINANCE MEASURED ON THE FOUR (4) POINTS AT THE EDGES OF THE MEASURING AREA SHALL BE 15% OR GREATER THAN THE APPLICABLE EV CLASS.



MEASURING AREA

TWO-WAY ROADS

STARTS FROM THE OUTER LIMITS OF THE WAITING AREA AND EXTENDS TO THE OUTER LIMITS OF THE TRANSITION ZONE. ONE TRAFFIC DIRECTION IS CONSIDERED FOR EVALUATION.

ONE-WAY ROADS

STARTS FROM THE OUTER RIGHT LIMITS OF ONE WAITING AREA AND EXTENDS TO THE OUTER LEFT LIMITS OF THE OTHER WAITING AREA.

DYNAMIC LIGHTING

IN CASE INTERACTIVE SYSTEMS ARE INSTALLED, THE PEDESTRIAN CROSSING AND ITS USERS MAY BE MORE VISIBLE IF THE LIGHTING LEVEL IS INCREASED WHEN THEY ARE CROSSING. AT LEAST ONE (1) LIGHTING CLASS INCREASE FROM THE STANDBY MODE IS REQUESTED. IF THE STANDBY REQUIREMENT IS ALREADY EV1, A MINIMUM INCREASE OF 50% IS REQUESTED.

WARNING AND SAFETY LIGHT DEVICES

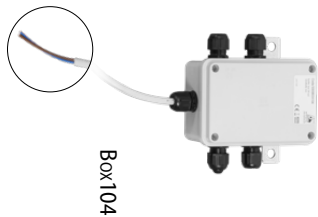
ACTIVE SAFETY DEVICES ARE ANOTHER WAY TO INCREASE THE VISIBILITY OF PEDESTRIAN CROSSINGS ESPECIALLY DURING THE DAY

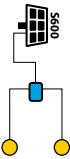
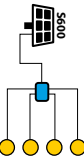
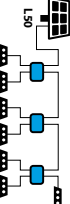
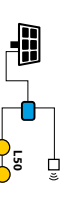
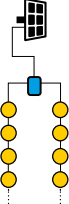
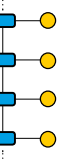
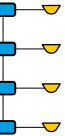
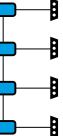
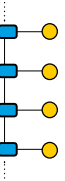
- BACKLIT SIGNS MINIMUM CLASS L2 ACCORDING TO EN 12899-1
- FLASHING LIGHTS MINIMUM CLASS L8M (WITH 90x90 CM SIGNS) OR L2H (WITH 60x60 CM SIGNS) ACCORDING TO EN 12352.

CONTROL UNITS - JUNCTION BOXES

Legenda:									
									
									

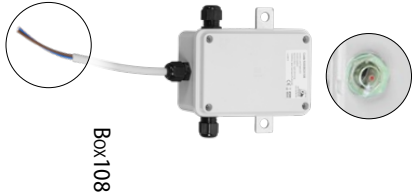
CONTROL UNITS - JUNCTION BOXES



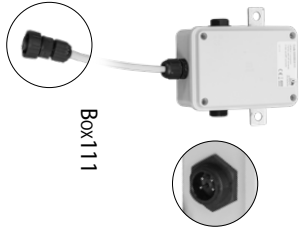
JUNCTION BOXES / BY-PASS		SUITABLE FOR:	
BOX100	JUNCTION BOX 2 OUT		ALL BASIC LED LIGHTS WITH EXTERNAL CONTROL
BOX104	JUNCTION BOX 3-4 OUT		ALL BASIC LED LIGHTS WITH EXTERNAL CONTROL
BOX303	JUNCTION BOX 2/3 OUT, TH392, IP68, WITH CAP		KRONOS SIDE 25
BOX106	CONVERSION BOX FROM STANDARD POWER SUPPLY KIT TO BY-PASS FOR SAFETY RADAR		RADAR LC INDICATOR FLAT 3/ PLUS/VARIO TEMPOFLASH DOUBLE SYSTEM
BOX115	JUNCTION BOX FOR SEQUENCE CENTRAL POWER SUPPLY WITH THB 384 CONNECTORS		LED LIGHTS SEQUENCES BASIC 210
BOX137	BY-PASS BOX WITH DIODE, SEQUENCE LIGHT APPLICATION WITH MULTIPLE POWER SUPPLY		SEQUENCE LIGHTS SYSTEM WITH MULTIPLE POWER SUPPLY
BOXES FOR SEQUENCES		SUITABLE FOR:	
BOX113	CONTROL UNIT FOR SEQUENCE CE01, 10 TH , WITH NIGHT DIMMING 12/24VDC		ALL BASIC LED LIGHTS WITH EXTERNAL CONTROL AND RGR MARKER
BOX114	CONTROL UNIT FOR SEQUENCE CE01, 10 TH , WITHOUT NIGHT DIMMING 12/24VDC		KRONOS SIDE 25
BOX118	CONTROL UNIT FOR SEQUENCE CE01, 10 TH , WITH NIGHT DIMMING, 12/24VDC, GUIDING LIGHT		ALL BASIC LED LIGHTS WITH EXTERNAL CONTROL AND SINGLE LED BOX

CONTROL UNITS - JUNCTION BOXES

BOXES FOR FIXED DEVICES		SUITABLE FOR:
BOX108	CONTROL UNIT FOR DOUBLE SYNC. FLASHLED NIGHT DIMMING 12-24VDC	ALL BASIC LED LIGHTS WITH EXTERNAL CONTROL
BOX109	CONTROL UNIT FOR TRIPLE/QUADRUPLE SYNC. FLASHLED NIGHT DIMMING 12-24VDC	ALL BASIC LED LIGHTS WITH EXTERNAL CONTROL
BOX124	CONVERSION BOX FROM STANDARD POWER SUPPLY KIT TO BY-PASS FOR SAFETY RADAR (EXTERNAL CONTROL DEVICES) WITH M16 CABLE GLAND FOR INPUT LED LIGHTS	ALL BASIC LED LIGHTS WITH EXTERNAL CONTROL
BOX129	CONTROL UNIT WITH L50 FLASH 20% NIGHT DIMMING, 12 VDC CONN. F 4P FOR SENSOR, 2XF 2P FOR INPUT LED LIGHTS	SAFETY RADAR WITH DISPLAY "SLOW DOWN" + BASIC 998342 SAFETY RADAR WITH DISPLAY "SLOW DOWN" + CUP
BOX116	CONTROL UNIT FOR DOUBLE SYNC. FLASHLED NIGHT DIMMING 12-24VDC WITH RADAR CONNECTOR	ALL BASIC LED LIGHTS WITH EXTERNAL CONTROL + 4P CONNECTOR ON POWER SUPPLY
BOX117	CONTROL UNIT FOR TRIPLE/QUADRUPLE SYNC. FLASHLED NIGHT DIMMING 12-24VDC WITH RADAR CONNECTOR	ALL BASIC LED LIGHTS WITH EXTERNAL CONTROL + 4P CONNECTOR ON POWER SUPPLY
BOX119	CONVERSION BOX FROM STANDARD POWER SUPPLY KIT TO BY-PASS FOR SAFETY RADAR (EXTERNAL CONTROL DEVICES)	ALL BASIC LED LIGHTS WITH EXTERNAL CONTROL WITH 4P CONNECTOR
BOX111	SPLITTER BOX FOR LEDBOX WITH CONNECTORS FOR SAFETY CROSS	SAFETY CROSS
BOX102	SPLITTER BOX FOR SENSOR/PUSH BUTTON WITH CONNECTORS FOR SAFETY CROSS	SAFETY CROSS



Box 108



Box 111



LED LIGHTS



BASIC 80 AND BASIC 102 ARE LED WARNING LIGHTS FOR FIXED OR TEMPORARY USE ESPECIALLY APPROPRIATE WHEN REDUCED DIMENSION IS NEEDED.

THEY ARE AVAILABLE ONLY WITH EXTERNAL CONTROL AND THEY ARE SUITABLE FOR ALL THE APPLICATION WHERE THERE IS A NEED TO WARN, INFORM OR GUIDE ROAD USERS.



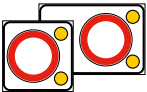
ADAPTER FOR BASIC 80



CERTIFICATION	EN12352 - L2H	FLASHING	POWER CONS. @12V
INPUT VOLTAGE	12 VDC - 24 VDC	SINGLE FL	0.65 AH /DAY
LED COLOUR	● ● ●	DOUBLE FL	1.3 AH /DAY
MAX. POWER CONSUMPTION	4.8 W	TRIPLE FL	1.95 AH /DAY
DIMENSIONS	Ø 88 X 21.5 MM	QUADRUPLE FL	2.6 AH /DAY

FL (FlashLed) = 10%

SOME EXAMPLES OF APPLICATIONS:



ADAPTER FOR BASIC 102



CERTIFICATION	UNI EN12352 - L2H	FLASHING	POWER CONS. @12V
INPUT VOLTAGE	12 VDC - 24 VDC	SINGLE FL	0.4 AH /DAY
LED COLOUR	● ● ●	DOUBLE FL	0.8 AH /DAY
MAX. POWER CONSUMPTION	3.8 W	TRIPLE FL	1.2 AH /DAY
DIMENSIONS	Ø 139 X 19 MM	QUADRUPLE FL	1.6 AH /DAY

FL (FlashLed) = 10%

BASIC 80



BASIC 102



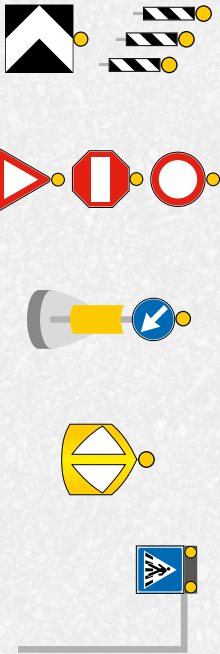
BASIC 200

LED LIGHTS



BASIC 200 IS A LED WARNING LIGHT FOR FIXED OR TEMPORARY USE. IT IS AVAILABLE IN DIFFERENT VERSIONS AND IT IS SUITABLE FOR ALL THE APPLICATION WHERE THERE IS A NEED TO WARN, INFORM OR GUIDE ROAD USERS. A HIGH POWER VERSION IS AVAILABLE ON REQUEST.

SOME EXAMPLES OF APPLICATIONS:



CERTIFICATION	EN12352 L8H - L8M
INPUT VOLTAGE	12 VDC - 12/24 VDC
LED COLOUR	● ● ● ● ○
MAX. POWER CONSUMPTION	7.8 W
DIMENSIONS	Ø 198 X 65 MM
FLASHING	POWER CONSUMPTION @12V
SINGLE *	5.9 AH /DAY
SINGLE FL	1.1 AH /DAY
DOUBLE *	11.8 AH /DAY
DOUBLE FL	2.2 AH /DAY

FL (Flashed) 10% * on time 50%

BASIC 201

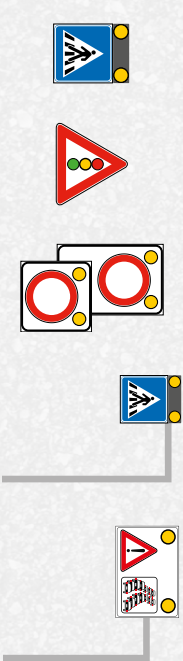
BASIC 201 IS A LED WARNING LIGHT FOR FIXED OR TEMPORARY USE.

IT IS THE FLAT VERSION OF BASIC 200 AND CAN BE EQUIPPED WITH THE INTEGRATED FLASHING SYSTEM.

IT IS AVAILABLE IN DIFFERENT MODELS AND IT IS SUITABLE FOR ALL THE APPLICATION WHERE THERE IS A NEED TO WARN, INFORM OR GUIDE ROAD USERS.

A HIGH POWER VERSION IS AVAILABLE ON REQUEST.

SOME EXAMPLES OF APPLICATIONS:

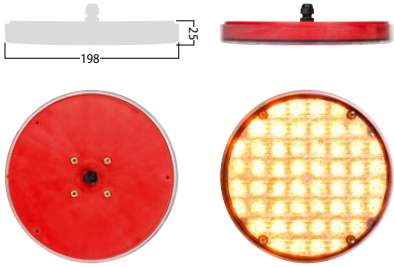


LED LIGHTS

CERTIFICATION	EN12352 L8H - L8M
INPUT VOLTAGE	12 VDC - 12/24 VDC
LED COLOUR	● ● ● ● ○
MAX. POWER CONSUMPTION	7.8 W
DIMENSIONS	Ø 198 X 25 MM

FLASHING	POWER CONSUMPTION @12V	
SINGLE *	5.9 AH	/DAY
SINGLE FL	1.1 AH	/DAY
DOUBLE *	11.8 AH	/DAY
DOUBLE FL	2.2 AH	/DAY

FL (Flashled) 10% * on time 50%



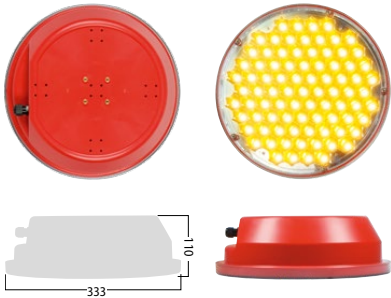
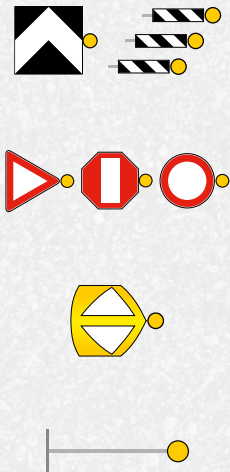
BASIC 302

LED LIGHTS



BASIC 302 IS A LED WARNING LIGHT FOR FIXED OR TEMPORARY USE. THE HIGH LUMINOUS EFFICIENCY, THE UNIFORMITY AND THE WIDE VISUAL ANGLES, MAKE THIS PRODUCT THE BEST IN ITS CATEGORY.

SOME EXAMPLES OF APPLICATIONS:



CERTIFICATION	EN12352 L9H - L9M
INPUT VOLTAGE	12 VDC - 12/24 VDC
LED COLOUR	● ● ●
MAX. POWER CONSUMPTION	17.5 W
DIMENSIONS	Ø 333 X 110 MM
FLASHING	POWER CONSUMPTION @12V
SINGLE*	11 AH /DAY
SINGLE FL	2.2 AH /DAY
DOUBLE*	22 AH /DAY
DOUBLE FL	4.4 AH /DAY

FL (Flash)ed 10% * on time 50%

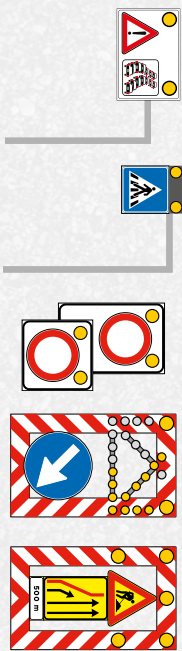
BASIC 304



BASIC 304 IS THE FLAT VERSION OF THE BASIC 302.

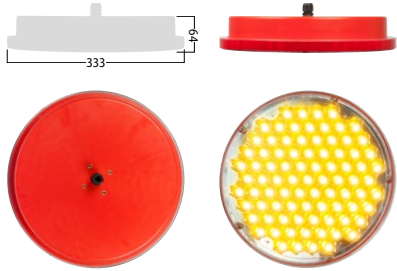
THE HIGH LUMINOUS EFFICIENCY, THE UNIFORMITY AND THE WIDE VISUAL ANGLES, MAKE THIS PRODUCT THE BEST IN ITS CATEGORY.

SOME EXAMPLES OF APPLICATIONS:



COMPLIANCE	EN12352 L9H - L9M
INPUT VOLTAGE	12 VDC - 12/24 VDC
LED COLOUR	● ● ●
MAX. POWER CONSUMPTION	
DIMENSIONS	Ø 333 X 64 MM
FLASHING	POWER CONSUMPTION @12V
SINGLE*	11 AH /DAY
SINGLE FL	2.2 AH /DAY
DOUBLE*	22 AH /DAY
DOUBLE FL	4.4 AH /DAY

FL (FlashLed) 10% * on time 50%



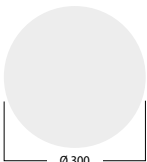
LED TRAFFIC LIGHTS

LED TRAFFIC LIGHTS

18






Ø 200

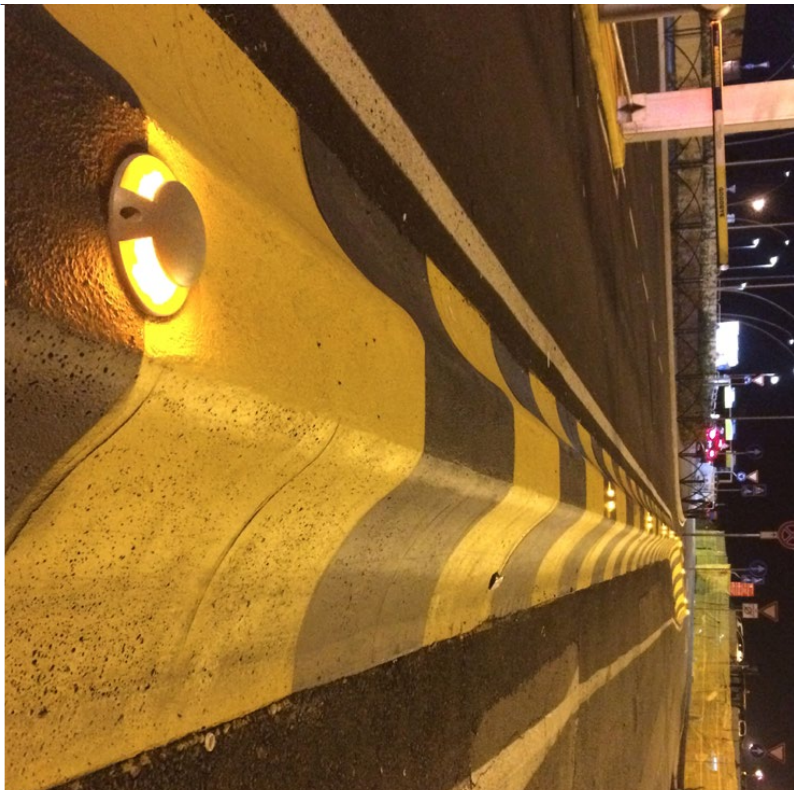


Ø 300

THE RECENT LED TECHNOLOGY IMPROVEMENT HAS BEEN ADOPTED BY THE LATEST LED TRAFFIC LIGHTS.

IN COMPLIANCE WITH EUROPEAN STANDARD **EN12368** AND WITH VERY LOW POWER CONSUMPTION, THE CUSTOMER CAN OBTAIN A BETTER VISUAL SAFETY, A HIGHER ENERGY SAVING AND A LONG LIFE WITH NO MAINTENANCE.

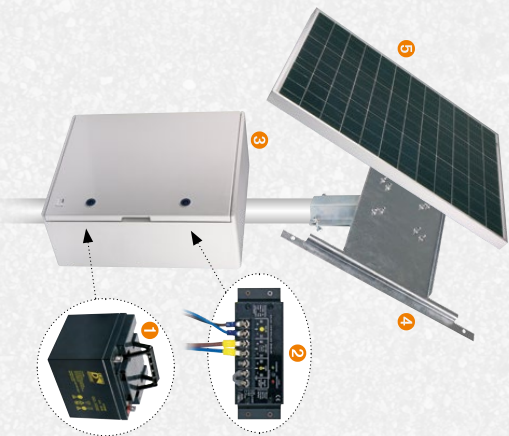
CE CERTIFICATION	EN12368	
INPUT VOLTAGE	12 VDC	230 VAC
LED COLOUR	  	
POWER CONSUMPTION @12 VDC	2 W	
DIMENSIONS	Ø 200 / 300 MM	



FIXED DEVICES



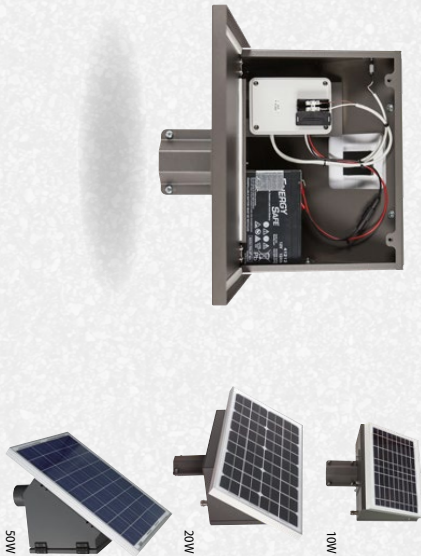
PHOTOVOLTAIC KITS



PHOTOVOLTAIC KITS

20

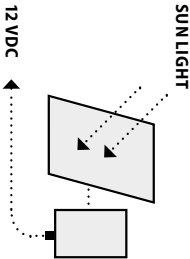
COMPACT PHOTOVOLTAIC KITS



STAND-ALONE PHOTOVOLTAIC KITS TO PROVIDE POWER TO THE DEVICES THROUGHOUT THE YEAR. OUR TECHNICAL DEPARTMENT WILL CHOOSE THE BEST SOLUTION FOR EACH INSTALLATION.

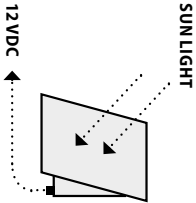
- 1 AGM BATTERY SPECIFICALLY DESIGNED FOR PHOTOVOLTAIC SYSTEM
- 2 CHARGING REGULATOR
- 3 CABINET
- 4 MOUNTING PLATE
- 5 PHOTOVOLTAIC MODULE

MODULE	BATTERY	MOUNTING PLATE
50 W	45AH	Ø 60 - Ø 90
100 W	90 AH	Ø 60 - Ø 90
140 W	90 AH	Ø 90



STAND-ALONE COMPACT PHOTOVOLTAIC KITS IDEAL FOR APPLICATIONS WHERE IS NOT POSSIBLE TO USE AN EXTERNAL BOX. OUR TECHNICAL DEPARTMENT WILL CHOOSE THE BEST SOLUTION FOR EACH INSTALLATION.

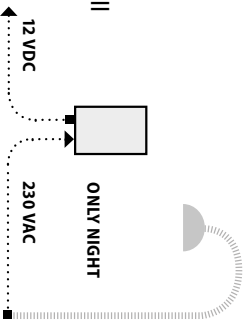
MODULE	BATTERY	MOUNTING PLATE
10 W	12 AH	Ø 60 - Ø 90
20 W	18 AH	Ø 60 - Ø 90
50 W	25 AH	Ø 90





Power supply kit from public lighting with a battery to provide power to the devices during daytime.

- 1 BACK-UP BATTERY
- 2 POWER SUPPLY SWITCH MODE CLASS II
- 3 CABINET

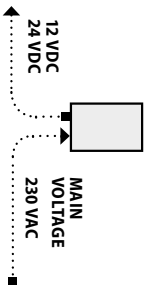


POWER SUPPLY - BATTERY	DIMENSIONS
230 VAC/12 VDC, 2.5 A 18 AH CLASS II	28 X 36 X 11 CM
230 VAC/12 VDC, 2.5 A 7 AH CLASS II	24 X 28 X 10 CM



Power supply kit 230 V, in box IP56, for all devices, available in Class II, suitable to provide energy for fixed devices.

- 2 POWER SUPPLY SWITCH MODE
- 3 Box



POWER SUPPLY	DIMENSIONS
230 VAC/12 VDC, 2 A CLASS II - IP56	
230 VAC/12 VDC, 3.5 A CLASS II - IP56	15.5 X 20 X 8 CM
230 VAC/24 VDC, 1.75 A CLASS II - IP56	

Power Supply / Battery Kits



POWER SUPPLY KITS

Power Supply Kits



BASIC SEQUENCES

BASIC 200



LEDBOX BASIC 201



BASIC 304



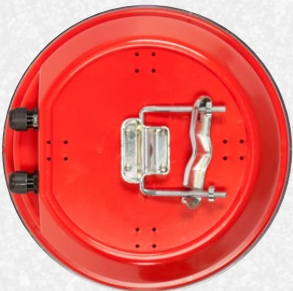
EXTERNAL CONTROL BOX113



BASIC 200



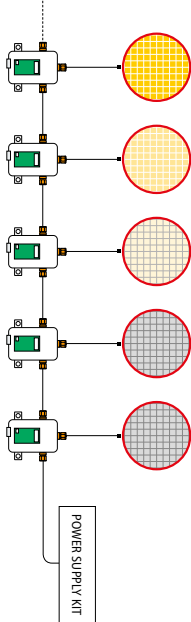
BASIC 302



SEQUENCE LIGHTS SYSTEMS WITH CABLE.

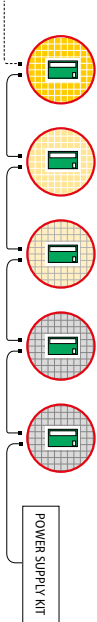
EN12352 CERTIFIED LED LIGHTS.

SUPPLIED WITH M16 - M20 CABLE GLANDS.



LED LIGHTS FOR SEQUENTIAL SYSTEMS WITH EXTERNAL CONTROL.

CERTIFICATION	EN12352	L8H (BASIC 200/201) L9M (BASIC 302/304)
LED COLOUR		
SEQUENCE TYPE	AUTO-CONFIG.	INPUT VOLTAGE 12/24VDC (BASIC 302) 12VDC (BASIC 200)
POWERED BY	POWER SUPPLY KIT	POWER SUPPLY/BATTERY KIT PHOTOVOLTAIC KIT



LED LIGHTS FOR CE011 SEQUENTIAL SYSTEMS WITH POLE BRACKET.

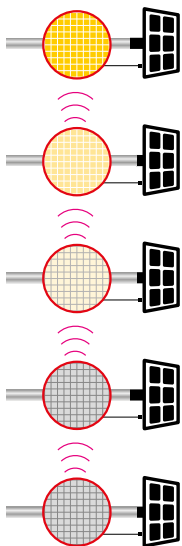
SEQUENCE LIGHTS SYSTEM WITH WIRELESS RADIO TECHNOLOGY.
READY TO MOUNT.



EN12352 CERTIFIED LED LIGHTS.

MIN. DISTANCE BETWEEN LIGHTS 1 M, MAX. 80 M.

NO LIGHTS LIMIT.

SYNCHRONOUS FLASHING ALSO AVAILABLE.

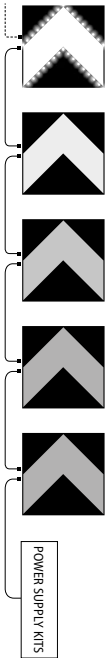





CERTIFICATION	EN12352	L8H (BASIC 200)) L9M (BASIC 302)	
LED COLOUR			
SEQUENCE TYPE	AUTO-CONFIG.	INPUT VOLTAGE	12 VDC
POWERED BY		PHOTOVOLTAIC KIT	10 W (BASIC200) 20 W (BASIC302)

LED SEQUENTIAL CHEVRON.

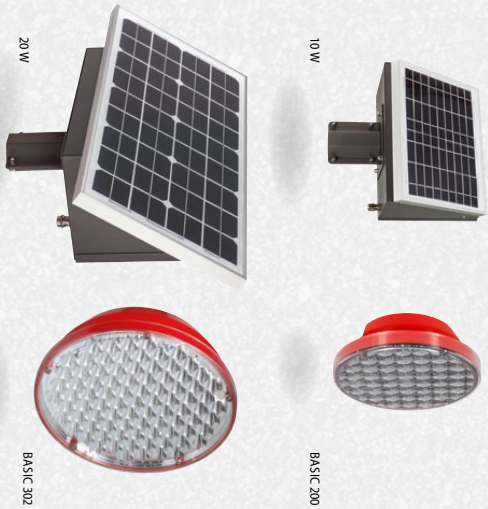
ALUMINIUM ENCLOSURE PAINTED WITH EPOXY.

ALSO AVAILABLE WITH BACKLIT SIGN.

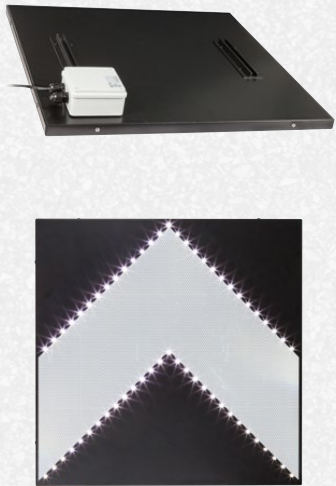


DIMENSIONS	60 X 60 CM	90 X 90 CM	
LED COLOUR	○	+ DIAMOND GRADE FILM	
SEQUENCE TYPE	AUTO-CONFIG.	INPUT VOLTAGE	12 VDC
POWERED BY			
	POWER SUPPLY KIT	POWER SUPPLY KIT/ BATTERY	PHOTOVOLTAIC KIT

D-SOLAR RADIO

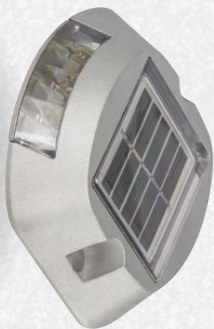


VISUAL LED



FIXED SEQUENTIAL LIGHT SYSTEMS

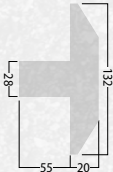
SOLAR TOP 24



ROAD MARKERS

24






SOLAR TOP 20



LED PHOTOVOLTAIC ROAD MARKER

NOT CARRIAGEABLE
THE PRODUCT MUST BE INSTALLED OUTSIDE OF THE ROADWAY



COMPLIANCE	EN1463-3			
LED COLOUR	   	DOUBLE SIDE		
LIGHT	STEADY		FLASHING	
WORKING		ONLY NIGHT		STORAGE
MATERIAL	DIE-CAST ALUMINUM			
DIMENSIONS	97 X 110 X 24.5 MM			

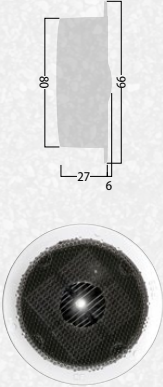
LED PHOTOVOLTAIC ROAD MARKER

NOT CARRIAGEABLE
THE PRODUCT MUST BE INSTALLED OUTSIDE OF THE ROADWAY

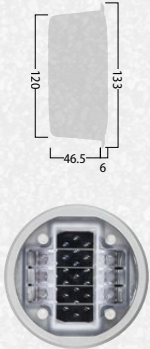


COMPLIANCE	EN1463-3		
LED COLOUR	<div><div></div><div></div><div></div></div> <div>SINGLE SIDE</div>	<div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>DOUBLE SIDE</div>	
LIGHT	FLASHING		
WORKING	<div><div></div></div> <div>ONLY NIGHT</div>	STORAGE	NI-MH BATTERY
MATERIAL	DIE-CAST ALUMINUM		
DIMENSIONS	122 X 132 X 75 MM		

SOLAR TOP 80



SOLAR GROUND 2




ROAD MARKERS

LED PHOTOVOLTAIC ROAD MARKER

NOT CARRIAGEABLE
THE PRODUCT MUST BE INSTALLED OUTSIDE OF THE ROADWAY




COMPLIANCE	EN1463-3			
LED COLOUR	○ SINGLE SIDE ●			
LIGHT	STEADY	FLASHING		
WORKING	 ONLY NIGHT	STORAGE	LITHIUM BATTERY	
MATERIAL	HIGH-STRENGTH POLYMER			
DIMENSIONS	Ø99 X 33 MM			

FLUSH MOUNT PHOTOVOLTAIC LED MARKER



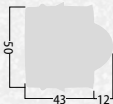
MECHANICAL RESISTANCE: 20 T/M²
EVEN IF CARRIAGEABLE THE PRODUCT MUST BE INSTALLED OUTSIDE OF THE ROADWAY

COMPLIANCE	EN1463-3			
LED COLOUR	○ SINGLE SIDE		○○ DOUBLE SIDE	
LIGHT	STEADY		FLASHING	
WORKING	 ONLY NIGHT		STORAGE	
MATERIAL	DIE-CAST ALUMINIUM			
DIMENSIONS	Ø133 X 52.5 MM			

GLASS TOP



MINI GLASS TOP



26

ROAD MARKERS

MICRO GLASS TOP



CARRIAGEABLE
MECHANICAL RESISTANCE: 40 TON
EVEN IF CARRIAGEABLE THE PRODUCT SHOULD BE INSTALLED OUTSIDE OF THE ROADWAY
SELF CLEANING

APPROVED	EN1463-2		
REFLECTION	360°		
MATERIAL	TEMPERED GLASS		
DIMENSIONS	Ø100 MM	DOME HEIGHT	18 MM

CARRIAGEABLE
MECHANICAL RESISTANCE: 18 TON
EVEN IF CARRIAGEABLE THE PRODUCT SHOULD BE INSTALLED OUTSIDE OF THE ROADWAY
SELF CLEANING

CERTIFIED	EN1463-2		
REFLECTION	360°		
MATERIAL	TEMPERED GLASS		
DIMENSIONS	Ø50 MM	DOME HEIGHT	12 MM

THE SMALLEST TEMPERED GLASS ROAD MARKER AVAILABLE ON THE MARKET
MECHANICAL RESISTANCE: 6 TON
THE PRODUCT SHOULD BE INSTALLED OUTSIDE OF THE ROADWAY
SELF CLEANING

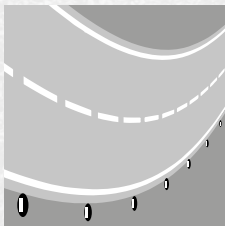
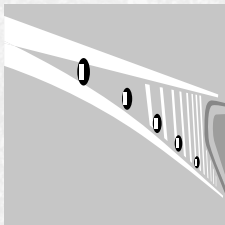
COMPLIANCE	EN1463-2		
REFLECTION	360°		
MATERIAL	TEMPERED GLASS		
DIMENSIONS	Ø50 MM	DOME HEIGHT	10 MM

POWER GROUND 2

IN-PAVEMENT High Power LED (>140cd)
CARRIAGEABLE

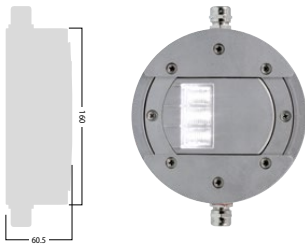


EXAMPLES OF APPLICATIONS:



ROAD MARKERS

COMPLIANCE	EN1463-3		
LED COLOUR	<div><div></div><div></div><div></div><div></div></div>	PATENTED LED OPTICS	
LIGHT	STEADY	SYNC. FLASHING WITH EXTERNAL FLASHING CONTROL UNIT	SEQUENCE EXTERNAL CONTROL UNIT
POWERED BY	11...48 VDC	POWER CONSUMPTION	HP: 5 W LP: 1.5 W
MATERIAL	DIE-CAST ALUMINUM		
DIMENSIONS	Ø160 X 60.5 MM		



GLASS TOP ARMOUR

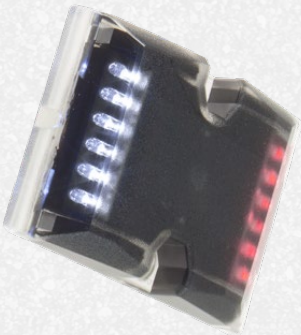


28

MICRO GLASS TOP ARMOUR

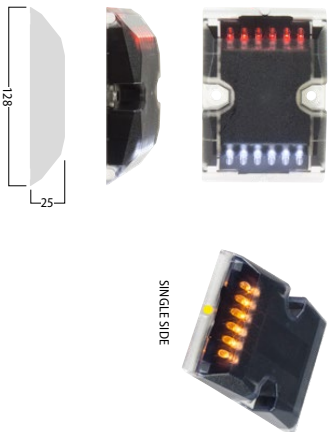


SIDE 25



ROAD MARKERS

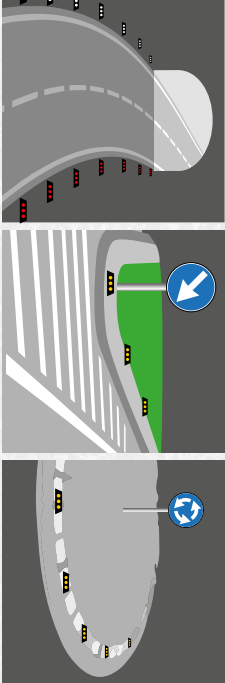
30






LED MARKER FOR TUNNELS, ROUNDABOUT, DANGEROUS POINT, EDGES, ETC. 

6 HIGH-BRIGHTNESS LEDs EACH SIDE
THE PRODUCT MUST BE INSTALLED OUTSIDE OF THE ROADWAY

EXAMPLES OF APPLICATIONS:

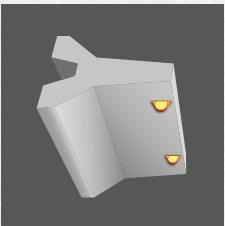
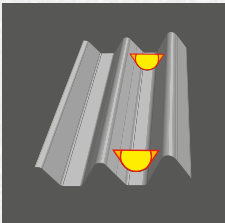


COMPLIANCE	EN1463-3		
LED COLOUR	 SINGLE SIDE	  DOUBLE SIDE	OTHER COLOURS ON REQUEST
LIGHT	STEADY	SYNC. FLASHING WITH EXTERNAL FLASHING CONTROL UNIT	
POWERED BY	11...48 VDC	MAX. POWER CONSUMPTION	SINGLE SIDE: 0.76 W@48 V DOUBLE SIDE: 1.54 W@48 V
MATERIAL	V0 POLYCARBONATE		
DIMENSIONS	90 X 128 X 25 MM		


LED MARKER FOR GUARDRAIL.

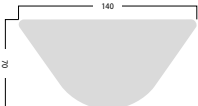
RCR, THANKS TO ITS HIGH VISIBILITY AND LOW POWER CONSUMPTION, IS AN EXCELLENT SOLUTION FOR DANGEROUS CURVES, MOTORWAY EXITS, TUNNELS AND ALL THE OTHER DANGEROUS SITUATIONS ON THE ROAD. IDEAL FOR ZONES WITH HIGH PRESENCE OF FOG.

EXAMPLES OF APPLICATIONS:



ROAD MARKERS

CERTIFIED	EN12352 L2H		
LED COLOUR			
LIGHT	STEADY	SYNC. FLASHING WITH EXTERNAL FLASHING CONTROL UNIT	SEQUENCE EXTERNAL CONTROL UNIT
POWERED BY	18...48 VDC	POWER CONSUMPTION (STEADY LIGHT)	3.84 W@48 V
MATERIAL	ABS		
DIMENSIONS	70 X 140 X 45 MM		



KRONOS

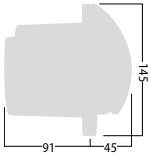
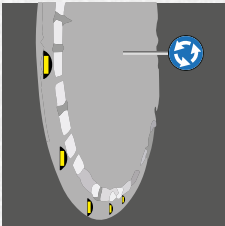
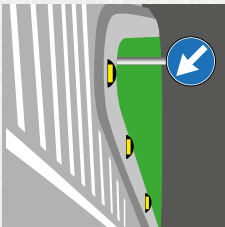
ROAD MARKERS





LUMINOUS LED INSERT WITH VERY LOW POWER CONSUMPTION.
Ideal for cuspidal points, roundabouts and fatal edges.
Ready for installation.
Suitable to photovoltaics.



EXAMPLES OF APPLICATIONS:



LED COLOUR	 	OTHER COLOURS ON REQUEST	
LIGHT	STEADY	SYNC FLASHING WITH EXTERNAL FLASHING CONTROL UNIT	SEQUENCE EXTERNAL CONTROL UNIT
POWERED BY	12 VDC 230 VAC CLASS II	MAX. POWER CONSUMPTION	6 W
MATERIAL	DIE CAST ALUMINUM BODY - PP FORMWORK		
DIMENSIONS	Ø145 X 136 MM	DOME HEIGHT	45 MM

FLASHING CONTROL UNIT

FLASHING CONTROL UNIT FOR ROAD MARKER SERIES.

CONNECTABLE MARKERS	NR. MAX.	VOLTAGE	12/48 VDC
SIDE 25	160	FUNCTIONS	NIGHT DIMMING REMOTE CONTROL
KRONOS	40	DUTY CICLE	50% 20% <10%
RGR	60	DIMENSIONS	125 X 80 X 50 MM
POWERGROUND 2 HP	50		
POWERGROUND 2 LP	220		

AC-DC DIN RAIL MOUNTABLE POWER SUPPLY.

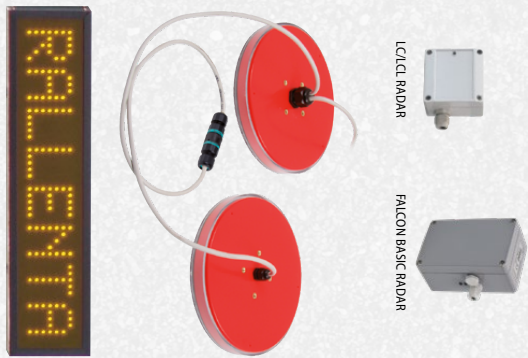
MODEL	GSA SWD10	GSA SWD20
CERTIFICATIONS	UL, CUL, TUV, SELV, CE	UL, CUL, TUV, SELV, CE
INPUT VOLTAGE	115/230 VAC AUTOSWITCH	90...264 VAC
OUTPUT WATTAGE	240 W	480 W
OUTPUT VOLTAGE	48 VDC	48 VDC
OUTPUT CURRENT	5 A	10 A
EFFICIENCY	90%	90%



POWER SUPPLIES

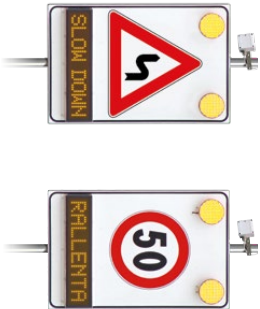
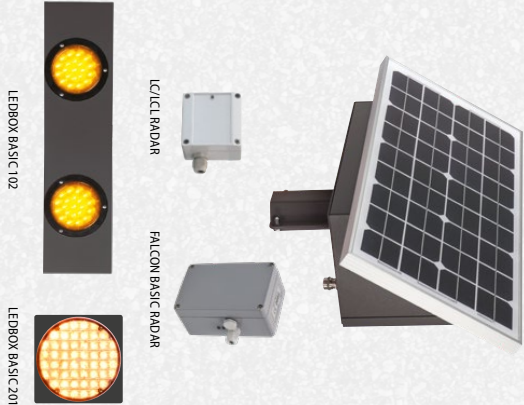


SAFETY RADAR



SAFETY DEVICES

SAFETY RADAR SOLAR BOX

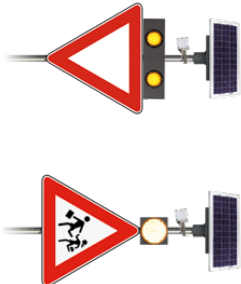


CERTIFIED	BASIC 201 EN12352 L8H		
LED COLOUR			
POWERED BY	POWER SUPPLY KIT	POWER SUPPLY / BATTERY KIT	PHOTOVOLTALIC KIT
RADAR RANGE	RADAR LC: 100 M	RADAR LCL: 200 M	

SAFETY RADAR AND SAFETY RADAR SOLAR BOX ARE VERY EFFECTIVE DEVICES FOR SPEED REDUCTION NEARBY CITIES, DANGEROUS POINTS, MOTORWAY RAMPs, ONE-WAY STREET ETC.

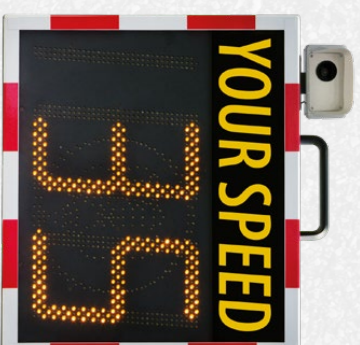
FLASHING LIGHTS SYSTEM WITH DOPPLER RADAR WHICH DETECTS THE CAR AND THE SPEED AND SENDS A SIGNAL TO THE LIGHTS IF THE LIMIT HAS BEEN EXCEEDED.

EASY RETROFIT OF EXISTING SIGNS.



CERTIFIED	BASIC 201 UNI EN12352 L8H BASIC 102 UNI EN12352 L2H	
LED COLOUR		
POWERED BY	PHOTOVOLTALIC KIT 20 W	
RADAR RANGE	RADAR LC: 100 M	RADAR LCL: 200 M
LED BOX DIMENSIONS	1 BASIC 201 2 BASIC 102	210 X 210 X 120 MM 600 X 160 X 60 MM

INDICATOR CAM

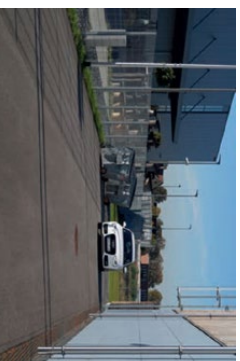


INDICATOR CAM IS A MOBILE TOOL FOR SPEED ENFORCEMENT ON FACTORY PREMISES, SUPPLIED WITH 12V BATTERY.
EXCEEDING THE SPEED LIMIT WILL TRIGGER THE RECORDING OF AN IMAGE SEQUENCE.
THE STORAGE IMAGES CONTAIN TIME AND SPEED INFORMATION.
THESE RECORDS CAN BE RETRIEVED OVER THE FACTORY NETWORK OR DIRECTLY BY E-MAIL.

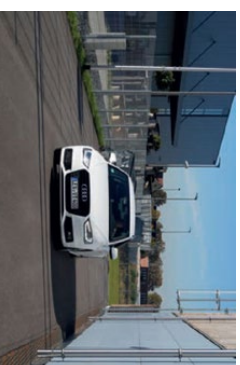


INDICATOR CAM OFFERS SEVERAL INTERFACES (USB, BLUETOOTH, WI-FI, LAN, HSDPA) TO DOWNLOAD OR TRANSFER THE COLLECTED DATA.

THE CONTROL PANEL ALLOWS THE USER TO CHANGE PARAMETER SETTINGS ON SITE.



02.03.2016 - 11:03:29 / +1000ms - image-sequence 1/3 -
detected speed = 32km/h
Location: Parcheggio 1 - I-25086 Rezzato - ID = 5678



02.03.2016 - 11:03:29 / +1000ms - image-sequence 2/3 -
detected speed = 33km/h
Location: Parcheggio 1 - I-25086 Rezzato - ID = 5678



02.03.2016 - 11:03:29 / +1000ms - image-sequence 3/3 -
detected speed = 35km/h
Location: Parcheggio 1 - I-25086 Rezzato - ID = 5678

INDICATOR VARIO

VARIABLE MESSAGE SIGN AVAILABLE WITH OR WITHOUT RADAR DETECTOR.

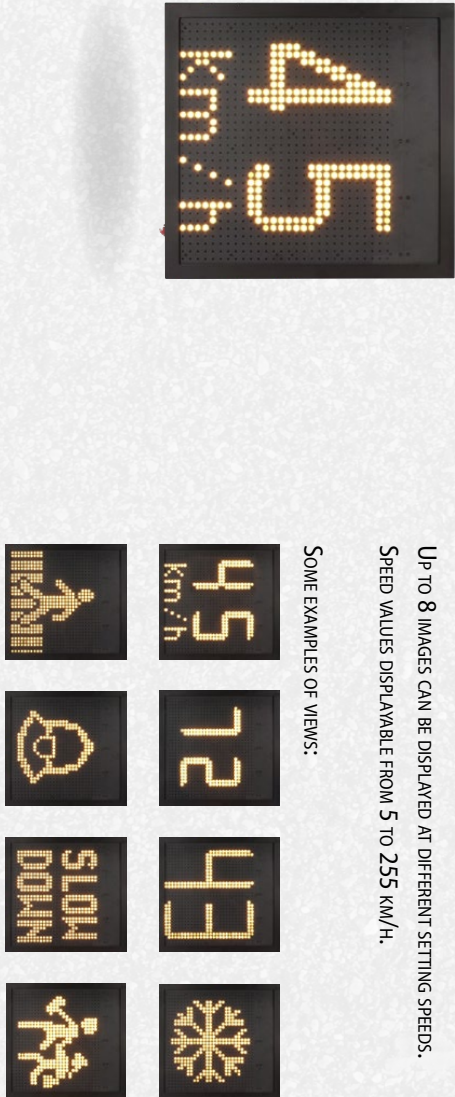
IDEAL TO WARN, INFORM OR GUIDE ROAD USERS.

TIME SCHEDULED PROGRAMMING.

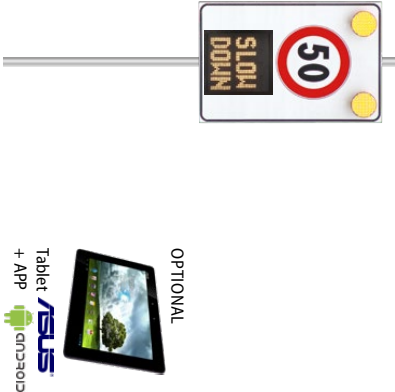
UP TO 8 IMAGES CAN BE DISPLAYED AT DIFFERENT SETTING SPEEDS.





SPEED VALUES DISPLAYABLE FROM 5 TO 255 KM/H.

SOME EXAMPLES OF VIEWS:



SPEED DISPLAYS



LED COLOUR		
DIGIT HEIGHT MAX.	50 CM	
RESOLUTION	32 X 28 (896 LED)	
POWERED BY	PHOTOVOLTALIC KIT 	
	50 W - 45 AH + 2 BASIC(20): 100 W - 90 AH	
	POWER SUPPLY KIT 	230 VAC/12 VDC
OPTIONAL	POWER SUPPLY / BATTERY KIT 	230 VAC/12 VDC 18 AH BATTERY
	INCLUDED / APP ANDROID	
CONNECTION	BLUETOOTH (100M OUTDOOR) RS232	OPTIONAL: EMAIL - GSM-GPRS-GPS
VEHICLE DETECTION	BIDIRECTIONAL (ONLY STATISTIC)	
DIMENSIONS	685 X 720 X 60 MM	

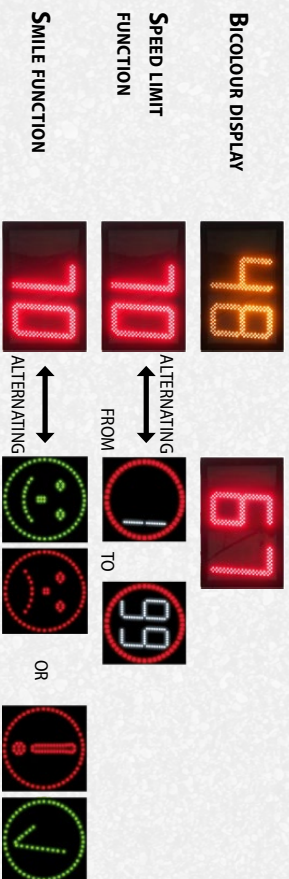
INDICATOR FLAT 3



RADAR BASED, IT IS THE IDEAL ACTIVE SIGNAL TO ENCOURAGE SAFE DRIVING IN SCHOOLS AREAS, ROAD WORKING ZONES, MOTORWAY INTERSECTIONS, ETC.

ALL THE OPTIONS CAN BE DEACTIVATED ALLOWING TO USE THE DEVICE IN STANDARD MODE (ONLY AMBER).

SOME EXAMPLES OF VIEWS:



SPEED DISPLAYS

LED COLOUR	<div> <div></div> <div></div> <div></div> <div></div> </div>
DIGIT HEIGHT MAX.	30 CM
FUNCTIONS	SMILE + SPEED LIMIT
	<div> <div>PHOTOVOLTALIC KIT</div> <div>50 W - 45 AH</div> </div>
POWERED BY	<div> <div>POWER SUPPLY KIT</div> <div>230 VAC/12 VDC</div> </div> <div> <div>POWER SUPPLY / BATTERY KIT</div> <div>230 VAC/12 VDC 18 AH BATTERY</div> </div>
SOFTWARE	INCLUDED / APP ANDROID
CONNECTION	<div> <div>BLUETOOTH (100M OUTDOOR)</div> <div>OPTIONAL: EMAIL - GSM - GPRS - GPS</div> </div>
VEHICLE DETECTION	BIDIRECTIONAL (ONLY STATISTIC)
DIMENSIONS	640 X 410 X 75 MM



SAFETY CROSS



PHOTOVOLTAIC KIT 20 W

PEDESTRIAN SENSOR



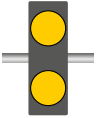


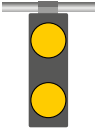


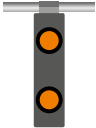
LED BOX BASIC 102 FLAG

SAFETY SYSTEM FOR CROSSWALKS WITH PEDESTRIAN RADAR AND FLASHING LIGHTS.

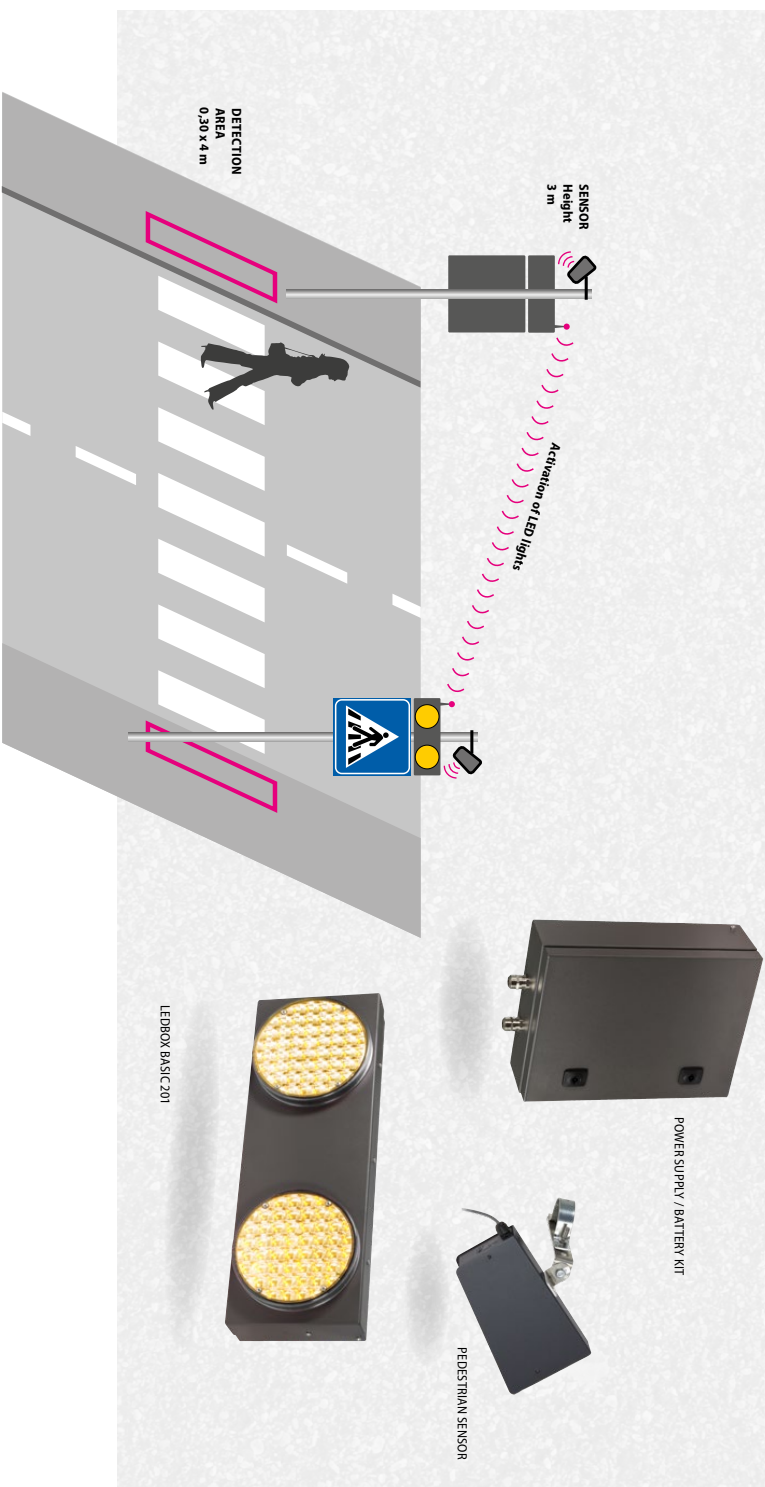
- THE SYSTEM STARTS TO WORK WHEN A PEDESTRIAN APPROACHES THE CROSSWALKS ZONE WITHIN THE SENSOR AREA.
- **THE LED LIGHTS FLASH ON BOTH SIDES OF THE ROAD THROUGH A WIRELESS COMMUNICATION.**

NO WIRING INSIDE THE ROAD.
EASY INSTALLATION ON EXISTING SIGNS.
ENERGY SAVING FUNCTION.
INCREASED NOISE IMMUNITY.
NEW FLASH FUNCTIONS AVAILABLE.

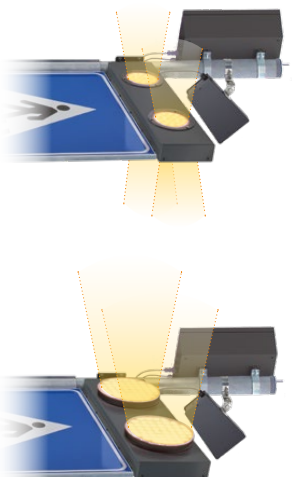
POSSIBLE CONFIGURATIONS:

POWERED BY	ACTIVATED BY	LED BOX
 PHOTOVOLTAIC KIT	 PEDESTRIAN SENSOR	 BASIC 201 SINGLE SIDE
 POWER SUPPLY / BATTERY KIT	 PUSHBUTTON	 BASIC 201 SINGLE SIDE
 POWER SUPPLY KIT		 BASIC 102 SINGLE SIDE
		 BASIC 102 DOUBLE SIDE

SAFETY CROSS

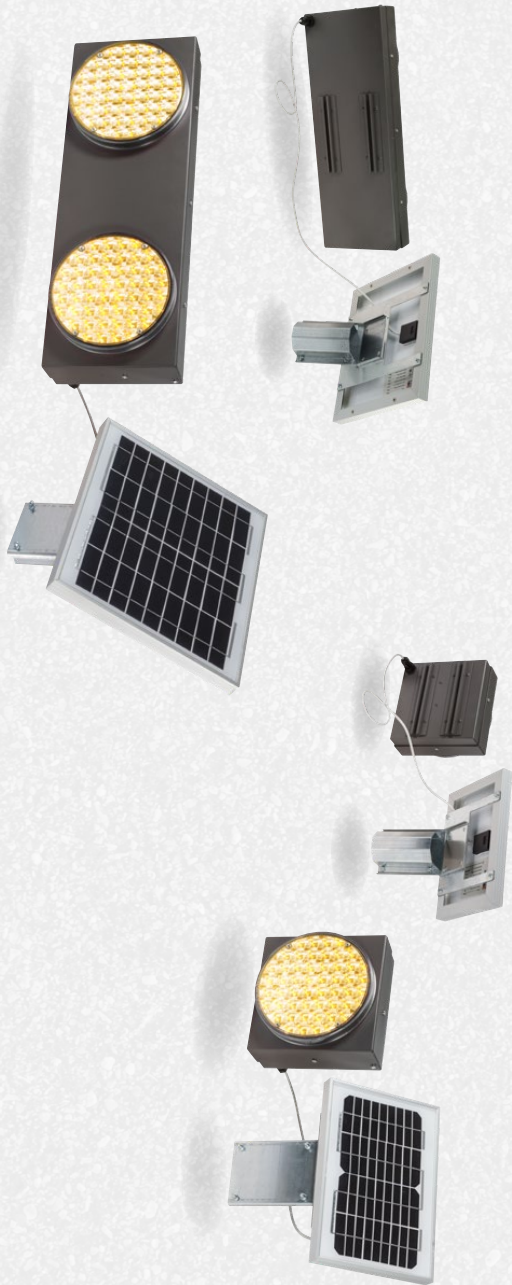


CERTIFIED	BASIC 201 BASIC 102	EN12352 - L&H EN12352 - L2H
LED COLOUR	●	
POWERED BY	PHOTOVOLTAIC KIT	20 W - 18 AH
	POWER SUPPLY KIT	230 VAC/12 VDC
	POWER SUPPLY / BATTERY KIT	230 VAC/12 VDC 18 AH BATTERY
ACTIVATED BY	PEDESTRIAN SENSOR PUSH BUTTON	
FIXING	Ø60 Ø90	
BOX DIMENSIONS	BASIC 201	600 X 210 X 120 MM
	BASIC 102	600 X 160 X 60 MM



ECOSOLAR

SAFETY DEVICES



ECOSOLAR IS A LINE OF PRODUCTS WITH A WIDE RANGE OF **SOLAR POWERED DEVICES** DESIGNED TO SIGNALIZE DANGEROUS SITUATION AND INTEGRATE THE TRAFFIC SIGNS.
















THE ECOSOLAR LINE USES **LED LIGHTS CERTIFIED TO EN 12352**.

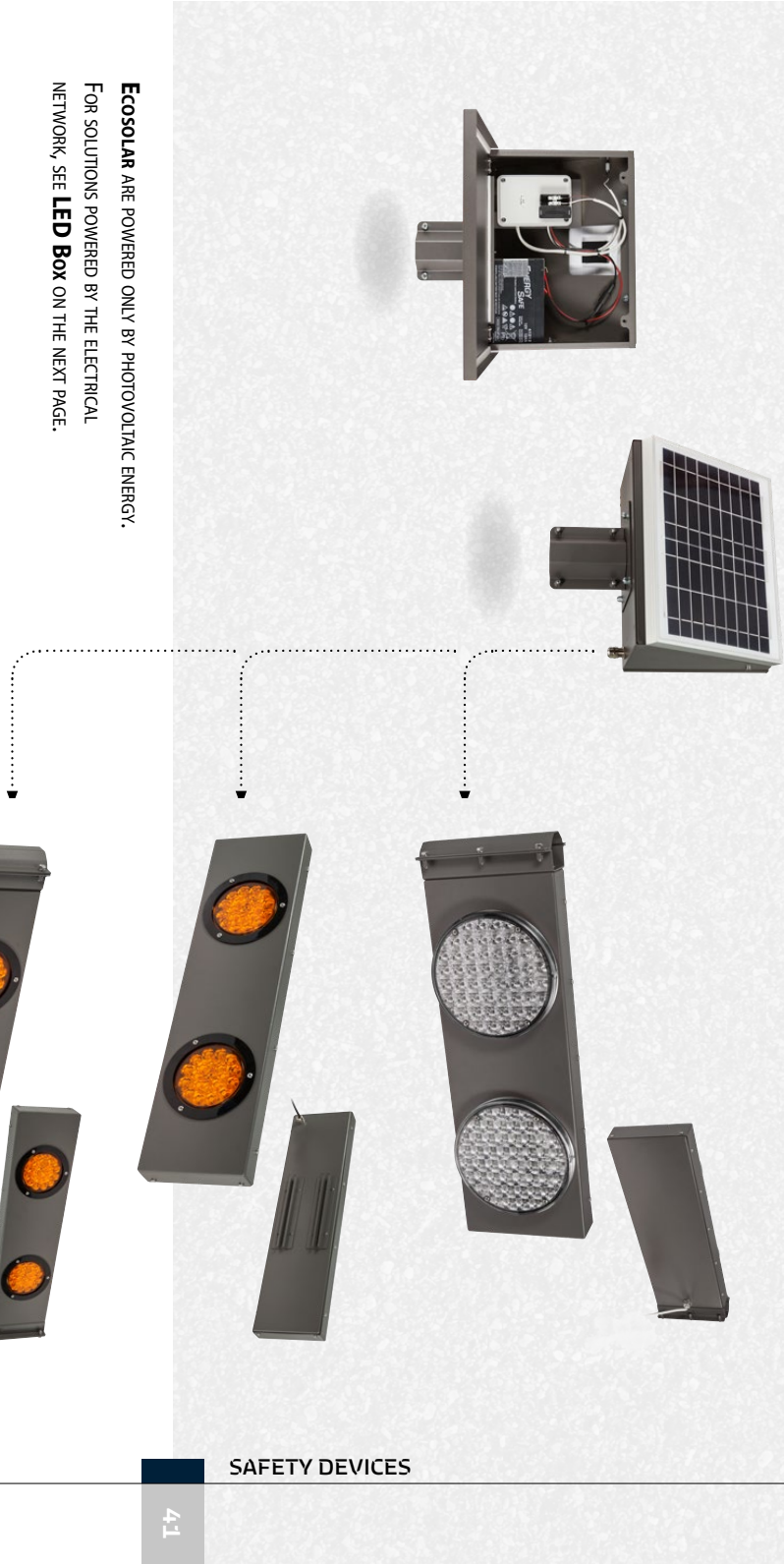
THE COMPACT DESIGN AND THE **EXTREMELY EASY INSTALLATION** MAKE THE ECOSOLAR THE PERFECT CHOICE FOR ANY TYPE OF POLE AND TRAFFIC SIGNS.

THE ECOSOLAR LINE IS DESIGNED TO BE INSTALLED ALSO ON EXISTING TRAFFIC SIGNALS.

POWER SAVING OPTIONS ENSURES HIGH AUTONOMY EVEN IN CRITICAL WEATHER CONDITIONS.





TO ENSURE THE CORRECT OPERATION OF THE DEVICES IT IS HOWEVER NECESSARY THAT THE PHOTOVOLTAIC PANEL RECEIVES DIRECT SUNLIGHT AT LEAST DURING THE CENTRAL PART OF THE DAY.

	PHOTOVOLTAIC PANEL 5 W		PHOTOVOLTAIC PANEL 10 W		PHOTOVOLTAIC KIT 10 W		PHOTOVOLTAIC KIT 10 W		PHOTOVOLTAIC KIT 10 W
	BASIC 201		BASIC 201		BASIC 201		BASIC 102		BASIC 102 DOUBLE SIDE
SOME EXAMPLE OF APPLICATIONS:									
									



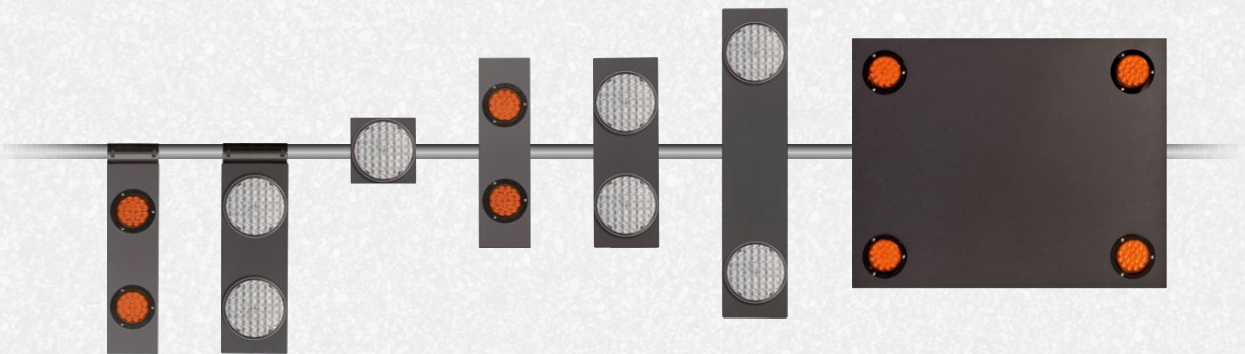
ECOSOLAR ARE POWERED ONLY BY PHOTOVOLTALIC ENERGY.

FOR SOLUTIONS POWERED BY THE ELECTRICAL NETWORK, SEE **LED Box** ON THE NEXT PAGE.

CERTIFICATION	BASIC 201 BASIC 102	EN12352 - L8H EN12352 - L2H
LED COLOUR	☀	
POWERED BY		PHOTOVOLTALIC
WORKING	  24 HRS	 OPTIONAL ONLY NIGHT
FIXING	Ø 60 Ø 90	
BOX DIMENSIONS	1 BASIC 201 2 BASIC 201 2/4 BASIC 102	210 X 210 X 120 MM 600 X 210 X 120 MM 600 X 160 X 60 MM

LED BOX

SAFETY DEVICES



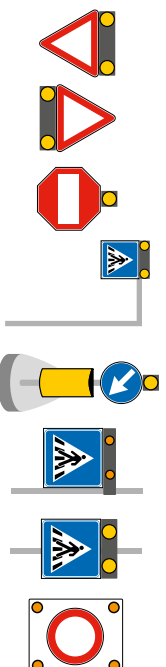
LED Box IS A FAMILY OF PRODUCTS DESIGNED TO KEEP A LOW IMPACT IN AESTHETICS WHILE DELIVERING A GREAT ACTIVE SAFETY SIGNAL.




THEY ARE PROVIDED AS STANDARD WITH EXTERNAL CONTROL, BUT THERE ARE SOME MODELS WITH INTEGRATED CONTROL UNIT OR WITH 230 VAC POWER SUPPLY.

THE LED BOX EXTERNAL CONTROL CAN BE USED WITH:

- Our COMPACT PHOTOVOLTAIC KIT WITH 5600 CONTROLLER.
- Our BOX AND CONTROL UNITS (SEE PAGES 10-11).
- Our DIN RAIL MOUNTABLE FLASHING CONTROL UNIT (SEE PAGE 31).

SOME EXAMPLES OF APPLICATIONS:



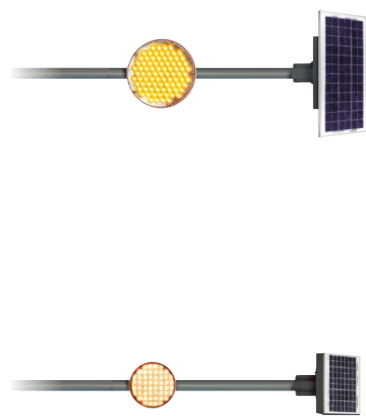
CERTIFICATION	BASIC 201 BASIC 102		EN12352 - L8H EN12352 - L2H	
LED COLOUR				
INPUT VOLTAGE	230 VAC 12 VDC		OTHER VOLTAGES ON REQUEST	
POWERED BY	POWER SUPPLY KIT 		POWER SUPPLY/BATTERY KIT 	
FIXING	Ø 60 Ø 90			
BOX DIMENSIONS	1 BASIC 201 2 BASIC 201 2 BASIC 102 4 BASIC 102		210 X 210 X 120 MM 600 X 210 X 120 MM 900 X 210 X 120 MM 600 X 160 X 60 MM 800 X 1000 X 45 MM	
			OTHER DIMENSIONS ON REQUEST	

D-SOLAR



D-SOLAR ARE LED LIGHTS WITH PHOTOVOLTALIC SUITABLE FOR HIGHWAYS AND HEAVY TRAFFIC AREAS. THEY ARE IDEAL FOR CUSPIDAL POINTS, CROSSROADS AND FATAL EDGES. THE PHOTOVOLTALIC KIT IS BIGGER THAN THE ONE USED FOR THE ECOSOLAR AND THAT MAKES THEM A PERFECT CHOICE FOR APPLICATION WITH CRITICAL WEATHER CONDITIONS. EASY TO INSTALL AND TO MAINTAIN.

CERTIFICATION	BASIC 200 BASIC 302	EN12352 - L8H EN12352 - L9M
LED COLOUR		
POWERED BY	PHOTOVOLTALIC KIT	10 W BASIC 200 20 W -BASIC 302
WORKING	24 ORE	OPTIONAL ONLY NIGHT
FIXING	Ø60	
DIMENSIONS	BASIC 200 BASIC 302	Ø198 X 65 MM Ø335 X 110 MM

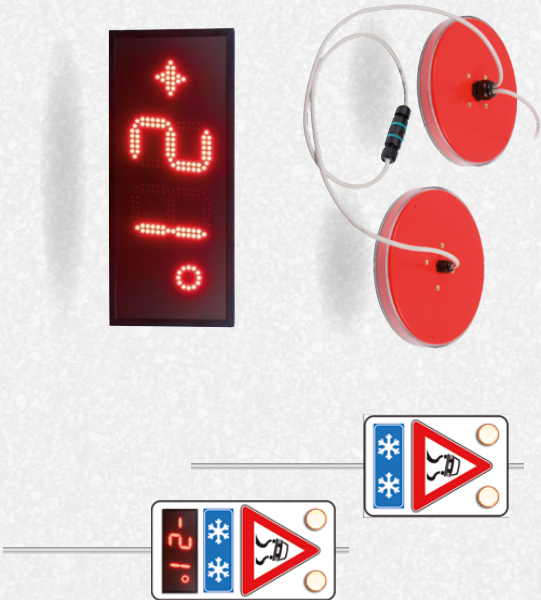


Dividing Marker







Safety Devices

TEMPO FLASH








IDEAL FOR JUNCTIONS, CUSPS AND OTHER DANGEROUS SPOTS.
OPERATING WITH PHOTOVOLTAIC PANEL OR 230 VAC.
LED BASIC 102 SEQUENTIAL.
ARROWS IN CLASS 2 FILM.
SHOCK RESISTANT.
VARIOUS SIZES AVAILABLE.

MODEL	5 LED LIGHTS BASIC 102			3 LED LIGHTS BASIC 102
CERTIFICATION	EN 12352 - L2H			EN 12352 - L2H
LED COLOUR	●			●
FLASHING	SEQUENCE			SYNC.
POWERED BY	 PHOTOV. KIT 50W	 POWER SUPPLY/ BATTERY KIT	 POWER SUPPLY KIT	 PHOTOV. KIT 10W
DIMENSIONS	Ø 100 - Ø 150 - Ø 200 CM			Ø 60 CM

TEMPOFLASH IS A SAFETY DEVICE THAT ADVISES THE ROAD USERS ABOUT THE ICE CONDITION OF THE ROAD SURFACE.
WHEN THE OUTSIDE TEMPERATURE GOES BELOW 3°C THE LED FLASHING DOUBLE SYSTEM ACTIVATES.

THE TEMPERATURE CAN ALSO BE DISPLAYED.

AVAILABLE VERSION WITH A HIGH PRECISION TEMPERATURE PROBE TO INSERT DIRECTLY INTO THE GROUND.
THE SYSTEM SENDS AN SMS AT A SET TEMPERATURE AND CAN BE USED IN "REMOTE CONTROL MODE" AT ANY TIME TO OBTAIN INFORMATION (TEMPERATURE, SYSTEM STATUS ETC.).

CERTIFICATION	BASIC 201		EN12352 L8H	
LED COLOUR	 LED LIGHTS	 DISPLAY		
POWERED BY	 230VAC 12VDC	 230VAC 12VDC		
POWER CONSUMPTION	13 W MAX.		+ 6 W DISPLAY	
DIGIT HEIGHT	20 CM		READING DISTANCE	100 M
DISPLAY DIMENSIONS	740 X 310 X 70 MM			

ANIMAL GUARDIAN



PHOTOVOLTAIC PANEL

SAFETY DEVICES

ANIMAL REFLECTOR / UNI REFLECTOR



ANIMAL REFLECTOR

UNI REFLECTOR

ANIMAL GUARDIAN IS AN INNOVATIVE DEVICE TO PREVENT THE FATAL STREET CROSSING BY THE WILD ANIMALS.

IT'S POWERED FROM A HIGH EFFICIENCY SOLAR MODULE AND IT IS WORKING DURING THE NIGHT EMITTING BOTH A LUMINOUS SIGNAL AND A CONSTANT SOUND. THE ACTIVATION IS GIVEN BY THE VEHICLE HEAD LIGHTS.

LED COLOUR	● + BEEP
POWERED BY	PHOTOVOLTAIC PANEL LI-POL BATTERY
WORKING	🔄 ONLY NIGHT
DIMENSIONS	36 X 160 X 70 MM FIXING ANTI-THEFT

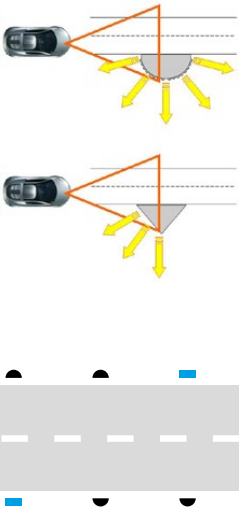
ANIMAL GUARDIAN CAN BE INTEGRATED WITH **ANIMAL REFLECTOR OR UNI REFLECTOR**, WILDLIFE WARNING REFLECTORS VALID FOR ALL TYPES OF TERRAIN.

WE RECOMMEND THE INSTALLATION AS SHOWN IN THE DIAGRAM.

LEGENDA:

■ ANIMAL GUARDIAN

● REFLECTOR



LED BACKLIT SIGNS



DOUBLE SIDE



BACKLIT SIGNS

46

D-POWER PRESENTS A WIDER RANGE TO SATISFY THE GROWING NEEDS IN ROAD SIGNALLING.

THE ULTRATHIN LED SIGNALS GUARANTEE AN HIGH UNIFORMITY OF BACKLIGHTING AND LOW MAINTENANCE.

DESIGNED AND BUILT ACCORDING **EN12899**.

THE TECHNOLOGY WE USE ALLOWS REACHING THE HIGHEST CLASSES OF THE NORM WHILE KEEPING LOW THE POWER CONSUMPTION AND OVERALL SIZES.

THE BACKLIT SIGNALS CAN BE SUPPLIED WITH VARIOUS TRAFFIC SIGN FILMS ACCORDING TO THE APPLICABLE ROAD CODE, MADE USING **Class 2 Superior Translucent Films**. AVAILABLE WITH SEVERAL MOUNTING OPTIONS.

THE NEW FINISHING COLOR AND DESIGN MAKE THEM SUITABLE FOR USE IN TOWN CENTERS, WHERE THE AESTHETICAL IMPACT IS AN IMPORTANT ISSUE.










THE LED BACKLIT SPECIAL OBSTACLE DELINEATOR INCLUDES THE CLASS 2 SUPERIOR TRANSLUCENT FILM.



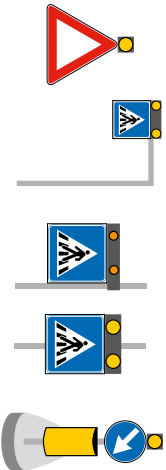
LED BACKLIT SIGNS



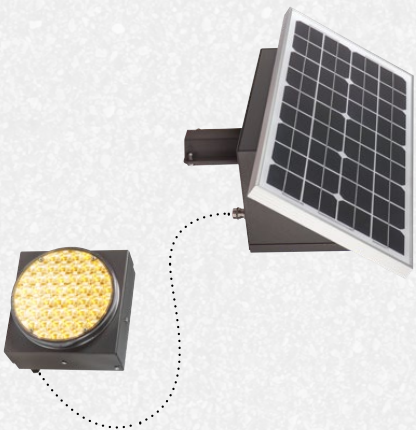
BACKLIT SIGNS

CERTIFICATION: UNI EN12899				LED COLOUR: ○		INPUT VOLTAGE: 12 VDC - 230 VAC			
									
SINGLE SIDE	SINGLE SIDE	DOUBLE SIDE	DOUBLE SIDE	SINGLE SIDE	SINGLE SIDE	SINGLE SIDE	SINGLE SIDE	DOUBLE SIDE	SINGLE SIDE
LIGHT EMISS. AREA [CM]	90 x 90	82 x 75	90 x 90	90 x 90	Ø 60	60 x 60	60 x 60	60 x 60	40 x 50
POWER CONS. @12V	36 W	32 W	45 W	45 W	8W	24 W	24 W	24 W	7 W
DIMENSIONS [MM]	1000 x 1000 x 45	940 x 830 x 58	1005 x 1285 x 62	1065 x 1103 x 200	Ø 650 x 40	640 x 640 x 43	640 x 640 x 43	645 x 735 x 68	280 x 544 x 164

SOME EXAMPLES OF APPLICATIONS:



TIME BOX



SAFETY DEVICES

60

TRILOGY BUST

IDEAL FOR SCHOOLS, FACTORIES OR OTHER APPLICATIONS WHERE IT'S IMPORTANT THAT THE SIGNAL IS ACTIVATED ONLY IN CERTAIN HOURS OF THE DAY.

THE SYSTEM WORKS ONLY DURING SCHEDULED TIMES.

THE DIGITAL TIMER IS INSIDE THE PHOTOVOLTALIC KIT.

POSSIBLE CONFIGURATIONS

PHOTOVOLTALIC KIT

20 W

LED BOX

THE EASIEST AND LESS EXPENSIVE WAY TO PROPERLY LIGHT PLACES NOT REACHABLE BY THE POWER GRID.


IDEAL FOR: BUS SHELTERS, CANOPIES, GATES, GARDENS, PATIO, KIOSKS, ADVERTISING SIGNS.

LED COLOUR	○ 5700K
POWERED BY	PHOTOVOLTALIC KIT 10 W 20W OPTIONAL
AUTONOMY	>7 DAYS WITHOUT SUN
TRILOGY MATERIAL	ALUMINUM ADJUSTABLE BRACKET INCLUDED
DIMENSIONS	TRILOGY: 80X 91 X 300 MM (W/O BRACKET) KIT PV: 345 X 400 X 175 MM



DETAS SPA D-Power division - Via Treponti, 29 - 25086 Rezzato (BS) ITALY
 Tel. +39 030 2594120 - info@d-power.com - www.d-power.com
 ISO 9001 certified company



STRATOS N	SUPERCASE™ ALUMINUM	TEMPERED GLASS	IP66
LED	○ 4000-5700 K	CRI >75	L70 >100,000 HRS
PHOTOVOLTAIC KIT		12 VDC 140 W	
AUTONOMY	5...10 DAYS	WITHOUT SUN	
DIMENSIONS	STRATOS N: 300 X 528 X 53 MM PV PANEL: 1470 X 670 X 35 MM		

PHOTOVOLTAIC STRATOS N



LED PV STREETLIGHTING

61

WITH **PV LIGHTING SOLUTIONS**, YOU CAN BRING LIGHT IN

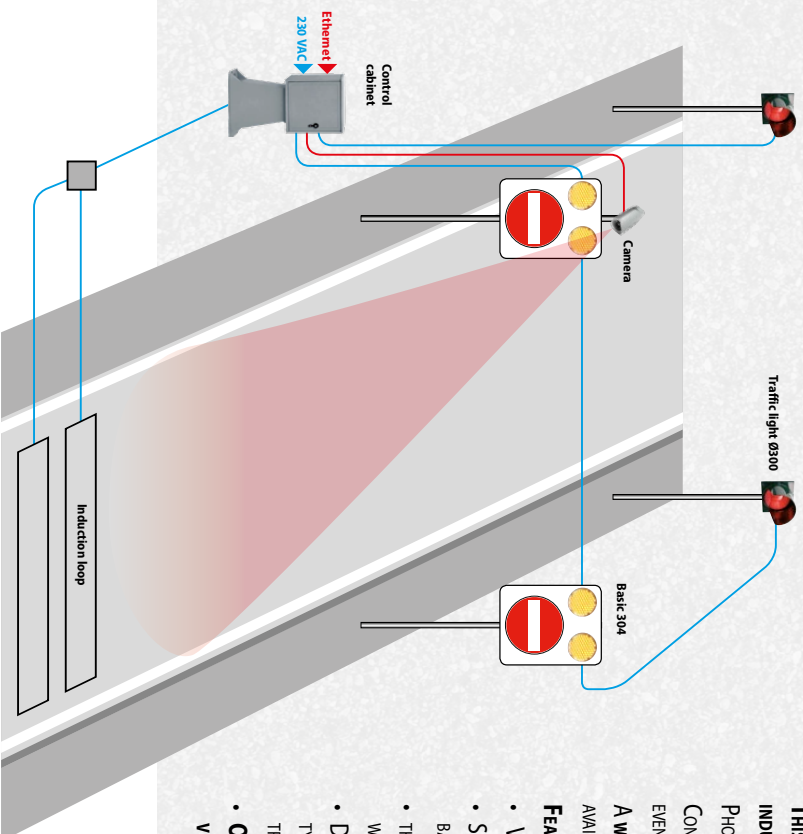
AREAS NOT ACCESSIBLE FROM THE POWER SUPPLY, REDUCING THE INSTALLATION COSTS BY AVOIDING THE LAYING OF NEW CABLES.

OUR SYSTEMS ARE CHARACTERIZED BY THE USE OF TOP QUALITY COMPONENTS AND OVERSIZED TO ENSURE THE BEST RELIABILITY:

- USE A REGULATOR TO PROTECT THE BATTERIES FROM DEEP DISCHARGE AND OVERLOAD.
- SPECIFIC **AGM BATTERIES** FOR PHOTOVOLTAIC APPLICATIONS.
- COMPACT KIT WITH BATTERY AND ELECTRONICS INTEGRATED.
- DIMENSIONING BASED ON LATITUDE AND OUTPUT LIGHT REQUIRED, OFFERS A RANGE OF AUTONOMY IN THE ABSENCE OF SUN BETWEEN 5 AND 10 DAYS.

OTHER COMBINATIONS AVAILABLE.

SAFETY WAY



THIS SYSTEM DETECTS VEHICLES DRIVING IN THE WRONG WAY USING INDUCTION LOOPS.

PHOTOVOLTAIC POWER SUPPLY, 12 VDC OR 230 VAC.

CONTROL CABINET CONTAINING THE CPU FOR MANAGING AND STORING EVENTS, GPS MODULE AND CONTROL UNIT FOR LED FLASHERS.

A WIRELESS CONNECTION BETWEEN THE CONTROL CABINET AND FLASHERS IS AVAILABLE.

FEATURES:

- VEHICLE DETECTION BY INDUCTIVE-LOOP TRAFFIC DETECTORS
- SENDS AN SMS OR E-MAIL IN CASE OF ANOMALY, MULTIFUNCTION OR LOW BATTERY.
- THE SYSTEM IS EQUIPPED WITH A MODEM THAT STORES DATA OF THE WRONG WAY EVENTS
- DIFFERENT WORKING LOGICS ARE AVAILABLE TOGETHER WITH DIFFERENT TYPES OF FLASHING FOR BASIC 302/201/200 (50%, 10% AND TRIFLASH).
- **OPTIONAL CAMERA TO SEND VIA E-MAIL OR FTP THE IMAGES OR VIDEOS OF THE EVENTS.**

62

SAFETY DEVICES



WATCH THE VIDEO:

[HTTPS://WWW.YOUTUBE.COM/WATCH?v=ykGLZpdkJzw](https://www.youtube.com/watch?v=ykGLZpdkJzw)



RAV IS A SYSTEM THAT DETECTS THE HEIGHT OF THE PASSING VEHICLES USING ONLY ONE SENSOR POSITIONED ON ONE SIDE OF THE ROAD.

IT IS POSSIBLE TO DEFINE LENGTH AND WIDTH OF THE DETECTION AREA AND ALSO THE MINIMUM SIZE OF THE OBJECT THAT HAS TO BE DETECTED.

PROGRAMMABLE WITH IR REMOTE CONTROL.

IF A VEHICLE EXCEEDS THE MAXIMUM HEIGHT THE SYSTEM SETS OFF TWO FLASHING LIGHTS, A SIREN, A TRAFFIC LIGHT OR A LED MESSAGE PANEL.

WATCH THE VIDEOS:

[HTTPS://WWW.YOUTUBE.COM](https://www.youtube.com/watch?v=E74wACpmmMw)

[/WATCH?v=E74wACpmmMw](https://www.youtube.com/watch?v=E74wACpmmMw)

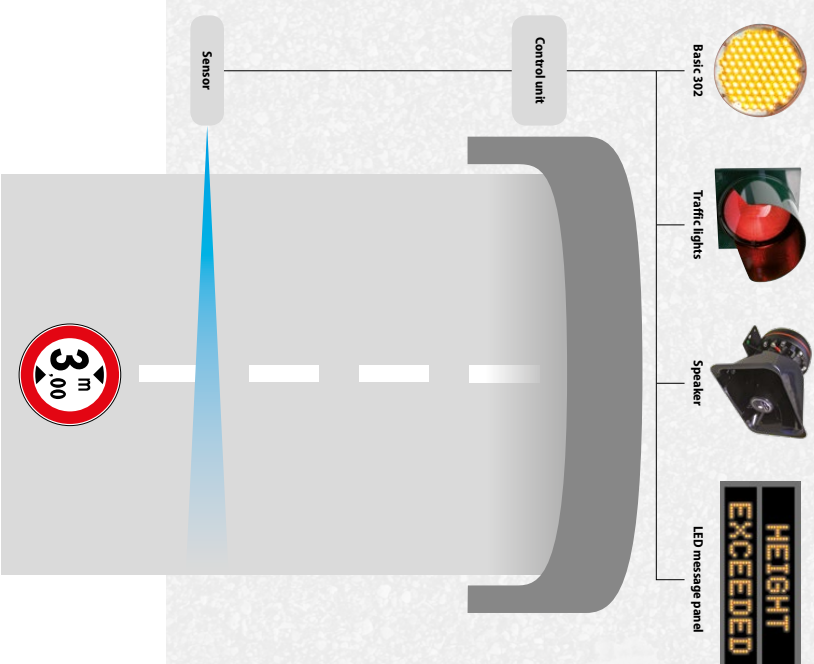
[HTTPS://WWW.YOUTUBE.COM](https://www.youtube.com/watch?v=_2Ax_hIE66E)

[/WATCH?v=_2Ax_hIE66E](https://www.youtube.com/watch?v=_2Ax_hIE66E)



Sensor

Control unit

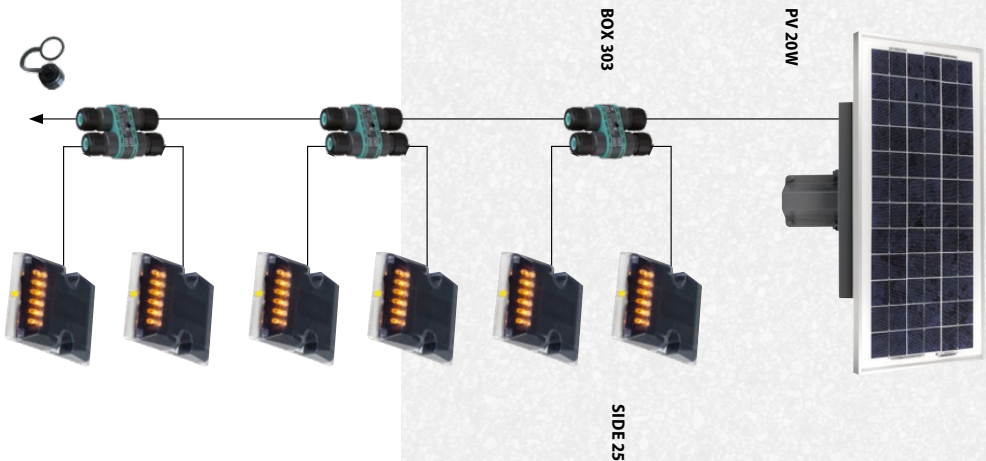


IT IS POSSIBLE TO HAVE A **WIRELESS** COMMUNICATION BETWEEN THE SENSOR AND THE CONTROL UNIT INSTEAD OF THE STANDARD CONNECTION WITH CABLES.

IDEAL FOR ROAD WORKING ZONES, TUNNELS, UNDERPASSES OR IN ANY OTHER SITUATION WHERE EXCEEDING THE MAXIMUM HEIGHT ALLOWED CAN BE DANGEROUS.

POWER SUPPLY: 230V, PHOTOVOLTAIC PANEL OR BATTERY.

DANGEROUS POINTS KIT



LED MARKERS POWERED BY A COMPACT PHOTOVOLTAIC KIT.

IDEAL FOR DANGEROUS POINTS, ROUNDABOUTS AND FATAL EDGES.



THE KIT INCLUDES:

SIDE 25: LED MARKER SINGLE SIDE AMBER

BOX 303: JUNCTION BOX 2/3 OUT, TH 392, IP68, WITH CAP.

COMPACT PHOTOVOLTAIC KIT 20W MOUNTING PLATE - Ø 60.

WATCH THE VIDEO:

[HTTP://WWW.YOUTUBE.COM/WATCH?V=WY50VRA802Q](http://www.youtube.com/watch?v=wY50vra802Q)



NUMBER OF CONNECTED MARKERS:

3	6	7	15	15	30
FLASHING ON TIME 50%	FLASHING ON TIME 50%	FLASHING ON TIME 20%	FLASHING ON TIME 20%	FLASHING ON TIME 10%	FLASHING ON TIME 10%


TRAFFIC 3000



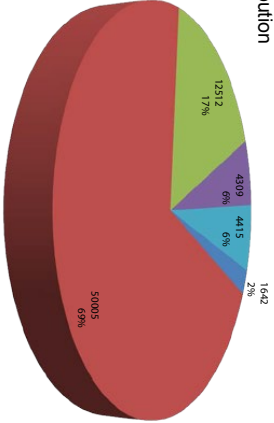
RADAR BASED **TRAFFIC COUNTER** POWERFUL, COMPACT AND EASY TO HANDLE.
EASILY INSTALLED ON THE SIDE OF THE ROAD FROM 1 TO 3 M HIGH.
AVAILABLE E-MAIL VERSION WITH GSM/GPRS/GPS.

THE DEVICE AUTOMATICALLY SENDS ALL STORED TRAFFIC DATA,
TOGETHER WITH GPS POSITION DETAILS (GOOGLE MAPS COMPATIBLE),
BY E-MAIL EVERY 1 TO 7 DAYS (ADJUSTABLE).

AN E-MAIL OR SMS WILL BE SENT IF THE BATTERY VOLTAGE
IS LOW OR THE DATA STORAGE IS 95% FULL.

POWERED BY		BATTERY	18AH	2 WEEKS OPERATING TIME
SOFTWARE	INCLUDED			
CONNECTION	RS232 BLUETOOTH OR E-MAIL VERSIONS, GSM-GPRS-GPS OPTIONAL			
VEHICLE DETECTION	1-255 KM/H	ARRIVING, LEAVING AND BIDIRECTIONAL		
DATA	10 SPEED CLASSES 5 VEHICLE CLASSES	360.000 VEHICLES		
DIMENSIONS	372 X 260 X 234 MM			

Vehicle distribution



Due ruote
Auto
Furgoni/SUV
Autocar/Bus
Autocarro

Evaluation time	lunedì 10 ottobre 2011, 10:00 - lunedì 17 ottobre 2011, 09:00
Speed limit	70 km/h
Speed violations	1093 %
Average gap time	7,85 s
Queue traffic	3,200 %
ADT	10412
LCV traffic share	1,197 %
Evaluation direction	Arriving
Adaptation:	Mario Rossi
Comment:	Viale Italia
Location:	Brescia
Arriving vehicles from:	
Departing vehicles to:	

	Count	Vehicles	Vehicles	Vehicles
Due ruote	1642	49	93	63
Auto	50005	58	120	69
Furgoni/SUV	12512	58	109	69
Autocar/Bus	4309	55	101	65
Autocarro	4415	55	94	63
Total	72883	58	120	68



OPTIONAL



Tablet + APP
ASUS
+ APP
android

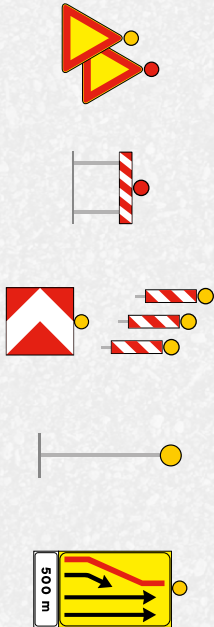
BASIC 210

ROAD WORK LED LIGHTS

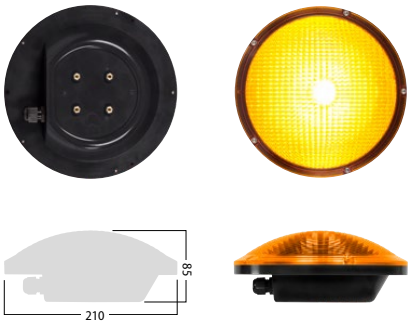


BASIC 210 IS A LED WARNING LIGHT FOR TEMPORARY USE.
IT IS AVAILABLE IN DIFFERENT MODELS AND IT IS SUITABLE FOR ALL THE APPLICATIONS
WHERE THERE IS A NEED TO WARN, INFORM OR GUIDE ROAD USERS.

SOME EXAMPLES OF APPLICATIONS:



66



CERTIFICATION	EN12352 L8H - L8M
INPUT VOLTAGE	12/24 VDC
LED COLOUR	● ● ●
MAX. POWER CONSUMPTION	7.8 W
DIMENSIONS	Ø 210 X 85 MM
FLASHING	POWER CONSUMPTION @12V
SINGLE *	5.9 AH /DAY
SINGLE FL	1.1 AH /DAY
DOUBLE *	11.8 AH /DAY
DOUBLE FL	2.2 AH /DAY

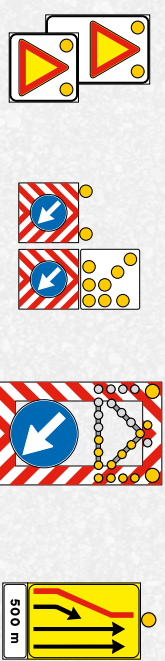
FL (FlashLed) 10% * on time 50%

BASIC 211

BASIC 211 IS A LED WARNING LIGHT FOR TEMPORARY USE.

IT IS AVAILABLE IN DIFFERENT MODELS AND IT IS SUITABLE FOR ALL THE APPLICATIONS WHERE THERE IS A NEED TO WARN, INFORM OR GUIDE ROAD USERS.

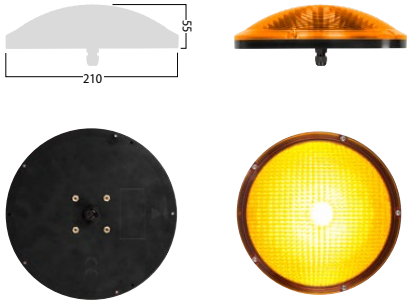
SOME EXAMPLES OF APPLICATIONS:



ROAD WORK LED LIGHTS

CERTIFICATION	EN12352 L8H - L8M
INPUT VOLTAGE	12/24 VDC
LED COLOUR	● ● ●
MAX. POWER CONSUMPTION	7.8 W
DIMENSIONS	Ø 210 X 55 MM
FLASHING	POWER CONSUMPTION @12V
SINGLE *	5.9 AH /DAY
SINGLE FL	1.1 AH /DAY
DOUBLE *	11.8 AH /DAY
DOUBLE FL	2.2 AH /DAY

FL (flashed) 10% * on time 50%

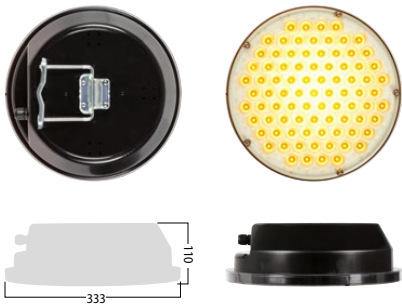


BASIC 308



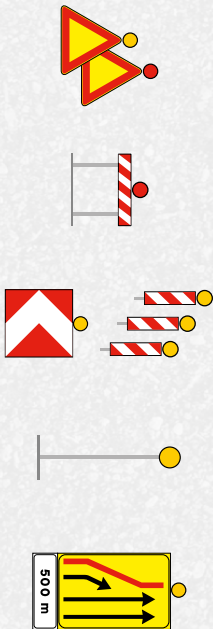
ROAD WORK LED LIGHTS

GS



BASIC 308 IS A LED WARNING LIGHT FOR TEMPORARY USE.
THE HIGH LUMINOUS EFFICIENCY, THE UNIFORMITY AND THE WIDE VISUAL ANGLES, MAKE THIS PRODUCT THE BEST IN ITS CATEGORY.

SOME EXAMPLES OF APPLICATIONS:



COMPLIANCE	EN12352 L9M
INPUT VOLTAGE	12 VDC - 12/24 VDC
LED COLOUR	● ● ●
MAX. POWER CONSUMPTION	17.5 W
DIMENSIONS	Ø 333 X 110 MM
FLASHING	POWER CONSUMPTION @12V
SINGLE *	11 AH /DAY
SINGLE FL	2.2 AH /DAY
DOUBLE *	22 AH /DAY
DOUBLE FL	4.4 AH /DAY

FL (FlashLed) 10% * on time 50%

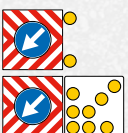
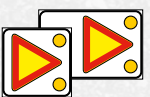
BASIC 309



BASIC 309 IS THE FLAT VERSION OF THE BASIC 308.

THE HIGH LUMINOUS EFFICIENCY, THE UNIFORMITY AND THE WIDE VISUAL ANGLES, MAKE THIS PRODUCT THE BEST IN ITS CATEGORY.

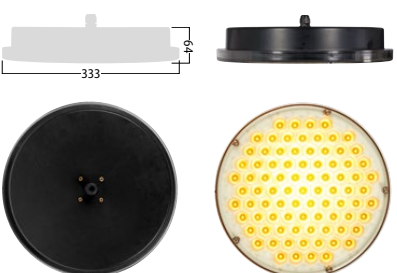
SOME EXAMPLES OF APPLICATIONS:



ROAD WORK LED LIGHTS

COMPLIANCE	EN12352 L9M
INPUT VOLTAGE	12 VDC - 12/24 VDC
LED COLOUR	● ● ●
MAX. POWER CONSUMPTION	17.5 W
DIMENSIONS	Ø 333 X 64 MM
FLASHING	POWER CONSUMPTION @12V
SINGLE *	11 AH /DAY
SINGLE FL	2.2 AH /DAY
DOUBLE *	22 AH /DAY
DOUBLE FL	4.4 AH /DAY

FL (FlashLed) 10% * on time 50%



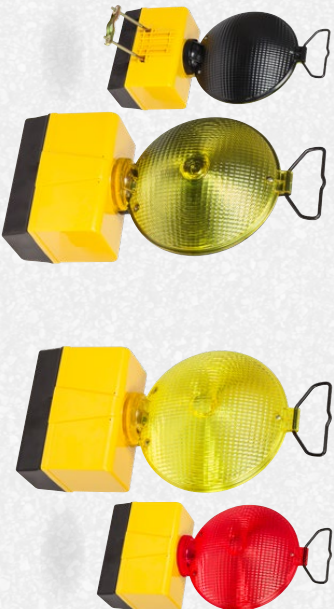
D-SOLO



ROAD WORK LED LIGHTS

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D-STAR v2



LED WARNING LIGHT MONO-BATTERY.

UNBREAKABLE LENS.

WORKS WITH 1 6V 4R25 BATTERY.

EASY TO REPLACE BATTERY. ANTI THEFT METAL BRACKET INCLUDED.

OTHER COLOURS ON REQUEST.

MODEL	D-SOLO				
CERTIFICATION - EN 12352	L6	L7	L7	L7	L7
LED COLOUR	●●	●	●●	●●	●
OPERATING TIME IN HOURS WITH 1 BATTERY	7 AH 25 AH 50 AH	400 1400 2300	500 1700 3300	130 450 900	250 900 1800
DIMENSIONS	195 X 360 X 105 MM				

LED WARNING LIGHTS.

UNBREAKABLE LENS. WORKS WITH 1 OR 2 6V 4R25 BATTERIES.

METAL BRACKET, RECHARGEABLE VERSION AND OTHER COLOURS ON REQUEST.

MODEL	D-STAR 2 →					FLASHLED	SUPER FLASHLED
CERTIFICATION EN 12352	L6	L7	L7	L7	L8G	L8L	
LED COLOUR	●●	●	●●	●	● / ●●	●	
OPERATING TIME 25AH IN HOURS WITH 2 BATTERIES	7AH 2800 50AH	800 3300 4500	1000 3000 6600	250 900 1800	500 1800 3600	400/200 1500/750 3000/1500	300 1100 2200
DIMENSIONS	195 X 380 X 95 MM						

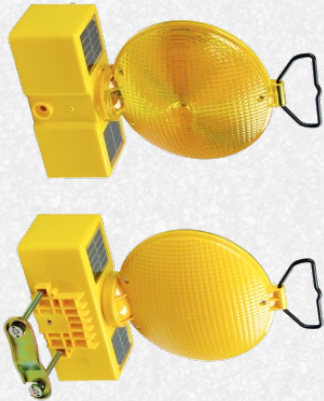


DETAS SPA D-Power division - Via Treponti, 29 - 25086 Rezzato (BS) ITALY
Tel. +39 030 2594120 - info@d-power.com - www.d-power.com
ISO 9001 certified company

SOLAR STAR

Solar LED lights.
SINGLE OR DOUBLE SIDE OPTICS.
PHOTOVOLTALIC MODULE 2x200 mW. BATTERY 4Ah 1.2V NI-MH.
ANTI THEFT BRACKET INCLUDED.

SOLAR STAR			
MODEL			
COMPLIANCE	UNI EN 12352	L6	L6 L3
LED COLOUR		●●	● ●●●
OPERATING TIME w/o SUN	DAYS		35
DIMENSIONS	210 X 310 X 80 MM		



MINI D-LITE / MONO D-LITE

LED WARNING LIGHTS.
IMPORTED MODEL NOT IN COMPLIANCE WITH EN 12352.
METAL BRACKET ON REQUEST.

MODEL	MINI D-LITE	MONO D-LITE
CERTIFICATION	CE (NON COMPLIANCE EN 12352)	
LED COLOUR	●● ●●	●● ●●
OPERATING TIME IN HOURS WITH 1/2 BATTERIES	7 AH 700 260	350 130
DIMENSIONS	185 X 330 X 90 MM	180 X 330 X 105 MM



D2-BASIC 210



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ROAD WORK LED LIGHTS

D4-BASIC 210



ADVANCE WARNING LED LIGHTS.

- SINGLE FLASH.
- WIDE RANGE OF SETTINGS.
- POSSIBILITY OF TWILIGHT FUNCTION.
- WORKS WITH 2 OR 4 BATTERIES 6V 4R25.

MODEL	D2-BASIC 210	D4-BASIC 210
CERTIFICATION EN 12352	L8H - L8M	L8H - L8M
LED COLOUR		
OPERATING TIME IN HOURS WITH 2/4 BATTERIES	7AH	400
	25AH	1400
	50AH	2800
DIMENSIONS	210 X 370 X 113 MM	210 X 420 X 170 MM

D4C-BASIC 302



D4C-BASIC 210



D4C-BASIC 102



ADVANCE WARNING LED LIGHTS.

SINGLE FLASH.

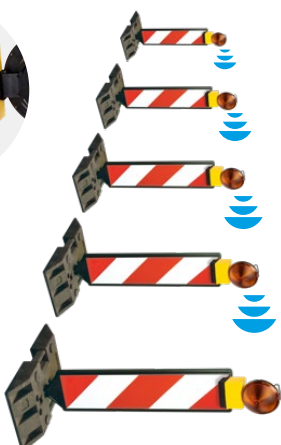
WIDE RANGE OF SETTINGS.

POSSIBILITY OF TWILIGHT FUNCTION.

WORKS WITH 4 BATTERIES 6V 4R25.

MODEL	D4C-BASIC 302	D4C-BASIC 210	D4C-BASIC 102
CERTIFICATION EN 12352	L9H - L9M	L8H - L8M	L2H
LED COLOUR	●	●	●
OPERATING TIME IN HOURS	4 BATT. 7AH	400	700
	4 BATT. 25AH	500	2500
	4 BATT. 50AH	1100	5000
LIGHT DIMENSIONS	1 BATT. 700AH	7600 (316 DAYS)	15200 (630 DAYS)
	1 BATT. 700AH	15200 (316 DAYS)	2800
BOX DIMENSIONS	Ø 333 X 110 MM	Ø 210 X 85 MM	Ø 139 X 19 M

D2-BASIC 210 RADIO SEQUENCE



D2-BASIC210 RADIO AND D4-BASIC210 RADIO WIRELESS SEQUENCE LIGHTS.

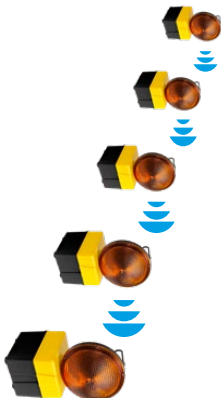
HIGH RELIABILITY.

SEVERAL SETTING POSSIBILITIES.

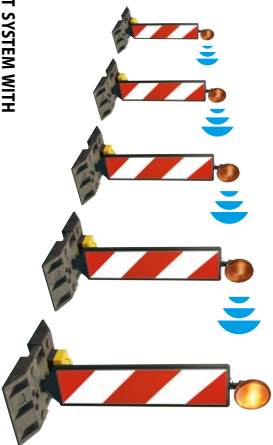
D4-BASIC 210 RADIO SEQUENCE



MODEL	D2-BASIC 210 RADIO	D4-BASIC 210 RADIO
CERTIFICATION	EN 12352 L8H - L8M	L8H - L8M
LED COLOUR	●	●
OPERATING TIME FAST SEQ.	7 AH 25 AH 50 AH	205 HRS 750 HRS 1500 HRS 3000 HRS
MOUNTING	BRACKET FOR POLE 48 OR 60 MM	—
DIMENSIONS	210 X 370 X 113 MM	210 X 420 X 170 MM



D4C-BASIC 210 RADIO SEQUENCE



LED SEQUENCE LIGHT SYSTEM WITH

WIRELESS RADIO TECHNOLOGY.

MIN. DISTANCE BETWEEN LIGHTS 1 M, MAX. 80 M.

NO LIGHTS LIMIT

USER SELECTABLE FUNCTIONS: TWILIGHT SWITCH, FAST SEQUENCE, NIGHT GUIDE LIGHT.

RADIO MOD. ALSO AVAILABLE WITH SYNCHRONOUS FLASH.

CERTIFICATION EN 12352	D4C-BASIC 210 RADIO: L8H - L8M		
INPUT VOLTAGE	12 V		
OPERATING TIME FAST SEQ.	7 AH: 410 HRS	25 AH: 1500 HRS	50 AH: 3000 HRS
MOUNTING	PANEL ADAPTER, BRACKET FOR 48 OR 60 MM POLE		

LED SEQUENCE LIGHT SYSTEM SELF-CONFIGURING.

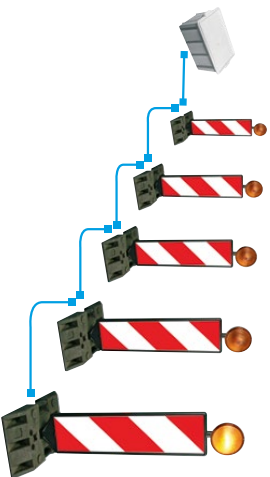
ALL THE LIGHTS ARE THE SAME MODEL.

ELECTRONIC CONTROL INTEGRATED INTO THE LIGHTS.

STANDARD DAY AND NIGHT OPERATION, ON REQUEST ONLY NIGHT.

12V STANDARD 230VAC INPUT ON REQUEST.

CERTIFICATION EN 12352	BASIC 210: L8H - L8M		
SEQUENCE TYPE	SELF-CONFIGURING		
INPUT VOLTAGE	12 V		
CONNECTION CABLES	6 - 13 - 19 - 25 - 39 M	POWER SUPPLY CABLE	10 M
MOUNTING	PANEL ADAPTER, BRACKET FOR 48 OR 60 MM POLE		



BASIC 210 SEQUENCE WITH CABLE



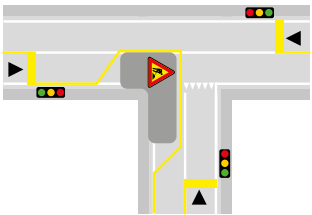
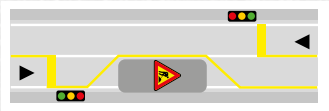
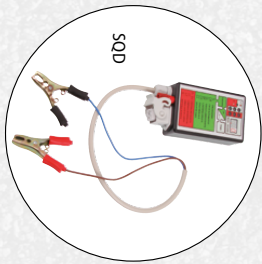
SL19

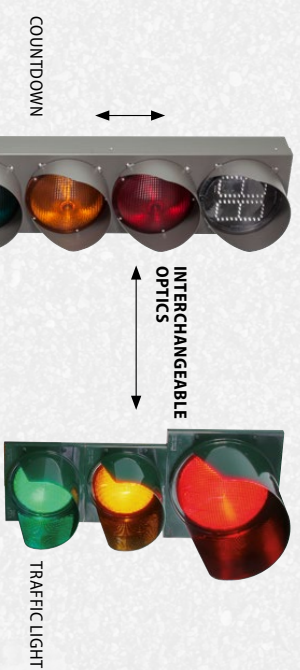
TEMPORARY LED TRAFFIC LIGHTS



THE SL19 MODEL IS COMPLETELY FOLDABLE, AND ALLOWS YOU TO PLACE THE TRAFFIC LIGHT INSIDE THE CART. THIS FEATURE MAKES THE PRODUCT MORE COMPACT AND PROTECTS THE TRAFFIC LIGHT DURING TRANSPORTATION.

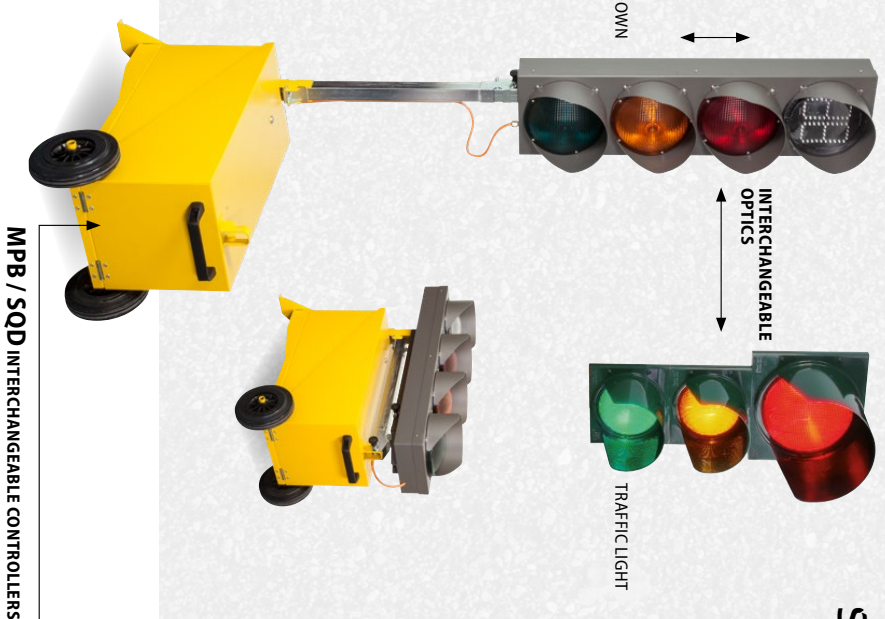
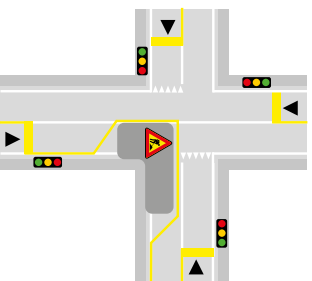
SL19 MPB / SL19 SQD	
CERTIFICATION	CE
LED COLOUR	● Ø 200 ● Ø 200 ● Ø 200
OPERATING TIME 90 AH BATTERY	360 HRS
DIMENSIONS (BENDED)	400 X 740 X 420 MM
ADJUSTABLE HEIGHT	1520 → 1820 MM



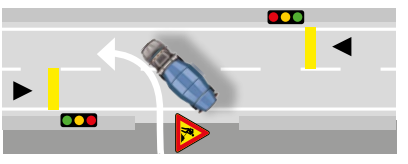
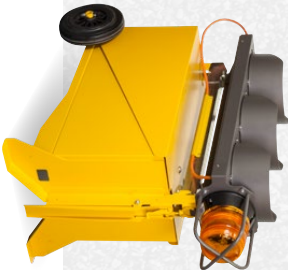
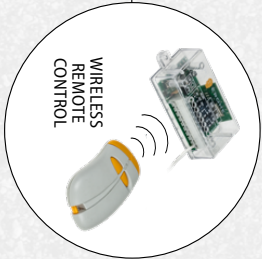
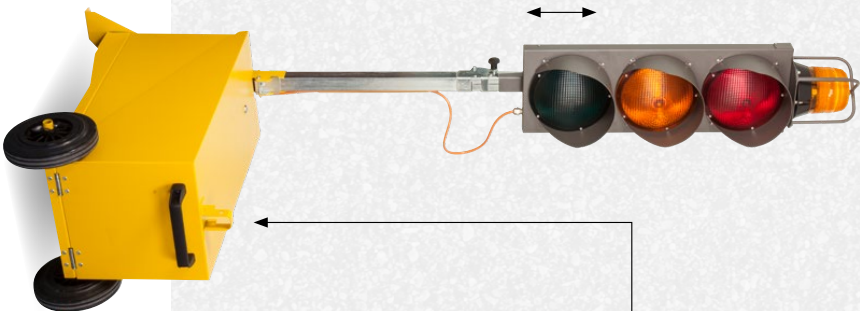


SQD ELECTRONIC CONTROLLER
WITH QUARTZ SYNCHRONIZATION.
EACH CONTROL UNIT MANAGES ONE TRAFFIC LIGHT.
USABLE ONLY **FOR ALTERNATE ONE-WAY**.
4 OPERATING MODES: AUTOMATIC, FLASHING, MANUAL, STANDBY (OFF WITHOUT LOSING THE SYNCHRONIZATION).

MPB ELECTRONIC CONTROLLER
EACH REMOTE CONTROL MANAGES UP TO **4 GROUPS**
OF 4 TRAFFIC LIGHTS. USABLE FOR ALTERNATE ONE-WAY, T INTERSECTION AND 4-WAY INTERSECTION.
4 OPERATING MODES: AUTOMATIC, FLASHING, RED, STANDBY (OFF WITHOUT LOSING SYNC).



SL16 MPB / SL16 SQD	
CERTIFICATION	EN 12368 / CE
LED COLOUR	● Ø 200 ● Ø 200 ● Ø 200 / 300 MM
OPERATING TIME 90 AH BATTERY	TRAFFIC LIGHT OPTICS: 430 HRS COUNTDOWN OPTICS: 360 HRS
DIMENSIONS (BENDED) ADJUSTABLE HEIGHT	450 X 700 X 850 MM 1800 → 2050 MM



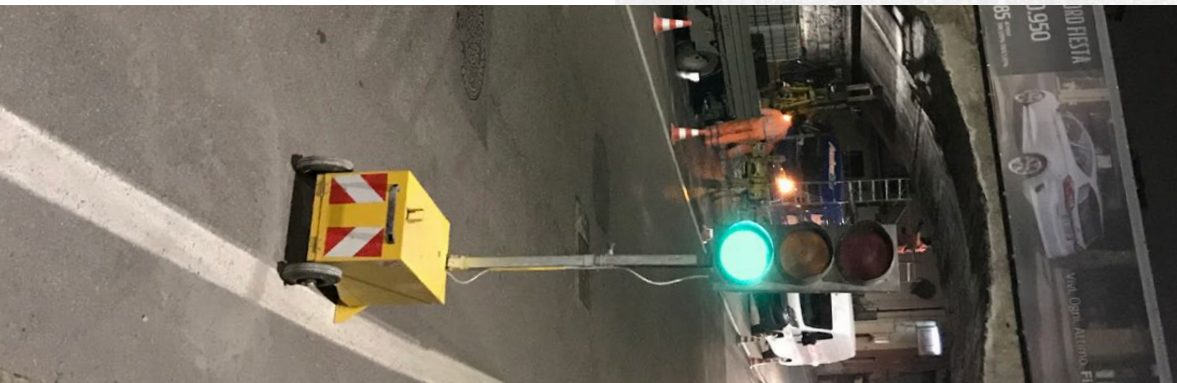
SL16 MANUAL	
CERTIFICATION	CE
LED COLOUR	● Ø 200 ● Ø 200 ● Ø 200 MM
OPERATING TIME 90 AH BATTERY	360 HRS
DIMENSIONS (BENDED) ADJUSTABLE HEIGHT	450 X 700 X 850 MM 1800 → 2050 MM

SL16 MANUAL

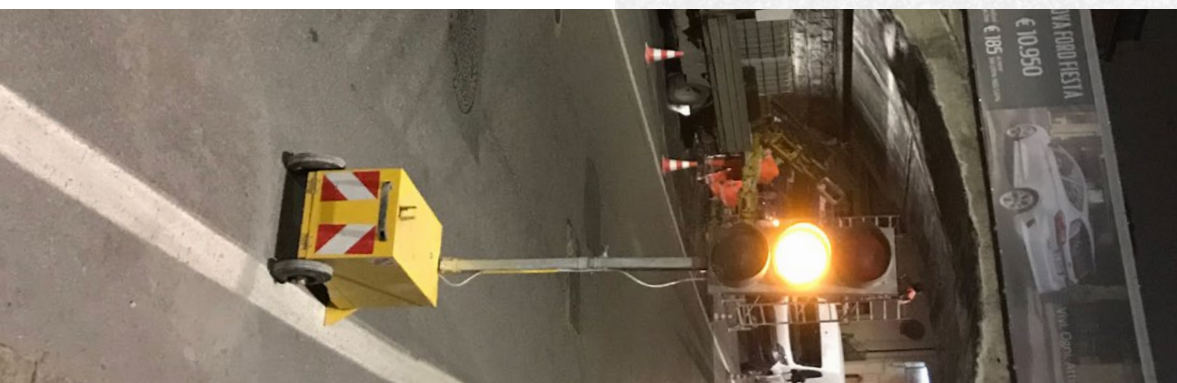
THE DEVICE IS EQUIPPED WITH A **WIRELESS REMOTE CONTROL** TO ACTIVATE MANUALLY THE GREEN OR THE RED LIGHT. THE LED BEACON PLACED ON TOP OF THE TRAFFIC LIGHT IS VISIBLE AT 360° AND IT'S CONNECTED TO THE RED PHASE AS A FEEDBACK FOR THE OPERATOR USING IT.

IT IS IDEAL FOR ALL SITUATIONS WHERE VEHICLE TRAFFIC MANAGEMENT IS NOT REGULAR AND MUST THEREFORE BE MANUALLY ADJUSTED: **TEMPORARY STOPPING THE TRAFFIC TO ALLOW THE EXIT OF VEHICLES FROM A CONSTRUCTION SITE, PEDESTRIAN CROSSINGS NEAR SCHOOLS, ETC.**

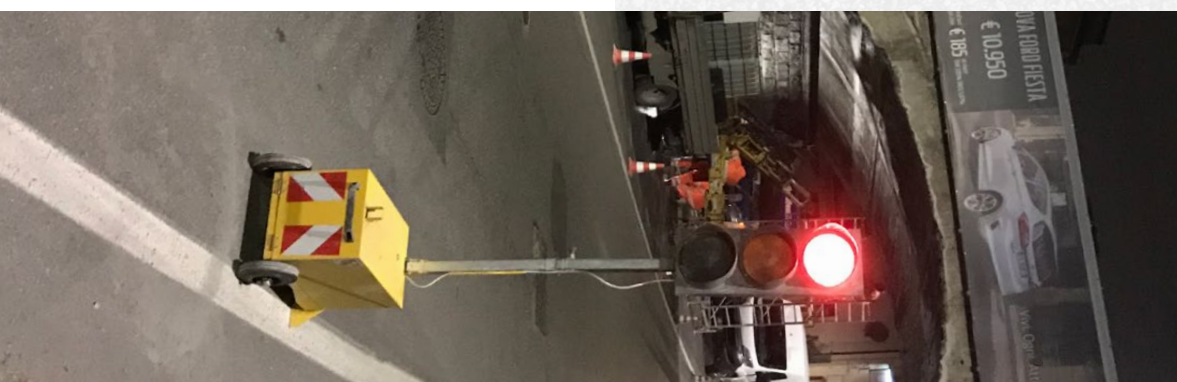
TEMPORARY



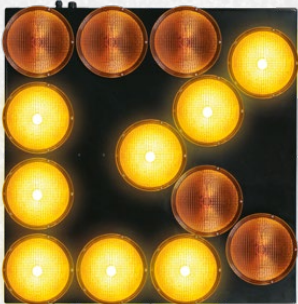
LED



TRAFFIC LIGHTS



ISS SERIES

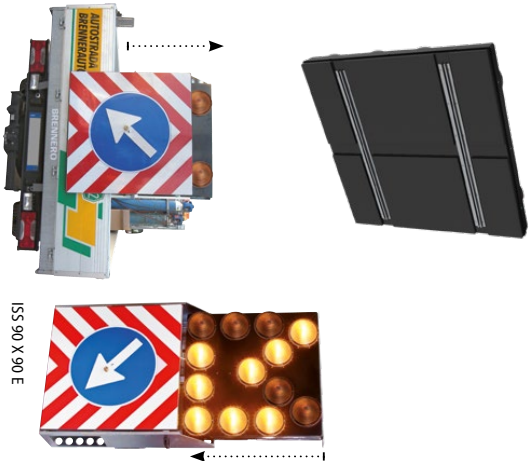


DIRECTIONAL LED ARROWS.






VERSIONS WITH 8 OR 13 LIGHTS.

AVAILABLE MODELS WITH ELECTRICAL MOTORIZATION (ISS 90x90 E).

DIRECTIONAL ARROWS



ISS 90 X 90 E

ISS 90x90			
CERTIFICATION	BASIC 211 EN12352 L8H		
LED COLOUR			
POWERED BY	12/24 VDC		
MODEL	<div><div> 13 LIGHTS</div><div> 13 LIGHTS</div><div> 13 LIGHTS</div><div> 8 LIGHTS</div></div>		
POWER CONSUMPTION	30 AH	30 AH	
DIMENSIONS	900 X 900 X 105 MM		






ISS 60x60			
CERTIFICATION	BASIC 102 EN12352 L2H		
LED COLOUR			
POWERED BY	12 VDC 24 VDC ON REQUEST		
MODEL	<div><div> 13 LIGHTS</div><div> 13 LIGHTS</div><div> 13 LIGHTS</div><div> 8 LIGHTS</div></div>		
POWER CONSUMPTION	28 AH		
DIMENSIONS	600 X 600 X 65 MM		

FIG. 400 - FIG. 401

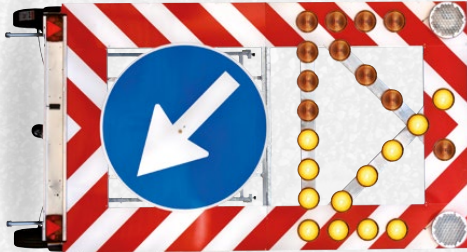
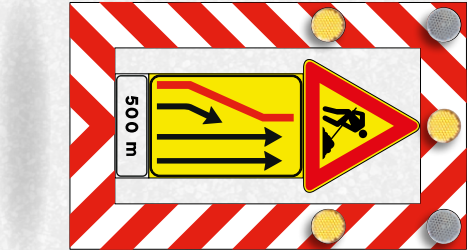


FIG. 400

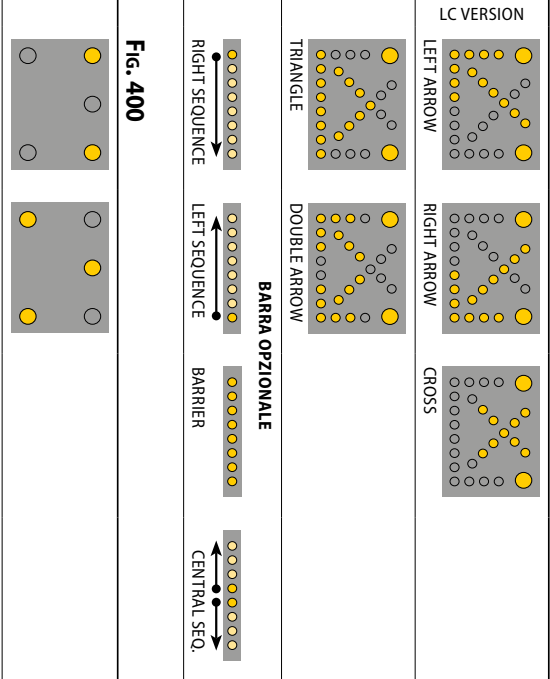
FIG. 401

LED LIGHT TRAILERS

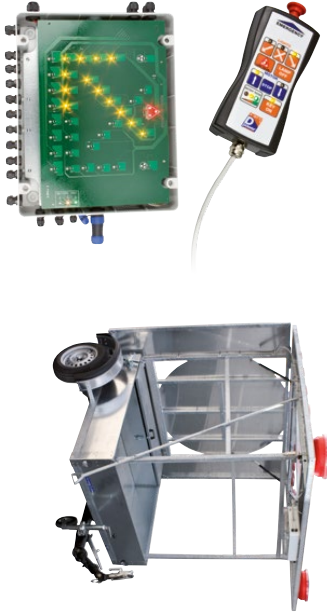
LIGHT TRAILERS MAX. 750 KG OR JUST THE SIGNALING PANEL.
CUSTOM DESIGN WITH 23-25 LIGHTS AVAILABLE.
AVAILABLE COMPLETELY AUTOMATIC MOTORIZED VERSION.
CONTROL UNIT WITH LED INDICATION OF THE ARROW POSITION AND REMOTE CONTROL.
WIRELESS REMOTE CONTROL ON REQUEST.

CERTIFICATION	BASIC 211 EN12352 L8H BASIC 302 EN12352 L9H		
LED COLOUR	●		
POWERED BY	12/24 VDC	POWER CONSUMPTION	FIG. 400: 72 AH FIG. 401: 120 AH


Fig. 401





REMOTE CONTROL AND
CONTROL UNIT






ACCESSORIES

ADAPTER FOR Ø40 MM PANELS	METAL BRACKET
	

ANTI THEFT METAL BRACKETS		
POLE: Ø48 MM (MAX. Ø50)	POLE: Ø60 MM (MAX. Ø80)	POLE: Ø90 MM
		

MULTIFUNCTION KEY	BASIC 102 ADAPTER
	

SIGNALLING PANEL
DIMENSIONS 290 X 1330 X 50 MM
<ul style="list-style-type: none">• WITHOUT FILM• WITH DOUBLE SIDE EG CLASS 1 FILM• WITH DOUBLE SIDE HI CLASS 2 FILM


RUBBER BASE
DIMENSIONS 800 X 400 X 120 MM
WEIGHT 27 KG ±15%
 


4R 25 6V BATTERIES			
	PACKING WEIGHT	PACKING	
7 AH	15 KG	24 PCS	
25 AH	15 KG	20 PCS	
50 AH	17 KG	20PCS	
5 AH RECHARGEABLE	0.8 KG	1 PC	



AIR-ALKALINE BATTERIES			
360 AH - 6 V	6,1 KG	LIGHT CHEAP COMPACT	FOR WARNING LIGHTS UP TO 1 YEAR AUTONOMY AND FOR SEQUENCE SYSTEMS.
700 AH - 12 V	19,8 KG		
0% CD - 0% HG			



RECHARGEABLE BATTERIES 12 V - DEEP CYCLE AGM			
7 AH	2,3 KG		
12 AH	4 KG		
18 AH	5,7 KG		
45 AH	15 KG		
90 AH	30 KG		



BATTERY TESTER	
	

D4 BOX	
DIMENSIONS	150 X 165 X 235 MM
	

BATTERY CASE	
DIMENSIONS	680 X 410 X 320 MM
	

NX230



LED TORCHES

S4

NX270



RECHARGEABLE AND MAGNETIC LED FLOOD LIGHT.

3 OPERATING MODES: 100% - 30% INTENSITY AND BLINKING FUNCTION.
CHARGED BY VEHICLE CHARGING CABLE OR 230/12V BATTERY CHARGER.

ALUMINIUM BODY.

STEEL BRACKET.

POLYCARBONATE LENS.

POWER	15 W	BRIGHTNESS	1200 LM
POWERED BY	RECHARGEABLE LITHIUM BATTERY 7.4 V - 4.4 AH	PROTECTION	IP65
RUNTIME	3 HRS (STEADY LIGHT 100%)	CHARGING TIME	7 HRS
DIMENSIONS	115 X 220 X 100 MM	MOUNTING	MAGNETIC



LED RECHARGEABLE TORCH WITH SIGNALLING KIT.

3 OPERATING MODES: 100%-50% INTENSITY AND BLINKING FUNCTION.

CHARGED BY VEHICLE CHARGING CABLE OR 230/12V BATTERY CHARGER.

RED-YELLOW CONES AND TRIPOD PROVIDED.

LIGHT BEAM	5° X 800 M	BRIGHTNESS	140 LM
POWERED BY	4.8 V - 2.2 AH	PROTECTION	IP65
RUNTIME	3 HRS (STEADY LIGHT 100%)	CHARGING TIME	8 HRS
DIMENSIONS	Ø55 X 265 MM	MOUNTING	ADAPTER

EMERGENCY LED KIT FOR DANGEROUS ZONES, ACCIDENT ETC.

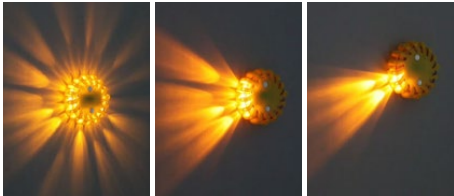
9 DIFFERENT FLASHING PATTERNS.

CHARGING FROM THE MAINS OR CIGARETTE LIGHTER.
LITHIUM-ION BATTERY, RUNTIME FROM 5 TO 60 HOURS.
MAGNETIC, SHOCK RESISTANT AND WATERPROOF.



WATCH THE VIDEO:

[HTTP://WWW.YOUTUBE.COM/
WATCH?v=CvDtqvQAS6A](http://www.youtube.com/watch?v=CvDtqvQAS6A)



6 LIGHT KIT



SINGLE LIGHT KIT

ZEUS

POWERED BY	6 VDC	BRIGHTNESS	>1600 CD
BATTERIES	N.1 4R25 N.4 D SIZE (ADAPTER INCLUDED)	RUNTIME	48 HRS FULL BRIGHTNESS
DIMENSIONS	100 X 120 X 170 MM	PROTECTION	IP65

LED TORCH

POWERED BY	3 VDC	LED COLOUR	● (STEADY) ● (STEADY/FLASH)
BATTERIES	NR. 2 1.5 V TYPED	RUNTIME	60 HRS (STEADY) 120 HRS (FLASH)
DIMENSIONS	Ø 40 X 550 MM	PROTECTION	IP65

IMPULSE 102



ZEUS

LED TORCHES



LED TORCH / LED SIGNALLING DISC



AXIOS



SOME POSSIBLE SETTINGS

LED LIGHTBAR



CONTROLLER

MODULAR LED LIGHTBAR

THE REVOLUTIONARY AXIOS MODULAR LED LIGHTBAR SYSTEM TAKES SAFETY TO A NEW LEVEL. CHOOSE FROM SEVEN HIGH-PERFORMANCE LED LIGHTING OPTIONS WITH EXCLUSIVE DropLock™ TECHNOLOGY THAT FEATURE SIMPLE TWIST-LOCK PLACEMENT VIRTUALLY ANYWHERE IN THE BAR.

THE INCLUDED KEYPAD CONTROLLER OPERATES ALL **NINE FUNCTIONS** OF THE LIGHTBAR AND FEATURES SOFT-GLOW BACKLIT SWITCHES AS WELL AS VISUAL INDICATORS THAT TEMPORARILY SIMULATE THE SELECTED FLASH PATTERN.

THE AXIOS LIGHTBAR MEETS THE FOLLOWING STANDARDS: SAE CLASS I, CALIFORNIA TITLE 13 E ECE R65 ECE R6, R7 E R10.


AXIOS IS AVAILABLE IN **FOUR CHASSIS LENGTHS** AND WORKS AT **12/24V**.

ALL AXIOS LIGHT BARS INCLUDE AN ALUMINUM CHASSIS WITH SOLID STATE ELECTRONICS, THREE OR FIVE PIECES OF POLYCARBONATE LENSES (DEPENDING ON THE LENGTH OF THE CHASSIS), A KEYPAD CONTROLLER, AN ELECTRICAL JUNCTION BOX AND THE NUMBER OF MODULES SELECTED WHEN PURCHASED.




WITH MOUNTING FEET


EUROPEAN APPROVAL	ECE R65, R6, R7, R10
COLOURS	●
INPUT VOLTAGE	12/24 VDC
MOUNTING	FIXED
LENGTHS	1000 MM - 1200 MM - 1500 MM - 1800 MM
HEIGHT	76 MM (127 MM WITH MOUNTING FEET)
WIDTH	267 MM




DIRECTIONAL LED MODULE



LED BEACON MODULE



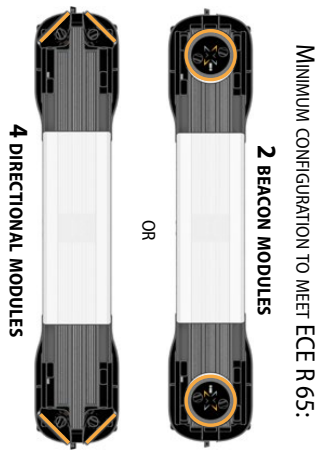
LED WORKLAMP MODULE- 900 LM



LED ALLEY LIGHT MODULE



LED SAFETY DIRECTOR MODULE



CHASSIS LENGTH	MAX. INSERTABLE DIRECTIONAL MODULES IN ADDITION TO THE MODULES OF THE MINIMUM CONFIGURATION
100 CM	4
120 CM	8
150 CM	12
180 CM	16



WATCH THE VIDEO:
[HTTPS://YOUTU.BE/XDANFW0bPk](https://youtu.be/XDANFW0bPk)



BLAZE LED



HIGH INTENSITY LED MINI BAR WITH 8 REFLECTOR MODULES.
17 SELECTABLE FLASH PATTERNS.

EUROPEAN APPROVAL	ECE R65
LED COLOUR	●
INPUT VOLTAGE	12/24 VDC
AVERAGE POWER CONSUMPTION	5.1 A
MOUNTING	FIXED OR MAGNETIC
DIMENSIONS	381 X 79 X 229 MM

5565 SERIES



LED LIGHTBAR

88

70 SERIES



ULTRA BRIGHT LED LIGHT BAR, LONG-LIFE LED'S MAINTENANCE-FREE.
360° LIGHT OUTPUT. OPAL CENTRAL SECTION. SOLID ALUMINIUM STRUCTURE.

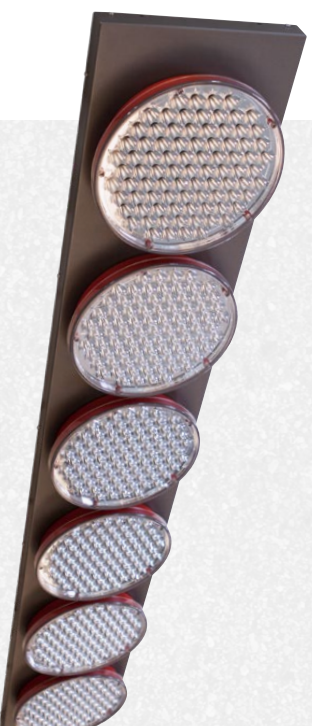
EUROPEAN APPROVAL	ECE R65
LED COLOUR	●
BEACON	2 4
INPUT VOLTAGE	12/24 VDC
AVERAGE POWER CONSUMPTION	3.6 A 6.6 A
MOUNTING	FIXED
AVAILABLE LENGTHS	742 MM 1000 MM 1212 MM

SLIM PROFILE AND ULTRA-BRIGHT LED LIGHT BAR WITH MINIMUM AERODYNAMIC IMPACT.
LOW CURRENT DRAW. LONG LIFE LED'S MAINTENANCE-FREE. 360° LIGHT OUTPUT.
BUILT-IN 33 SELECTABLE FLASH PATTERNS. 7 STANDARD CONFIGURATIONS ECE R65.
OPTIONAL CONTROL UNIT.

EUROPEAN APPROVAL	ECE R65
LED COLOUR	●
INPUT VOLTAGE	12/24 VDC
AVERAGE POWER CONSUMPTION	7.2 A
MOUNTING	FISSO
DIMENSIONS	1220 MM - 1370 MM - 1520 MM

BASIC BAR 304

DIRECTIONAL LIGHT BAR WITH
CONTROL HEAD RIGHT / LEFT / FLASHER.
LENGTH 222 CM,
WITH EXTERNAL CONTROLLER.
6 BASIC304 LED LIGHTS
APPROVED TO EN 12352 L9H.
12 OR 24 V.



BASIC BAR 210

DIRECTIONAL LIGHT BAR WITH
CONTROL HEAD RIGHT / LEFT / FLASHER.
LENGTH 130 CM.
WITH EXTERNAL CONTROLLER.
5 BASIC210 LED LIGHTS
APPROVED TO EN12352 L8H.
12 OR 24 V.



BASIC BAR 102

DIRECTIONAL LIGHT BAR WITH
CONTROL HEAD RIGHT / LEFT / FLASHER.
LENGTH 100 OR 110 CM,
WITH EXTERNAL CONTROLLER.
5 BASIC102 LED LIGHTS
APPROVED TO EN 12352 L2H.
12 V.



LED LIGHTBARS

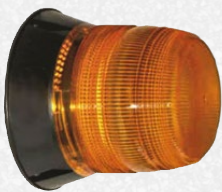
400 S ERIES - ROTATOR



ROTATOR FOR INDUSTRIAL AND SAFETY VEHICLES.

EUROPEAN APPROVAL	ECE R65
COLOUR	●
INPUT VOLTAGE	12/24 VDC
POWER CONSUMPTION	4.6 A @ 12 V
MOUNTING	FIXED OR MAGNETIC
DIMENSIONS	Ø165 X 150 MM

400 SERIES



LED BEACON FOR OR INDUSTRIAL AND SAFETY VEHICLES.
AVAILABLE BLUE VERSION FOR LAW ENFORCEMENT VEHICLES.

EUROPEAN APPROVAL	ECE R65
LED COLOUR	● ●
INPUT VOLTAGE	12/24 VDC
POWER CONSUMPTION	0.72 A @ 12 V
MOUNTING	FIXED OR MAGNETIC
DIMENSIONS	Ø140 X 152 MM F Ø140 X 165 MM M

GDO LED



LED BEACON FOR OR INDUSTRIAL AND SAFETY VEHICLES.
AVAILABLE BLUE VERSION FOR LAW ENFORCEMENT VEHICLES.

EUROPEAN APPROVAL	ECE R65
LED COLOUR	● ●
INPUT VOLTAGE	12/24 VDC
POWER CONSUMPTION	0.9 A @ 12 V
MOUNTING	MAGNETIC
DIMENSIONS	192 X 127 X 124 MM

ED3300 SERIES

LED LIGHT BAR.

DIRECTIONAL ARROW WITH CONTROL. HEAD RIGHT / LEFT / FLASHER.
WITH EXTERNAL CONTROLLER.

LED COLOUR	●
INPUT VOLTAGE	12 / 24 VDC
MAX. POWER CONSUMPTION	1,6 A
MOUNTING	FIXED
DIMENSIONS	1232 X 51 X 76 MM

VEHICLE VARIABLE MESSAGE SIGN.

AVAILABLE MOTORIZED VERSION,
80 MESSAGES.

LED COLOUR	●
INPUT VOLTAGE	12 VDC
MOUNTING	FIXED OR MAGNETIC
DIMENSIONS	LENGTH: 500 O 1000 MM 102 X 64 MM



VARIABLE MESSAGE SIGN

VEHICLE WARNING LIGHTS

RA20



RA40



NCC3-A / NCC6-A



VEHICLE WARNING LIGHTS


92

NCC44







3 or 6 LED MODULES.

DO NOT REQUIRE ANY EXTERNAL CONTROLLER.
SEVERAL FLASHING PATTERNS.

EUROPEAN APPROVAL	ECE R65	
LED COLOUR		
INPUT VOLTAGE	12 / 24 VDC	
AVERAGE POWER CONSUMPTION	0.3 A @ 12 V 1.5 A @ 12 V	NCC3-A NCC3-A
MOUNTING	FIXED	
DIMENSIONS	94 X 39 X 34 MM 142 X 30 X 35 MM	

4 LED MODULES.

DO NOT REQUIRE ANY EXTERNAL CONTROLLER.
SEVERAL FLASHING PATTERNS.

EUROPEAN APPROVAL	ECE R65	
LED COLOUR	   	
INPUT VOLTAGE	12 / 24 VDC	
MAX. POWER CONSUMPTION	0.8 A @ 12 V	
MOUNTING	FIXED	
DIMENSIONS	146 X 45 X 24 MM	

WIRED REMOTE CONTROL.

CABLE WITH CONNECTOR L=500 MM.

UV RAY AND SALTWATER RESISTANT.

INPUT VOLTAGE	12 VDC	LUMINOUS INTENSITY	400.000 CD
POWER CONSUMPTION	65 W	AVERAGE AMP. DRAW	5.5 A
MOUNTING	FIXED / SUCTION CUP	ROTATION	370° X 135° VERTICAL
DIMENSIONI	165 X 178 X 178 MM		



ON REQUEST WHITE COLOUR.

WIRELESS REMOTE CONTROL.

WEATHERPROOF FOR LAND AND SEA APPLICATIONS.

INPUT VOLTAGE	12 VDC	LUMINOUS INTENSITY	500.000 CD
POWER CONSUMPTION	65 W	AVERAGE AMP. DRAW	5.5 A
MOUNTING	FIXED	ROTATION	370° X 135° VERTICAL
DIMENSIONI	170 X 182 X 206 MM		



GOLIGHT 2020



GOLIGHT STRYKER 3051



DTS-LED POINT



DTS-LED POINT 12



DTS-LED POINT 18



DTS-LED POINT 24



DTS-LED POINT 40



LED work lights for fixed mounting on vehicles.

White light (6500K), luminous beam 60°.

High efficiency optics (93%).

LED powered singularly: one single failure doesn't compromise the functionality of the light body.

Protection: IP67.

Models	Power cons.	Input voltage	Luminous flux	Dimensions
DTS-LED POINT 6	18 W	9÷32 VDC	1260 LM	96 X 79 X 64 MM
DTS-LED POINT 12	36 W		2520 LM	164 X 79 X 64 MM
DTS-LED POINT 18	54 W		3780 LM	232 X 79 X 64 MM
DTS-LED POINT 24	45 W		6480 LM	355 X 80 X 85 MM
DTS-LED POINT 40	75 W	24 VDC	10800 LM	560 X 80 X 85 MM



