LA SEMAFORICA

GALILEO

Environment-friendly traffic light with an innovative design

Complete with CE marking according to EN12368:2006 performed at accredited laboratories

LA SEMAFORICA, a company with over 70 years of experience in the construction of traffic-lights, presents a new revolutionary product : **GALILEO**.

The innovative design, the compact and modern shape, the environmental friendliness, obtained by using an exclusive low power Led lighting source, make **GALILEO** the traffic light of the twenty first century

GENERAL CHARACTERISTICS

GALILEO is a contemporary, stylish and slim traffic light. It offers the following benefits:

- ECO compatible, it respects the environments by reducing the emission of CO2, derived from electricity production
- Slim and modern design, it is ideal to use it in historical city and town centers
- Use of STARLED2 optic as light source
- Available in diameter 200 and 300 mm, modular & hybrid version, with red aspect of 300 mm, yellow and green of 200 mm.
- Strong and durable, it's producted with first choice polycarbonate
- Can be recycled in an environmentally
- Not accessible by unauthorized operators, but also designed to simplify and reduce manteinance

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- Available in standard colours: black, green and other colours
- Horizontal and vertical installation with catchers sunshades
- CVE previous model traffic light attacks available, also the accessories such as contrast panels and mask with all symbols
- Available two types of coupled rings to choose two different views
- Weight reduced by 20% compared to others traffic lights in market
- Better security and visibility with operating costs reduced by 90%, compared to traditional traffic lights with incandescent lamps

CONSTRUCTION FEATURES

Developed following the idea of turning traffic lights in an innovative product, Galileo has smooth curves reminding the perfect cicles of the compass invented by Galileo Galilei. By using only LEDs, Galileo is not only the most revolutionary Italian traffic light, but it's also environmentally friendly.

Galileo is available in two configurations, depending on the costumer's preferred style. By changing the coupling ring between the modules, it can have either a traditional style or a new shape where the three modules seems to be independent.

From a more technical point of view, Galileo has quick graft doors, opening to 180° for easier access, two latch-point, with a system that allows only trained technicians to open it, lenses moulded with doors.

The visor hood connects quickly with four anti-accidental fall fixing points.

Galileo can be turned and installed in horizontal position.

Modular support fastening, on pole diameter 102 mm, upper, lower or equal, with anti-rotation system, usable and compatible with the majority of other supports, supplied by other manifacturers.

The same fastening (fixing brackets B/U) can be set, with band-it metal clamps.

Available on request, fastening for overhead pole or special attacks.

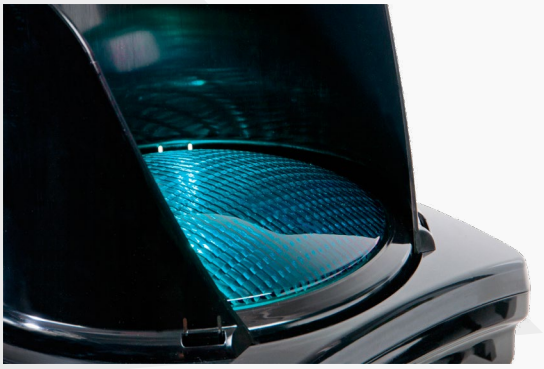
ADVANTAGES

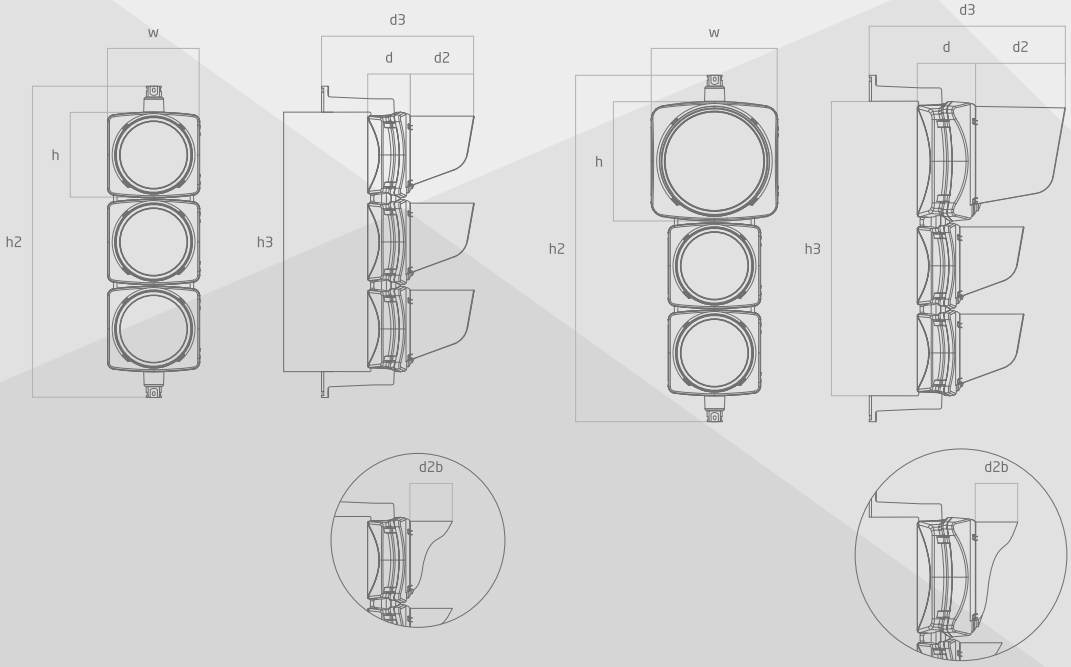
This innovative traffic light with LED optical system offers several benefits compared to traditional solution with incandescent bulbs. The main advantages are:

- Reduction of maintenance costs thanks to:
- Consumption reduced of 90%
- No need of maintenance or lamp change
- Higher lifetime (about 10 years)
- higher safety thanks to the reduction of phantom effect, which is the cause of false signals due to sun rays reflection
- Available with all directional masks and symbol types provided for by the Highway Cod

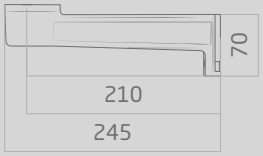
TECHNICAL FEATURES

Material	Bayer ® Makrolon® UV-stabilized polycarbonate
Impact Resistance	Acc.to EN60598-1 Class IR3 Acc. to EN12368:2006
IP rating	IP55 Acc. to EN60529 Class IV Acc. to EN12368:2006
Insulation Class	Class II
Standard Colours	Black Green Gray Yellow Orange Other colours or combination front-backside available on request
Diameters	200mm 300mm 200mm and 300mm can be coupled
Optic	200mm e 300mm Starled2
Temperature range	-40°C +60°C Acc. to EN60068-2-1-14 Class A,B,C Acc. to EN12368:2006
Vibration resistance	Acc. to EN60068-2-64
Damp heat resistance	Acc. to EN60068-2-30
Signal light with symbol	Class S1
Background screen of signal light	Class C1, C2, C3, C4





ADT



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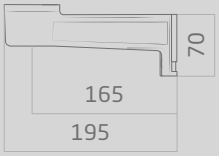

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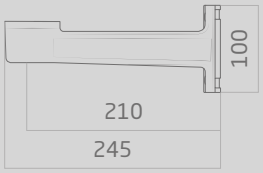

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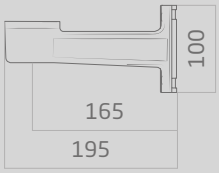

Lens Diameter	Number of aspects	w	h	h2	h3 ADT/ADTC	h3 ADW/ADWC	d	d2	d2b	d3 ADT/ADW	d3 ADTC/ADWC
200mm	1	265	246	394	254	194	110	196	130	480	429
	2			640	500	440					
	3			890	750	690					
300mm	1	363	346	490	350	290	152	273	130	599	548
	2			835	695	635					
	3			1192	1052	992					
300mm 200mm 200mm	3	363	346	995	855	795	152	273	130	599	548

All dimensions in mm

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