



Available in different colors

The body and the brackets are both painted with a paint resistant to environmental effects. The signal head is available in the following standard colours:

Black
Green
Gray
Yellow
Orange

Other colours or combination front-backside available on request



MARTIN
SYLVESTER
CONSULTANT | ATKI

ATKI has many years of experience with traffic signals and intersection construction. Martin is ready to assist you, should you have any questions.

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ATKI CVE-LED

POLYCARBONATE TRAFFIC SIGNAL HEAD

- Modular system of stackable elements Ø 200 mm and 300 mm
- Reduced consumption, up to 90% less than the traditional bulbs
- CE certification in accordance with EN12368:2006
- Rapid insertion doors with two locking points that prevent it from accidental fall. The doors can open/rotate 90°. The lenses are molded with the doors.
- Waterproof electrical connections with a terminal box in the body of the signal head
- Maintenance free. Easily replaceable bulbs.

SOLID TRAFFIC LIGHT WITH LED OPTICS

The signal head is constructed from polycarbonate with an elevated mechanical strength, colored at the origin in paste, UV stabilised, autoextinguishing.

The traffic light uses LED modules with 4 high luminosity and efficiency Rebel LEDs. The module is self-contained and the housing has a protection degree IP55. It includes the electronic driver and a double lens: Fresnel lens to improve light beam directivity and external lens to stabilise the optics. Plastic masks with anti-rotation system and various symbols are available.

LED signal heads have several advantages over the traditional ones with incandescent bulbs such as reduced consumption costs, absence of maintenance, longer lifetime (about 10 years) and increased safety due to reduced phantom effect.

Quick insertion sun visor. Different locking positions allow the signal head to be mounted both horizontally and vertically. Brackets for modular supports for Ø 102 mm poles. They can be used with Band-It and, upon request, can be provided with adapters for flat surfaces.

Upon request, the signal head can be provided with holders for overhead poles or wires.

**SEE BACK FOR
TECHNICAL DATA**



TECHNICAL DETAILS

Material	Bayer® Makrolon® UV-stabilized polycarbonat
Diameters	200mm 300mm 200mm and 300mm can be coupled
Optic	STARLED2
Impact resistance	Acc.to EN60598-1 Class IR3 Acc. to EN12368:2006
Ingress protection	IP55 Acc. to EN60529 Class IV Acc. to EN12368:2006
Insulation class	Class II
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

Possible to combine 200mm
and 300mm aspects



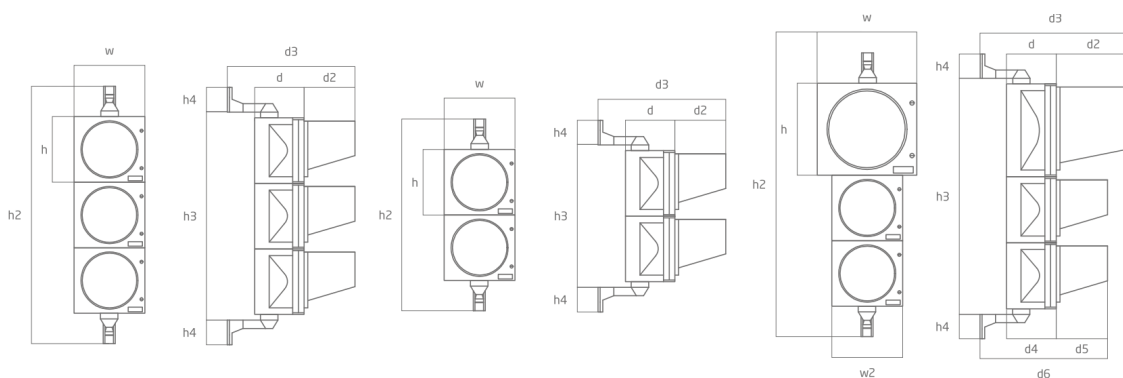
'Big Head'
vehicle signal



ENERGY CONSUMPTION

TRAFFIC SIGNAL HEAD	Ø 200 mm	yearly consumption	Ø 300 mm	yearly consumption
Consumption with incandescent lamps	70 W	613 kWh	100W	876 kWh
Consumption with Leds	7 W	61 kWh	7 W	61 kWh
Energy saving		90 %		93 %

*Data based on the comparison between signal heads with incandescent lamps and signal heads with Starled2 led lamps, for illustrative purposes only.



Lens Diameter	Number of Aspects	w	w2	h	h2	h3	h4	d	d2	d3	d4	d5	d6
200mm	1	265	/	245	385	245	70	185	195	445	/	/	/
	2				640	500							
	3				883	743							
300mm	1	365	/	345	495	355	70	185	275	525	/	/	/
	2				845	705							
	3				1185	1045							
300mm 200mm 200mm	3	365	265	345	983	843	70	185	275	525	185	195	445

All the dimensions are in mm.