

## Available in different colors

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

**Black (RAL 9005)**  
**Green (RAL 6009)**  
**Gray (RAL 7035)**



**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 ALU

### ALU-BASED LED TRAFFIC SIGNAL HEAD

- A modern and innovative design with thin lines with no rough edges. Its thin body reduces the aesthetic impact of the signal
- Full CE marking in accordance to EN12368:2015 with both coloured and neutral lenses
- Available with three different power sources each with normal and dimmerable function
- Unique aluminium body signal head equipped with individually openable doors that swing 90° with two locking points
- Vertical and horizontal mounting options
- Vandal proof construction

### DESIGN & OPTICAL BRILLIANCE

The lantern is available with 200 and 300 mm lenses and due to its thin and harmonic lines, coupled with a robust and durable frame, it blends in any urban context, giving a sense of refinement and elegance.

Equipped with optical LED IP65 monoblock series STARLED2 that guarantee maximum brightness and reliability combined with a high energy saving. The hoods are attached to the body with three pressure locks and can be installed both vertically and horizontally. The mounting brackets are also made of aluminium and feature a rotation preventing system.

They are available in two lengths, 180 and 90 mm. They can be fixed both with screws and Band-it. Simple to install both vertically and horizontally.

The lantern can be installed with only the bottom bracket, with the top part of the body closed, without the mounting point of the bracket.

- Masks with every symbol available
- Easy to maintain
- Degree of protection IP55
- Available with various backing boards and customizable branding (logo etc.)
- A class II system of internal wiring

**SEE BACK FOR  
TECHNICAL DATA**



## TECHNICAL DETAILS

Material	Aluminium Bayer ® Makrolon® UV-stabilized polycarbonate
Diameters	200mm 300mm
Optic	STARLED2
Impact resistance	Acc.to EN60598-1 Class IR3 Acc. to EN12368:2015
Ingress protection	IP55 Acc. to EN60529 Class IV Acc. to EN12368:2015
Temperature range	-40°C +60°C Acc. to EN60068-2-1-14 Class A,B,C Acc. to EN12368:2015
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



Design meets optical performance



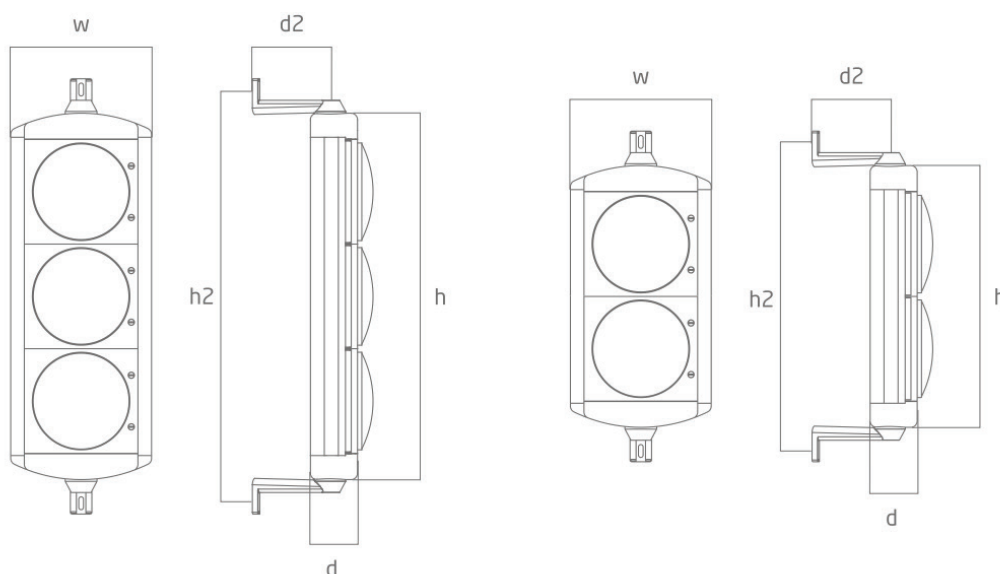
**Sleek design,**  
stylish and solid.



## ENERGY CONSUMPTION

TRAFFIC SIGNAL HEAD	Ø 200 mm	yearly consumption	Ø 300 mm	yearly consumption
Consumption with incandescent lamps	70 W	613 kW/h	100W	876 kW/h
Consumption with Leds	8 W	70 kW/h	8 W	70 kW/h
Energy saving		88,5%		92%

\*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	h	h2	d	d2	weight Kg
200mm	1	327,6	362	473,5 ±10	109,5	184 / 110	4,8
	2		605	717 ±10			7
	3		850,6	962 ±10			10,2
300mm	1	432,8	464,8	575 ±10	130,5		9,3
	2		808	938 ±10			12,4
	3		1152	1262 ±10			18,6

All the dimensions are in mm.