



# FLAT-Light TGS Series 4

Excellent circular taxiway & runway guidance sign

# The world's only specialist in runway & taxiway guidance signs for airport operations

We are AAS International. We are All About Signs. We specialise in the development and supply of runway and taxiway guidance signs for airport operations worldwide.

## Our signs are

- ▶ Built on 30 years of experience and expertise in airfield signs
- ▶ ICAO/EASA/FAA-compliant
- ▶ Circular by design
- ▶ Compatible with all types of CCR including CEDD infrastructure
- ▶ Reliable and durable, comes with five-year warranty
- ▶ Innovative thanks to our exclusive focus on guidance signs

## Discover the FLAT-Light TGS Series 4

Specially designed as information, direction, and position indicators for runways and taxiways. Installation of our LED illuminated signs saves significant time. The signs can be powered by a constant current regulator, CEDD infrastructure, mains power system, or renewable source such as solar energy. The FLAT-Light TGS S4 adds a distinctive modular circular design. As a result, we can offer you fast delivery.



## Take a closer look

The FLAT-Light TGS S4 - the latest generation of taxiway guidance signs - has unparalleled features, thanks to the applied innovations.



### Sustainable dual LED technology

Illumination is based on sustainable dual LED technology in combination with a light emitting panel with excellent light distribution. The dual LED string brings contingency to another level.

### Energy efficient, IP67 & maintenance free

All metal parts are made of anodized aluminium; fitted in a frame and mounted to poles on footplates with frangible couplings for mode 2 or mode 3 operations. The FLAT-Light TGS S4 is highly energy efficient, has an unparalleled IP67-rating and is maintenance-free.

### For runways and taxiways

The FLAT-Light TGS S4 is a dedicated sign for runways and taxiways, to be used as direction, destination or boundary sign, mandatory instruction sign, runway exit sign and runway location sign. The sign can be connected to any AGL circuit 2.2A to 6.6A, CEDD or 230Vac.

### Remote monitoring functionality

Is provided through a PLC connector or Fail Open circuit triggered by predetermined light output.

### Compliance with guidelines

The FLAT-Light TGS S4 is tested and certified by independent institutes in accordance with the following requirements:

- › EASA CS-ADR-DSN
- › ICAO Annex 14 - Aerodromes Volume I
- › FAA advisory Circular 150/5345-44
- › EMC Directive
- › CE conformity
- › IP67 rating

### Trusted for life

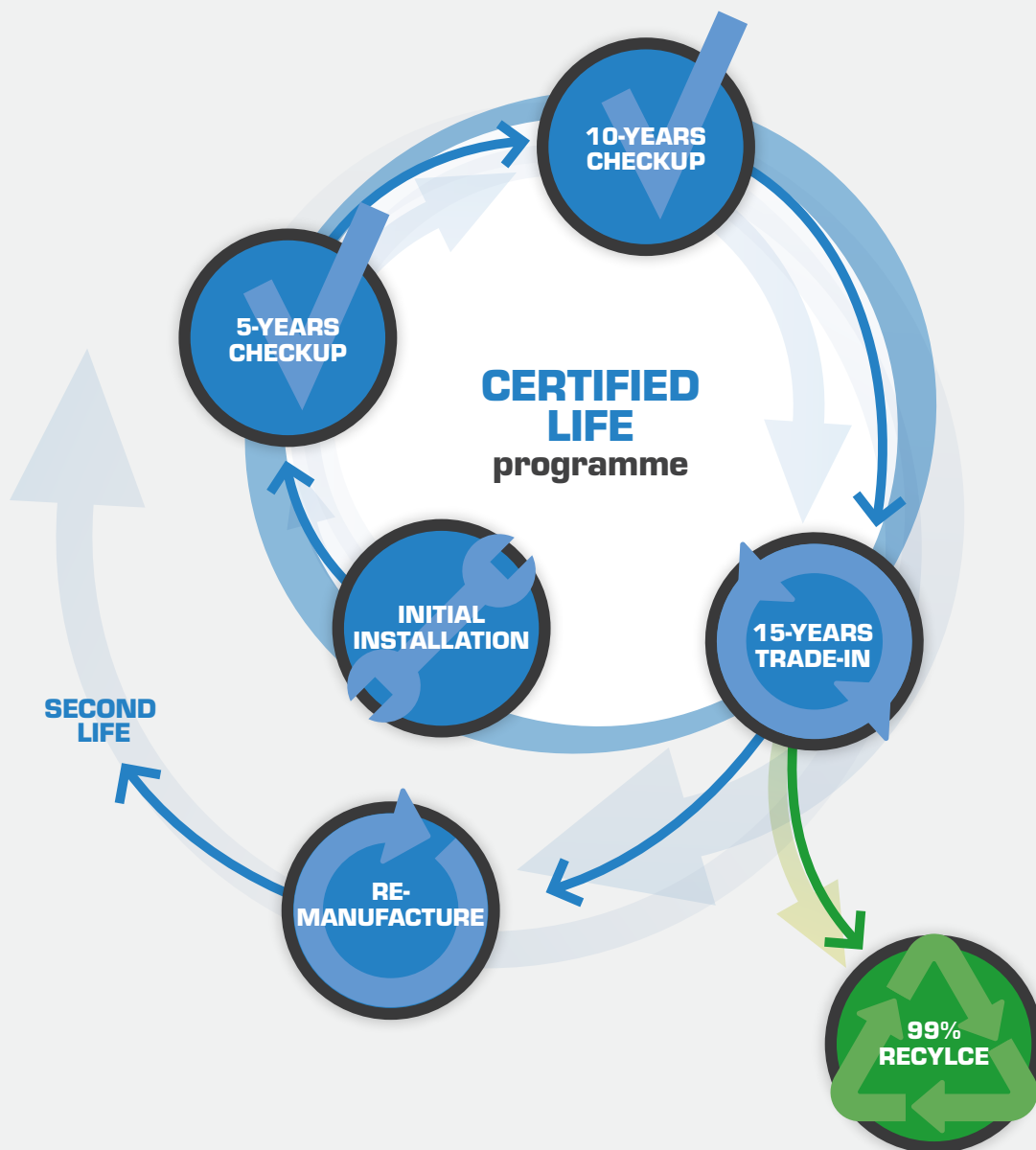
- › Five-year warranty - terms and conditions apply
- › Extended warranty up to 2.5 years after health and compliance check
- › Mid-life refurbish/replace programme
- › Trade-in at end-of-life option
- › Contingency Plan Scenarios are available



## Focus on sustainability and circularity

While developing the FLAT-Light TGS S4 sign, we placed maximum emphasis on sustainability and circularity. This is reflected in the lifespan and materials used.

No less than 99% of the materials are recyclable. With our Certified Life Programme, we extend the lifespan of our products with extra focus on sustainability and circularity. If you are interested in this programme, please contact us to discuss the possibilities.



# Technical & performance specifications

## Power supply

PSU-007 2.2A~6.6A	PLC	FAIL OPEN
Non-dimming	■	■
3-step dimming	■	■
5-step dimming	■	■
Communication	■	
Thyristor CCR	■	■
Sine Wave CCR	■	■

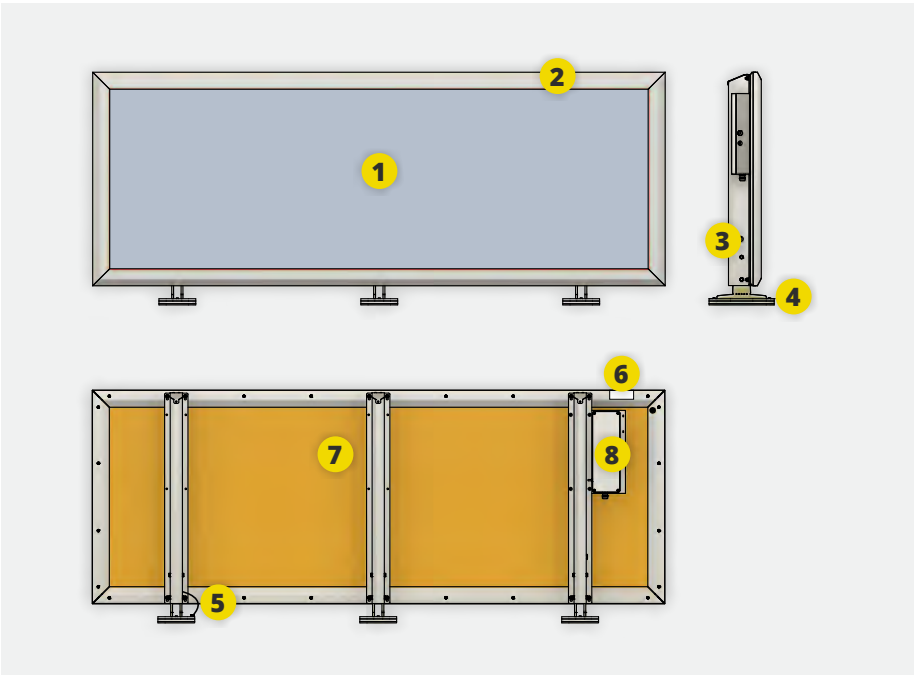
## Power consumption

At 6.6A and depending on the regulator configuration.

MINIMUM	MAXIMUM
5W	27W
Smallest sign	Largest sign
Yellow background	Red background

## Materials

PART	MATERIAL
1 Text panel/facia	4 mm Polycarbonate
2 Frame	Anodized aluminium
3 Pole	Anodized aluminium
4 Foot plate	Anodized aluminium
Frangible coupling	Anodized aluminium
5 Safety cable	Stainless steel
6 Identification and information tag	
7 Casing back side	Aluminium sandwich panel
8 Terminal box	Aluminium

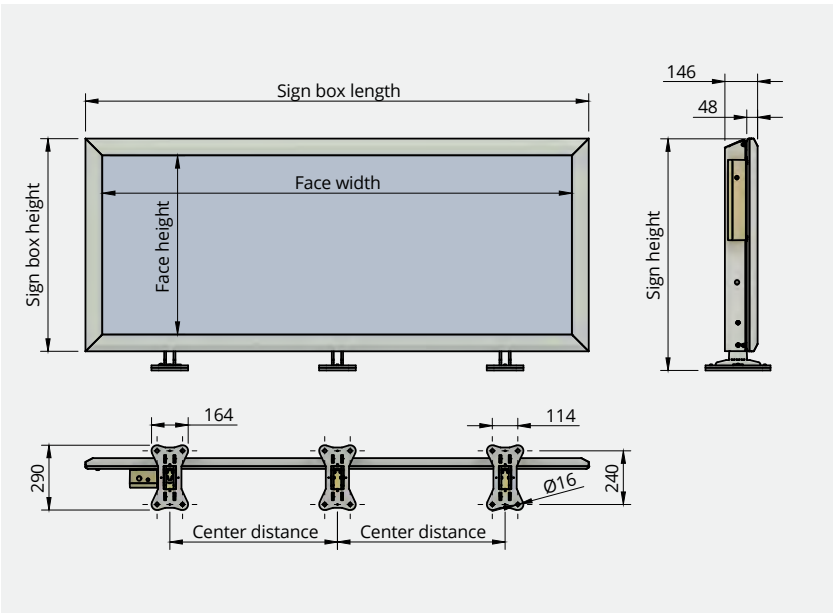




# Technical & performance specifications

## Available dimensions

FACIA		SIGN DIMENSION		SIGN BOX	SIGN INCL. POLE	TOTAL	POLES
Height (mm)	Length (mm)	Height (mm)	Length (mm)	Thickness (mm)	Thickness (mm)	Height (mm)	Number
600	900	750	1.050	48	146	840	2
600	1.200	750	1.350	48	146	840	2
600	1.500	750	1.650	48	146	840	2
600	1.800	750	1.950	48	146	840	2
600	2.100	750	2.250	48	146	840	3
600	2.400	750	2.550	48	146	840	3
600	2.700	750	2.850	48	146	840	3
600	2.850	750	3.000	48	146	840	3
800	900	950	1.050	48	146	1.040	2
800	1.200	950	1.350	48	146	1.040	2
800	1.500	950	1.650	48	146	1.040	2
800	1.800	950	1.950	48	146	1.040	2
800	2.100	950	2.250	48	146	1.040	3
800	2.400	950	2.550	48	146	1.040	3
800	2.700	950	2.850	48	146	1.040	3
800	2.850	950	3.000	48	146	1.040	3





# We are **All About Signs**



## **The world's only specialist in runway & taxiway guidance signs for airport operations**

We are AAS International. We are All About Signs. We specialise in the development and supply of runway and taxiway guidance signs for airport operations around the world. Our unique focus on airfield lighting allows us to fully understand customers' requirements. Far-reaching insight into your needs drives valuable developments and innovations. That's why we Are All About signs.

Our history combines over 30 years of experience and expertise in developing and supplying runway and taxiway guidance signs for airport operations worldwide.

**[aasinternational.nl](http://aasinternational.nl)**