

AST α - Automatic controller

FULLY AUTOMATIC BRIGHTNESS CONTROL OF LIGHTING SYSTEMS



AST α



The AST α with touchscreen is the latest generation of automatic controllers from OLIGO Lichttechnik GmbH – surface controls. It can be operated directly via the TFT touchscreen display. Equipped with a special sensor, surface brightness and band speed are detected and the lighting is adjusted automatically.

AST α is used in: audit sites, light booths, light tunnels and other areas



Features

- Display**
 - 10.1" VGA TFT display
 - With fully integrated touchscreen
- Interfaces**
 - 1 x Powerlink
 - 1 x Ethernet 10/100 Mbit/s
 - 2 x X2X Link Master
 - 2 x USB 2.0
- Outputs**
 - 24 DSI outputs (expandable to max. 72)
 - Control up to 840 surface control optics

Technical specifications

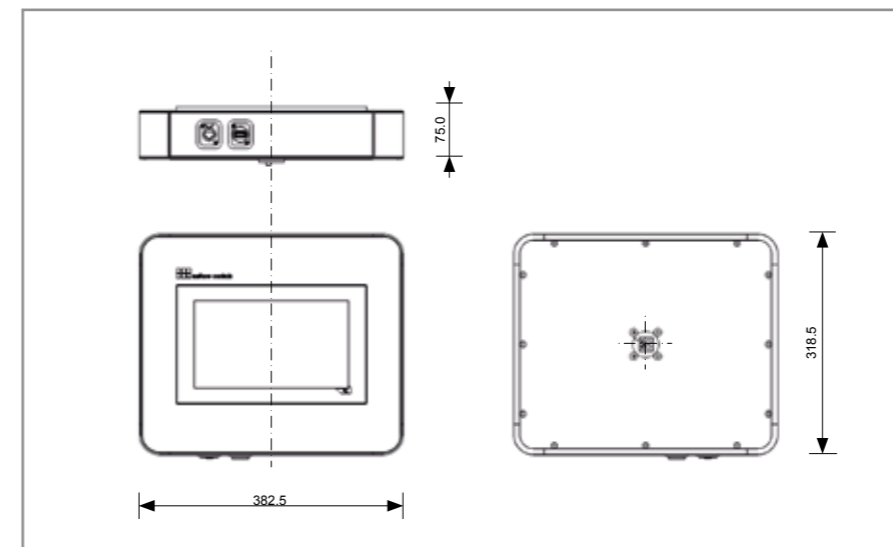
- Permitted ambient temperature** +5°C to +35°C
- Supply voltage**
 - Controller: 24 V DC
 - Junction box: 100-240 V AC
- Power consumption** 20 watt
- Frequency** 50-60 Hz
- Degree of protection**
 - Controller: IP54
 - Junction box: IP54
- Protection class** I

Special information

- Fully automatic adjustment of the lighting intensity
- Easy and convenient to operate
- Minimal wiring
- Selection of various menu languages
- Automatic error code and error display

Quality criteria

- LABS-free
- CE label
- EAC certification
- Protected against shortcircuits and overload



Exterior and mounting dimensions AST α . All data in mm.

System components

- Automatic controller
- Junction box of the controller
- Brightness attachment
- Junction box for the brightness attachment
- Ultrasound sensor

Optional accessory

- Expansion module

Order number	System components	Dimensions in mm (WxHxD)	Housing material	Weight in kg
M307AS001AZ-EN	Automatic controller with touchscreen and analog band signal	382.5 x 318.5 x 75.0	Stainless steel	approx. 5.9
	incl. junction box of the controller	400 x 400 x 120	Steel sheet, RAL7035 powder coated	approx. 8.5
	incl. brightness attachment	300 x 150 x 80	Steel sheet, RAL7035 powder coated	approx. 3.6
	incl. junction box of the brightness attachment	400 x 200 x 120	Steel sheet, RAL7035 powder coated	approx. 3.6
	incl. ultrasound sensor	80 x 80 x 34	Acrylonitrile butadiene styrene (ABS)	approx. 0.2

