

Console Controller V4



Compliance to standards

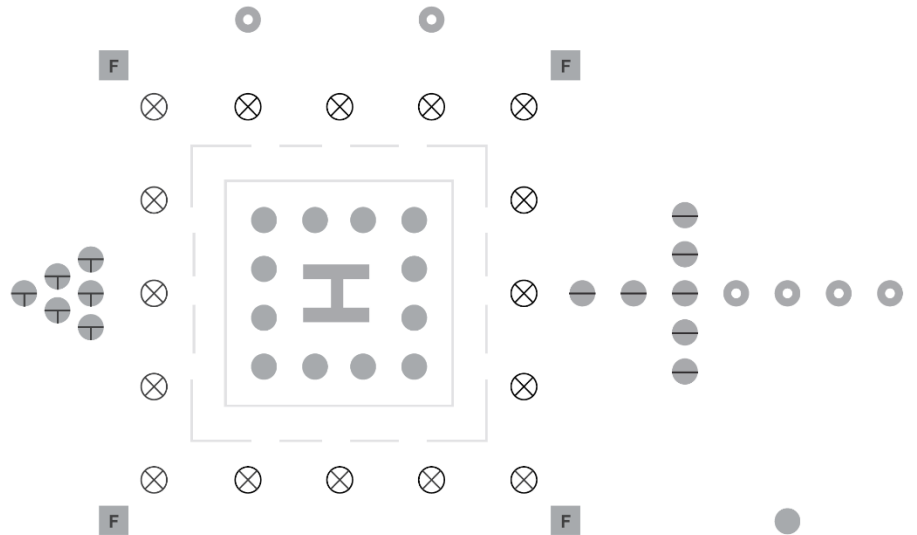
ICAO:
Annex 14, Volume II - Heliports

EMC emission:
EN55032 (CISPR32) Class B
EN61000-3-2 Class A
EN61000-3-3
EAC TP TC 020

EMC immunity:
EN61000-4-2,3,4,5,6,8,11
EN55024, light industry level, criteria A
EAC TP TC 020

Application

Controllers for heliport and airport lighting systems.



- Aiming Point Lights
- ⊗ FATO Lights
- Floodlights
- Approach Lights
- Taxiway Lights
- TLOF Lights
- Approach
- Beacon Light

Features

Console Controller is a remote-control device compatible with Controller V4.

The controller has different circuits ON/OFF factory configurable:

- 48 V DC - max 500 W, dimmable
- 1,4 A constant current - max 500 W, dimmable
- 230 V AC - max 2000 W - not dimmable

Settings:

- Total or individual circuits brightness level control (dimming) - 10%, 30% and 100%
- Stand by
- Total OFF
- Circuits ON/OFF

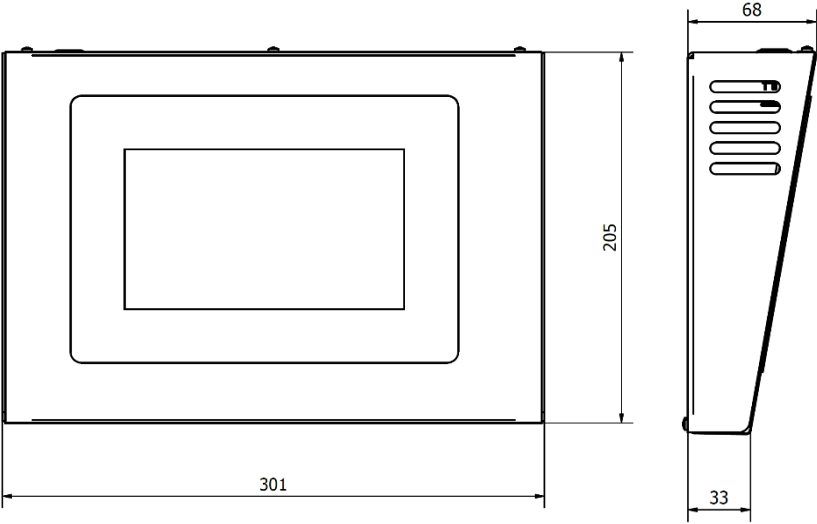
Display showing:

- Brightness level
- System Status
- Individual circuits ON or OFF
- Errors occurred
- GSM network



Monitoring errors:

- Lights error - if after two consecutive power readings the total power is different with more than 5 W then there is a possible error of the lights. A message is displayed on the display and BEEP.
- Circuit error, if after two consecutive power readings the total power is different with more than 20 W then there is a possible error of the circuit. A message is displayed on the and BEEP.
- 3 independent contact readings for devices like: APAPI, SAGA, HAPI - dry contact monitoring errors.

<p>Product Code</p>	<p>AL - 160 - AX</p> <p>Series Indicator (Airfield Lighting) AL Product Indicator 160 Description of product type (accessory) AX</p>
<p>Description</p>	<p>Housing: powder-coated metal (gray) Cable gland: nickel plated brass</p> <p>Remote Console Controller through RS485 protocol communication.</p> 
<p>Electrical Characteristics</p>	<p>Power supply: 110-240 V, 50/60 Hz</p>

Display example

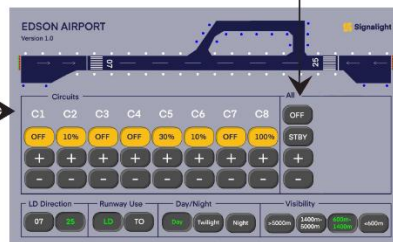


Runway or heliport representation

Individual ON/OFF circuits and brightness level control

All circuits Standby or OFF command

Individual circuits control



All circuits control

Runway or heliport representation

Landing direction

Runway use

Mode

Visibility



Signalight

+40 254 515 465
office@signalight.com

36 Lunca Street, Petrosani,
Hunedoara County, Romania

www.signalight.com