

AES-OBS-19 | Obstruction Light Controller



COMPLIANCE:

- SR EN 61439-1: 2012
- SR EN 61439-2: 2012
- SR EN 60204-1: 2007 - AC: 2013
- 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

GATE CLOSING 30 MINUTES BEFORE DEPARTURE

GAES 454843121451100

BOARDING PASS

NAME OF PASSANGER

FROM:

TO:

DATE

FLIGHT GAES2020

GATE 23

SEAT 21B

GOMINTEC



Uses

Power source for obstruction lights used for marking obstacles, such as: towers, buildings, antennas.

Features



- Designed and built with simplicity and ease of maintenance in mind.
- Device used to control and provide the power requirements of medium and low intensity beacons.
- Test button for monitoring all fixtures.
- Housing made with powder-coated aluminium (gray)
- The photocell is mounted on the front panel of the controller.
- The power supply controller is equipped with a test switch (this option is for medium intensity only).



Electrical Characteristics

- Index Protection: IP 66
- Temperature range: -40° to +55°C

Input voltage	230V AC (90 - 305VAC, 47 - 63Hz complete range)
Output voltage	max. 48V DC for Medium Intensity Obstruction Lights 230V AC for Low Intensity Obstruction Lights

- Protections: Short circuit / Over load / Over voltage / Surge protection / EMI Filter.
- Recommendation: Used cable for power up the obstruction lights must be at least 2,5mm²

AES-OBS-19 | Obstruction Ligh Controller

Order Code

AES - OBS - 19 - AX

Type

AES = Series Indicator (Airfield Lighting)

Category

Obstruction lighting

Product Indicator

19 - Obstruction Light Controller

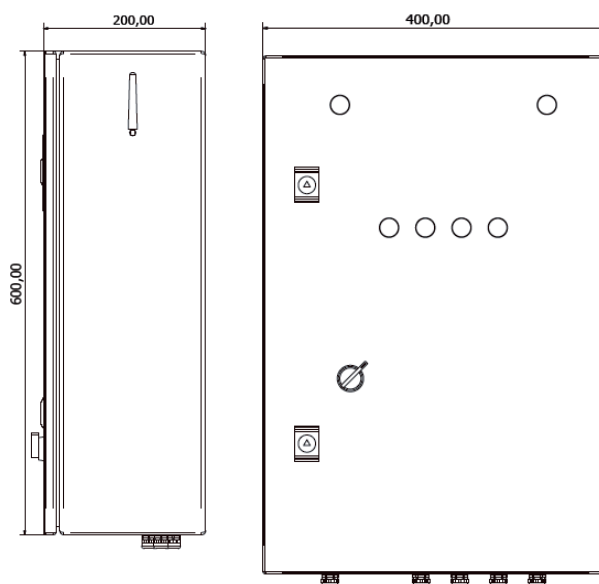
Description of product type

Accessory

Weight and Dimensions

• **Dimensions** 600 x 400 x 200mm

• **Weight** 18 kg



AES-OBS-19 | Obstruction Light Controller

Options

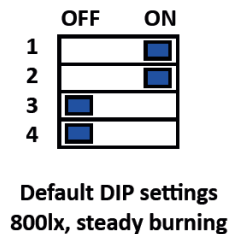
Options to consider before ordering

- Flashing or steady (this option is for medium intensity only). Number of medium intensity obstruction lights that will be powered from controller.
- With or without monitoring and alarm system (this option is for medium intensity only).
- Types of beacons powered from the controller low and /or medium intensity obstruction lights (for low intensity - 230 V AC and optional the photocell can be incorporated in the fixture).
- An UPS can be added to the system to compensate for the lack of mains. The autonomy can be established depending on the system.
- The controller can be equipped with PCFL DIP switches for adjusting:
 1. the flash rate: steady burning, 20fpm, 40fpm and 60fpm
 2. the photocell: OFF (light always on), 200lx, 400lx and 800lx

PCFL DIP switches

DIP 1 DIP 2 PHOTOCELL

OFF	OFF	OFF (light always ON)
ON	OFF	200lx
OFF	ON	400lx
ON	ON	800lx



DIP 3 DIP 4 FLASH RATE

OFF	OFF	STEADY BURNING
ON	OFF	20fpm
OFF	ON	40fpm
ON	ON	60fpm