

SMART BEACON

typ SB2000/L -/ZL -/KL -/ZKL

Electrical parameters

SMART BEACON type	SMART BEACON voltage type	Voltage [V]			Average power consumption [W]	ICAO type	Low intensity obstruction light
		Min.	Typ.	Max.			
SB2000/ L ZL - 10CD ZKL	12 VAC/VDC 48VAC/VDC	10	24	51	< 1,6 (+/- 2%)	A	
SB2000/ L ZL - 10CD ZKL	110 VAC/VDC 230 VAC/VDC	96	110 /230	256	< 1,6 (+/- 2%)	A	
SB2000/ L ZL - 32CD ZKL	12 VAC/VDC 48VAC/VDC	10	24	51	< 2,0 (+/- 2%)	B	
SB2000/ L ZL - 32CD ZKL	110 VAC/VDC 230 VAC/VDC	96	110 /230	256	< 2,0 (+/- 2%)	B	

Certified product, energy-efficient, lightweight and easy to assemble



- Lamp with integrated automatic twilight sensor (model: SB2000 / ZL)
- Lamp with signal status, signal failure of optical components (model: SB2000 / KL)
- Lamp with integrated automatic twilight sensor, lamp with signal status, and signal failure of optical components (model: SB2000 / ZKL)
- low power consumption up to 1,6 W (ICAO type A)
- low power consumption up to 2,0 W (ICAO type B)
- very low weight of the light not exceeding 2,5 kg
- self-contained unit with a protection class of IP65
- enclosure surface protected with antioxidant coatings
- lifetime of active optical components in excess of 100,000 hours
- dedicated connector (connector B) replicating connector A to connect a set of lights to connect a set of lights in chain without any additional electrical boxes (model: SB2000 / L)
- integrated circuit breaker class TII at 36kA to protect against voltage surges as set out in the Polish standard PN-EN 61000-4-5:2009
- operating temperature from -55°C to +55°C / storage temperature from -65°C to +75°C
- Certificate of electromagnetic compatibility (EMC) - external unit accredited.
- Certificate of compliance with the light requirements for low intensity lamps according to ICAO - external unit accredited.

- Installation on the site using a support structure ended with a pipe with a 1" thread, we design and build a dedicated one supporting constructions according to customer requirements - in our portfolio we have over 10 constructions dedicated to various objects and transitional ones for lamps from other manufacturers
- Complies with the requirements of standards set by Federal Aviation Administration (FAA), International Civil Aviation Organization (ICAO), European Aviation Safety Agency (EASA) and Polish Regulation of the Minister of Infrastructure.

Made in Poland

> 32 cd
> 10 cd

22V - 51 V
96V - 256V

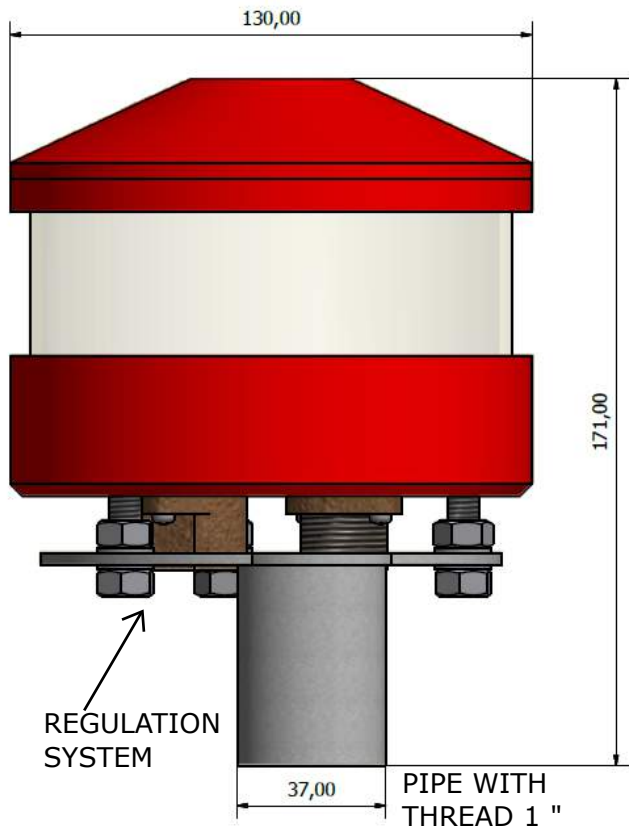
VAC
VDC

< 1,6 W
< 2,0 W

< 2,5 kg

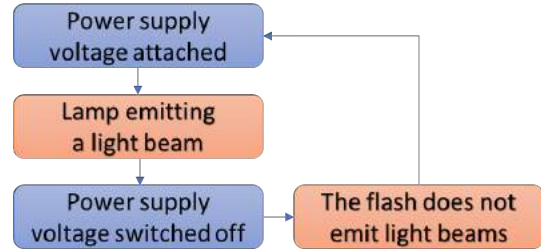


Dimensions of the lamp

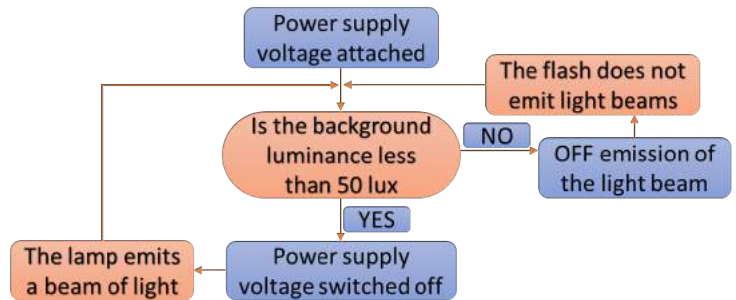


Low-intensity lamp operation algorithms
SMART BEACON series

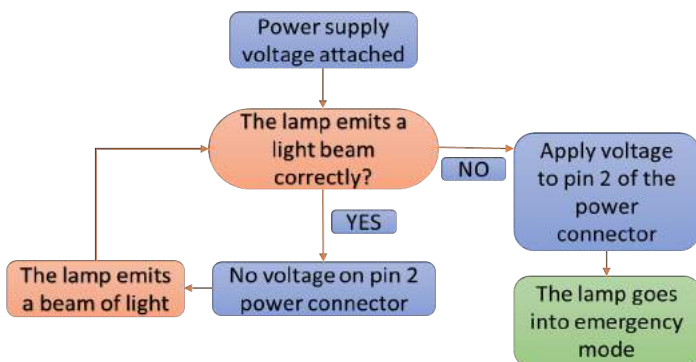
1. For the SB2000/L model



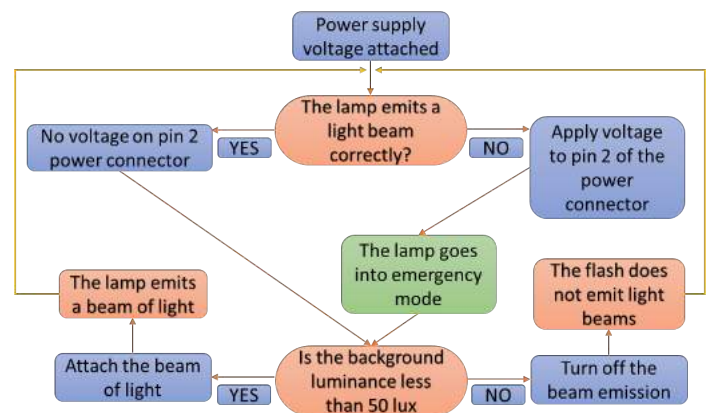
2. For the SB2000/ZL model



3. For the SB2000/KL model



4. For the SB2000/ZKL model



Made in Poland

> 10 cd
> 32 cd

22V - 51 V
96V - 256V

VAC VDC

< 1,6 W
< 2,0 W

< 2,5 kg

