

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 efficiency, very low weight, easy to assemble

Key features:



- 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**
- complies with the requirements of standards set by Federal Aviation Administration (**FAA**), International Civil Aviation Organization (**ICAO**), European Aviation Safety Agency (**EASA**).

Made in Poland

> 10 cd
> 32 cd

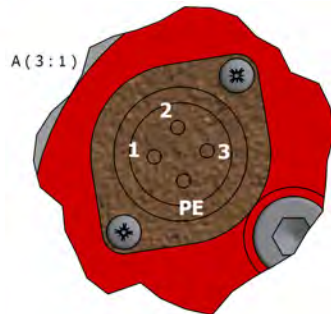
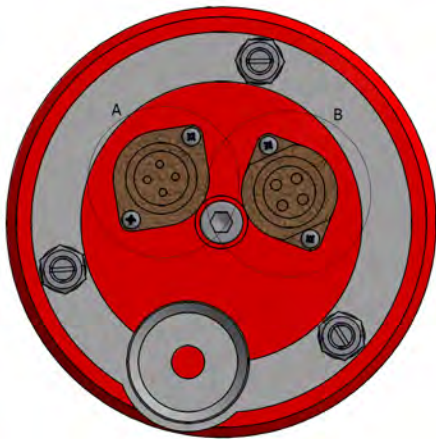
10V - 51 V
96V - 256V

VAC VDC

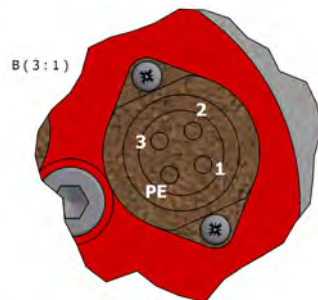
< 1,6 W (type A)
< 2 W (type B)

< 2,5 kg

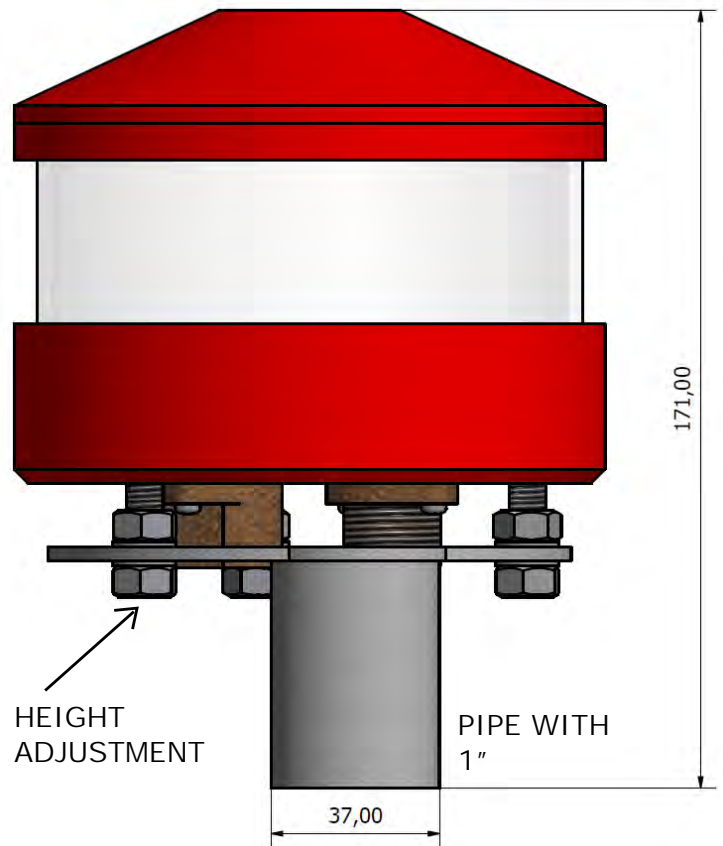
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Connector A, pin 1: power supply (positive cable, PLUS/PHASE, conduit 1)
 Connector A, pin 2: power supply (negative cable, MINUS/NEUTRAL)
 Connector A, pin 3: power supply (positive cable, PLUS/PHASE, conduit 2)
 Connector A, pin PE: PE (ground) conductor



Connector B, pin 1: power supply (positive cable, PLUS/PHASE, conduit 2)
 Connector B, pin 2: power supply (negative cable, MINUS/NEUTRAL)
 Connector B, pin 3: power supply (positive cable, PLUS/PHASE, conduit 1)
 Connector B, pin PE: PE (ground) conductor



Description:

Obstacle light type SB2000/xL in SMART BEACON series has been designed to mark high-rise structures posing obstacles to aircrafts. A compact and light enclosure makes this solution a leader in its category of products.

The light is perfectly suitable as a modern, more efficient and energy-saving replacement for the existing solutions located on structures with a height from several metres above ground level.

The construction of the light is mechanically durable, weather resistant and has high Ingress Protection (IP) rating.

SMART BEACON lights combine top quality with functionality thanks to the state-of-the-art solutions in photonics and industrial automatic control adopted by the designers.

Made in Poland	> 10 cd > 32 cd	10V - 51 V 96V - 256V	VAC VDC	< 1,6 W (type A) < 2 W (type B)	< 2,5 kg	
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