

Low intensity lamp type A or B (ICAO)
Medium intensity lamp type B or C (ICAO)

SMART BEACON

type SB2000/S-EX, SB2000/L-EX

Certified product, energy efficiency, very low weight, easy to assemble



- ◆ **Ex parameters: Ex II 2G ed IIC T3**
- ◆ Low power consumption, continuous operation < **2W** (SB2000/L-EX)
- ◆ Low power consumption, in flash mode < **15W** (SB2000/S-EX) for 20 fpm - controller
- ◆ Low power consumption, continuous operation < **25W** (SB2000/S-EX)
- ◆ Very low lamp weight not exceeding **6,5 kg**
- ◆ Integrated lamp design (light alloys and composites) with a degree of protection of **IP65 or higher**
- ◆ Day/night detection system, synchronized with twilight sensor (SB2000/ZS-EX)
- ◆ Electromagnetic compatibility certificate (EMC)
- ◆ Lifetime of active optical components over **100 000 hours**
- ◆ Mechanical shock resistance, at least **IK10**
- ◆ Product certified for the standard **PN-EN 60079-0:2013**
- ◆ Integrated overvoltage protection class TII (class C) at the level of 36kA protecting against shocks specified in the European and Polish standard **PN-EN 61000-4-5:2009**
- ◆ Operating temperature: From -30°C to +55°C
- ◆ 36 months warranty with the possibility of extension up to 72 months



Made in Poland

10 cd
32 cd

21V-51V
96V-256V

VAC
VDC

< 2 W

< 6,5 kg



Made in Poland

2 000 cd

21V-51V
96V-256V

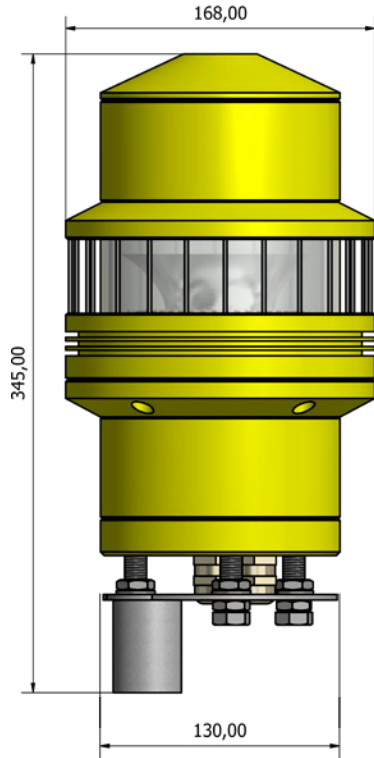
VAC
VDC

< 15 W
< 25 W

< 6,5 kg



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- ◆ Implement the requirements of regulations issued by the Federal Aviation Administration (FAA), the International Civil Aviation Organization (ICAO), the European Aviation Safety Agency (EASA)
- ◆ Mounting on the object by means of a supporting structure ended with a pipe with a 1" thread

Ex II 2G ed IIC T3

II - Group of equipment for use in explosive atmospheres other than mines

2 - Category of equipment used in zones: zone 1 and zone 2

G - Explosive atmospheres of gases, vapours and fogs

e - Equipment with reinforced structure

[N-6 PN-EN 60079-7:2007]

d - Flameproof enclosure [N-5 PN-EN 60079-1:2008]

IIC - explosive group: acetylene, bisulphide, hydrogen

T3 - Temperature class: 200°C - 300°C

Electrical parameters:

Series lamp type SMART BEACON	Supply voltage	Supply voltage VAC/VDC			Average level of power consumption [W]	Type according to ICAO
		Min.	Typ.	Max.[V]		
SB2000/S-EX-24V	24 VAC/VDC	21	24	51	< 25 (+/-2%) < 15 (+/-2%)	C B
SB2000/S-EX-110V	110VAC/VDC	92	230	256	< 25 (+/-2%) < 15 (+/-2%)	C B
SB2000/S-EX-230V	230 VAC/VDC	92	110	256	< 25 (+/-2%) < 15 (+/-2%)	C B
SB2000/L-EX-24V	24 VAC/VDC	21	24	51	< 2 (+/-2%)	A/B
SB2000/L-EX-110V	110 VAC/VDC	92	230	256	< 2 (+/-2%)	A/B
SB2000/L-EX-230V	230 VAC/VDC	92	110	256	< 2 (+/-2%)	A/B

SB2000/S-EX - 2000 cd, type C (steady mode), type B (flash mode - controller required)
SB2000/L-EX - 32cd, type B/A (steady mode)



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