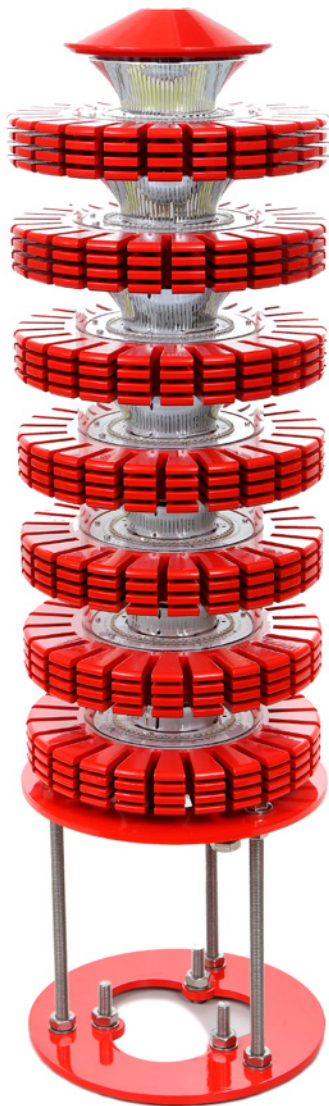


# SMART BEACON

## type SB2000/H -/GH

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



- ◆ Daylight, **360°** omnidirectional, flash mode
- ◆ Low power consumption **< 400W** (Type B according to ICAO) - for 40 fpm
- ◆ Low power consumption **< 610W** (Type A according to ICAO) - for 40 fpm
- ◆ The lamp reacts to the background luminance level by adjusting the light intensity - type B/A
- ◆ Very low lamp weight **< 14 kg** (lamp holder), **< 10 kg** (lamp controller)
- ◆ Day/night detection system, realized by means of twilight sensor or astronomical clock (controller equipment)
- ◆ Integrated lamp design (light alloys and composites) with a degree of protection of **IP65 or higher**
- ◆ Mechanical shock resistance - at least **IK08**
- ◆ Certificate of electromagnetic compatibility of the lamp power supply (EMC)
- ◆ Lifetime of active optical components - over **100 000 hours**
- ◆ Operating temperature: From -30°C to +55°C / storage temperature: From -50°C to +75°C
- ◆ Integrated overvoltage protection type TI+TII (B+C class) at the level of 40kA protecting against surges specified in the Polish standard **PN-EN 61000-4-5:2009**
- ◆ Enclosure surface protected with antioxidants layers
- ◆ 36 months warranty with the possibility of extension up to 72 months

Made  
in Poland

100 000 cd  
200 000 cd

46V -55V  
92V-256V

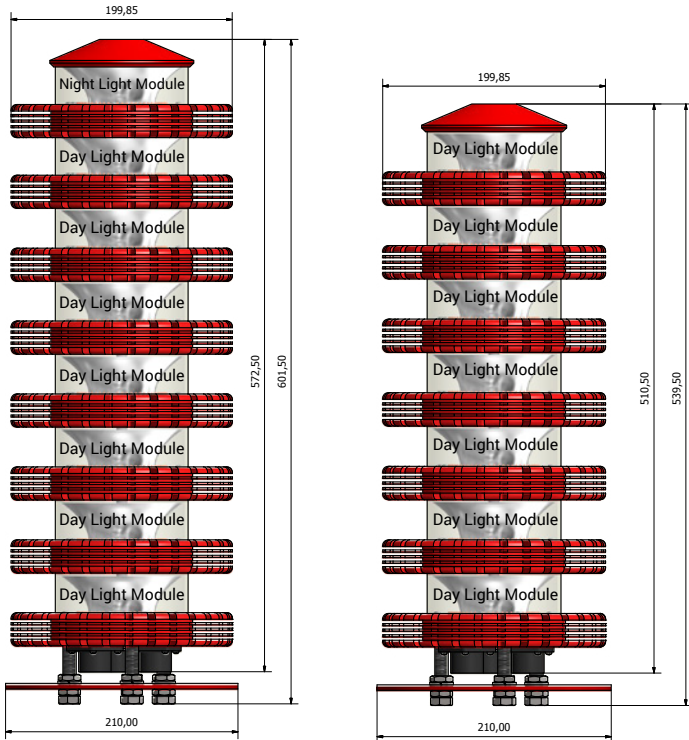
VAC  
VDC

< 610 W  
< 840 W

< 14 kg  
< 10 kg



High intensity lamp type A/B (ICAO)



- ◆ Implement the requirements of regulations issued by the Federal Aviation Administration (**FAA**), the International Civil Aviation Organization (**ICAO**), the European Aviation Safety Agency (**EASA**)
- ◆ **Optional:** We produce obstacle lighting lamps combining the functions of both types (night obstacle marking and day obstacle marking) in one lamp.
  - **SB2000/LH** - low intensity (night) according to ICAO type A or B and high intensity (day) according to ICAO type A/B
  - **SB2000/SH** - medium intensity (night) according to ICAO type B or C and high intensity (day) according to ICAO type A/B

Electrical parameters:

Series lamp type <b>SMART BEACON</b>	Supply voltage	Supply voltage VAC/VDC			Average level of power consumption [W]	Type according to ICAO
		Min.	Typ.	Max.[V]		
SB2000/H-48V	48 VAC/VDC	46	48	55	< 610 W (+/-2%) for 40 fpm	A
					< 840 W (+/-2%) for 60 fpm	B
SB2000/H-230V	230 VAC/VDC	92	230	256	< 610 W (+/-2%) for 40 fpm	A
					< 840 W (+/-2%) for 60 fpm	B
SB2000/GH-48V	48 VAC/VDC	46	48	55	< 610 W (+/-2%) for 40 fpm	A
					< 840 W (+/-2%) for 60 fpm	B
SB2000/GH-230V	230 VAC/VDC	92	230	256	< 610 W (+/-2%) for 40 fpm	A
					< 840 W (+/-2%) for 60 fpm	B

200 000 cd / 100 000 cd / 20 000 cd, type A/B ( flashing mode),  
**SB2000/GH** - multi-lamp flash synchronization (GPS/GLONASS)  
**SB2000/H** - no flash synchronization of many lamps  
 fpm - flashes per minute

Made in Poland

100 000 cd  
200 000 cd

46V -55V  
92V-256V

VAC  
VDC

< 610 W  
< 840 W

< 14 kg  
< 10 kg



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