



## OTHER TECHNOLOGY

# LOW INTENSITY OBSTACLE SIGNAL LIGHT 94006a AND 94006b TYPE

- Meets ICAO and FAA Regulations
- 230 V/50 Hz power supply
- Neon spiral tube as a source of light
- Simple design and easy assembly and disassembly of a signal or its parts
- Nominal input 75 VA (94006a) and 140 VA (94006b)

### General Description

The low intensity obstacle signal lights type 94006a and 94006b are signal lights with the permanent red color light. They are used for identification of high structures that are or might be an obstruction for air traffic (smoke-stags, high-rise buildings, towers etc.).

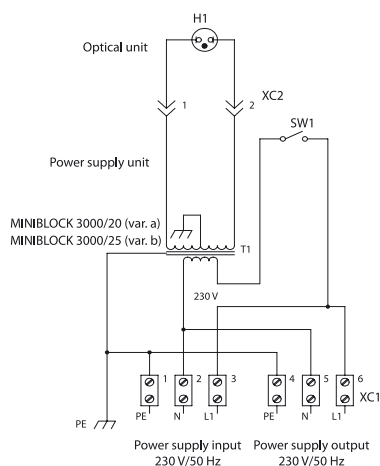
### Basic Technical Description

The signal light consists of optical unit and base. These components are connected by two spring snaps. At the bottom part the signal light is equipped by protective M5 grounding clamp.

The optical unit which is easy to exchange consists of a transparent dioptré made of Simax molten glass, the neon pipe and the base. The light source is the variant neon pipe.

Assembled base consists of transformer, failsafe switch and connection terminal strip (XC1) which are built into the cover from aluminum alloy with protective coat. The cover has two seal bushings. One is used for a power supply line and the second one is blinded to connect additional signal light.

230 V/50 Hz line is brought to transformer through the failsafe switch providing disconnection from the power supply during the tube exchange. Transformer provides sufficient voltage to light up the neon tube.



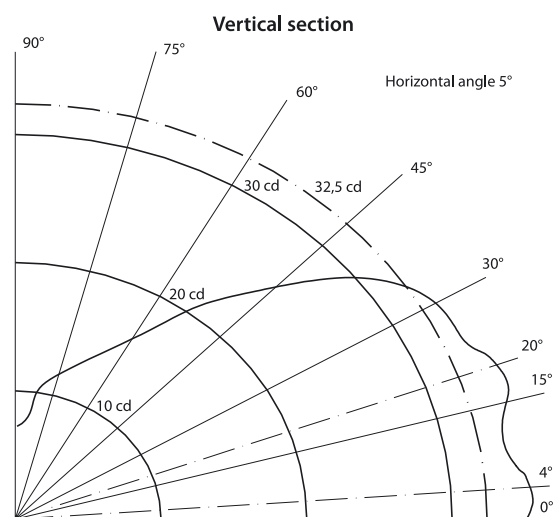
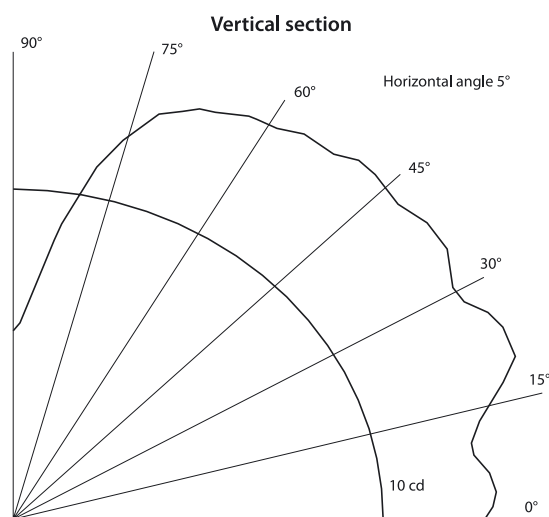
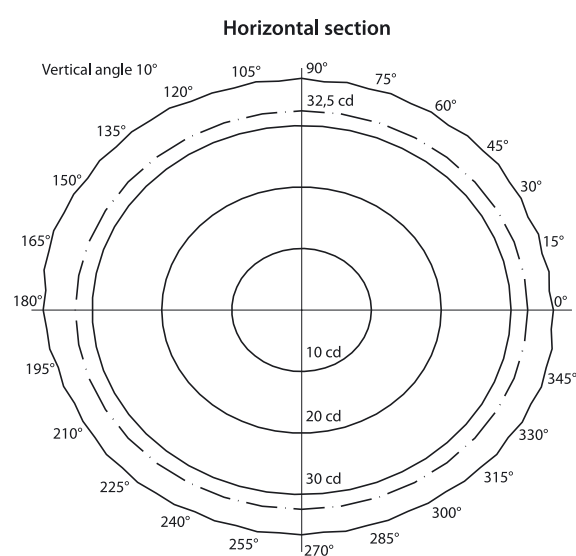
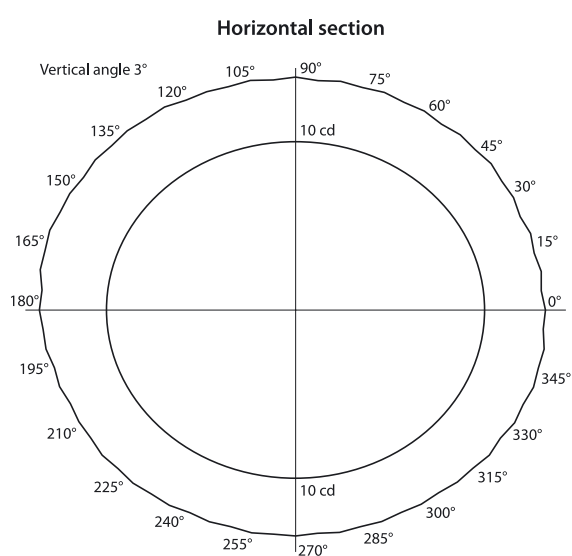
Wiring block diagram





## Basic Technical Parameters

Dimensions (w × h × d)	94006a	approx. 120 × 135 × 620 mm
	94006b	approx. 120 × 135 × 710 mm
Diameter × fixing screw spacing	M8 × 230 mm vertically M22 (lower central attachment)	
Weight	94006a	5 kg ±10%
	94006b	5,8 kg ±10%
Nominal input max.	94006a	75 VA
	94006b	140 VA
Nominal voltage	230 V ± 10%, 50 Hz	
Cover rating	IP 55	



Signal light 94006a luminous intensity

Signal light 94006b luminous intensity