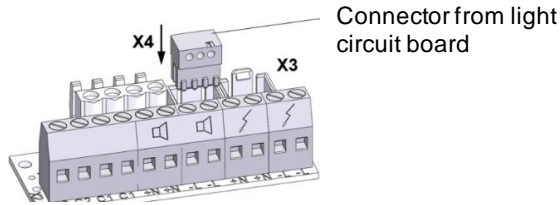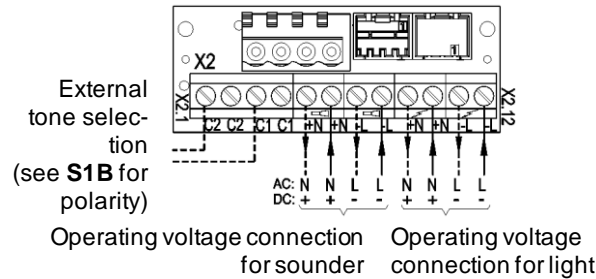## Electrical connection: (Circuit board in lower part)
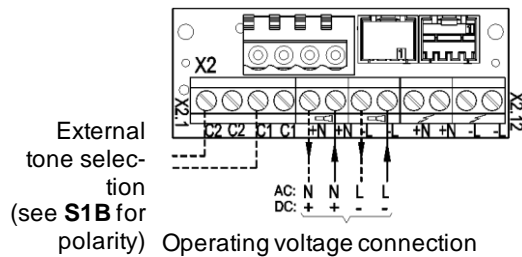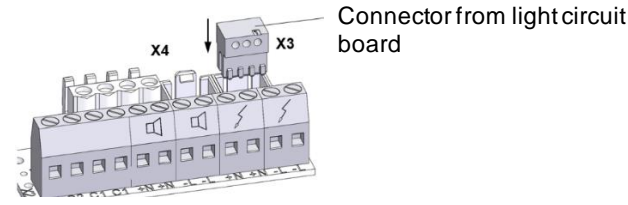
<u>Common connection of light and sounder (factory setting)</u>

Connector from light circuit board

X4   X3

External tone selection (see **S1B** for polarity)   Operating voltage connection

AC: N N L L
DC: + + - -

<u>Separate connection of light and sounder</u>

Connector from light circuit board

X4   X3

External tone selection (see **S1B** for polarity)

AC: N N L L
DC: + + - -

Operating voltage connection for sounder   Operating voltage connection for light

Acoustic settings and Tone selection (Circuit board in sounder upper part)

S1B S1A	
	Diode not bridged Polarity negative **Factory setting**
	Diode not bridged Polarity positive
	Diode bridged Polarity negative
	Diode bridged Polarity positive

DC version

Volume control

AC version

S1B   S1A   S3

S3 Tone selector switch

S3

**S3** Tone selector switch
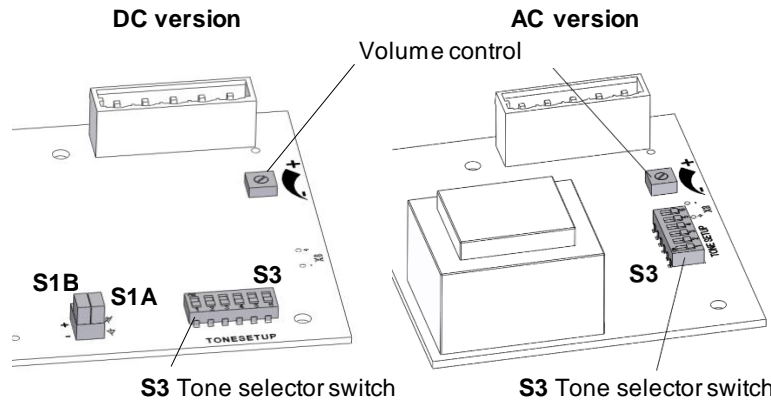
S1B: Selection of control voltage polarity for C1 and C2 (external control)
S1A: Bridging of the integrated rectifier diode

The desired tone can be selected using the **S3** tone selector switch. The tone is generated after the supply voltage is applied. A complete tone type table can be found in the Annex. See the digital operating instructions for the external control of other tones, source: www.pfannenberg.com/manuals

Optical settings (Circuit board in the lens)

With single color LED
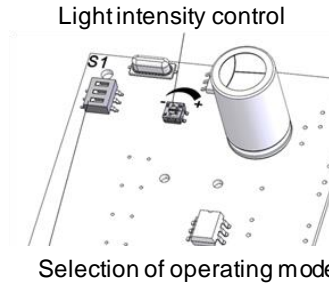
Light intensity control

Selection of operating mode

S1			Operating mode
1	2	3	
OFF	OFF	OFF	Flashing light 1 Hz *
OFF	OFF	ON	Flashing light 0.75 Hz
OFF	ON	OFF	Continuous light
OFF	ON	ON	Blinking light 1 Hz
ON	OFF	OFF	Flashing light 2 Hz
ON	OFF	ON	Blinking light 2 Hz
ON	ON	OFF	Flashing light 0.1 Hz
ON	ON	ON	Flashing light 0.5 Hz
OFF	*OFF*	*ON*	*Double Flash mode (DFM) (Option)*

* Factory setting

With multicolor-LED

Light intensity control

Selection of operating mode
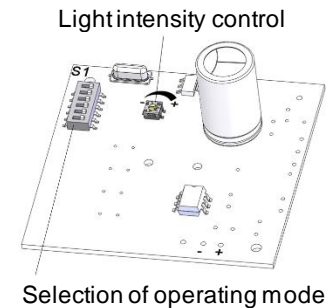
S1			Color assignment
4	5	6	
OFF	OFF	OFF	Red *
	OFF	ON	Blue
	ON	OFF	Green
	ON	ON	Yellow

S1			Operating mode
1	2	3	
OFF	OFF	OFF	Flashing light 1 Hz *
OFF	OFF	ON	Flashing light 0.75 Hz
OFF	ON	OFF	Continuous light
OFF	ON	ON	Blinking light 1 Hz
ON	OFF	OFF	Flashing light 2 Hz
ON	OFF	ON	Blinking light 2 Hz
ON	ON	OFF	Flashing light 0.1 Hz
ON	ON	ON	Flashing light 0.5 Hz
OFF	*OFF*	*ON*	*Double Flash mode (DFM) (Option)*

* Factory setting