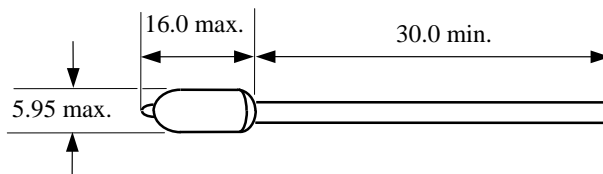


# PRODUCT DATASHEET

<b>Standard Brightness Neon Lamp</b>	<b>16/30SB</b>
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OUTLINE DRAWING



All dimensions in mm

Drawing not to scale

OPERATING DATA

Type	Brightness	Nominal Current	Maximum Striking Voltage	Recommended Series Resistor Value		Life Expectancy (ac operation)
				110 - 120V (ac only)	220 - 250V (ac or dc)	
16/30SB	Standard	0.5mA	65Vac	100 K-ohm	330 K-ohm	50,000 hours

Operating temperature: - 50<sup>0</sup>C to + 160<sup>0</sup>C

Life expectancy is average time to half-initial light output level at nominal current.

Current may be increased or decreased from the nominal value, when the life expectancy will vary according to a 3.3 power law:

$$L_2 = L_1 \left( \frac{I_1}{I_2} \right)^{3.3}$$

Neon lamps should not be operated at more than twice the nominal current.

Operation at currents below the nominal value may result in the discharge becoming unstable (i.e. lamps flicker).

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