

TYPE: HL 052 – G(B)



Basic Information

This **historic lantern** is a replica of the original gas lamp designed by the architect Lindsbauer and sculptor Wesely in 1862.

The history of **the use of gas for illumination** in Prague is significantly long. The first gas lanterns came into existence in 1847 and they added to the city's colour for many decades. Gradually, they were replaced by electric light, and the last gas lantern went out in 1985.

Tranquil and romantic illumination by gas lanterns no doubt belongs in historic locations. That's why this type of illumination has been restored and its gradual extension is planned.

Gas lamps create a unique and colourful atmosphere in historic corners of cities, towns, and communities, and contribute to increasing interest of visitors to the capital in these locations.

The lantern is **supplied with natural gas** and uses classical gas mantles as its luminous source.

The lantern can be installed in all locations where natural gas is available to supply it.

The modular system for installing the lantern allows configuration of several variants so that they meet aesthetic and luminous needs.

Technical Description

The **whole historic lantern set** – the pole, arm, and extender – is made of **cast-iron**.

The **gas technology** is located in the lantern housing with ejection atmospheric burners. The very luminous source of six gas mantles burning natural gas is located in the upper section. There is a highvoltage gaslighter in the lantern to light a burner. Thanks to new materials for the mantles, a high luminance level is achieved. The so-called "eternal flame" is on in the lantern to ease ignition. For safety reasons, the lantern is equipped with an electric fuse, which disconnects the gas supply in case the flame in the mantles goes off.

	<p>The lantern's reflective surface is white-enamelled and the lantern itself is covered with clear glass.</p> <p>The lantern may be turned on along with the public illumination system, or manually by means of the lamp-lighter's stick.</p>																		
<p>Technical Description</p>	<p>The lantern can be mounted on the wall with two types of arms: 600 or 900 mm long; additionally, the lantern may be placed on the historic pole in two length variants: 3,150 or 1,400 mm. The poles are seated on an anchoring base.</p> <p>Gas piping or electric control goes through the pole or the arm.</p> <p>Every lantern needs the natural gas supply from the low-pressure gas mains, or the electric cable from the switch point for ignition simultaneously with the public illumination system.</p> <p>The finish is carried out with coating tinted as per customer's wish. Iron-cast devices or symbols may be placed on the lantern.</p>																		
<p>Maintenance</p>	<p>Only competent persons properly trained for working with gas appliances can service gas lamps.</p>																		
<p>Lighting Fixture Parameters</p>	<table data-bbox="619 1008 1356 1321"> <tr> <td>Name:</td> <td>Gas historic lantern</td> </tr> <tr> <td>Type:</td> <td>HL 052 – G(B)</td> </tr> <tr> <td>Rated voltage:</td> <td>230 V / 50 Hz</td> </tr> <tr> <td>Luminous source:</td> <td>6 burners</td> </tr> <tr> <td>Working medium:</td> <td>Natural gas</td> </tr> <tr> <td>Gas pressure:</td> <td>4 kPa</td> </tr> <tr> <td>Consumption:</td> <td>0.149 cu. m/hour</td> </tr> <tr> <td>Mass:</td> <td>37 kg</td> </tr> <tr> <td>Dimensions (DxH):</td> <td>550x1,100 mm (with lyre)</td> </tr> </table>	Name:	Gas historic lantern	Type:	HL 052 – G(B)	Rated voltage:	230 V / 50 Hz	Luminous source:	6 burners	Working medium:	Natural gas	Gas pressure:	4 kPa	Consumption:	0.149 cu. m/hour	Mass:	37 kg	Dimensions (DxH):	550x1,100 mm (with lyre)
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