

HL 052 VYSEHRAD HISTORIC LANTERN

TYPE: HL 052



Basic Information

In terms of its appearance, the HL 052 Vysehrad historic lantern resembles the original gas lamp designed by the architect Lindsbauer and sculptor Wesely in 1862; its design is modified for purposes of succinct historic applications, e.g. for illuminating parks and communications in the Vysehrad historic precinct where it contributes with its artistic and luminous properties to the atmosphere of the Premysl dynasty seat, while taking into account the subsequent building development and today's function of the location.

Generally, the lantern is designed for illuminating historic centres of cities and towns, castles and gardens where it highlights the unique atmosphere.

The modular system for installing the lantern allows configuration of several variants so that they meet aesthetic and luminous needs. As standard, the lantern is mounted on the Vysehrad type pole, which is supplied in lengths of 3.1 and 3.9 m.

Technical Description

The lantern is cast iron; its hexagonal cage is furnished with matt polycarbonate blanks. In the lantern's upper section, there is located the additional circuit for the high-pressure sodium discharge lamp. The discharge lamp is located in the focal point of a shaped mirror, which allows concentrating the luminous flux source in the area to be illuminated. The optical system is furnished with a glass refractor, which reduces glare and highlights the nature of the historic design. The lantern's inner optical space, including the socket, is sealed and, thus, it meets the IP65 protection. This ensures the long-term service life without the necessity for cleaning the inner space while maintaining the preset luminous properties.

The finish is done with powder coating tinted according to the customer's wish. As standard, the pole is supplied with the "anthracite grey" tint. The lanterns are normally furnished with the 70 W high-pressure sodium discharge lamps; as per the customer's wish, a 50 – 100 W high-pressure sodium discharge lamp or the halide discharge lamp may be used as the direct replacement for sodium discharge lamps (white colour light).

Lighting Fixture Parameters

Name:	Historic lantern
Type:	HL 052
Supply:	230 V / 50 Hz
Luminous source:	70 W (50 – 100 W) high-pressure sodium discharge lamp (50 – 100 W halide discharge lamp)
Optical section protection:	IP65
Electric section protection:	IP43
Mass:	37 kg
Dimensions (DxH):	550 x 1,100mm

Contact

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