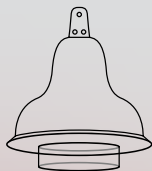
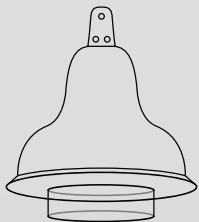


ewo



ewoIndividual

*Vienna*



# PROJECT OVERVIEW

Vienna, Austria

Type	Public Space, Roads and Traffic
Location	Vienna, Austria
Client	Vienna's lighting department "Wien leuchtet"
Lighting System	ewoIndividual
Years of Installation	2021-2026
Quantity	> 10.000





## HIGH-LEVEL UPGRADE

A sustainable  
modernisation

The modernisation of public lighting in the city of Vienna marks yet another milestone for ewo, drawing on over 25 years of innovative thinking and excellent craftsmanship. ewo illuminates both streets and squares in the historically sensitive city centre with new classic Viennese luminaires, as well as bridges – such as the well-known Reichsbrücke – with unique lighting fixtures, and finally modern districts with suitable products. Always with the goal of making a decisive contribution to wellbeing outdoors.





## VINTAGE OR MODERN

Handmade in Italy

In the heart of Vienna, ancient and modern, heritage and metropolitan heartbeats coexist. For some areas, such as one along the Danube, where contemporary architecture and urban life prevail together, the city uses the modern design of the standard luminaires, called "K0".

The inner-city luminaires are made of aluminum, and their characteristic bell shape is achieved through a metal spinning process. They create a lighting frame for historic buildings, offices, restaurants, and shops, accompanying residents and tourists in the living city.





Schiller Park



The Kaiserbadschleuse and the promenade along the Danube Canal

## CONFORMING TO STYLES

ewoIndividual solutions

### CITY CENTER

At the city's request, ewo replicated the exact shape of the original lily of the valley luminaire body. These vintage luminaires are designed to illuminate the historic city centre, such as along Rotenturmstraße and in Schillerpark, where many ewo luminaires are lighting up the capital nights.

### KAISERBADSCHLEUSE

Based on the example of Paris' floating gardens, the city of Vienna has created this recreational area for free public use along the Danube Canal. For this area, the luminaires take the modern shape of Vienna's standard luminaire, the so-called "K0".





## MODERNISING TRADITION

The Viennese sphere lights

The Viennese sphere lights of the famous Reichsbrücke are moulded from high-quality PMMA material, which allows the light to radiate evenly within the sphere, generating an effect of diffused and precise light.

With their 850 mm diameter and 29 kg weight, the spheres are eye-catching from afar and are a distinctive feature of this historical bridge.





How does street lighting  
turn green?

## SUSTAINABLE LIGHTING

Saving up to 50% of energy

The exchange of the lamps represents a significant contribution to climate protection, as 60 % of the energy previously required could be saved by simply exchanging the rope suspension luminaires for LEDs. This saves more than 700 tonnes of CO<sub>2</sub> per year and thus makes an active contribution to the climate model city.

This is an important step towards resource conservation relating to Vienna's goal to reduce energy consumption per capita by 30 % by 2030, and by a further 50 % by 2050.



# How to improve the quality of a public place?



## WELLBEING OUTDOORS

The social mission of light

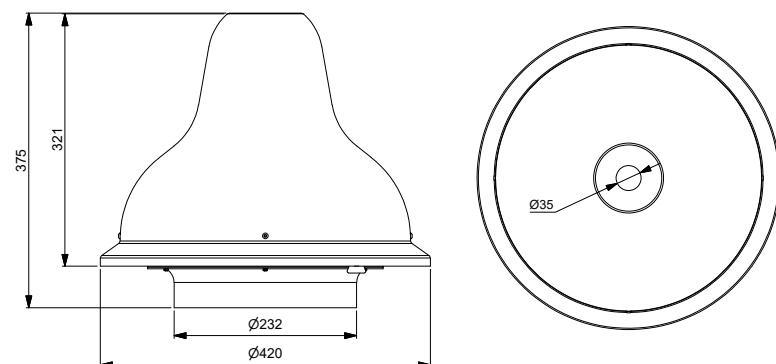
"Light fulfills a social mission and strengthens the feel-good character of public places at night – like a technological campfire. Light is for everyone, not just for a single individual, democratising a communal potential."

Having been able to assert ourselves in Vienna's highly competitive tendering and enhance public wellbeing in this culturally rich metropolis with our lighting systems is a milestone for our company – and one of which we are very proud."

Hannes Wohlgemuth, ewo's CEO



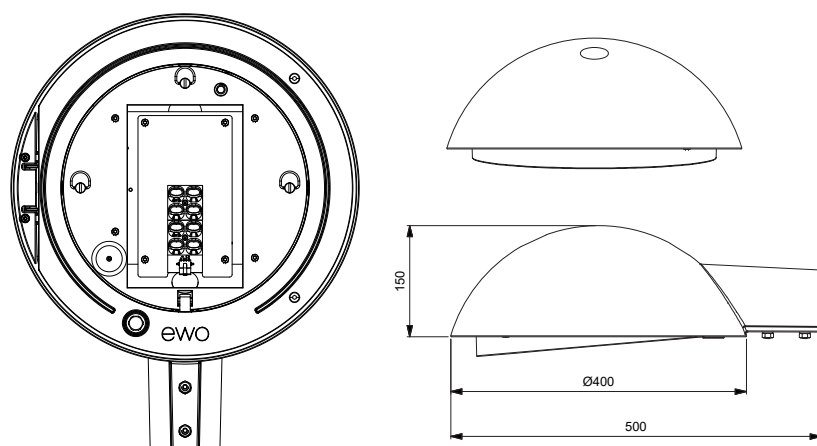
## LILY OF THE VALLEY



- 1 Quantity delivered: 3,120 Lilies of the Valley, 5,000 KO
- 2 Housing accommodates 8 to 32 LED's
- 3 Luminous Flux: 614-3771 lm
- 4 Constant lumen output (CLO) 60,000 h
- 5 Surge & Electrostatic protection 20 kV
- 6 Asymmetric street optics –  
9 different photometric distributions
- 7 Lens made from PMMA
- 8 Colour temperature: 3,000 K
- 9 Cover in single-pane safety glass (ESG)
- 10 Finish: polyester powder coating
- 11 Luminaire housing in die-cast aluminium
- 12 LED temperature sensor NTC

IP65 RoHS IK08

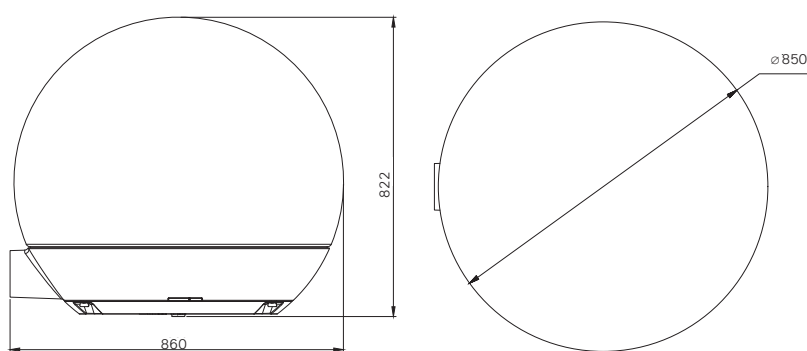
## KO



## A SPECIAL MECHANICAL INTERFACE

Vienna's lighting department "Wien leuchtet" has optimised the housing for these luminaires so that the LED luminaire inserts can be changed quickly and easily. Thanks to a patented mechanical interface, the luminaire housing and luminaire insert are functionally separated from each other, thus meaning that the luminaire can be fitted with any inserts.

## VIENNESE SPHERE FOR BRIDGE "REICHSBRÜCKE"



- 1 Housing accommodates LED luminaire insert K2
- 2 Top cover illuminated by retrofit luminaires with E27 thread
- 3 Cover in single-pane safety glass (ESG)
- 4 Luminaire housing in die-cast aluminium  
for poles of Ø 60 mm x 135 mm
- 5 Upper cover made of impact resistant LLDPE
- 6 Finish: polyester powder coating
- 7 Two mounting variants: left and right on the pole
- 8 Weight with luminaire insert: 29 kg

IP65 RoHS IK08

## THE BODY OF YOUR LIGHT

Unlimited individual Shapes

With ewoIndividual, the shape, colour, and surface of luminaires can be customized to match individual requirements.

Thanks to ewo's mastery, rooted in more than 25 years of mastering the Body of Light, Vienna's upgrade to LED technology went smoothly, without losing the aesthetic identity of the original city.

"The cooperation with ewo, and especially with its founder and technical director Ernst Wohlgemuth, has been cooperation at eye level." says Gerald Wötzl, head of Vienna's lighting department technical competence centre.



ewo creates high-quality lighting systems for public spaces. At the main facility of this family-run business, headquartered in South Tyrol, ewo develops products which illuminate streets, squares, buildings and walking trails, urban gathering points and airports. A modular LED unit forms the basis of the company's sustainable and efficient lighting projects, irrespective of scale.

The company's progressive technology, know-how and open creativity made it a trendsetter for the sector. Even in the most challenging scenarios, ewo provides custom-tailored products and lighting designs for distributing and controlling light, features that are a notable standard of quality in the design of public spaces.

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Version 1  
We reserve the right to make  
technical changes.

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