

aurórean



valmont 
STRUCTURES

Aurorean represents the next evolution in outdoor lighting products. Cities are becoming more and more crowded, and finding “your” place is not always an easy task. Aurorean gives users the ability to adjust their environment and to create an ambiance that is tailor-made to suit their needs.

Research conducted by the **TU-Delft** shows that Aurorean can have a positive influence on the social cohesion of an area by encouraging interaction.

Allowing individuals to influence their own environment helps build a comfortable atmosphere which is precisely what the Aurorean is all about.

aurórean

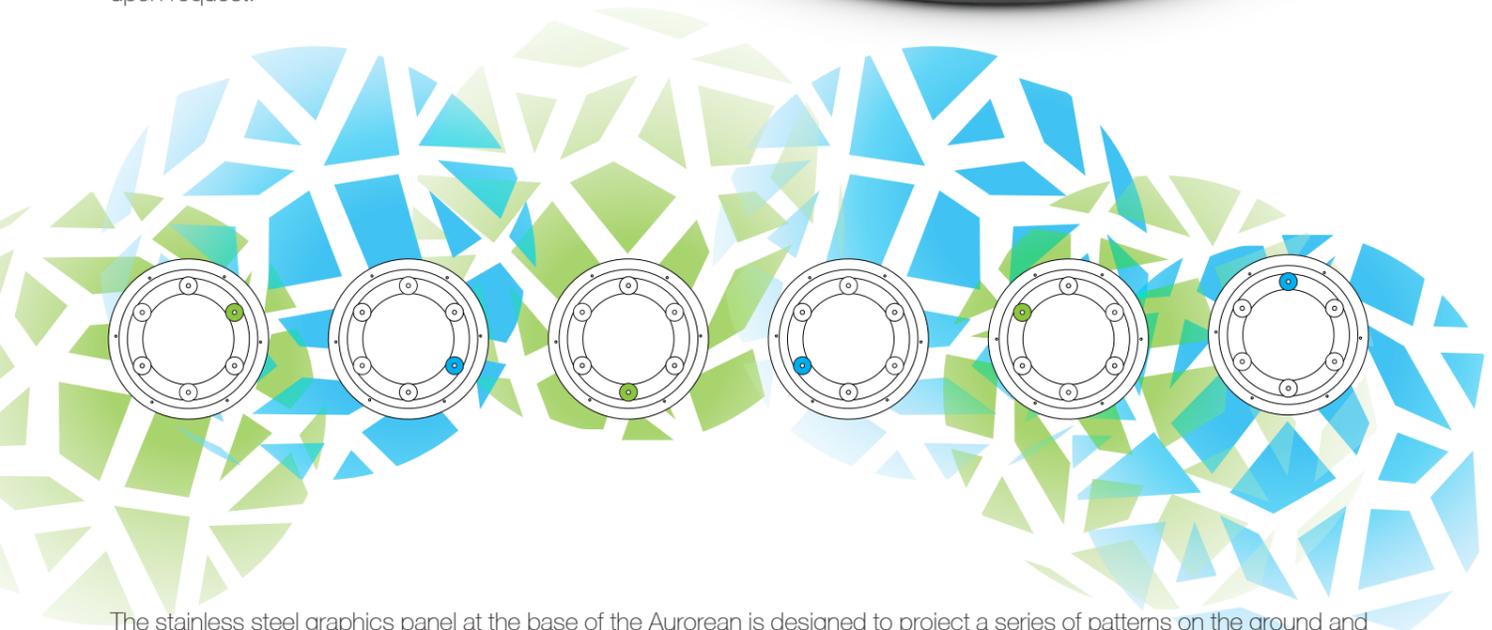


Light and Motion

Light plays a major role in the ambiance of any public space. Aureorean uses a specially designed light source and a customizable graphics panel to create individualized areas within the urban environment.

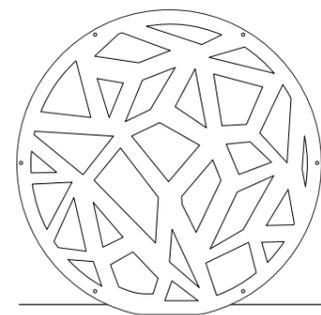
Aureorean uses 6 individually programmable and dimmable RGBW LEDs to create smooth transitions between an endless array of colours. The user can choose between warm and vibrant tints, cool and tranquil hues, or anything in between. Aureorean makes it possible to create the perfect atmosphere to suit any occasion.

Aureorean is delivered with a wide range of preset lighting schemes. Personalized lighting schemes can be made available upon request.

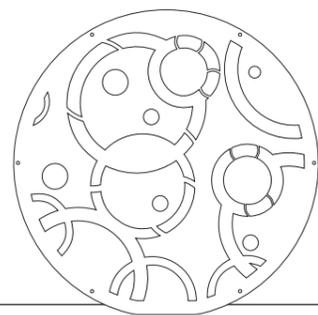


The stainless steel graphics panel at the base of the Aureorean is designed to project a series of patterns on the ground and surrounding objects. The position of the projections is directly related to the location of the light source inside the Aureorean. As the origin of the light source changes so will the position of the projection. This simulated movement helps to create a dynamic and interesting environment which is distinctly separate from its surroundings.

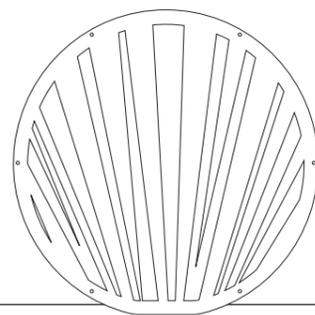
The design of the graphics panel is customizable and can be tailored to fit the needs of the location. Choose from the standard range of panels or create your own!



Angular



Circular



Linear

Sound and Sight

Along with a state of the art lighting system, Aureorean also offers an integrated speaker and camera as optional upgrades.

The function of a public space can change from hour to hour, and day to day. The Aureorean sound system is designed to deliver the perfect sound track to suit the needs of any environment. Aureorean can be programmed to deliver preset playlists or even stream FM radio broadcasts (*local broadcasting licenses may apply*). In addition to simply brightening an area with song, the Aureorean sound system can also be used to for advertisements or public service announcements in the event or emergency.

The Aureorean sound system consists of a carefully selected high-fidelity speaker with an expanded frequency range and an open baffle design. The system is completely and unobtrusively integrated into the Aureorean. No matter the occasion, Aureorean will deliver clear and crisp audio to suit the ever-changing needs of the urban environment.

Aureorean can also be fitted with an integrated camera. The camera can be connected to security system of the city giving an additional perspective of the area.



Connectivity and Interaction

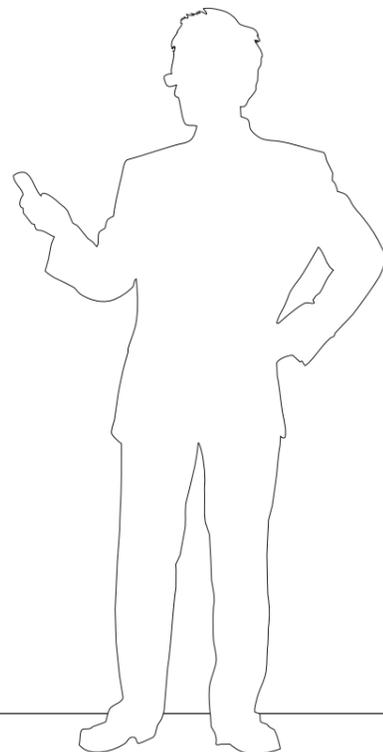
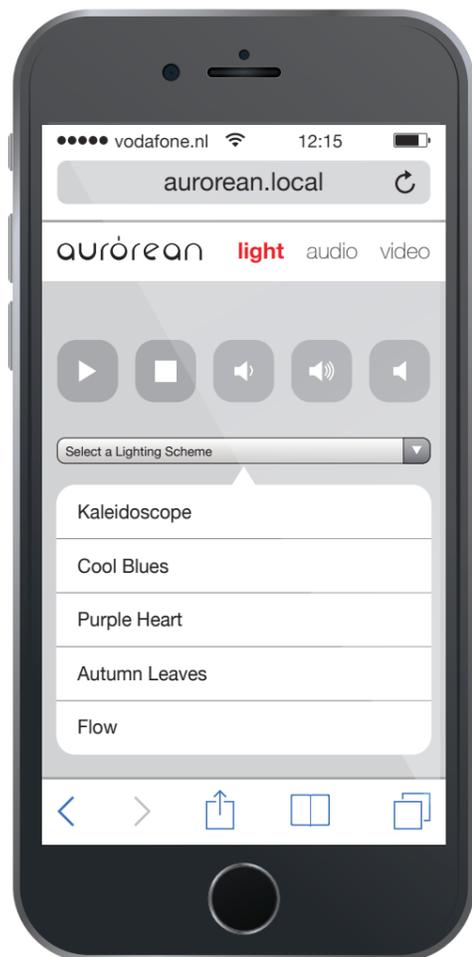
The standard Aurean will be connected to the internet by UTP Ethernet cable and a WI-FI device. This enables the product administrator or municipality to access the system remotely in order to modify or update the product's sounds or lighting schemes. Aurean users will only have access to the device when they are within range of the Aurean WI-FI network.

By selecting the Aurean WI-FI network with your smart device you will be prompted to login. Once connected, the user will be able to interact with the options that are installed in the Aurean. Light, sound, and even the camera are all at your fingertips!

Creating an ambiance with the Aurean is simple and intuitive. First, select the system that you would like to adjust. For example, selecting "light" will bring up a list of preset lighting schemes. Simply make a selection and press play!

Once you are satisfied with the lighting you can follow the same steps to select the audio to compliment your lighting scheme. Lastly, you can adjust the speaker volume and the intensity of the light to fine tune your atmosphere!

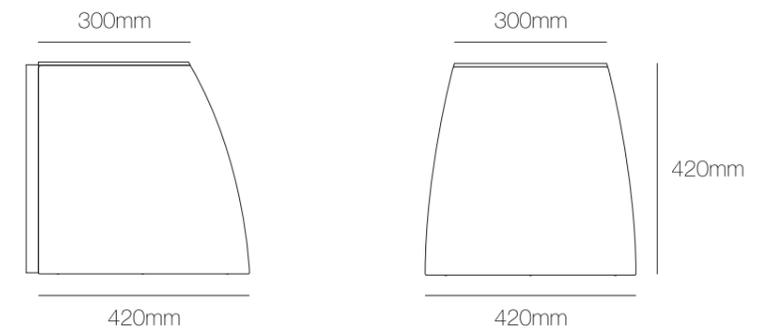
Aurean is more than a simple lantern, speaker, or camera. Aurean is a product designed to give users the ability to create their own environment through smart, proven technology.



Specifications



Aurean:IP65, IK08, Class 1



Housing

Mounting bracket: Stainless Steel

Cap: Aluminium 6082 (High Strength Structural Alloy)

Finishing: Powder Coating, White fine textured. Other RAL color on demand

Shade: PAT4, Icorene 3590 (premium UV and AO stabilisation)

Graphic Panel: Stainless Steel 316L, 1,5mm, K320

Light shaping cover: Thermoplastic Copolyester, Clear 4mm

Environment: Indoor / Outdoor

Weight: 8,6 kg

Lighting

LED: 6 multi-color LED with integrated driver

Color temperature: RGBW

CRI: >80 (white light)

Luminous Flux: 1.500 - 3.000 lumen

Voltage: 24V

Beam angle: 16°, 24° or 100°

Aiming: Directional

Light distribution: Symmetric

Power supply: Not integrated in lantern

Power supply: Electronic, constant current, 220/240V 50/60Hz

Installation class: Class 1

Total power consumption: Max 75W

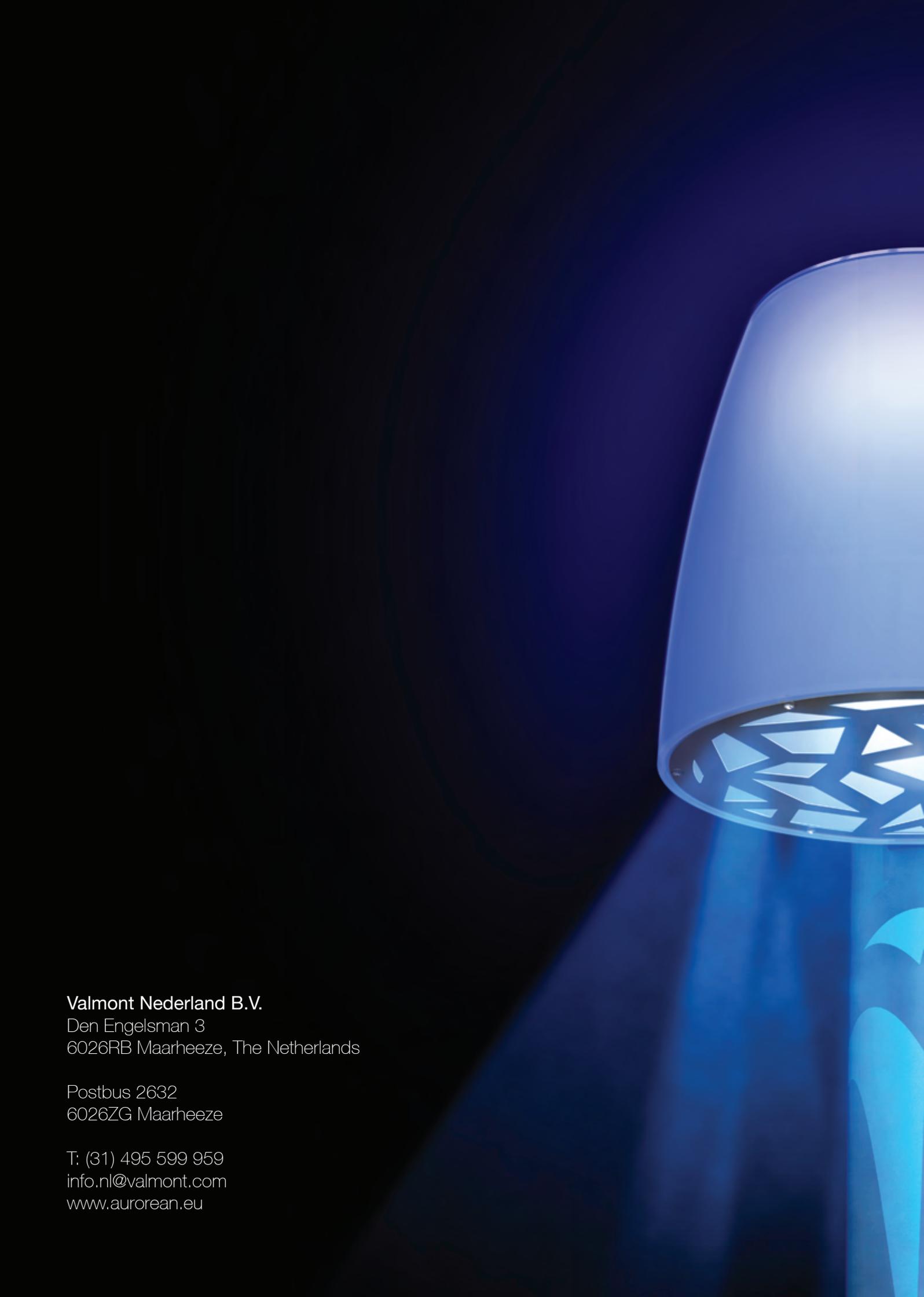
Advised mounting height: Bottom of lantern between 3,5 and 4,2 meter

Control

Cabled support: CAT5

Mobile support: iOS and Android

Wireless distance: >10 meter, depending on environment



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