



CRUISE
SHIP
AIDAMAR

Theatrium: an impressive room and light experience

Size of the designed public area: 20,100 square meters

Installation cost: 2,358,000 Euro

Power consumption (lighting in the public area): 497,000 W

Watts per square meter: 24.71 W/sqm

Client: Aida Cruises, Rostock, Germany

Architect: Partner Ship Design

Lighting Designers:

- Isabel Sternkopf and Dr. Thomas Müller, Lichtvision Design & Engineering GmbH
- Kai Bunge and Siegfried Schindler, Partner Ship Design

Electrical Contractor: Funa GmbH

Picture Credits:

- Ingrid Fiebak Photography
- ShipPax Information
- Meyer Werft



*Wellness Oasis:
sensual and open atmosphere
with random light accents
where they are needed*



Image credit: Meyer Werft

The cruise ship AIDAMar is an urban cosmos in itself, providing pleasures that make for the perfect vacation. The ship is built with the goal of achieving the highest possible quality in contemporary design, optimised for the needs of both passengers and crew.

The ship's lighting concept supports this approach and adapts the atmosphere, function and design criteria to the diversity of the ship's public areas and themes. The AIDAMar is 253 metres long and 32 metres wide. Beautifully detailed, the ship includes various amenities spread out in 13 decks, including 7 restaurants, 12 bars, sun decks, shops, wellness/spa area, a theatrium, a casino, as well as fitness and kids clubs.

Almost all luminaires are dimmable and distributed over 600 dimming groups to create different day and night moods throughout the ship. The main attraction of the changing moods are the shining, warm colors of the interior surfaces at night, caused by the correlated color temperature shift of the low voltage halogen bulbs from 3000 K to about 2400 K. In addition to providing a comfortable and inviting atmosphere, the lighting design ensures maintainability, sustainability, energy savings and safety.



*Vinotheque:
inconspicuously
integrated lighting*



Most of the colored light accents, backlit furniture, step and shelf lighting, and in-ground luminaires are realised with LED illumination. The luminaires and ballasts are mounted carefully to avoid noises caused by vibrations and movements.

The lighting of the vinothèque is integrated inconspicuously with the interior design and supports its intended cosy and warm atmosphere.



Restaurant Rossini Entrance :
rich, glossy, wooden surfaces

The theatre, public square and surrounding bars of the theatrium blend into an impressive room and light experience that extend over three decks. The daylight concept in the centre of the entertainment area supports the general lighting of the ship and complements the quality of the materials used and their reflective nature. At night, the theatrium turns into a golden shining musical hall.

Rossini, the most upscale restaurant in the ship, exhibits rich and glossy wooden surfaces and comes equipped with adjustable, dimmed halogen-downlights to create a warm and luxurious ambience. The downlights have a minimised frame and deep positioned 'cool beam' lamps.



*Restaurant Rossini:
a warm and
luxurious ambience
in the dining room*

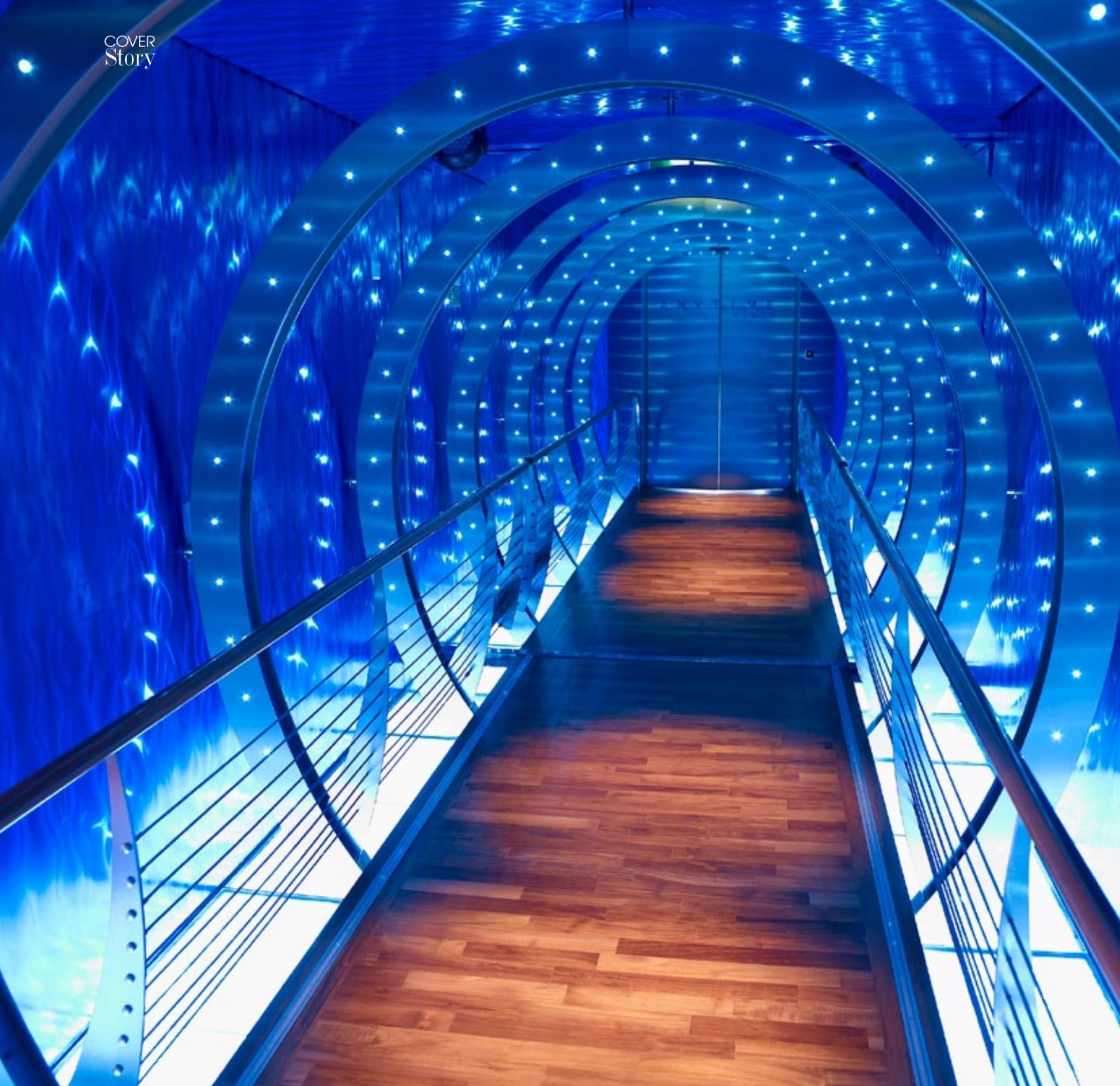


*Steam sauna:
starry sky and
colorchanging
light moods*



*Thermal Area:
soft light gradients with
a very good color rendering
on the vertical mosaic surfaces*

The lighting concept of the wellness/spa area focuses on soft light gradients and color rendering on the vertical mosaic surfaces. The colour-changing fiber optics illumination of the intricately designed steam sauna (left) – with its captivating starry sky – alters the room's light moods.



The entrance of the disco is designed like a blue light tunnel. The striking colours of the gateway attract the observer as well as the guests walking into the party zone. The backlit floor sets the footbridge afloat and is surrounded by large metal arcs equipped with RGB-LED-dots. The LED dots change color and brightness as visitors enter the disco.

The cruise ship AIDAmär serves customers of all ages and characters. The overall lighting concept works seamlessly with the interior design, thus allowing visitors to discover every exquisite detail on the ship. ■