



CARPORT ROTTERDAM

Carport Rotterdam with holistic
lighting concept by TRILUX,
Netherlands



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Carport Rotterdam is indeed the flagship of the Dutch automotive industry. Premium manufacturers display their cars in the iconic former Van Dijk Mercedes building on the A20, an architecturally impressive setting. This building has been completely renovated in recent years - with Carport Rotterdam looking for a partner to perfect the shopping experience with high-quality smart lighting. The lighting concept proved to be particularly challenging, as several car brands such as Lamborghini, Bentley and Porsche are offered at Carport Rotterdam.

Not only does each of these brands have its own corporate identity, but they also have individual requirements for the presentation of their cars. "Each brand is staged in its own space, and we were able to develop an individual lighting concept tailored to the brand for each exhibition area ", explains Van Duivendijk, who accompanied the project as TRILUX Account Manager Region South.



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SIMPLIFY YOUR LIGHT.



A sophisticated lighting concept

EVERYTHING FROM A SINGLE SOURCE

TRILUX assumed the responsibility for the lighting of all areas of the building, from the exhibition areas to the workshop, from the offices to the underground parking garage. Luminaire design and lighting technology were always adapted to the requirements of the car brands and to the premises on site. [Canilo](#) spotlights, [Creavo](#) surface-mounted luminaires, [Sonnos](#) downlights and our [Finea](#) light channel system are deployed in the showrooms. In some offices, [Parelia](#) pendant luminaires were installed as well.

Using AutoCAD drawings and lighting calculations, we were able to give the client a realistic image of both lighting and spatial effects in advance. "In the workshop, for example, we had to consider the positioning of the lighting in relation to the lifting platforms and other technical installations which required close collaboration with various parties, both in the preliminary phase and during implementation," Van Duivendijk recalls.









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SMART LUMINAIRES

For an attractive sales atmosphere

All TRILUX luminaires were networked with DALI and connected to the building management system (BMS) required by Carport Rotterdam. One of the reasons for this: Lighting and music can be controlled simultaneously via the BMS, creating a particularly attractive sales atmosphere. In the underground car park, the luminaires were combined with presence detectors which reduces energy consumption without compromising the sense of security. TRILUX also provided the emergency lighting and the [exterior lighting](#) around the building. "The size, demands and versatility make this project unique," summarizes Van Duivendijk. And the customer is delighted too: "TRILUX customized lighting does an excellent job of illuminating and staging the showrooms - and it also creates a pleasant and attractive workplace for our technical staff," adds Ed van der Lans, General Manager of Carport Rotterdam. In other words: a veritable showcase project in terms of quality, flexibility and smartness.

MORE PICTURES



USED PRODUCTS



PARELIA

Light in line with the architecture



SONNOS

One range. One world of design. Complete flexibility.



CREAVO C

THE FUTURE-ORIENTED LIGHT



FINEA LIGHT CHANNEL

THE LINEAR, DIGITAL LIGHT TOOL



CANILO
Reduced design