

PRESS RELEASE

Dynamic facade lighting for Hotel Lima Marbella

Wireless technology from Tridonic for the four-star hotel

Dornbirn, January 11, 2021. **The facade lighting for the four-star Hotel Lima Marbella in Spain needed to be upgraded as part of general renovation work. The project partners looked for a wireless light management system that would add dynamic control and RGBW colours to the existing outdoor lighting without major structural modifications. They found it at lighting control specialist Tridonic. Today, Bluetooth-based basicDIM Wireless control technology makes this traditional hotel a brilliant showcase in the centre of Marbella.**

From as far back as 1965, [Hotel Lima Marbella](#) has been offering its guests first-class service and an ideal base for exploring and relaxing. This four-star hotel is located in the heart of the Spanish coastal city of Marbella, within walking distance of the old town with its narrow streets and trendy boutiques, as well as the beach and the marina.

The main challenge of this project, developed by the Spanish architectural firm of T10, was to completely renovate the existing hotel without increasing the built volume or the height of the original building. To achieve that, a double skin was created to envelop the building, giving the hotel a fresh appearance and emphasising its outer perimeter with horizontal bands at every level providing balconies for the rooms.

At night, a dynamic lighting system turns the facade into a vibrant design element.

Another addition that has changed the appearance of the hotel is the rooftop bar and pool area with incredible views of the beach and the hills nearby.

In the course of the complete renovation of this popular destination under the auspices of the Spanish architectural firm T10 and the lighting designers of

[Vbospagna](#), the facade lighting of the six-storey building was also to be modernised and equipped with RGBW colours and dynamic lighting control. Since the hotel's facade was already illuminated with LEDs, the lighting designers were looking for wireless technology that would integrate easily and seamlessly into the existing installation.

“To make the building a real eye-catcher, the new system had to not only provide coloured lighting and dynamic colour changes but also allow the six floors to be illuminated independently of one another. Different colour scenes were also required,” said Marta Jiménez, Area Sales Manager for Andalusia region at Vbo. “What was particularly important to our customers in this project was that the lighting could be reconfigured at any time – even remotely.”

Wireless lighting control with minimal structural changes

In view of these specific requirements, the lighting specialists at Vbospagna consulted with the clients and opted for the [basicDIM Wireless](#) light management system from technology partner Tridonic. Bluetooth-based control technology allows a wide variety of interaction with all the connected luminaires – without the need for additional wiring. The existing outdoor LED luminaires merely had to be equipped with basicDIM wireless modules and corresponding drivers. The system is operated via the [4remote BT app](#) (available for iOS and Android) or the [basicDIM Wireless User Interface](#), a battery-powered wireless wall switch. The wireless modules have gateway functionality so there is no need for an external gateway.

Up to 250 light points can be controlled via Bluetooth with Casambi-ready basicDIM Wireless technology. The necessary wireless communication network is automatically set up by the wireless modules. Between the end of 2019 and January 2020, 54 [basicDIM Wireless modules](#) and 54 constant-current LED drivers from the Tridonic [excite](#) series were installed on each of the six storeys of Hotel Lima Marbella. Luminaire grouping and configuration of lighting scenes are now just as convenient as on-off switching and dimming. It was also possible to integrate RGBW colour control in the system.

Stylish eye-catcher on the Costa del Sol

Hotel Lima Marbella reopened in July 2020 with an entirely new look – both inside and out. Guests found a fully renovated hotel with a stylish interior, rooftop pool and modern technology. The designers placed particular emphasis on automation. For guests, the entire process from checking in to opening their room door is contactless via their smartphones.

But the undisputed highlight of this modernised four-star hotel is the dynamic, coloured facade lighting which extends over all six storeys of the corner building. The basicDIM Wireless lighting can now be easily adjusted and adapted with a high degree of flexibility.

“We are extremely pleased with the results. The facade is the new hallmark. It’s a real eye-catcher,” said Javier Bernal, a member of the T10 team. “We have been particularly impressed by the underlying technology. Tridonic’s system was quickly installed and didn’t require any additional cabling or gateways. The lighting can be changed at any time and the hotel managers can adapt it any way they like.”

Picture

The four-star Hotel Lima in Marbella has been completely renovated and is now equipped with new facade lighting. Thanks to a wireless lighting management system from Tridonic, the outdoor lighting could be expanded without major structural modifications, making this traditional hotel a brilliant showcase in the centre of Marbella.

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About Tridonic

Tridonic is a world-leading supplier of lighting technology, supporting its customers with intelligent hardware and software and offering the highest level of quality, reliability and energy savings. As a global driver of innovation in the field of lighting-based network technology, Tridonic develops scalable, future-oriented solutions that enable new business models for lighting manufacturers, building managers, systems integrators, planners and many other types of customer.

To promote the vision of the “Internet of Light”, Tridonic relies on partnerships with other specialists. The goal is the joint development of innovative technological solutions that convert lighting systems into intelligent networks and thereby enable associated services. Its profound, technical industry expertise makes Tridonic an ideal partner for established brands and for newcomers to the market.

Tridonic is the technology company of the Zumtobel Group and is headquartered in Dornbirn, Austria. In the 2019/20 fiscal year, Tridonic achieved sales of 341.4 million euros. 1,932 highly skilled employees and a worldwide sales presence in over 60 countries provide the basis for developing and launching new, smart and connected lighting systems.

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