Colasse



CASE STUDY

Hospitality · LED lighting

Corridors, rooms, car park
& emergency lighting

Mövenpick Hotel: a thread of light

Colasse designed the LED lighting of this 151-room hotel, manufactured the components of the custom LED lines and supplied the luminaires for the corridors, rooms, car park and emergency lighting. The works were carried out with a partner electrician.

≈ 1,200 m	7	300+	2700 K
of continuous LED lines in the corridors	floors of rooms equipped	self-testing emergency luminaires	warm white, CRI 90, DALI dimmable

Context

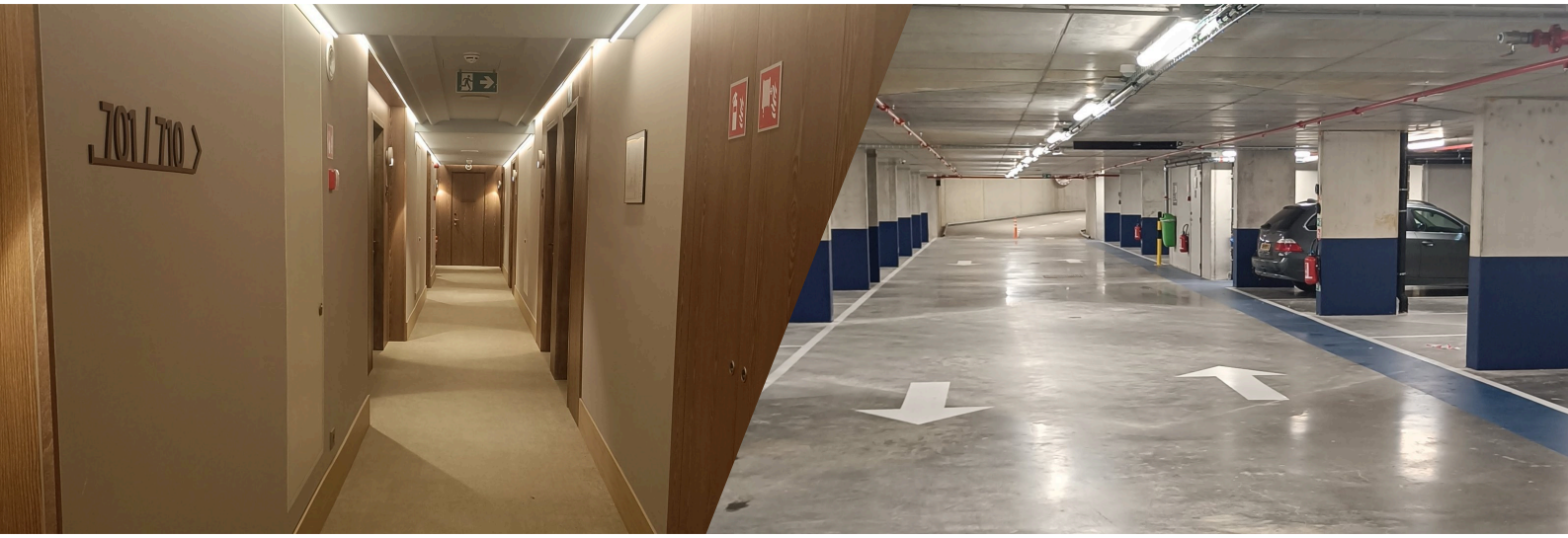
In Diegem, a few minutes from Brussels Airport, the building on Excelsiorlaan was converted into a **Mövenpick** hotel: 151 rooms on seven floors, a panoramic restaurant, a fitness room and three underground car park levels.

In a hotel, corridors, landings and car parks stay lit **24 hours a day**: lighting weighs on the energy bill. It is also the guest's first impression between the lift and the room.

The challenge: warm, invisible light

The interior design called for **indirect light** hidden in the corridor coves, over several dozen metres per floor, with the same warm tint from end to end and no hot spots or dark areas at the joints.

All this on a **live construction site**: low suspended ceilings, changing plans, floor-by-floor deliveries and an opening set for the end of 2024.



Our solution

After **lighting studies zone by zone** and a test kit in a sample corridor, Colasse chose **2700 K, CRI 90** LED strips in long runs of 12 and 15 m powered at 48 V: fewer joints and a more uniform line.

Colasse **manufactured the components** of these lines: LED strips, aluminium profiles and impact-resistant opal diffusers. The partner electrician assembled them on site. The lines are controlled by **DALI drivers**. Lift landings with light frames cut at 45°, black profiles on level 0, more than 340 spotlights at the room entrances, waterproof battens and bulkheads in the car park.

The result

Between the lift and the room, the light guides the guest:

- it washes over the walls and doors, **without glare**;
- the same warm tint on every floor, **with no visible joints**;
- more than 300 self-testing emergency units, **suited to the low ceilings**.

From the zone-by-zone studies to the opening of the hotel, Colasse managed the lighting package with the partner electrician. Our teams remained available after the opening for the additions requested by the operator.

Studies, design, component manufacturing, supply and site follow-up
2024 – 2025

Mövenpick Hotel Brussels Airport

- 151-room hotel, Excelsiorlaan 18, Diegem (Zaventem), Belgium.
- Seven floors of rooms, panoramic restaurant on the 8th floor, fitness room and three car park levels.
- Opened at the end of 2024.

Project photos: colasse.be/projects/hotel-movenpick-brussels-airport

Colasse

Understanding your challenges is already securing your project.
Let's talk.

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