



RENAULT BOULONGE BILLANCOURT PONCTUELLE X AMBIANCE LUMIÈRE



Ponctuelle Light Design's Monia Ounis has collaborated with Ambiance Lumière to create a beautiful fibre-optic installation for Renault at its newly renovated Boulonge Billancourt site. Proposed by project architects BOMA, the monumental, 14-metre chandelier dominates the double-height entrance hall of the building – itself a testimony of the industrial architecture of the early 19th century.

Ounis designed the chandelier alongside Ambiance Lumière after being approached by the architects to create something that would complement the natural light that floods into the space through its glazed roof.

Through the use of Ambiance Lumière's fibre-optics, Ounis has created an installation that creates a shimmering rain-like effect that fills the hall, bringing a lively sense of intrigue to the space.

However, the project was not without its challenges, as Ounis explained: "Due to the weight and the budget, the number of fibres couldn't exceed 740, and the challenge was to find the best distribution to have a density perception, and at the same time to have a suitably large coverage for the entrance.

"For the design of the grid, we worked to achieve the right balance between density and lightness, number of points and coverage. From the original circular support imagined by the architects, we moved to an ovoid shape," she continued. Four optical fibre bundles are connected to an LED generator in the attic space, before passing through the glass ceiling to be distributed across the 740 points on the grid, adding to the cascading nature of the piece.

The fibres then had to be trimmed to size, cut to random lengths to create the suspended 'rain' of fibres that Ounis sought. "That led to the most exciting step of the job after the design," she said. "The last phase was to make the final 'hair cut' of the fibres, adjusting their length manually before adding the glass pendants on site."

With its soft illumination, both in day and night, the installation brings a delicate brightness to the grand entrance hall.

Through her collaboration with Ambiance Lumière, Ounis has designed a remarkable piece that beautifully captures the illusion of smooth rain under a clear sky.

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Image: Paolo Carrozzino





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