

Christie Projection Powers DOOH Advertising in Seville

Written by Dylan Card
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LumenAd, a Seville-based advertising company, recently acquired two Christie Crimson laser projectors to use in its projects with digital out-of-home (DOOH) media.



Under the name **Big Brand** (aimed at major brands that wish to reinforce their image by identifying with values like respect for the environment, quality and innovation), LumenAd now offers video projection for outdoor advertising as an alternative to conventional platforms (paper, vinyl, canvas and LED).

Alfonso Callejas, CEO at LumenAd, explains: “In addition to the size, image quality and versatility, the video projection ensures impeccable visualization in DOOH projects, and also affords other major benefits in terms of environmental sustainability and its non-aggressive integration in the urban landscape.”

The company uses the two Christie Crimson projectors in a DOOH installation on the facade of Galia Nervión, a well-known building located in the heart of Seville’s main shopping district.

The screen is strategically placed at the crossroads of two of the city’s main avenues, which is a high traffic area frequented by vehicles and pedestrians.

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From a technical viewpoint, LumenAd says the installation is an international milestone given its complexity and novelty. There are three buildings involved: two of them host the projectors on their rooftops while the third (Galia Nervi3n) acts as a screen. The equipment is not visible and does not occupy the public space.

The result is a “full motion” screen covering 460 square meters (40 meters wide by 11.5 meters high) with a resolution of 3840 x 1080 pixels, which covers part of the building’s east and south faades. Together, the two Crimson projectors with WUXGA resolution (1920 x 1200) produce 50,000 lumens.



Besides the actual projector itself, one of the two “projector buildings” also houses the equipment for content playback and the monitoring and control systems, all of which are automated and remotely controlled. To synchronize the two screens, the video signal is relayed wirelessly to the second projector, producing one single screen split down the middle by 90 degrees at the corner of the building.

To protect the projectors outdoors, LumenAd designed a special casing that accounts for factors including humidity, ventilation and waterproofing. The throw distance of the two projectors to the screen is approximately 50 meters, and the distance between the projectors is 90 meters. The screen can be visualized from 10 to 300 meters.

Some of the brands which have already used the support are Telepizza, Motorola, Vodafone, McDonalds, and Beefeater.

The LumenAd CEO explained why they decided to opt for Christie Crimson 3DLP technology laser projectors: “I would say that the main reason is the lamp consumption. Calculator in hand, if you bear in mind that the installation is operating an average of five hours a day, 365 days a year, you would need 4.5 lamps (400 hours, without taking them to their limit). The Crimson’s 20,000 hours of operation, even reducing it by half, means a big saving on running costs, and if you multiply that by two, as is our case, then the savings are even greater.”

He added: “Apart from the issue of the lamps, we also looked at the requirements for power consumption and ventilation, which are less in the Crimson as compared with the Roadster; this was very important for us, considering that we are operating outdoors, inside our own self-designed casing, and it allows us to better control issues like humidity. I was also swayed by the precision of the electronics, the built-in Christie Twist, and the much more complete information on the projector like temperatures, and the preview screen.”

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