



# SHOWCASE

Bus Terminal Schiphol Noord – Schiphol, The Netherlands



For the new bus station 'Knooppunt Schiphol-Noord' a British T2-airplane hangar from World War II has been relocated to the premises of Amsterdam Airport Schiphol and then renovated. The clients wanted to realize an energy-efficient and self-sufficient bus terminal with a roof, with emphasis on a comfortable atmosphere for the daily traveler. So the aim of the designer and architect was to create a bus station, which does not look like a bus station. During daytime the translucent white roof panels guarantee perfect light levels. After sunset the 4500 m<sup>2</sup> roof is illuminated by 138 Nano Liner Allegro RGB LED luminaires, and the 4,500 m<sup>2</sup> platform below by 184 Nano Liner Allegro 4000 K LED luminaires. Together, the Traxon LED downlights and LED uplighters create a pleasant neutral white light level with an atmospheric play of colors on the ceiling. Due to the translucent ceiling, the lighting animations are visible from both inside and outside of the terminal, and even visible out of the ascending airplanes. The downlights are programmed statically with light intensity depending on their individual positions. The RGB uplighters are programmed dynamically, using a 24/7 standard program as well as special "shows" for special occasions such as the King's Day, Christmas or national sporting events. e:cue LAS Enterprise allows to display also slow changing low resolution images and movements. 22 solar panels on the roof produce the necessary power for the entire facility.

## FEATURED PRODUCTS



Nano Liner Allegro AC XB

## METHOD OF CONTROL



LAS

## PROJECT DETAILS

**Category:** Architectural  
**Location:** Schiphol, The Netherlands  
**Client:** Schiphol Group  
**Lighting Designer:** Claessens Erdmann  
**Architect:** Claessens Erdmann  
**Installer:** Heijmans  
**Traxon partner:** Maramoja Projects  
**Completion Date:** July 2015