



Still the largest ever passenger ship, the construction of Allure of the Seas began at the Perno shipyard in Turku, Finland, in February 2008 and took two years to complete.

Royal Caribbean Cruises

Allure Of The Seas



Project Requirements

Designed as a 'ship of entertainment' Allure Of The Seas features 16 decks, 7 distinct neighbourhoods, 28 ultra-modern loft suites and 2,700 spacious staterooms. Almost 40 architects and lighting consultants were involved in delivering the vast and sophisticated solution which was needed to seamlessly integrate the massive amounts of light sources and lighting control products into one, ship-wide Lighting Control System which would be able to support remote monitoring and controllability through an IT networked system. A Helvar Lighting Control System was specified.



Solution

The system is designed to maximize passenger comfort whilst meeting the regulations that ensure harsh weather conditions do not affect the products' performance. In addition to altering both interior and exterior moods on the ship, the lighting system also meets the latest energy saving standards. Lighting scenes are programmed to follow the diurnal rhythm of passengers and the ship herself; manual and automated light levels and lighting scenes as well as presence detection create maximum energy savings.



Applications

- | | |
|--------------|------------------------|
| Cabins | Shops |
| Concert Hall | Landscaping |
| Ballroom | Control Room |
| Corridors | Interior Public Spaces |
| Stairs | Pool Areas |
| Bars | Decks |
| Gym / Spa | |

The Helvar Lighting Control System was delivered by Audico, Finland's leading AV and Lighting Control Integrator, enabling full synthesis with the ships AV and entertainment systems. As well as the ship's Lighting Control System Helvar supplied over 5700 electronic ballasts.

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