



Resource: Meyer Werft, Papenburg

SHOWCASE

Norwegian Cruise Line – Papenburg, Germany



Lighting on a cruise ship calls for something striking, elegant, and luxurious, yet at the same time robust and energy-efficient. With the help of OSRAM's energy efficient LED technology, two of Norwegian Cruise Line (NCL)'s newest ships – "Getaway" and the award-winning "Breakaway" – are able to achieve the design vision, while reducing ship operators' energy costs by up to 18%. With this target in mind, the Meyer Werft shipbuilders installed about 17 kilometers of flexible LED modules and other luminaires, ranging between 60,000 and 80,000 lights per ship, from simple spotlights to chandeliers and disco lighting. OSRAM worked closely with shipbuilders to offer a wide range of energy-efficient lighting solutions—from lamps and ballasts to flexible LED systems and LED luminaires, down to intelligent dynamic lighting and control solutions from our subsidiary Traxon Technologies and its control brand, e:cue. Additionally, the solution needed to meet the high standards required when it comes to fire safety and the saltwater resistance of the luminaires, without compromising the design intent. After successfully tackling the complex task of constructing a cross between luxury hotel and ocean liner, OSRAM is working alongside Meyer Werft with other partners on further projects.

FEATURED PRODUCTS



Media Tube RGB
diffused



16PXL Board
RGB



Butler XT2



Lighting Control Engine 2
(LCE2)



Wall Washer XB-36
RGB



Butler S2



DMX20C
12 Channel

METHOD OF CONTROL

PROJECT DETAILS

Category: Entertainment
Location: Papenburg, Germany
Client: Meyer Werft / Norwegian Cruise Line (NCL)
Lighting Design General Illumination:
Project International, London
Lighting Design Entertainment Area: FUNA
Head of OSRAM Marine Lighting: Andreas Bär
Project Manager Getaway: Stephan Schmees
Completion Date: January 2014

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