

## Press Information

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### **PHILIPS LEADS THE WAY WITH LED INNOVATION TO MEET SUSTAINABILITY NEEDS OF INDUSTRIAL LIGHTING**

**Frankfurt, Germany** - At Light + Building 2012, Philips presents a selection of LED lighting innovations designed to reduce the energy consumption and carbon footprint of large industrial facilities.

The Industrial sector has been through a significant transformation over the past few years with increasing pressure from legislation to meet sustainability and energy efficiency targets. At the same time, maintaining employee comfort and safety as well as productivity is also essential. While the sector is under pressure, there are also opportunities for growth and warehouse and factory managers are looking for smart ways to balance growth with reducing their carbon footprints.

The transportation and logistics industry has been booming as global trade has grown and more facilities created to distribute goods. Industries such as freight companies and their clients can have a significantly high carbon footprint and are looking for ways to reduce consumption; this can be mitigated by efficient lighting solutions. Lighting can account for up to 70% of energy consumed by a warehouse, and provides one of the greatest opportunities for facilities to reduce their environmental impact by installing high-efficiency lighting.

#### **LED Innovation for Industry Lighting**

With sustainability, energy efficiency and reduced running costs high on the agenda for transport and logistics companies, Philips introduces two new innovations designed for warehouse, automotive and high end assembly applications - **the Maxos LED** and the **Maxos LED Performer Trunking Systems**.

The Maxos LED Trunking System offers up to 82% higher efficiency compared to conventional trunking systems, a fully dimmable function to maximise energy savings and minimize maintenance costs and is also modular and flexible. It can be retrofitted into existing Maxos and TTX400 conventional trunking systems, allowing customers to upgrade to LED, as well as being suitable for new lighting installations.

The Maxos LED Performer offers precision beam shapes to deliver energy savings and minimize light spill, while still providing high quality light. It also comes with a host of available options and accessories, such as spot lights and projectors interspersed in the light lines, ensuring customers' flexibility

Trunking systems provide long light lines built up from individual units, thus providing a flexible solution – as each individual unit's beam shape, light output and dimming can be altered. These features create an effective lighting solution for large spaces with varied lighting requirements, such as in a factory or warehouse.

LED lighting innovations such as Philips' Maxos LED trunking System and Maxos LED Performer can significantly improve the efficiency of industrial buildings and ensure that warehouses, production spaces and facilities areas meet environmental standards without compromising on light quality. These new innovations also help companies reduce their CO2 emissions, which in turn can help their clients reduce the carbon footprint in the manufacturing and shipping of their goods.

**For further information, please contact -**

Shai Dewan

Philips Lighting Communications

Tel: + 31 6 20 69 58 22

Email: shai.dewan@philips.com

**About Royal Philips Electronics**

*Royal Philips Electronics of the Netherlands (NYSE: PHG, AEX: PHI) is a diversified health and well-being company, focused on improving people's lives through timely innovations. As a world leader in healthcare, lifestyle and lighting, Philips integrates technologies and design into people-centric solutions, based on fundamental customer insights and the brand promise of "sense and simplicity." Headquartered in the Netherlands, Philips employs approximately 122,000 employees with sales and services in more than 100 countries worldwide. With sales of EUR 22.6 billion in 2011, the company is a market leader in cardiac care, acute care and home healthcare, energy efficient lighting solutions and new lighting applications, as well as lifestyle products for personal well-being and pleasure with strong leadership positions in male shaving and grooming, portable entertainment and oral healthcare. News from Philips is located at [www.philips.com/newscenter](http://www.philips.com/newscenter).*