

PHILIPS Lighting

Press Release

March 13, 2018

Philips Lighting's new innovations make switching to LED lighting even easier

Eindhoven, the Netherlands – Philips Lighting (Euronext: LIGHT), the world leader in lighting, today announced two new innovations, the **Philips TrueForce LED Road** and the **Philips CorePro LEDtube Universal T8**. Philips TrueForce LED Road is the world's first 'plug and play' replacement SON-T LED lamp for street lighting, making it easy to upgrade existing installations to LED without having to replace the luminaire. The Philips CorePro LEDtube Universal T8 is a breakthrough range of affordable tubes for trade customers, making tube replacement as easy as it was with fluorescent tubes.

Philips TrueForce LED Road for 'like-for-like' street lighting

The new **Philips TrueForce LED Road** is the first of its kind to fit into the standard E27 fixture and replicate a similar light effect to conventional street lighting. Philips TrueForce LED Road reduces the time needed to maintain, replace and fit each street light, including the knock-on time required for road closures. In addition, its longer lifespan of more than eight years plus energy savings of up to 45% compared to conventional bulbs help save on running costs.

The Nacka Municipality in Sweden has already trialed the new Philips TrueForce LED Road. Mikael Jansson, the street lighting expert at the municipality said: "Philips TrueForce LED Road, provides better light quality and a safer outdoor environment, compared to a 70W high pressure sodium lamp. The installation was as easy as installing a regular lamp and it fit various distinctive applications. Philips TrueForce LED Road is a good alternative to LED luminaires when budgets are tight."

Modernizing the traditional 20-30-year old street lighting design, the new Philips TrueForce LED Road distributes a similar amount of light as conventional street lights and is available in warm white as well as a cooler white, to seamlessly blend in with existing street lights. With a significantly improved Color Rendering Index compared to conventional SON-T lamps, it also enhances the feeling of comfort and safety. Philips TrueForce LED Road will be available across Europe from July 2018.

Philips Lighting Strengthens Universal LED Tubes Portfolio with New Affordable Range for Trade Customers

Philips Lighting announced a breakthrough range of universal tubes, the **Philips CorePro LEDtube Universal T8**, for trade customers. With this new addition, Philips Lighting now offers the broadest range of LED tubes for different applications in the industry, serving the high-end specification market with the existing MASTER Universal range and trade customers with the new CorePro Universal range.

Harnessing Philips Lighting's expertise, Philips CorePro LED tube Universal T8 makes installing tubes as easy as it used to be with fluorescent tubes. The range is affordable compared to high end universal LED tubes, making it the ideal alternative to standard fluorescent lights for trade customers.

Designed for simplicity, the Universal T8 tube is optimized to work with all driver technologies, fitting directly in luminaires operating on electromagnetic ballasts or HF electronic ballasts, reducing the cost of stocking different types of tubes. Philips CorePro LED tube Universal T8 can also connect

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directly to the mains power, bypassing the ballast. This enables additional energy savings. And by simplifying the tube selection process, it enables lighting professionals to allocate their time, expertise and resources to installing the perfect lighting for different needs.

Designed for lighting a wide variety of spaces like car parks, garages, corridors and shopping malls, the new universal LED tube delivers a high quality and reliable light along with up to 65% energy-savings, compared to the traditional TL-D fluorescents it replaces. Philips CorePro LEDtube Universal T8 will be available across Europe from May 2018.

Philips Lighting will be showcasing its new LED lamps at Light+Building 2018, at the Philips Lighting booth in Hall 0: Forum. Media and bloggers are invited to join the Philips Lighting press conference, on Monday, March 19, at 1.00pm at the Philips Lighting booth. You can also watch the press conference webcast live [Click here](#).

Philips CorePro LEDtube Universal T8							
Product type	Lumen Output	Operations	Beam angle	CRI	Color temp.	Lifetime	Energy label
	lm	IM/W	°	-	K	Hrs.	-
CorePro LEDtube UN 1200mm HO 18W830 T8	1850	EM & Mains & HF	240	80	3000	30.000	A+
CorePro LEDtube UN 1200mm HO 18W840 T8	2000	EM & Mains & HF	240	80	4000	30.000	A+
CorePro LEDtube UN 1200mm HO 18W865 T8	2000	EM & Mains & HF	240	80	6500	30.000	A+
CorePro LEDtube UN 1500mm HO 23W830 T8	2500	EM & Mains & HF	240	80	3000	30.000	A+
CorePro LEDtube UN 1500mm HO 23W840 T8	2700	EM & Mains & HF	240	80	4000	30.000	A+
CorePro LEDtube UN 1500mm HO 23W865 T8	2700	EM & Mains & HF	240	80	6500	30.000	A+

Philips TrueForce LED Road								
Product type	Lamp Wattage	System Wattage	Lumen output	Color temp.	Life-time	CRI	Surge protection	Dimensions
	W	W	lm	K	Hrs.	-	kV	D x L
TForce LED HPS ND E27 740	37	46	6000	4000K	50.000	70	6kV	60 x 196
TForce LED HPS ND E27 730	37	46	5500	3000K	50.000	70	6kV	60 x 196

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About Philips Lighting

Philips Lighting (Euronext: LIGHT), the world leader in lighting products, systems and services, delivers innovations that unlock business value, providing rich user experiences that help improve lives. Serving professional and consumer markets, we lead the industry in leveraging the Internet of Things to transform homes, buildings and urban spaces. With 2017 sales of EUR 7.0 billion, we have approximately 32,000 employees in over 70 countries. News from Philips Lighting is located at the [Newsroom](#), [Twitter](#) and [LinkedIn](#). Information for investors can be found on the [Investor Relations](#) page.