



PHILIPS

LED lamps



LED Lamps – Trade Channel

2018 Introductions

Product Marketing

LED Lamps

23.05.2018



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Agenda

- 2018 Introductions
 - Recap Q1 & Q2 Introductions
 - Preliminary Q3 Introductions
- LED Tubes





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LED lamps



LED Lamps Novelties

Final H1 2018 & Preview of Q3 2018



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CorePro LEDbulbs

The affordable LEDbulb solution

CorePro LEDbulbs are compatible with existing fixtures with an E27 or B22 holder and are designed for retrofit replacement of incandescent bulbs. They deliver huge energy savings and minimize maintenance cost. The CorePro LED bulb is the perfect bulb for your basic lighting needs. It provides the beautiful light and dependable performance you expect from LED at an affordable price.

PIPO information: CorePro LEDbulbs is PIPO diff;

Product benefits

With a pure and elegant design, this bulb is the perfect replacement for your matted incandescent bulbs;
Up to 80% energy saving;
Lower maintenance costs

Features

Easy retrofit with existing E27 and B22 holders;
Instant full light on: Philips LED light bulbs provide their full level of brightness immediately upon switching on;
Lifetime of 15,000 hours;
Available in 2700K, 3000K, 4000K and 6500K;
UV- and IR-free light

Applications

Hotels, restaurants, bars, cafés, museums, shops; Hotel rooms, lobbies, corridors, stairwells, washrooms, reception areas, exhibitions, display cabinets



2700/3000



4000/6500



15,000 hours



CRI



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PIPO information: CorePro LEDbulbs is PIPO diff;



12NC	Predecessor 12NC	Product type	EOC	Bulb shape	Input wattage	Replacement	Color temperature	Lumen output
929001892402	929001817302	CorePro LED bulb ND 19.5-150W A67E27 827	871869681385000	A67	19.5	150	2700	2500
929001892502	929001817402	CorePro LED bulb ND 17.5-150W A67E27 840	871869681387400	A67	17.5	150	4000	2500
929001892602	929001817502	CorePro LED bulb ND 17.5-150W A67E27 865	871869681389800	A67	17.5	150	6500	2500



Q3 2018 LED Bulbs intro's – overview – new codes

For some products, no dedicated codes in PROF. Instead consumer codes will be activated in PROF.

Added features & Specialty



60W SSW
2700/4000
A60

Final visual not yet available – W/O ring



60W SSW
2700/2500/2200
A60

Final visual not yet available



40W SSW
2700/2500/2200
B35



Colored Bulbs
Red/Yellow/Blue/Green/
P45

CorePro Dim



100W Dim
E27/B22
A60 (from A67 to A60)

Master LED bulbs

Visual not yet available

75W/100W WGD/DT
2200-2700 FR
A67 CR190

Classic Filament LED Lamps

Final Visual not yet available



40W/60W WGD/DT
2200-2700
A60/ST64



100W Dim
2700
A67

Final Visual not yet available

40W Dim
2700
ST64

Final Visual not yet available

60W Dim
2700 E27/B22
ST64

Final Visual not yet available

60W Dim
2700
G93

Final Visual not yet available

60W Dim
2700
G120



40W/75W Non Dim
2700/4000/6500
A60



100W Non Dim
2700/4000/6500
A67



40W Non Dim
2700
B35/P45



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HID replacement



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TrueForce LED Industrial and Retail (Highbay – HPI/SON/HPL)

Ideal for HPI/SON/HPL LED replacement in Highbay application

Philips TrueForce LED Industrial and Retail lamps give you a quick and easy payback solution to replace HID lamps in Highbay application. The solution gives you the LED benefits of energy-efficiency and long-lifetime, plus they come for a low initial investment.

With unique lamp design and compatibility, you can directly retrofit HID lamps with TrueForce LED lamps without changing the fixtures or gear. Multiple beam angle options and high colour rendering index enhance the lighting distribution while creating a comfortable, safe and high productivity environment.

PIPO information

Product benefits

- Instant upgrade and easy to install - less time consuming and safer working at height.
- Great payback (<2 years) and extended energy savings of 65% vs. existing conventional systems
- Low initial investment

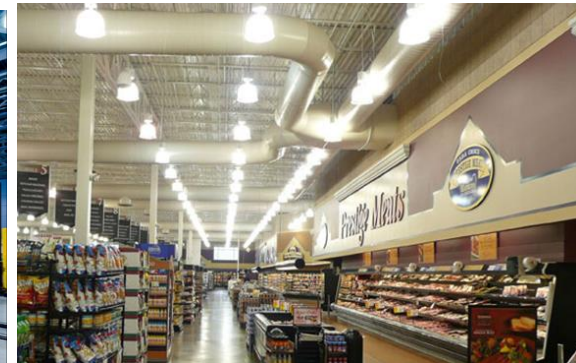
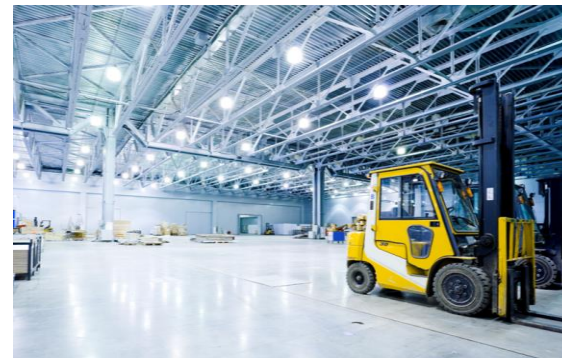
Applications

- Industrial - factories, warehouses, distribution centres
- Retail - hyper markets, shopping malls
- Others - transportation hubs, convention centres, sport/city halls

Features

- Direct lamp replacement solution without changing the fixture or gear
- High energy efficiency with directional light
- Long lifetime 50,000hrs for operation efficiency
- 14.000lm (NB)/16.000lm (WB) directional light distribution(*).
- Crispy white light 4000K, CRI80 for better visual color.
- Product weight < 1,3kg

(*) useful lumen output. Total lumen of both NB/WB equals 20.000lm



TrueForce Industrial and Retail

250W and 400W traditional lamps equivalent



Product types	Cap/ socket	Color temp	Lumen output	Lumen output (total)	Lifetime	Voltage	CRI	12NC	EOC
		K	lm		h	V			
TForce LED HPI ND 110-88W E40 840 60D	E40	4000	8000 ¹⁾	11000	50 000	100-145	80	929001356802	871869671378500
TForce LED HPI ND 110-88W E40 840 120D	E40	4000	10000 ²⁾	11000	50 000	100-145	80	929001356902	871869671382200
TForce LED HPI ND 200-145W E40 840 60D	E40	4000	14 000 ¹⁾	20000	50 000	100-145	80	929001357002	871869671386000
TForce LED HPI ND 200-145W E40 840 120D	E40	4000	16 000 ²⁾	20000	50 000	100-145	80	929001357102	871869671388400

- 1) Measured in 90° cone
2) Measured in 120° cone



TrueForce LED Public (Urban/Road – HPL/SON)



What's new

- IP65
- New CCT: 3000K

The best LED solution for High Intensity Discharge (HID) lamp replacement

Philips TrueForce LED lamps provide an easy LED solution with a fast payback to replace High-Intensity Discharge (HID) lamps. These lamps bring the energy efficiency and long lifetime benefits of LED to HID replacement, with a low initial investment delivering instant savings. With the right lamp size and light distribution, customers can easily retrofit TrueForce LED lamps into their existing system, thereby enhancing the light quality without having to change the fixtures or sacrifice the light effect.

PIPO information: Hard code change - New 12NC & new EAN1 & PIPO NEW

Product benefits

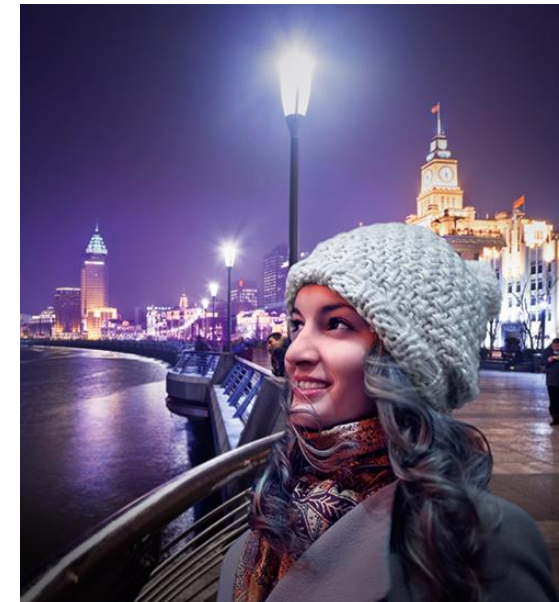
- Cost savings ensure a quick payback
- Low initial investment
- Enhanced light quality and easy adoption
- IP65

Features

- High energy efficiency
- Long lifetime 50,000hrs
- Right lamp size and lighting distribution for direct retrofit
- Available in 2 CCTs: 3000K, 4000K
- Light in weight
- Up to 6KV surge protection

Applications

- Public urban - parks, squares
- Public road - streets, paths
- Public area - parking, transportation hubs



TrueForce LED Public (Urban/Road – HPL/SON)



What's new

- IP65
- New CCT: 3000K

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PIPO information: Hard code change - New 12NC & new EAN1 & PIPO NEW



Material description	Voltage (Vac)	Input Current (mA)	Lamp Wattage (W)	Lumen (lm)	CRI	EEL label	Dimensions (Width x Height)	12nc
TForce LED HPL ND 46-33W E27 730 CL	220-240V	165	33	4600	70	A++	84 x 178	929001897602
TForce LED HPL ND 42-33W E27 730 FR	220-240V	165	33	4200	70	A++	84 x 178	929001897702
TForce LED HPL ND 48-33W E27 740 CL	220-240V	165	33	4800	70	A++	84 x 178	929001897802
TForce LED HPL ND 44-33W E27 740 FR	220-240V	165	33	4400	70	A++	84 x 178	929001897902
TForce LED HPL ND 31-25W E27 730 CL	220-240V	135	25	3100	70	A++	84 x 178	929001898002
TForce LED HPL ND 28-25W E27 730 FR	220-240V	135	25	2800	70	A+	84 x 178	929001898102
TForce LED HPL ND 32-25W E27 740 CL	220-240V	135	25	3200	70	A++	84 x 178	929001898202
TForce LED HPL ND 29-25W E27 740 FR	220-240V	135	25	2900	70	A+	84 x 178	929001898302



Preview Q3 2018

TrueForce Road (SON-T replacement)

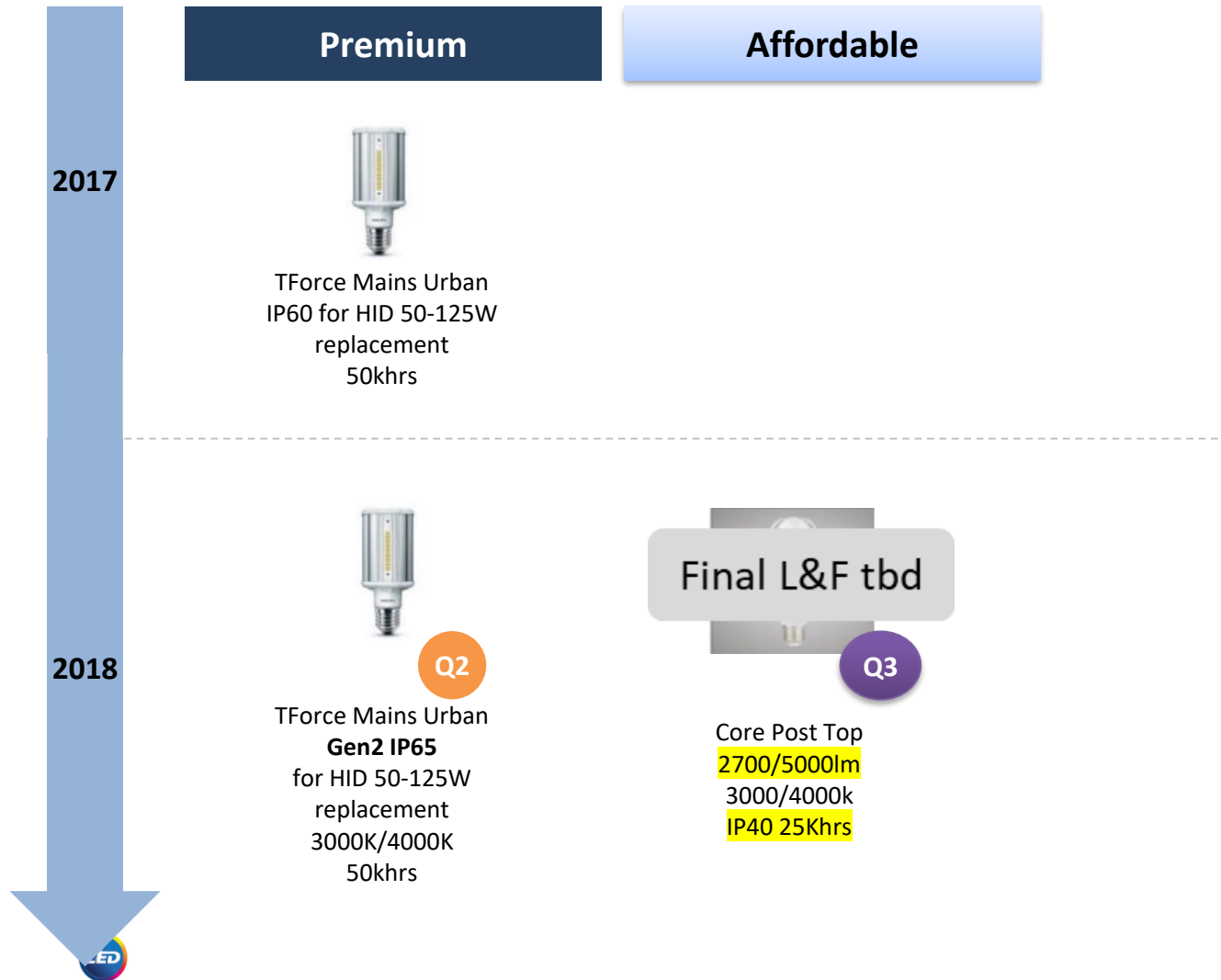


TForce EM Road
HPS 70W replacement
3000K/4000K
6000lm
50khrs



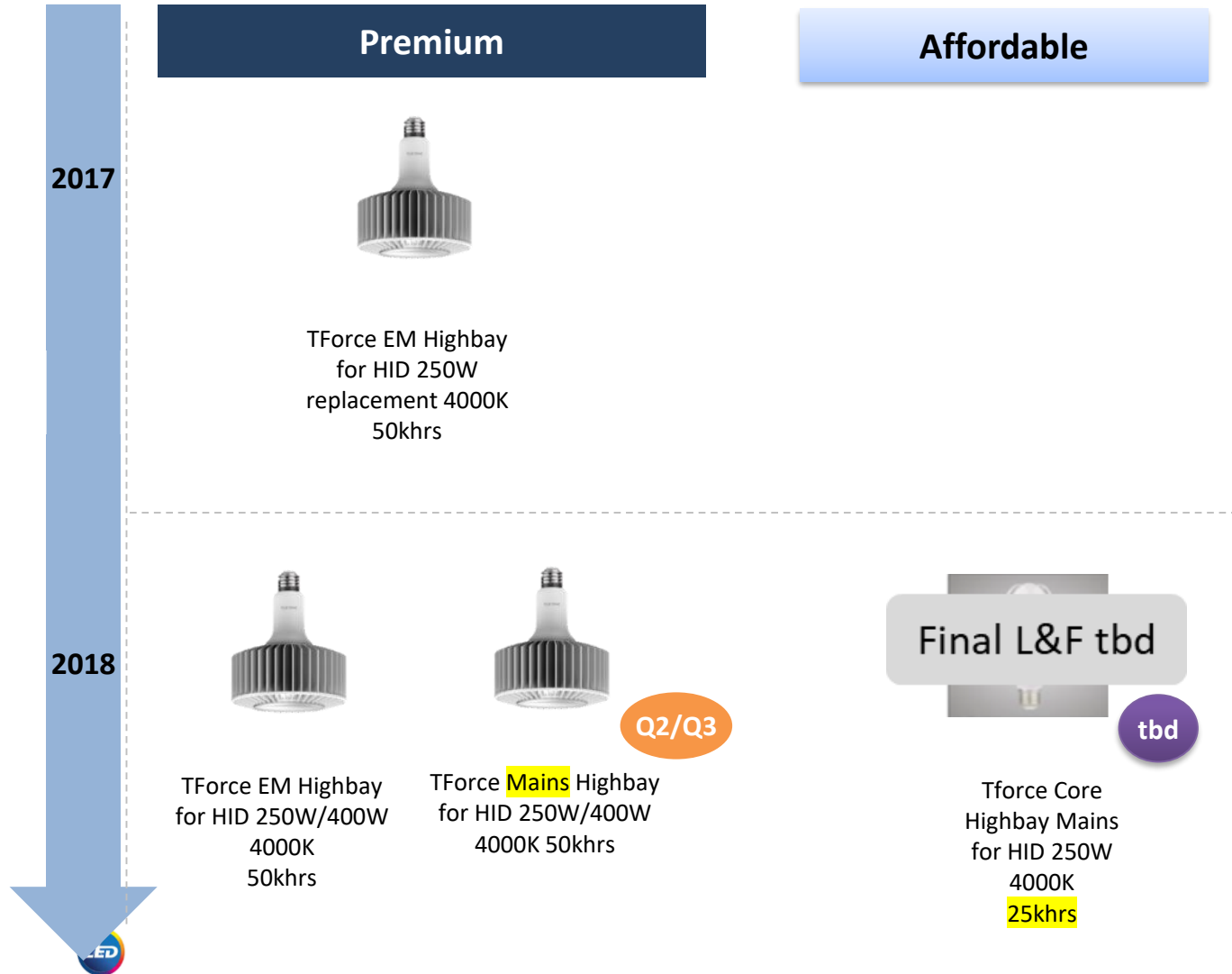
Preview Q3 2018

TrueForce Urban (PostTop)



Preview Q3 2018

TrueForce LED Industrial and Retail



LED spot



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Preview Q3 2018

MASTER PREMIUM LED spot intro's



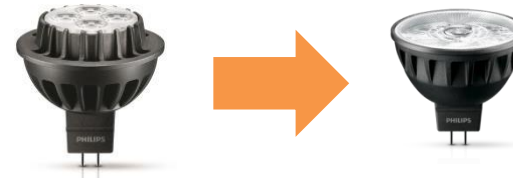
What's new

- All MR16 Premium get ExpertColor L&F

MASTER LED spot LV Premium



50W
24/36
D
827/830/840



Preview Q3 2018

MASTER VALUE LED spot intro's



What's new
- All MR16 Value the same L&F,
no protrusion

MASTER VLE LED spot LV



35W
36D
DimTone

50W
36/60D
827/830/840



Preview Q3 2018

CorePro LED spot intro's

CorePro LED spot MV



670lm
60D
830/840/865

CorePro LED spot LV



50W
36D
827/830/840



Preview Q3 2018

CorePro Reflectors intro's



What's new

- New glass design,
DIM II compliancy met

CorePro Reflectors LED spot



R80
60W/100W ND
36D
827



R63
40W ND/60W D
36D
827



R50
25W ND/40W ND/60W D
36D
827



R39
30W ND
36D
827



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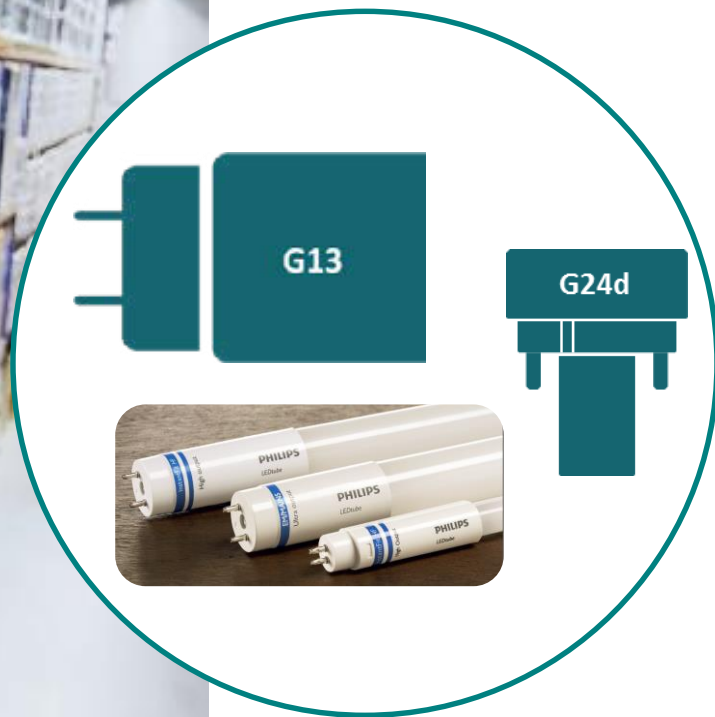
Preview Q3 2018

CorePro Specials LED spot intro's

G4 LV			G9 MV
			
10W ND 827/830	20W ND 827/830	30W ND 827/830	40W ND 827/830
New Look & Feel			Upgrade to 40W



LED Tube



CorePro LEDtube HO EM/Mains T8



Unique affordable T8 HO proposition for Trade stock & flow
CorePro now covers more demanding application with HO package

The CorePro LEDtube is an affordable LED solution suitable for replacing T8 fluorescent lamps. The product provides a natural lighting effect for use in general lighting applications, as well as instant energy savings – an environmentally friendly solution.

PIPO information: New product – Phase-in

Product benefits

- Retrofit replacement of existing T8 lamps on electromagnetic (EM) ballast installations
- Minimizes overall lighting costs
- Large application coverage due to High Output lumen package
- Offers cheapest and easiest upgrade to LED lighting technology

Features

- 50% energy consumption compared to fluorescent tubes
- Lasts two times longer than fluorescent tubes
- Glass platform, large beam angle 240D
- HO lumen package up to 2700 lumen



Applications

- Parking lots and covered car parks
- Warehouses and coldrooms
- Signage
- Office & industrial facilities (walkways, stairways, storage...)
- Education, retail spaces



4000 / 6500



30,000 hours



non-dimmable



240
GLASS



CRI



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PIPO information: New product – Phase-in

12NC	Predecessor 12NC	Product type	EOC	Bulb shape	Input wattage	Replacement	Color temperature
929001874802		CorePro LEDtube 1200mm HO 18W 865 T8	871869680611100	LEDtube	18	36	6500
929001874902		CorePro LEDtube 1200mm HO 18W 840 T8	871869680613500	LEDtube	18	36	4000
929001875002		CorePro LEDtube 1500mm HO 24W 865 T8	871869680615900	LEDtube	24	58	6500
929001875102		CorePro LEDtube 1500mm HO 24W 840 T8	871869680617300	LEDtube	24	58	4000



CorePro LEDtube Universal T8 1200/1500mm



Unique affordable T8 Universal proposition for Trade stock & flow
Unique ``real universal TLED`` HF+EM +Mains

The new Philips CorePro LEDtube Universal T8 brings ease and simplicity to your lighting project. That's because you do not need to match the driver technology anymore: a unique design enables the Philips CorePro LEDtube Universal T8 to directly fit in luminaires operating on either electromagnetic ballasts or HF electronic ballasts or mains power connection. It is so simple to operate and you no longer need to stock two types of tubes! Perfectly safe, reliable & easy to install Philips CorePro LEDtube Universal T8 is the ideal alternative to standard fluorescent tubes to maximize value over lifetime with high energy saving and lower maintenance costs.

PIPO information: New product – Phase-in

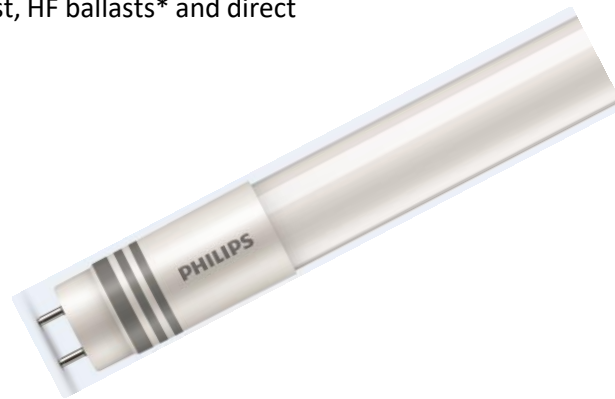
Product benefits

- Reduced operational cost thanks to 50% energy saving and 2x lifetime vs conventional
- Large application coverage due to High Output lumen package
- Universal compatibility: fastest and easiest way to upgrade existing luminaires to LED technology whatever the driver technology is: the product is compatible with EM ballast, HF ballasts* and direct mains

Features

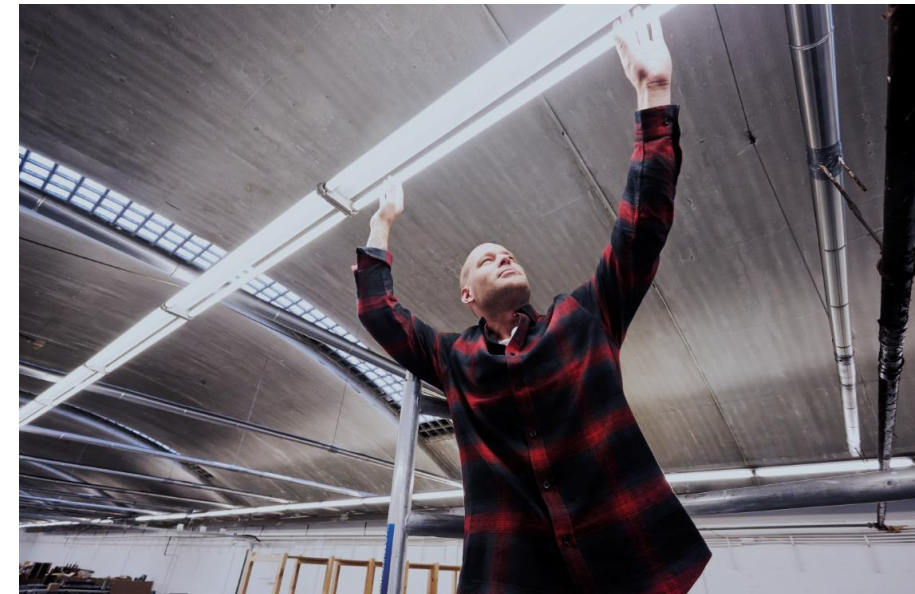
- Universal fit: EM or HF or direct mains
- Glass platform, large beam angle 240D
- HO lumen package up to 2700 lumen
- Embeds InstantFit technology for largest HF ballast compatibility*
- No mercury

* Ballast compatibility list will be available



Applications

- Parking lots and covered car parks
- Warehouses and coldrooms
- Signage
- Office & industrial facilities (walkways, stairways, storage...)
- Education, retail spaces



CorePro LEDtube Universal T8 1200/1500mm



Unique affordable T8 Universal proposition for Trade stock & flow
Unique ``real universal TLED`` HF+EM +Mains

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PIPO information: New product – Phase-in

12NC	Predecessor 12NC	Product type	EOC	Bulb shape	Input wattage	Replacement	Color temperature
929001869202		CorePro LEDtube UN 1200mm HO 18W830 T8	871869680166600	LEDtube	18	36	3000
929001869302		CorePro LEDtube UN 1200mm HO 18W840 T8	871869680168000	LEDtube	18	36	4000
929001869402		CorePro LEDtube UN 1200mm HO 18W865 T8	871869680170300	LEDtube	18	36	6500
929001869502		CorePro LEDtube UN 1500mm HO 23W830 T8	871869680172700	LEDtube	23	54	3000
929001869602		CorePro LEDtube UN 1500mm HO 23W840 T8	871869680174100	LEDtube	23	54	4000
929001869702		CorePro LEDtube UN 1500mm HO 23W865 T8	871869680176500	LEDtube	23	54	6500



MASTER LEDtube T5 HO Mains



T5 now works directly on Mains!

Philips MASTER LEDtube T5 Mains integrates a LED light source into a traditional fluorescent form factor. Its unique design creates a perfectly uniform visual appearance which cannot be distinguished from traditional fluorescent. The Philips MASTER LEDtube T5 Mains is the ideal solution for customers who have higher light output requirements and want to maximize value over lifetime. Full energy savings & longer lifetime result in attractive payback times and TCO benefits.

PIPO information: New product – Phase-in

Product benefits

- Reduced operational cost thanks to lower energy consumption & long lifetime
- Designed to replace 49W and 54W fluorescent tubes
- No dependency to ballast (direct connection to mains power)
- **Ideal alternative if the existing HF ballast is not compatible with our InstantFit range**

Features

- Replacement of existing T5 HO lamps with direct connection to Mains power
- High performance > 150 lm/W
- Long lifetime 50K hrs
- Glass platform, large beam angle 240D, uniform light spread



3000 / 4000 / 6500 50,000 hours non-dimmable 160 G13 80 CRI



Applications

- The ideal solution for demanding applications with a need for extra energy savings: office, school, retail



MASTER LEDtube T5 HO Mains



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Full energy savings & longer lifetime result in attractive payback times and TCO benefits.

PIPO information: New product – Phase-in

12NC	Predecessor 12NC	Product type	EOC	Bulb shape	Input wattage	Replacement	Color temperature
929001908502		MAS LEDtube 1200mm HO 26W 830 T5	871869681921000	LEDtube	26	54	3000
929001908602		MAS LEDtube 1200mm HO 26W 840 T5	871869681923400	LEDtube	26	54	4000
929001908702		MAS LEDtube 1200mm HO 26W 865 T5	871869681925800	LEDtube	26	54	6500
929001908802		MAS LEDtube 1500mm HO 26W 830 T5	871869681929600	LEDtube	26	49	3000
929001908902		MAS LEDtube 1500mm HO 26W 840 T5	871869681931900	LEDtube	26	49	4000
929001909002		MAS LEDtube 1500mm HO 26W 865 T5	871869681933300	LEDtube	26	49	6500



PILA PLC 13W & 18W 2P replacement



Simple & affordable solution for PLC 13W & PLC 18W replacement
Available B-Brand - PILA brand

LED PLC is the ideal up-lamping solution for downlights in a wide range of general lighting applications. It integrates a LED light source into a traditional fluorescent form factor to offer superb energy savings over a longer lifetime than fluorescent alternatives.

PIPO information: New product – Phase-in

Product benefits

- Reduced operational cost thanks to lower energy consumption than conventional PLC lamps, as well as lower maintenance cost thanks to longer lifetime than conventional lamps
- Simple lamp-for-lamp replacement, re-using the existing fixture without major modifications, using a similar PLC form-factor
- Fastest and easiest way to upgrade existing luminaires to LED technology

Features

- Up to 50% energy consumption compared to fluorescent tubes
- Lasts 15,000 hours
- Innovative 360D platform (polycarbonate)
- Lumen package 806lumen (13W replacement) & 1050 lumen (18W replacement)
- Compatible EM ballast (2 pin)



4000 / 6500



15,000 hours



non-dimmable



360
Plastic



CRI



Applications

LED PLC lamps are the ideal upgrade for downlights in a wide range of applications. These include reception areas, meeting rooms, corridor and hallways in offices, retail stores, hospitality venues and home applications



PILA PLC 13W & 18W 2P replacement



Simple & affordable solution for PLC 13W & PLC 18W replacement
Available B-Brand - PILA brand

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PIPO information: New product – Phase-in

12NC	Predecessor 12NC	Product type	EOC	Bulb shape	Input wattage	Replacement	Color temperature
929001879062		PILA LED PLC 7.5W 840 2P G24d 1CT/10	872790096580300	LEDtube	7.5	13	4000
929001879362		PILA LED PLC 9W 840 2P G24d 1CT/10	872790096582700	LEDtube	9	18	4000



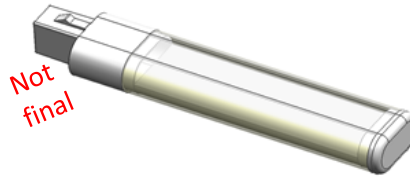
Q3 2018 LEDtubes intro's - overview

MASTER LED tube T8 HO High Efficiency



1200/1500mm
830/840/865
Upgrade to 170lumen/W

CorePro LED PLS 9W/11W rplt 2P (EM)



2P G23
830/840
Replacement of 9W&11W (9W form factor)

CorePro LED PLL 55W rplt 4P (HF)



4P 2G11
830/840



MASTER LEDtube Sensor T8



Unique TLED with integrated motion sensor for automatic dimming & additional energy saving. Fast & easy installation: no need to install extra sensors or wires/cables

The Philips MASTER LEDtube Sensor T8 enhances safety and security, with even more energy savings thanks to an innovative integrated sensing technology. Presence detection, automatic dimming and long-life, low-maintenance LED lights enable you to create more sustainable car park lighting while keeping visitors safe and comfortable.

PIPO information: New product – Phase-in

Product benefits

- Light you need when you need it: additional energy saving beyond regular LED tube functions allowing automatic dimming down
- Fastest and easiest way to upgrade existing luminaire to smart LED technology
- No need to install extra sensors, no need to install extra wires
- High Output lumen package to enhance safety and security
- 100%- safe installation process

Features

- Automatic on/off, or dim up/down according to different application needs
- Integrated motion sensor technology (MicroWave technology)
- Up to 3100 lumen
- Extra-long life of 50,000 hours
- Retrofit to existing T8 lamps on EM ballast installations
- Rotating end caps
- Full safety features and EM Protector safety device



Automatic Dimming



4000 / 6500



50,000 hours



160



rotatable (ROT)



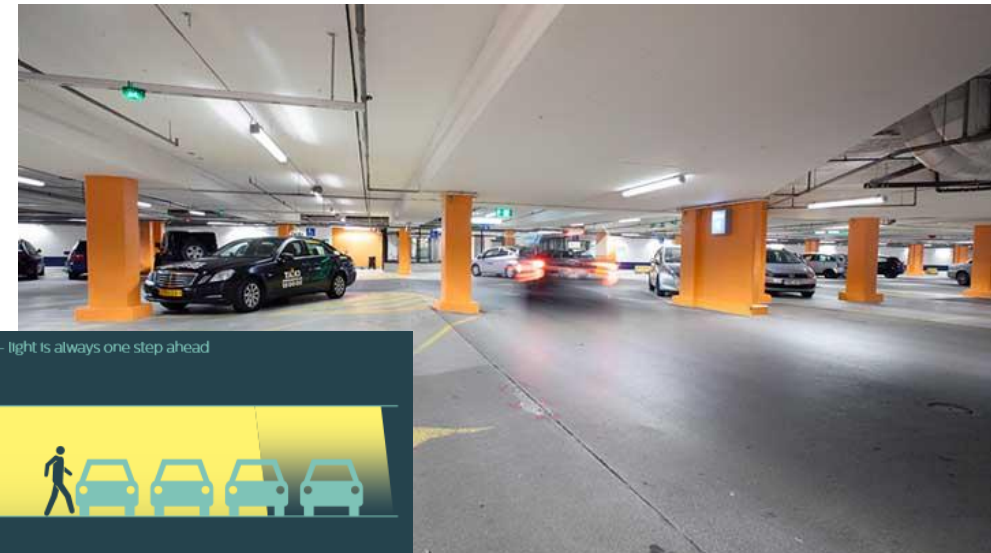
G13



80
CRI

Applications

- Parking lots / covered car parks
- Storage rooms
- Walkways...



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LED lamps



LED Tubes



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LED Tubes Website

<http://www.lighting.philips.com/main/products/led-tube>

The screenshot shows a web browser window displaying the Philips LED Tubes website. The browser's address bar shows the URL www.lighting.philips.com/main/products/led-tube#. The website header includes the Philips logo, navigation links for 'For professionals' and 'For consumers', and a search bar with 'GLOBAL' and a magnifying glass icon. A secondary navigation menu lists 'Products', 'System areas', 'Inspiration', 'Education', 'Support & Contact', and 'About'. A breadcrumb trail reads 'Home > Products > LED tubes'. The main content area features a large blue background with the text 'Loose contact or absolute precision?' in white, and a hand holding a Philips LED tube light. Below this, there are links for 'LED tube categories', 'Cases & tools', 'Contact', and 'Other products'. A vertical 'Contact us' button is on the right. At the bottom, a banner reads 'Real professionals count on Philips LED tube light'. The Windows taskbar at the bottom shows various application icons and system information like 'ENG PLP', '22:47', and '22/05/2018'.



LED Tubes Website

<http://www.lighting.philips.com/main/products/led-tube>



Real professionals count on Philips LED tube light

Easiest way to upgrade to LED tubes light for immediate energy savings

Our portfolio of Philips LED tube lights covers the widest range of applications such as the MASTER LEDtube T8 Ultra Efficiency range for the world's best-in-class lumen performance of up to 172 lm/W and a MASTER LEDtube Universal T8 range that do not need the driver. It also includes new options in the MASTER LEDtube T5 range.

The new generation of CorePro LED tube T8 lights feature a shorter aluminium end cap and improved performance, suitable for the budget applications like garages and storerooms. Our new addition to the range, the high-output Corepro LED tube T8 Universal works with all ballast types for EM, HF and mains power.

 [LED tube brochure](#)



[▶ More video's - T5 LED tube lighting](#)

[▶ More video's - MASTER LEDtube T8 with a sensor lighting](#)



Simple lamp-for-lamp replacement

The first retrofit LED PLC lamp

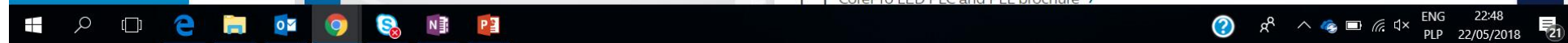
Downsize your downlighting costs with LED PL-C

Philips CorePro LED PLC is the ideal uplampping solution for downlights in a wide range of general lighting applications. It integrates a LED light source into a traditional fluorescent form factor to offer superb energy savings over a lifetime that's twice as long as fluorescent alternatives. So you can upgrade your lighting at the same time as downsizing costs.

 [CorePro LED PLC and PLL brochure](#)

[Contact us](#)

Cookie Preferences



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LED Tubes Website

<http://www.lighting.philips.com/main/products/led-tube>

The screenshot shows a web browser window with the URL www.lighting.philips.com/main/products/led-tube#. The page title is "LED tube categories". The main heading is "LED tube categories". Below this, there is a section for "T5 Mains" with a description: "The new Philips Master LEDtube Mains T5 brings simplicity to your lighting project. You don't need to pay attention to the driver technology anymore. Thanks to a unique design, Philips MASTER LEDtube Mains T5 installs in luminaires operating on mains power connection. So simple to operate! Perfectly safe, reliable & easy to install Philips MASTER LEDtube Mains T5 is the ideal alternative to standard fluorescent tubes to maximize value over lifetime with high energy saving and lower maintenance costs." To the right of the text is an image of a Philips LED tube. Below the text are two buttons: "Download leaflet" and "Go to family page". Below these are eight product cards arranged in two rows of four. The first row contains: "T5 Mains", "CorePro LED tube Universal T8", "MASTER LEDtube InstantFit HF T5", and "MASTER LEDtube Universal T8". The second row contains: "MASTER LEDtube InstantFit HF T8", "CorePro LEDtube InstantFit HF", "CorePro LEDtube EM/Mains T8", and "MasterConnect LEDtube EM/M...". At the bottom left, there is a "Cookie Preferences" button. At the bottom right, there is a vertical "Contact us" button. The Windows taskbar is visible at the bottom, showing the time as 22:49 on 22/05/2018.



LED Tubes Website

<http://www.lighting.philips.com/main/products/led-tube>

LED light tubes - fluoresc x

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www.lighting.philips.com/main/products/led-tube#

Cases and tools

Calculate your energy savings today

Every business is keen to reduce, energy, maintenance and operating costs to meet increasingly tight budgets and challenging environmental targets. Compared to fluorescent TL-D lamps, LED tubes offer significant savings. Our quick comparison tool includes energy consumption, maintenance costs and carbon footprint.

Interested in how much you will save? Click below.

- [TCO tool for T5 tube replacement >](#)
- [TCO tool for T8 tube replacement >](#)
- [TCO tool for PL-C tube replacement >](#)

Cookie Preferences

Contact us >

ENG 22:49
PLP 22/05/2018



LED Tubes Website

<http://www.lighting.philips.com/main/products/led-tube>

The screenshot shows a web browser window with the URL www.lighting.philips.com/main/products/led-tube#. The page features a navigation menu with icons for a shopping cart, a forklift, a truck, and a computer. Below this, there are two main sections: 'Choose the right tube, find the right fit' and 'Ballast compatibility'. The 'Choose the right tube...' section includes a 'Go to selection tool' link. The 'Ballast compatibility' section lists 'Master LEDtube and CorePro LED tube ballast compatibility' and 'CorePro LED PLC and PLL ballast compatibility'. At the bottom, there is a 'LED tube cases' section with three images showing LED tubes in use in a parking garage, a supermarket, and a factory. A 'Contact us' button is visible on the right side of the page.

LED light tubes - fluoresc x

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www.lighting.philips.com/main/products/led-tube#

Choose the right tube, find the right fit

Your customers will have very different lighting requirements. Whether they need the best energy efficiency or the best light output, it's easy to find the right LED tube every time.

[Go to selection tool](#)

Ballast compatibility

Our InstantFit HF tubes fit straight into existing luminaires. They work with the widest range of existing electronic ballasts. The ballast lists are regularly updated.

[Master LEDtube and CorePro LED tube ballast compatibility](#)
[CorePro LED PLC and PLL ballast compatibility](#)

LED tube cases

[Contact us](#)

Cookie Preferences

ENG 22:50
PLP 22/05/2018



LED Tubes Website

<http://www.lighting.philips.com/main/products/led-tube>

The screenshot shows a web browser window with the URL www.lighting.philips.com/main/support/support/tools/ledtube-selectortool. The page features a dark blue header with the Philips logo and navigation links for professionals and consumers. A breadcrumb trail indicates the current location: Home > Support > Product Support > Tools for your Philips Lighting projects > Philips MASTER LEDtubes Selectortool. Below the header, a progress bar shows four steps: Start, Ballast type, Application area, and Light output, with 'Start' being the active step. The main content area asks 'What is your current installation?' and provides instructions to check for T5 or T8 luminaires. Two buttons labeled 'T5' and 'T8' are available for selection. To the right, there are line drawings of T5 and T8 LED tube fixtures with their respective icons. A 'Contact us' button is visible in the bottom right corner. The Windows taskbar at the bottom shows the system tray with the date 22/05/2018 and time 22:53.



LED Tubes Website

<http://www.lighting.philips.com/main/products/led-tube>

Philips MASTER LEDtube x

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www.lighting.philips.com/main/support/support/tools/ledtube-selectortool

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PHILIPS

Support

For professionals For consumers

GLOBAL

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Home Support Product Support Tools for your Philips Lighting projects Philips MASTER LEDtubes Selectortool

Start **Ballast type** Application area Light output

2/5

Does your luminaire have a starter?

Making the switch to MASTER LEDtubes is simple. First check if your luminaire has a starter. This illustration shows its typical location in an open or closed luminaire.

Yes No

Contact us



LED Tubes Website

<http://www.lighting.philips.com/main/products/led-tube>


Philips MASTER LEDtube x

www.lighting.philips.com/main/support/support/tools/ledtube-selectortool

Start **Ballast type** Application area Light output


2/5


Yes, the luminaire works on EM ballast


 EM

- The luminaire works on Electro Magnetic ballast (EM)
- Simply replace the old starter with Philips LED starter (included in the packaging)
- Click NEXT for selecting the right LEDtube

Next



 Watch the EM installation video

 MASTER LEDtube Starter EMP (specifications)

Windows taskbar: Search, File Explorer, Microsoft Edge, Google Chrome, Skype, Word, PowerPoint, System tray: Network, Volume, Date/Time: 22:55, 22/05/2018


Philips MASTER LEDtube x

www.lighting.philips.com/main/support/support/tools/ledtube-selectortool

Start **Ballast type** Application area Light output

2/5

No, the luminaire works on HF ballast


 HF

- The luminaire works on High Frequency electronic ballast (HF)
- Choose MASTER LEDtube InstantFit
- No need to change drivers or rewire
- It's a plug and play solution that works straight out of the box
- Quick and easy installation


Check if your ballast is compatible with MASTER LEDtube InstantFit >

Next

If your ballast is not compatible with InstantFit or you want to connect direct to mains, then cut the wires, remove the ballast and connect to mains (100-240 V). Use the MASTER LEDtube with one ring on the cap.



Choose MASTER LEDtube >

 Watch the HF installation video

Windows taskbar: Search, File Explorer, Microsoft Edge, Google Chrome, Skype, Word, PowerPoint, System tray: Network, Volume, Date/Time: 22:55, 22/05/2018

Contact us >



LED Tubes Website

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www.lighting.philips.com/main/support/support/tools/ledtube-selectortool

Start Ballast type Application area Light output

3/5

Choose your application area

Your lighting requirements will vary enormously, depending on where and when it will be used. We've made it easy to find the right LEDtube every time. Start by selecting your application area.

EM

Car Park

Industry

Supermarket / DIY

Office

Contact us

ENG PLP 22:55 22/05/2018



LED Tubes Website

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Philips MASTER LEDtube x

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www.lighting.philips.com/main/support/support/tools/ledtube-selectortool


Start Ballast type **Application area** Light output

4/5

EM

Industry

- Burning hours: varies, max. 24/7
- Need for energy reduction and reducing maintenance costs: avoiding production loss due to up-lamping activities
- Withstand cold temperatures, vibrations
- Light requirement: 200-500+ lux



Choose High Output LEDtubes for the best energy efficiency

Choose Ultra Output LEDtubes for high light output with the best lm/w

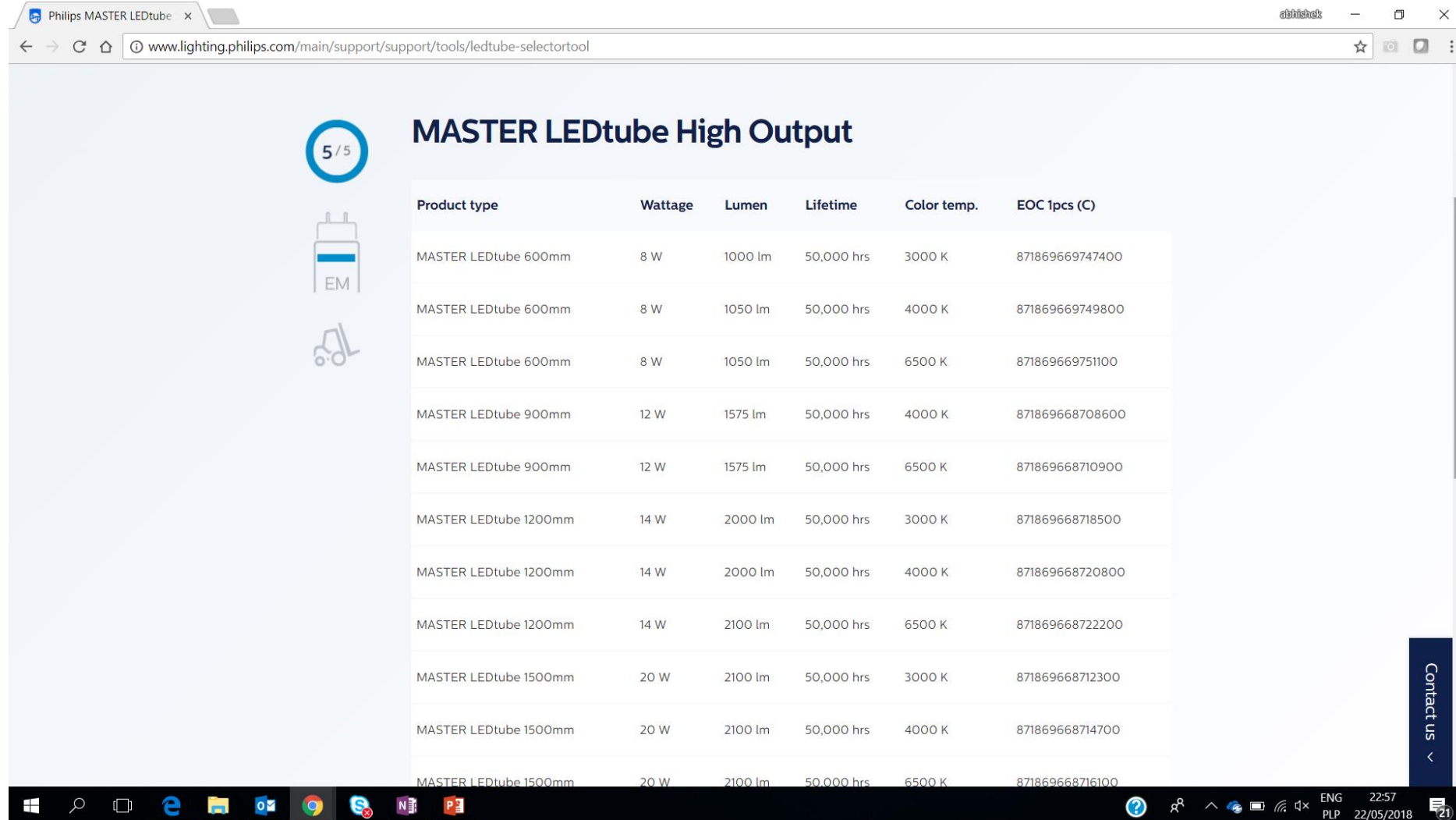
Contact us

ENG 22:56
PLP 22/05/2018



LED Tubes Website

<http://www.lighting.philips.com/main/products/led-tube>



The screenshot shows a web browser window displaying the Philips MASTER LEDtube High Output product selection tool. The page features a navigation sidebar on the left with a '5/5' indicator, an 'EM' icon, and a forklift icon. The main content area is titled 'MASTER LEDtube High Output' and contains a table with the following columns: Product type, Wattage, Lumen, Lifetime, Color temp., and EOC 1pcs (C). The table lists 12 different LED tube models with their respective specifications. A 'Contact us' button is visible in the bottom right corner of the page content.

Product type	Wattage	Lumen	Lifetime	Color temp.	EOC 1pcs (C)
MASTER LEDtube 600mm	8 W	1000 lm	50,000 hrs	3000 K	871869669747400
MASTER LEDtube 600mm	8 W	1050 lm	50,000 hrs	4000 K	871869669749800
MASTER LEDtube 600mm	8 W	1050 lm	50,000 hrs	6500 K	871869669751100
MASTER LEDtube 900mm	12 W	1575 lm	50,000 hrs	4000 K	871869668708600
MASTER LEDtube 900mm	12 W	1575 lm	50,000 hrs	6500 K	871869668710900
MASTER LEDtube 1200mm	14 W	2000 lm	50,000 hrs	3000 K	871869668718500
MASTER LEDtube 1200mm	14 W	2000 lm	50,000 hrs	4000 K	871869668720800
MASTER LEDtube 1200mm	14 W	2100 lm	50,000 hrs	6500 K	871869668722200
MASTER LEDtube 1500mm	20 W	2100 lm	50,000 hrs	3000 K	871869668712300
MASTER LEDtube 1500mm	20 W	2100 lm	50,000 hrs	4000 K	871869668714700
MASTER LEDtube 1500mm	20 W	2100 lm	50,000 hrs	6500 K	871869668716100



