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Lighten your carbon footprint and drive energy savings

With UltraEfficient LED lighting

a lighting brand of signify





philips.com/ultraefficientprof

1) See next slide

Step into a brighter, more sustainable future

Reducing energy consumption and minimizing carbon footprint are top priorities for society today. Did you know that lighting alone can account for approximately 15% of global electricity consumption?[2]

Switch and save with UltraEfficient lighting

While LED lighting offers a significant improvement in energy consumption over conventional lighting, there are still big differences across LED products. Our UltraEfficient range is specifically designed to help you save energy and reduce CO_2 emission, without compromising on light quality. With our innovative technology, you can immediately achieve energy savings from 5% to 75% compared to standard LED or conventional alternatives[3]. Plus, our products significantly reduce CO_2 emission throughout their entire lifecycle. Detailed information can be found in the Environmental Product Declarations on our website.[4]

Choosing UltraEfficient LED lighting is a smart decision for you and a responsible choice for the planet.



1) This icon has been developed by Signify and is used as a self-certification for the Philips UltraEfficient lamps and luminaires meeting the standards of EU Energy Label A or B (lamps) and tier 3 IEA 4E SSL ANNEX (luminaires).
2) Cities' road to 2050: Lighting the way to sustainable growth
3) This range covers all products in this brochure; details can be found in specific product information.
4) You will find the EPD in the relevant product family page under "Downloads".

Discover our ultra-efficient product heroes

Indoor

CoreLine trunking


LuxSpace


LuxSpace Accent


GreenSpace Accent gen2


StyliD Evo


GreenSpace Evo


GreenSpace Evo mini


CoreLine panel

PowerBalance

TrueBlend


GentleSpace G4


CoreLine highbay gen6


Maxos fusion


StoreSet Evo


StoreSet linear

Coming soon:


Pacific LED gen5

Outdoor


AluRoad


UniStreet/LumiStreet


Luma

Lamps


LED bulb


LED tubes


LED spot GU10


LED SON-T

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Indoor luminaires

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StoreSet Evo UltraEfficient

Our Ultra Efficient Light

Saves 29% in energy consumption compared to standard LED[1]

Reduces CO_2 emission by 247 kg over the product lifetime compared to standard LED[2]

The annual energy savings compared to standard LED can charge 41 smartphones for a whole year[3]





173-193 lm/W efficiency

Easy maintenance with fast and toolless driver access

Lighting for circularity (EPD available)

Slim and contemporary design blends seamlessly into store interiors

Wide range of OptiSuit optics to meet various applications

Provides uniform lighting distribution while saving energy

1) Philips StoreSet Evo SM515T 80S/840 DIA-VLC WB-OC BK UE compared to Philips StoreSet Evo SM515T 80S/840 DIA-VLC WB-OC BK. The lights are on for an average of 12 hours per day, 365 days of the year (4,400 hours annually). The average energy cost is 0.252 €/kWh according to the latest Eurostat report, and it is calculated for the non-household consumers in Europe, valid in H12023, based on 27 countries, all taxes and levies included. The data presented is an illustrative forecast based on a proprietary model developed by Signify to help customers understand the impact of lighting on the environment. Signify's „Green Switch conventional light point conversion model" uses input from numerous sources, references, and data points (available upon request) to generate a simulated view of a given market's energy consumption, but the accuracy of which cannot be verified. The thousand separator is a comma (,) and the decimal separator is a period (.).
2) Based on the emission factor of 0.3 kg/kWh, Europe average. Greenhouse gases emitted per unit of generated electricity, measured in grams of CO_2 equivalents per kilowatt-hour as of 2023 based on Our World in Data.
3) Charging a phone once a day will use about 0.15 kWh of electricity per month and 1.83 kWh of electricity per year. Click here for more details.

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StoreSet linear UltraEfficient

Our Ultra Efficient Light

Saves 15% in energy consumption compared to standard LED[1]

Reduces CO_2 emission by 87 kg over the product lifetime compared to standard LED[2]

The annual energy savings compared to standard LED can charge 14 smartphones for a whole year[3]





173-183 lm/W efficiency

Lighting for circularity (EPD available)

Easy maintenance with fast and toolless access to driver

Slim, unobtrusive, linear design

Reuse of existing track systems saves both time and money for easy installation and refurbishing

Excellent light quality with high efficiency, wide range of optics, and in color temperatures 840 and 835

1) Philips compared to Philips StoreSet linear SM504T 66S/840 PSU WB UE compared to Philips StoreSet linear SM504T 66S/840 PSU WB. The lights are on for an average of 12 hours per day, 365 days of the year (4,440 hours annually). The average energy cost is 0.252 €/kWh according to the latest Eurostat report, and it is calculated for the non-household consumers in Europe, valid in H12023, based on 27 countries, all taxes and levies included. The data presented is an illustrative forecast based on a proprietary model developed by Signify to help customers understand the impact of lighting on the environment. Signify's „Green Switch conventional light point conversion model" uses input from numerous sources, references, and data points (available upon request) to generate a simulated view of a given market's energy consumption, but the accuracy of which cannot be verified. The thousand separator is a comma (,) and the decimal separator is a period (.).
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3) Charging a phone once a day will use about 0.15 kWh of electricity per month and 1.83 kWh of electricity per year. Click here for more details.

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Maxos fusion UltraEfficient

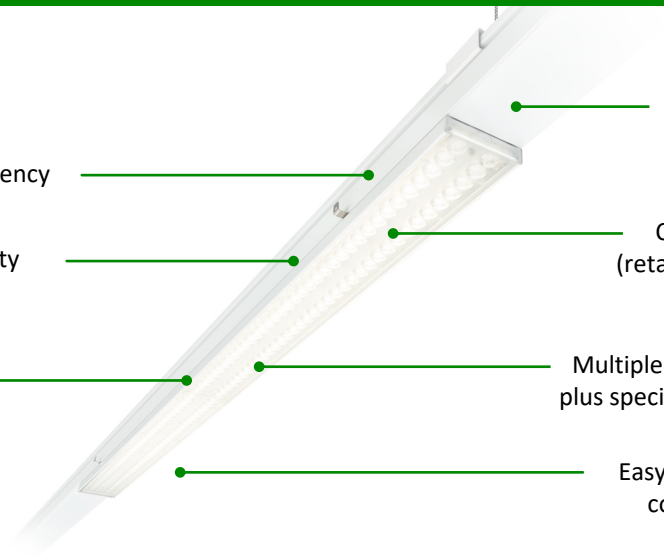
Our Ultra Efficient Light

Saves 15% in energy consumption compared to standard LED[1]

Reduces CO_2 emission by 319 kg over the product lifetime compared to standard LED[2]

The annual energy savings compared to standard LED can charge 35 smartphones for a whole year[3]


Philips UltraEfficient LED lighting



190-202 lm/W efficiency

Lighting for circularity (EPD available)

Flexible, future-proof trunk, easy to upgrade, add and change

Up to 13 wires for multiple electrical circuit options, including emergency lighting

Covers extensive applications (retail supermarkets, distribution centers, warehouses, e. g.)

Multiple flux/beam and color choices plus specially-designed OptiSuit lenses

Easy to integrate into an Interact connected lighting installation

1) Philips StoreSet Evo SM515T 80S/840 DIA-VLC WB-OC BK UE compared to Philips StoreSet Evo SM515T 80S/840 DIA-VLC WB-OC BK. The lights are on for an average of 12 hours per day, 365 days of the year (4,400 hours annually). The average energy cost is 0.252 €/kWh according to the latest Eurostat report, and it is calculated for the non-household consumers in Europe, valid in H12023, based on 27 countries, all taxes and levies included. The data presented is an illustrative forecast based on a proprietary model developed by Signify to help customers understand the impact of lighting on the environment. Signify's „Green Switch conventional light point conversion model" uses input from numerous sources, references, and data points (available upon request) to generate a simulated view of a given market's energy consumption, but the accuracy of which cannot be verified. The thousand separator is a comma (,) and the decimal separator is a period (.).
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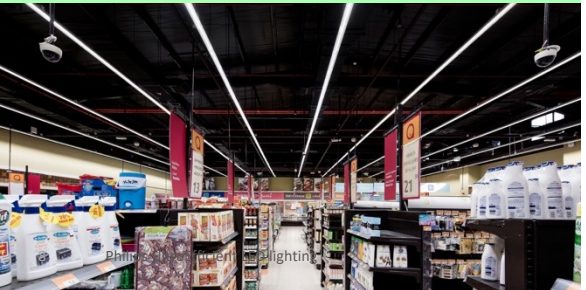
CoreLine trunking UltraEfficient

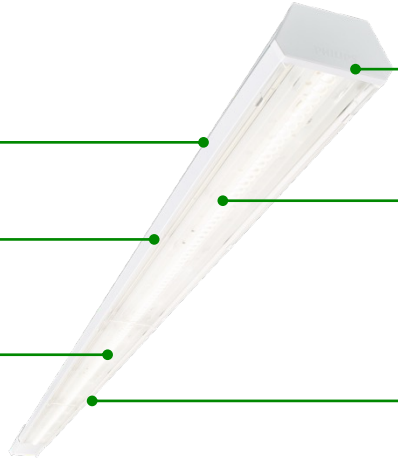
Our Ultra Efficient Light

Saves 21% in energy consumption compared to standard LED[1]

Reduces CO_2 emission by 508 kg over the product lifetime compared to standard LED[2]

The annual energy savings compared to standard LED can charge 55 smartphones for a whole year[3]





186-200 lm/W efficiency

Color-consistent, uniform lighting

Easy to integrate into an Interact connected lighting installation

Covers a wide range of applications

Single layer, pre-assembled trunking solution (only two unique components needed to build a light line)

Available with integrated, decentralized emergency lighting

1) Philips CoreLine trunking UE LL234X 160S/840 1x PSD WB 7x1.5 compared to Philips CoreLine trunking LL234X 160S/840 1x PSD WB 7x1.5.
2) Based on the emission factor of 0.3 kg/kWh, Europe average. Greenhouse gases emitted per unit of generated electricity, measured in grams of CO_2 equivalents per kilowatt-hour as of 2023 based on Our World in Data.
3) Charging a phone once a day will use about 0.15 kWh of electricity per month and 1.83 kWh of electricity per year. Click here for more details.

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LuxSpace compact recessed, surface-mounted and suspended UltraEfficient

Our Ultra Efficient Light

Saves 24% in energy consumption compared to previous generation of this family[1]

Reduces CO_2 emission by 58 kg over the product lifetime compared to standard LED[2]

The annual energy savings compared to standard LED can charge 9 smartphones for a whole year[3]



170-187 lm/W efficiency

Lighting for circularity (EPD available)

Easy to service and upgrade



Minimalist design with slimmer rim and multiple design choices

Excellent light quality with reduced perceived glare



Surface -mounted



Suspended

1) Philips LuxSpace UE DN610B 20S/840 PSU-E C compared to Philips LuxSpace DN571B LED20S/840 PSU-E C.
2) Based on the emission factor of 0.3 kg/kWh, Europe average. Greenhouse gases emitted per unit of generated electricity, measured in grams of CO_2 equivalents per kilowatt-hour as of 2023 based on Our World in Data.
3) Charging a phone once a day will use about 0.15 kWh of electricity per month and 1.83 kWh of electricity per year. Click here for more details.

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LuxSpace Accent UltraEfficient

Our Ultra Efficient Light

Saves 18% in energy consumption compared to standard LED[1]

Reduces CO_2 emission by 51 kg over the product lifetime compared to standard LED[2]

The annual energy savings compared to standard LED can charge 8 smartphones for a whole year[3]



140-154 lm/W efficiency

Lighting for circularity (EPD available)



Wide range of applications thanks to multiple beam options and luminous flux of up to 3,900 lm

Featuring PerfectAccent optical platform for excellent shopper eye comfort

Extended service life due to simple repair

1) Philips LuxSpace Accent UE RS781B 39S/PW930 UE PSU-E HWB WH compared to Philips LuxSpace Accent RS781B 39S/PW930 PSU-E HWB WH.
2) Based on the emission factor of 0.3 kg/kWh, Europe average. Greenhouse gases emitted per unit of generated electricity, measured in grams of CO_2 equivalents per kilowatt-hour as of 2023 based on Our World in Data.
3) Charging a phone once a day will use about 0.15 kWh of electricity per month and 1.83 kWh of electricity per year. Click here for more details.

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GreenSpace Accent Gen 2 UltraEfficient

Our Ultra Efficient Light

Saves 18% in energy consumption compared to standard LED[1]

Reduces CO_2 emission by 65 kg over the product lifetime compared to standard LED[2]

The annual energy savings compared to standard LED can charge 10 smartphones for a whole year[3]



140-154 lm/W efficiency

Lighting for circularity (EPD available)

The neutral clean product design helps blend in with the ceiling



More sparkle and enhanced shopper eye comfort with PerfectAccent optics

Extend the useful life of the product with easy maintenance and upgrades

Easy aiming of the light

1) Philips GreenSpace Accent UE RS781B 39S/PW930 UE PSU-E HWB WH compared to Philips GreenSpace Accent RS781B 39S/PW930 PSU-E HWB WH.
2) Based on the emission factor of 0.3 kg/kWh, Europe average. Greenhouse gases emitted per unit of generated electricity, measured in grams of CO_2 equivalents per kilowatt-hour as of 2023 based on Our World in Data.
3) Charging a phone once a day will use about 0.15 kWh of electricity per month and 1.83 kWh of electricity per year. Click here for more details.

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StyliD Evo UltraEfficient

Our Ultra Efficient Light

Saves 20% in energy consumption compared to standard LED[1]

Reduces CO_2 emission by 65 kg over the product lifetime compared to standard LED[2]

The annual energy savings compared to standard LED can charge 10 smartphones for a whole year[3]


Philips UltraEfficient LED lighting

144-159 lm/W efficiency

Lighting for circularity (EPD available)

Extended service life due to simple repair



Wide range of applications thanks to multiple beam options and luminous flux up to 3,900 lm

Featuring PerfectAccent optical platform for excellent shopper eye comfort

1) Philips StyliD Evo UE ST770T 39S/PW930 PSU MB FG BK compared to Philips Stylid Evo ST770T 39S/PW930 UE PSU MB FG BK.
2) Based on the emission factor of 0.3 kg/kWh, Europe average. Greenhouse gases emitted per unit of generated electricity, measured in grams of CO_2 equivalents per kilowatt-hour as of 2023 based on Our World in Data.
3) Charging a phone once a day will use about 0.15 kWh of electricity per month and 1.83 kWh of electricity per year. Click here for more details.

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GreenSpace Evo UltraEfficient

Our Ultra Efficient Light

Saves 26% in energy consumption compared to standard LED[1]

Reduces CO_2 emission by 62 kg over the product lifetime compared to standard LED[2]

The annual energy savings compared to standard LED can charge 10 smartphones for a whole year[3]



144-159 lm/W efficiency

Lighting for circularity (EPD available)

Extended service life due to simple repair



Wide range of applications thanks to multiple beam options and luminous flux up to 3,900 lm

Featuring PerfectAccent optical platform for excellent shopper eye comfort

1) Philips GreenSpace Evo UE ST333T 27S PW930 PSU WB compared to Philips GreenSpace Evo ST333T 27S PW930 UE PSU WB.
2) Based on the emission factor of 0.3 kg/kWh, Europe average. Greenhouse gases emitted per unit of generated electricity, measured in grams of CO_2 equivalents per kilowatt-hour as of 2023 based on Our World in Data.
3) Charging a phone once a day will use about 0.15 kWh of electricity per month and 1.83 kWh of electricity per year. Click here for more details.

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GreenSpace Evo mini UltraEfficient

Our Ultra Efficient Light

Saves 26% in energy consumption compared to standard LED[1]

Reduces CO_2 emission by 62 kg over the product lifetime compared to standard LED[2]

The annual energy savings compared to standard LED can charge 10 smartphones for a whole year[3]





140-146 lm/W efficiency

Lighting for circularity (EPD available)

Recycled materials and high energy efficiency help further reduce the carbon footprint of the product

The sleek and subtle design fits perfectly in any installation

Extend the useful life of the product with easy serviceability and upgradeability

More sparkle and enhanced shopper eye comfort with PerfectAccent deep reflectors

1) Philips GreenSpace projector UE ST332T 27S PW930 PSU WB compared to Philips GreenSpace projector ST332T 27S PW930 UE PSU WB.
2) Based on the emission factor of 0.3 kg/kWh, Europe average. Greenhouse gases emitted per unit of generated electricity, measured in grams of CO_2 equivalents per kilowatt-hour as of 2023 based on Our World in Data.
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CoreLine panel UltraEfficient

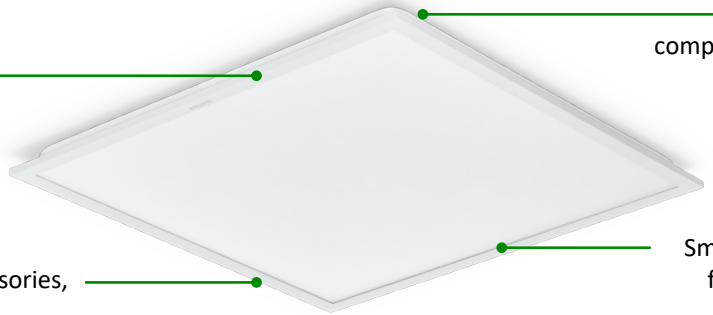
Our Ultra Efficient Light

Saves 69% in energy consumption compared to fluorescent tubes[1]

Reduces CO_2 emission by 1,653 kg over the product lifetime compared to four fluorescent tubes[2]

The annual energy savings compared to four fluorescent tubes can charge 79 smart-phones for a whole year[3]





1) Philips CoreLine panel UE RC132V G6 36S/UE840 PSU W60L60 OC compared to four Philips MASTER TL-D 1500mm 72W (operating on electro-magnectic ballast with 14W ballast loss; banned since 2023). The lights are on for an average of 10 hours per day, 255 days of the year (2,550 hours annually).
2) Based on the emission factor of 0.3 kg/kWh, Europe average. Greenhouse gases emitted per unit of generated electricity, measured in grams of CO_2 equivalents per kilowatt-hour as of 2023 based on Our World in Data.
3) Charging a phone once a day will use about 0.15 kWh of electricity per month and 1.83 kWh of electricity per year. Click here for more details.

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PowerBalance UltraEfficient

Our Ultra Efficient Light

Saves 24% in energy consumption compared to standard LED[1]

Reduces CO_2 emission by 81 kg over the product lifetime compared to standard LED[2]

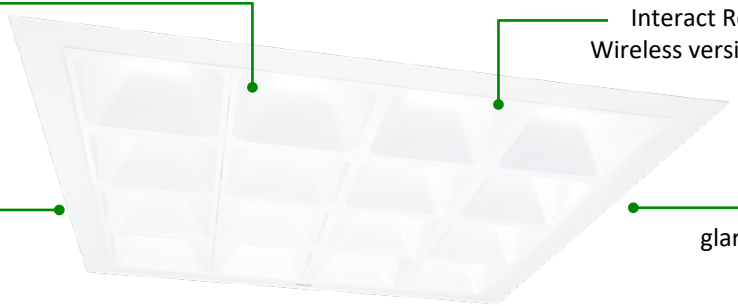
The annual energy savings compared to standard LED can charge 7 smartphones for a whole year[3]



Philips UltraEfficient LED light

172-174 lm/W efficiency

Interact Ready connectivity: Wireless version and integrated sensor version



Iconic product design

Lower UGR for glare control (UGR16)

Product sizes: 600 × 600 mm, 300 × 1200 mm

1) Philips PowerBalance G4 UE RC461B 40S/UE840 DEIA W60L60 VPC compared to Philips PowerBalance G4 RC461B 34S/940 PSD W60L60 VPC.
2) Based on the emission factor of 0.3 kg/kWh, Europe average. Greenhouse gases emitted per unit of generated electricity, measured in grams of CO_2 equivalents per kilowatt-hour as of 2023 based on Our World in Data.
3) Charging a phone once a day will use about 0.15 kWh of electricity per month and 1.83 kWh of electricity per year. Click here for more details.

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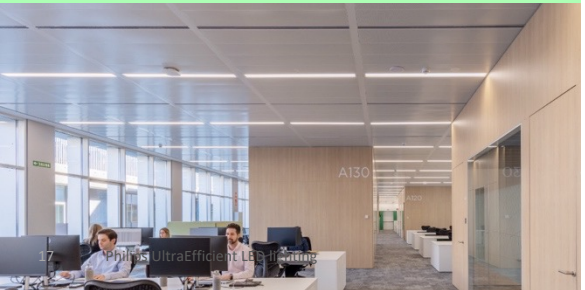
TrueBlend UltraEfficient

Our Ultra Efficient Light

Saves 12% in energy consumption compared to standard LED[1]

Reduces CO_2 emission by 49 kg over the product lifetime compared to standard LED[2]

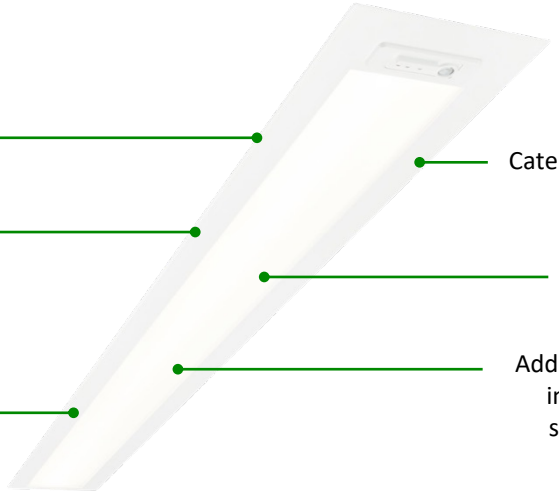
The annual energy savings compared to standard LED can charge 4 smartphones for a whole year[3]



172-185 lm/W efficiency

Designed to support a circular economy, sustainability goals and employee well-being

Ready to connect (Interact Ready Systems)



Catering to wide variety in ceilings and dimensions

A choice of different optics

Additional options in air handling, integrated emergency lighting, sensor integration, connectors and housing colors

1) Philips TrueBlend UE RC453B 40S/UE840 DLO L1200 W300 B30 compared to Philips TrueBlend RC453B 40S/840 DLO L1200 W300 B30.
2) Based on the emission factor of 0.3 kg/kWh, Europe average. Greenhouse gases emitted per unit of generated electricity, measured in grams of CO_2 equivalents per kilowatt-hour as of 2023 based on Our World in Data.
3) Charging a phone once a day will use about 0.15 kWh of electricity per month and 1.83 kWh of electricity per year. Click here for more details.

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GentleSpace G4 UltraEfficient

Our Ultra Efficient Light

Saves 10% in energy consumption compared to standard LED[1]

Reduces CO_2 emission by 331 kg over the product lifetime compared to standard LED[2]

The annual energy savings compared to standard LED can charge 54 smartphones for a whole year[3]


Philips UltraEfficient LED light



186-189 lm/W efficiency

Wide variety of optics

Interact Ready connectivity for smart lighting

Meets lighting for circularity criteria (EPD available)

Withstands the harshest conditions and environments

High-quality lighting for any application

Excellent light uniformity and low glare

1) Philips GentleSpace UE BY581P 250S/840 UE PSU WB GC SI compared to Philips GentleSpace BY581P 250S/840 PSU WB GC SI.
2) Based on the emission factor of 0.3 kg/kWh, Europe average. Greenhouse gases emitted per unit of generated electricity, measured in grams of CO_2 equivalents per kilowatt-hour as of 2023 based on Our World in Data.
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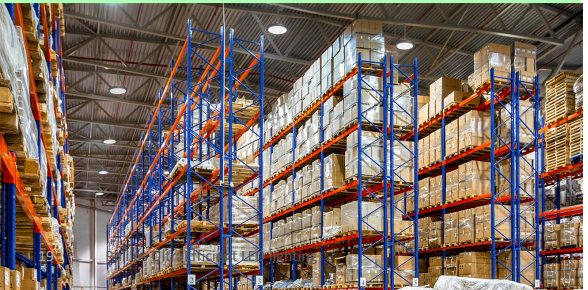
CoreLine highbay gen6 UltraEfficient

Our Ultra Efficient Light

Saves 17% in energy consumption compared to the previous generation[1]

Reduces CO_2 emission by 623 kg over the product lifetime compared to the previous generation[2]

The annual energy savings compared to the previous generation can charge 69 smart-phones for a whole year[3]





190-196 lm/W efficiency

Covers a wide range of applications

Appealing sustainable design

High durability and reliability

High-quality light for visual comfort

1) 1) Philips CoreLine highbay BY120P G6 LED200/UE840 PSU WB compared to Philips CoreLine highbay BY121P G5 LED 200S/840 PSU WB.
2) Based on the emission factor of 0.3 kg/kWh, Europe average. Greenhouse gases emitted per unit of generated electricity, measured in grams of CO_2 equivalents per kilowatt-hour as of 2023 based on Our World in Data.
3) Charging a phone once a day will use about 0.15 kWh of electricity per month and 1.83 kWh of electricity per year. Click here for more details.

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Outdoor luminaires

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AluRoad UltraEfficient

Our Ultra Efficient Light

Saves 65% in energy consumption compared to standard LED[1]

Reduces CO_2 emission by 3,630 kg over the product lifetime compared to standard LED[2]

The annual energy savings compared to standard LED can charge 808 smartphones for a whole year[3]


Philips UltraEfficient LED lighting



172 lm/W efficiency (selected configurations)

Lighting for circularity (based on recycled materials, see EPD for details)

Easy to integrate into an Interact connected lighting installation

White light with CRI>70

1) Philips AluRoad UE BGP 026 LED 113 740 59W compared to Philips AluRoad SRP222 SON-T 169W for equivalent system flux.
2) Based on the emission factor of 0.3 kg/kWh, Europe average. Greenhouse gases emitted per unit of generated electricity, measured in grams of CO_2 equivalents per kilowatt-hour as of 2023 based on Our World in Data.
3) Charging a phone once a day will use about 0.15 kWh of electricity per month and 1.83 kWh of electricity per year. Click here for more details.

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UniStreet/LumiStreet UltraEfficient

Our Ultra Efficient Light

Saves 5% in energy consumption compared to standard LED[1]

Reduces CO_2 emission by 255 kg over the product lifetime compared to standard LED[2]

The annual energy savings compared to standard LED can charge 62 smartphones for a whole year[3]





1) Philips UniStreet/LumiStreet UE BGP 283 LED 95 740 L98 45.5W compared to Philips BGS 204 LED 95 740 L93 54W for equivalent system flux.
2) Based on the emission factor of 0.3 kg/kWh, Europe average. Greenhouse gases emitted per unit of generated electricity, measured in grams of CO_2 equivalents per kilowatt-hour as of 2023 based on Our World in Data.
3) Charging a phone once a day will use about 0.15 kWh of electricity per month and 1.83 kWh of electricity per year. Click here for more details.

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Luma UltraEfficient

Our Ultra Efficient Light

Saves 6% in energy consumption compared to standard LED[1]

Reduces CO_2 emission by 315 kg over the product lifetime compared to standard LED[2]

The annual energy savings compared to standard LED can charge 77 smartphones for a whole year[3]



203 lm/W efficiency (selected configurations)

Lighting for circularity (based on recycled materials, see EPD for details)



Die-casting material from >85% recycled aluminum

More flux in smaller product size for lower investment and better TCO

Sustainable, post-industrial plastic material used in gear-flex

1) Philips Luma UE BGP 704 LED 95 740 L98 45.5W compared to Philips BGP623 Luma gen1 LED 95 740 56W for equivalent system flux.
2) Based on the emission factor of 0.3 kg/kWh, Europe average. Greenhouse gases emitted per unit of generated electricity, measured in grams of CO_2 equivalents per kilowatt-hour as of 2023 based on Our World in Data.
3) Charging a phone once a day will use about 0.15 kWh of electricity per month and 1.83 kWh of electricity per year. Click here for more details.

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LED Lamps

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MASTER LEDbulb UltraEfficient

Our Ultra Efficient Light

Saves 50% in energy consumption compared to standard LED[1]

Reduces CO_2 emission by 3310 kg over the product lifetime compared to standard LED[2]

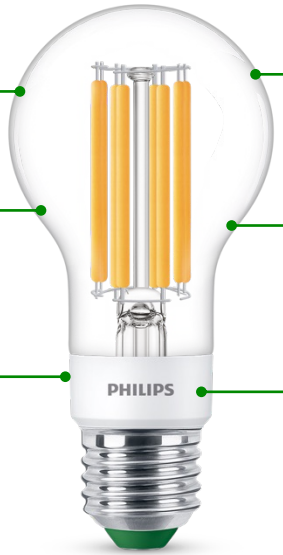
The annual energy savings compared to standard LED can charge 9 smartphones for a whole year[3]



210 lm/W efficiency

Filament orientation designed for most efficient light output

Optimized filament position for better thermal control



No flicker, reduced glare, CRI 80

Optimization of driver architecture and component design to improve efficiency

More compact size to fit into E-cap

1) Philips MASTER LEDbulb UE 4W A60 compared to Philips CorePro LEDbulb 8W A60 (referred to as standard LED bulb).
2) Based on the emission factor of 0.3 kg/kWh, Europe average. Greenhouse gases emitted per unit of generated electricity, measured in grams of CO_2 equivalents per kilowatt-hour as of 2023 based on Our World in Data.
3) Charging a phone once a day will use about 0.15 kWh of electricity per month and 1.83 kWh of electricity per year. Click here for more details.

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MASTER LEDtube UltraEfficient

Our Ultra Efficient Light

Saves 75% in energy consumption compared to fluorescent tubes[1]

Reduces CO_2 emission by 1632 kg over the product lifetime compared to fluorescent tubes[2]

The annual energy savings compared to fluorescent tubes can charge 24 laptops for a whole year[3]



210 lm/W ultra efficiency

Plastic design makes it truly shatterproof according to IEC 61549 standards



Rotatable end cap that gives light where needed

1) Fluorescent tube calculations are based on Philips MASTER LEDtube UE EELA 1500mm 17.6W (operating on direct mains) compared to Philips MASTER TL-D 1500mm 58W (operating on electro-magnetic ballast with 14W ballast loss; banned since 2023).
2) Based on the emission factor of 0.3 kg/kWh, Europe average. Greenhouse gases emitted per unit of generated electricity, measured in grams of CO_2 equivalents per kilowatt-hour as of 2023 based on Our World in Data.
3) Under typical daily usage, laptops use 0.055 kWh per day and 20.24 kWh per year, on average. Click here for more details.

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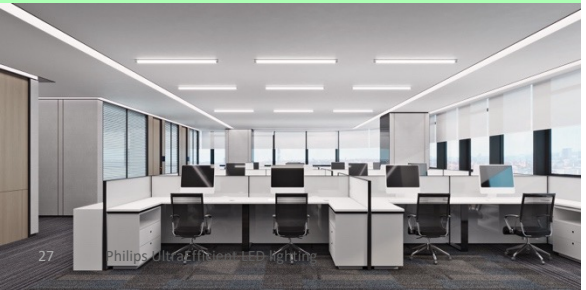
MASTER Value LEDtube UltraEfficient

Our Ultra Efficient Light

Saves 69% in energy consumption compared to fluorescent tubes[1]

Reduces CO_2 emission by 1122 kg over the product lifetime compared to fluorescent tubes[2]

The annual energy savings compared to fluorescent tubes can charge 22 laptops for a whole year[3]



185 lm/W energy efficiency

High lumen output of as much as 4,100 lm ensures bright light in various applications



Glass platform with 190° beam angle to ensure light uniformity

1) Fluorescent tube calculations are based on Philips MASTER Value LEDtube UE 1500mm 22.1W (operating on direct mains) compared to Philips MASTER TL-D 1500mm 58W (operating on electro-magnetic ballast with 14W ballast loss; banned since 2023).
2) Based on the emission factor of 0.3 kg/kWh, Europe average. Greenhouse gases emitted per unit of generated electricity, measured in grams of CO_2 equivalents per kilowatt-hour as of 2023 based on Our World in Data.
3) Under typical daily usage, laptops use 0.055 kWh per day and 20.24 kWh per year, on average. Click here for more details.

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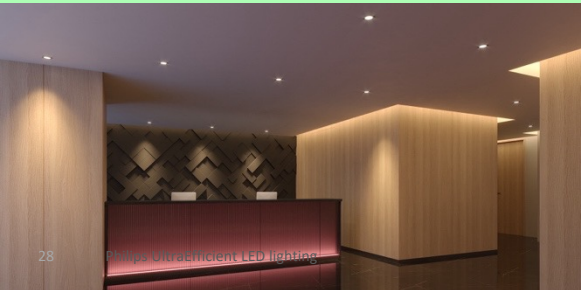
MASTER LEDspot UltraEfficient GU10

Our Ultra Efficient Light

Saves 50% in energy consumption compared to standard LED[1]

Reduces CO_2 emission by 3750 kg over the product lifetime compared to standard LED[2]

The annual energy savings compared to standard LED can charge 5 smartphones for a whole year[3]



Special LED design with compact size fit for small size spot lights

Excellent thermal management system for very long lifetime of 50,000 hours

Best LED system integration design to enable highest driver and optical efficiency



Special lens design to optimize light output efficiency

High efficiency phosphor

Revolutionary driver design boosts energy efficiency, dramatically reducing power consumption

1) Philips MASTER LEDspot UE 50W EELA compared to Philips LEDspot GU10 50W (referred to as standard LED spot).
2) Based on the emission factor of 0.3 kg/kWh, Europe average. Greenhouse gases emitted per unit of generated electricity, measured in grams of CO_2 equivalents per kilowatt-hour as of 2023 based on Our World in Data.
3) Charging a phone once a day will use about 0.15 kWh of electricity per month and 1.83 kWh of electricity per year. Click here for more details.

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MASTER LED SON-T UltraEfficient

Our Ultra Efficient Light

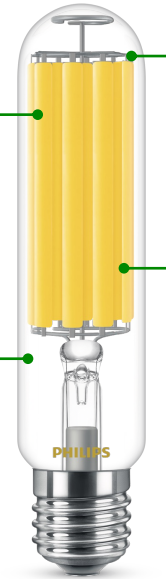
Saves 65% in energy consumption compared to conventional HID[1]

Reduces CO_2 emission by 1043 kg over the product lifetime compared to conventional HID[2]

The annual energy savings compared to a conventional HID can power an e-bike for 3,556 kilometers[3]



Philips UltraEfficient LED lighting



Impressive output: Maximum performance meets ultra-efficiency

As much as 9,000 lm output thanks to mega-filament

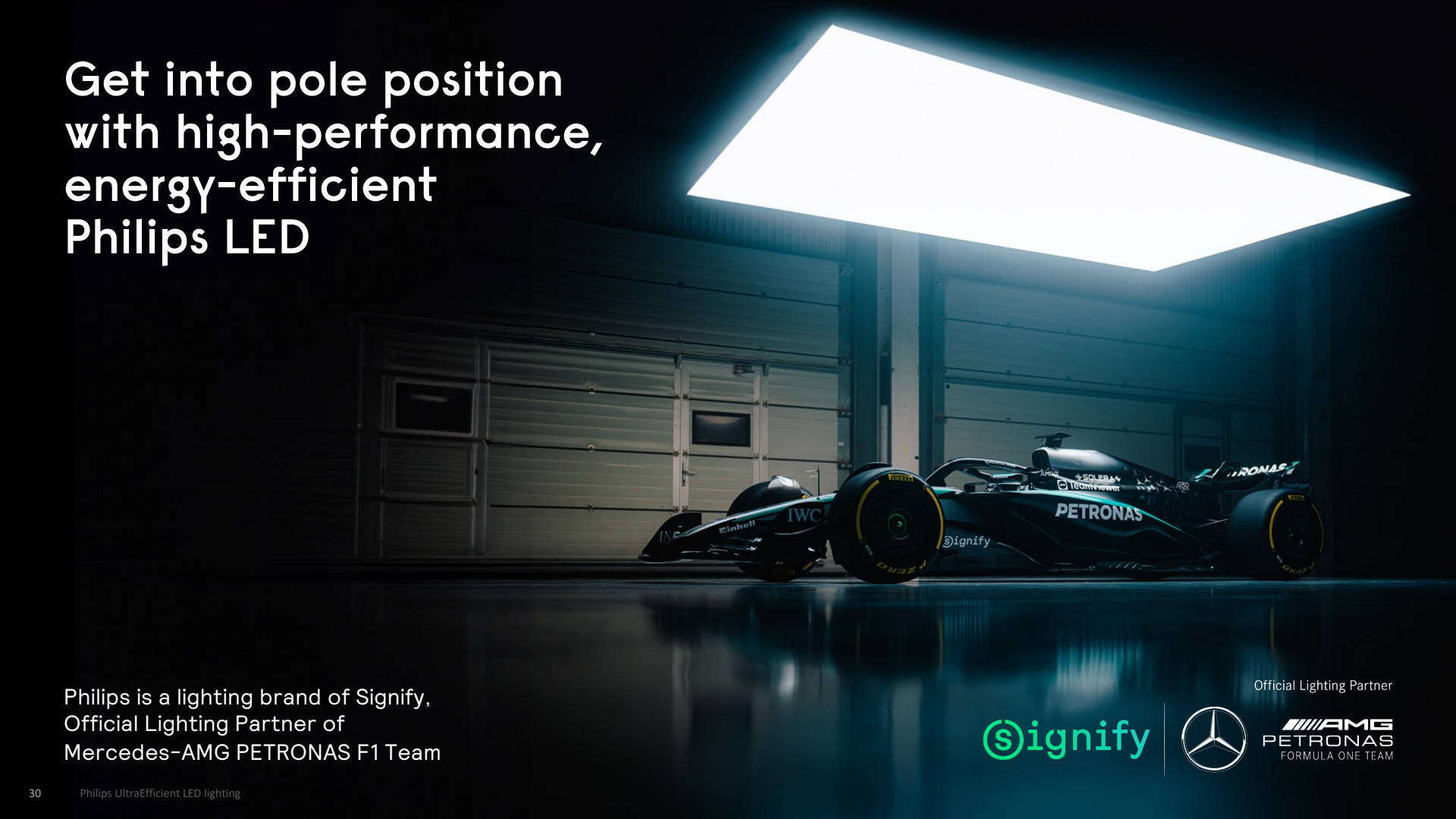
E27/E40 end caps

High efficiency GaN driver design

1) Philips MASTER SON-T UE 42.8W compared to Philips SON-T 100W E40 lamps (incl. 10W ballast losses).
2) Based on the emission factor of 0.3 kg/kWh, Europe average. Greenhouse gases emitted per unit of generated electricity, measured in grams of CO_2 equivalents per kilowatt-hour as of 2023 based on Our World in Data.
3) Average annual distance of one e-bike sharing is 10.000 km (click here for more details). One e-bike annual charging is 225 kWh/km (click here for more details).

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