



Lighten your carbon footprint
and drive energy savings

With UltraEfficient LED lighting

UE Ultra
Efficient¹



¹See next slide

Your ultra good answer to all your customers' sustainability demands.



Lighting accounts for around 15% of global electricity use¹, making it a powerful place to start when reducing energy consumption and carbon emissions.

LEDs are already a major step forward, but not all LEDs perform the same. Our UltraEfficient LED lamps and luminaires are designed to help you save even more energy and lower CO₂ emissions — without compromising on quality.

Choosing UltraEfficient lamps and luminaires means making a smart choice for both you and the planet.

Learn more: signify.com/ue

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](#)

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



Pacific LED gen5

Outdoor



AluRoad



UniStreet/
LumiStreet



Luma

Lamps



LED bulb



LED tubes



LED spot GU10



LED SON-T

Indoor luminaires

StoreSet Evo UltraEfficient



UE



Saves 29% in energy consumption compared to standard LED¹



Reduces CO₂ emission by 247 kg over the product lifetime compared to standard LED²



The annual energy savings compared to standard LED can charge 41 smartphones for a whole year³

173-193 lm/W efficiency

Easy maintenance with fast and toolless driver access

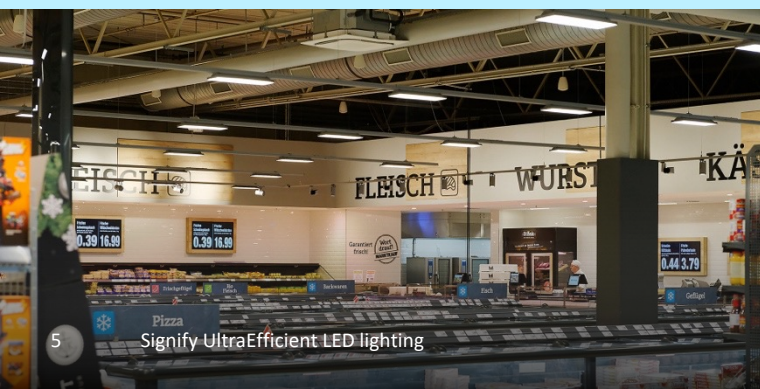
Slim and contemporary design blends seamlessly into store interiors

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 CO₂ 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.



StoreSet linear UltraEfficient



Saves 15% in energy consumption compared to standard LED¹



Reduces CO₂ emission by 87 kg over the product lifetime compared to standard LED²



The annual energy savings compared to standard LED can charge 14 smartphones for a whole year³

UE

173-183 lm/W efficiency

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.

Maxos fusion UltraEfficient



Saves 15% in energy consumption compared to standard LED¹



Reduces CO₂ emission by 319 kg over the product lifetime compared to standard LED²



The annual energy savings compared to standard LED can charge 35 smartphones for a whole year³

UE

190-202 lm/W efficiency

Designed with Circularity in mind, it is part of the Signify Circle portfolio

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

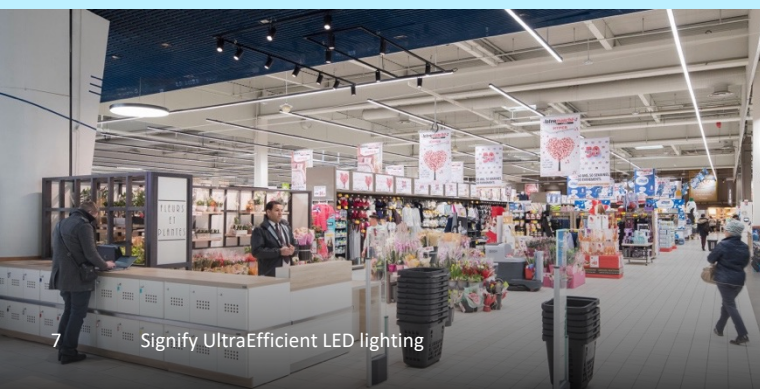
Up to 13 wires for multiple electrical circuit options, including emergency lighting

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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Signify UltraEfficient LED lighting

CoreLine trunking UltraEfficient



Saves 21% in energy consumption compared to standard LED¹



Reduces CO₂ emission by 508 kg over the product lifetime compared to standard LED²



The annual energy savings compared to standard LED can charge 55 smartphones for a whole year³

UE

186-200 lm/W efficiency

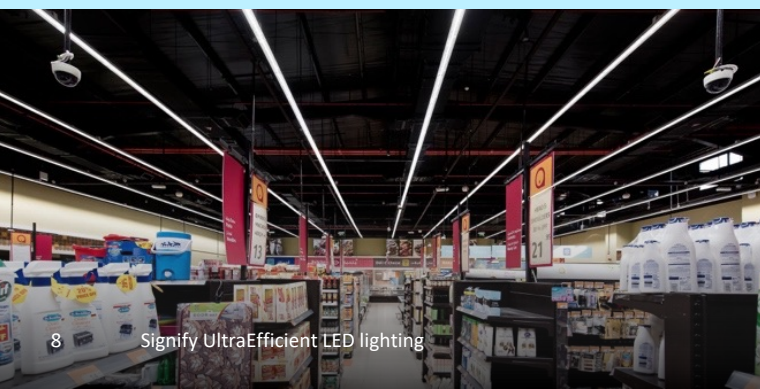
Color-consistent, uniform lighting

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 CO₂ 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.

Pacific LED gen5 UltraEfficient



Saves 13% in energy consumption compared to standard LED¹



Reduces CO₂ emission by 232 kg over the product lifetime compared to standard LED²



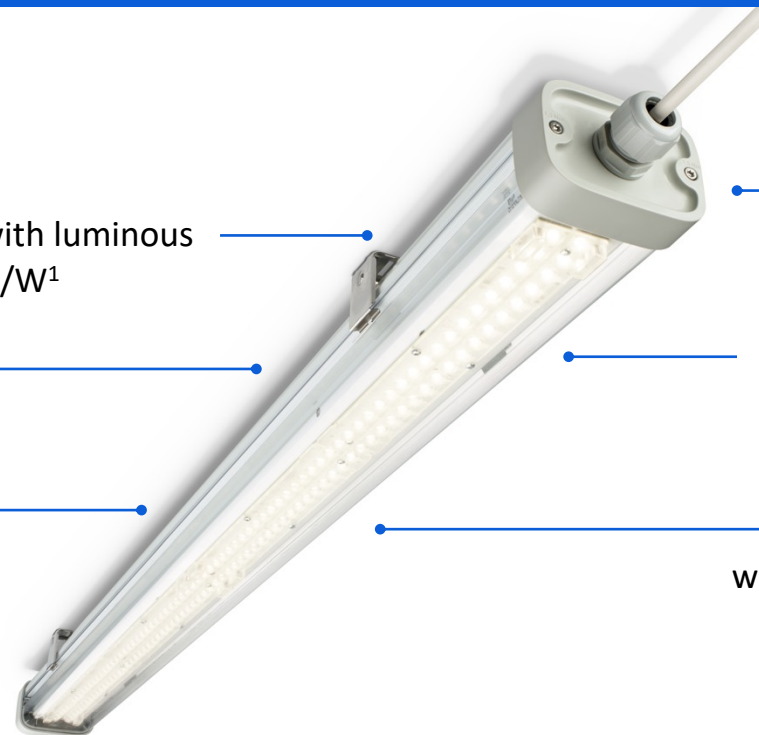
The annual energy savings compared to standard LED can charge 25 smartphones for a whole year³

UE

Ultra efficient versions with luminous efficacy of 185 to 191 lm/W¹

Lifetime of up to 100.000 hours (L90)

Designed with Circularity in mind, it is part of the Signify Circle portfolio

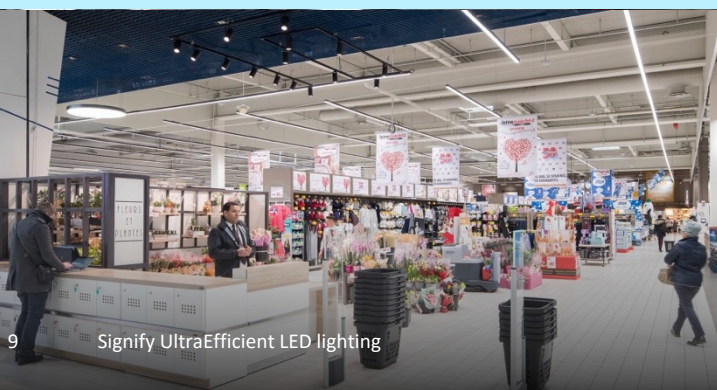


Water, dust and chemical resistant (IP66, IK08)

High uniformity, glare control and smooth light distribution

Xtreme (XT) version with temp range from -35°C to 60°C

- 1) Philips Pacific LED gen5 UltraEfficient WT490C 100S/840UE PSU WB TW1 P15L1800 compared to Philips Pacific LED gen5 WT490C 100S/840HE PSU WB TW1 P15L1800. The lights are on for an average of 16 hours per day, 365 days of the year (5,840 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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Signify UltraEfficient LED lighting

LuxSpace compact recessed, surface-mounted and suspended UltraEfficient



UE



Saves 24% in energy consumption compared to previous generation of this family¹



Reduces CO₂ emission by 58 kg over the product lifetime compared to standard LED²



The annual energy savings compared to standard LED can charge 9 smartphones for a whole year³

170-187 lm/W efficiency

Designed with Circularity in mind, it is part of the Signify Circle portfolio

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 CO₂ 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.

LuxSpace Accent UltraEfficient



UE



Saves 18% in energy consumption compared to standard LED¹



Reduces CO₂ emission by 51 kg over the product lifetime compared to standard LED²



The annual energy savings compared to standard LED can charge 8 smartphones for a whole year³

140-154 lm/W efficiency

Designed with Circularity in mind, it is part of the Signify Circle portfolio

Extended service life due to simple repair



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

- 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 CO₂ 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.

GreenSpace Accent Gen 2 UltraEfficient



UE



Saves 18% in energy consumption compared to standard LED¹



Reduces CO₂ emission by 65 kg over the product lifetime compared to standard LED²



The annual energy savings compared to standard LED can charge 10 smartphones for a whole year³

140-154 lm/W efficiency

Designed with Circularity in mind, it is part of the Signify Circle portfolio

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 CO₂ 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.

StyliD Evo UltraEfficient



UE



Saves 20% in energy consumption compared to standard LED¹



Reduces CO₂ emission by 65 kg over the product lifetime compared to standard LED²



The annual energy savings compared to standard LED can charge 10 smartphones for a whole year³

144-159 lm/W efficiency

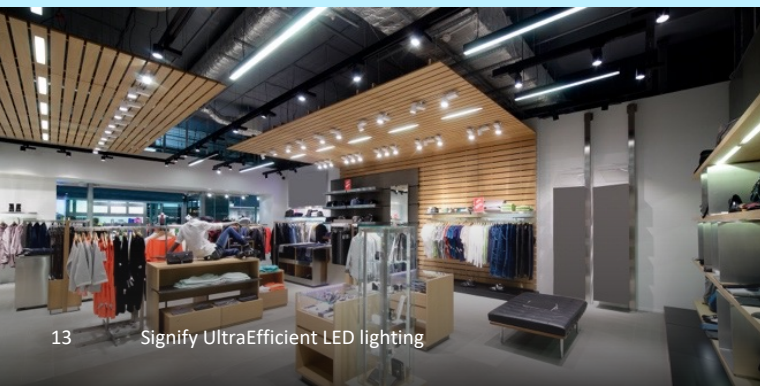
Designed with Circularity in mind, it is part of the Signify Circle portfolio

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 CO₂ 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.

GreenSpace Evo UltraEfficient



UE



Saves 26% in energy consumption compared to standard LED¹



Reduces CO₂ emission by 62 kg over the product lifetime compared to standard LED²



The annual energy savings compared to standard LED can charge 10 smartphones for a whole year³

144-159 lm/W efficiency

Designed with Circularity in mind, it is part of the Signify Circle portfolio

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 CO₂ 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.

GreenSpace Evo mini UltraEfficient



Saves 26% in energy consumption compared to standard LED¹



Reduces CO₂ emission by 62 kg over the product lifetime compared to standard LED²



The annual energy savings compared to standard LED can charge 10 smartphones for a whole year³

UE

140-146 lm/W efficiency

Designed with Circularity in mind, it is part of the Signify Circle portfolio

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 CO₂ 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.

CoreLine panel UltraEfficient



UE



Saves 69% in energy consumption compared to fluorescent tubes¹



Reduces CO₂ emission by 1,653 kg over the product lifetime compared to four fluorescent tubes²



The annual energy savings compared to four fluorescent tubes can charge 79 smart-phones for a whole year³

160 lm/W efficiency

Green connector compatible with Wieland, Schuko, Wago and Flywire

Surface mounted accessories, suspension set and plaster ceiling clips available

Smooth surface of light for office compliance



- 1) Philips CoreLine panel UE RC132V G6 36S/UE840 PSU W60L60 OC compared to four Philips MASTER TL-D 1500mm 72W (operating on electro-magnetic 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 CO₂ 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.

PowerBalance UltraEfficient



UE



Saves 24% in energy consumption compared to standard LED¹



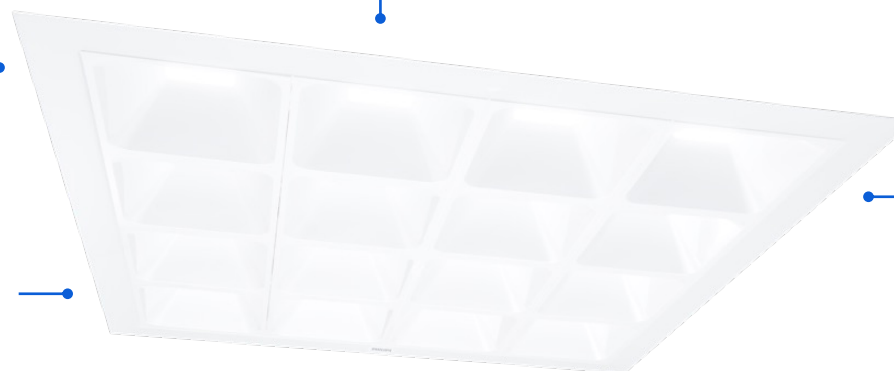
Reduces CO₂ emission by 81 kg over the product lifetime compared to standard LED²



The annual energy savings compared to standard LED can charge 7 smartphones for a whole year³

172-174 lm/W efficiency

Iconic product design



Interact Ready connectivity:
Wireless version and integrated sensor version

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 CO₂ 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.

TrueBlend UltraEfficient



UE



Saves 12% in energy consumption compared to standard LED¹



Reduces CO₂ emission by 49 kg over the product lifetime compared to standard LED²



The annual energy savings compared to standard LED can charge 4 smartphones for a whole year³

172-185 lm/W efficiency

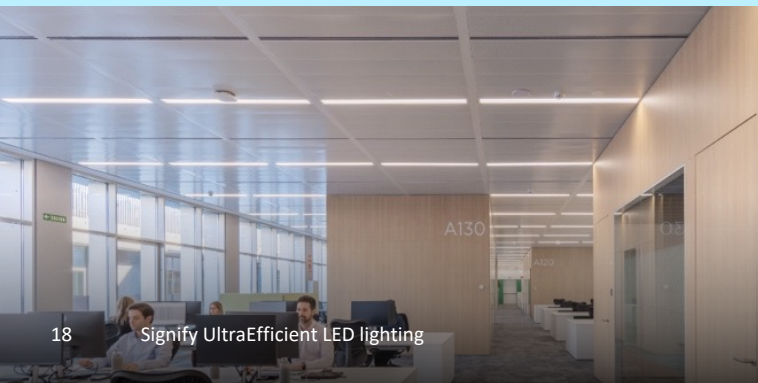
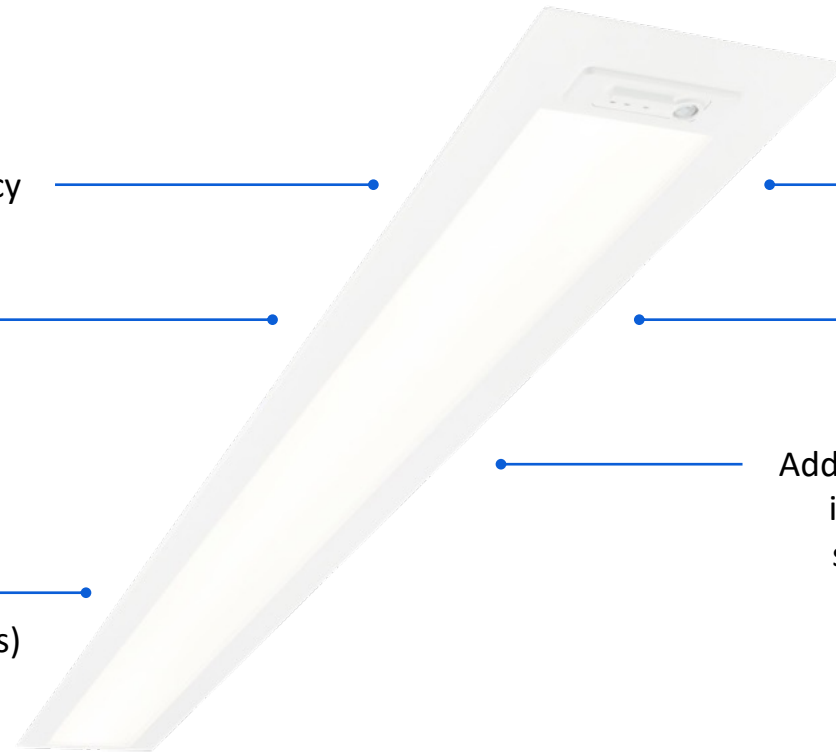
Designed to support a circular economy, sustainability goals and employee well-being

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 CO₂ 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.

GentleSpace G4 UltraEfficient



UE



Saves 10% in energy consumption compared to standard LED¹



Reduces CO₂ emission by 331 kg over the product lifetime compared to standard LED²



The annual energy savings compared to standard LED can charge 54 smartphones for a whole year³

186-189 lm/W efficiency

Wide variety of optics

Interact Ready connectivity for smart lighting

Designed with Circularity in mind, it is part of the Signify Circle portfolio

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 CO₂ 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.

CoreLine highbay gen6 UltraEfficient



Saves 17% in energy consumption compared to the previous generation¹



Reduces CO₂ emission by 623 kg over the product lifetime compared to the previous generation²



The annual energy savings compared to the previous generation can charge 69 smartphones for a whole year³

UE

190-196 lm/W efficiency

High durability and reliability



Covers a wide range of applications

Appealing sustainable design

High-quality light for visual comfort



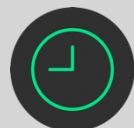
- 1) Philips CoreLine highbay BY120P G6 LED200/UE840 PSU WB compared to Philips CoreLine highbay BY121P G5 LED 200S/840 PSU WB.
- 2) Based on the emission factor of 0.3 kg/kWh, Europe average. Greenhouse gases emitted per unit of generated electricity, measured in grams of CO₂ equivalents per kilowatt-hour 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.

Outdoor luminaires

AluRoad UltraEfficient



Saves 65% in energy consumption compared to standard LED¹



Reduces CO₂ emission by 3,630 kg over the product lifetime compared to standard LED²



The annual energy savings compared to standard LED can charge 808 smartphones for a whole year³

UE

172 lm/W efficiency (selected configurations)

Designed with Circularity in mind, it is part of the Signify Circle portfolio



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 CO₂ 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.

UniStreet/LumiStreet UltraEfficient



Saves 5% in energy consumption compared to standard LED¹



Reduces CO₂ emission by 255 kg over the product lifetime compared to standard LED²



The annual energy savings compared to standard LED can charge 62 smartphones for a whole year³

UE

203 lm/W efficiency (selected configurations)

Designed with Circularity in mind, it is part of the Signify Circle portfolio



Die-casting material from >80% recycled aluminum

Wide application coverage with optimized light distribution, including internal and external louvers

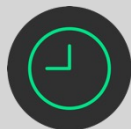
More flux in smaller product size for lower investment

- 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 CO₂ 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.

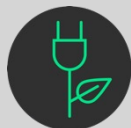
Luma UltraEfficient



Saves 6% in energy consumption compared to standard LED¹



Reduces CO₂ emission by 315 kg over the product lifetime compared to standard LED²



The annual energy savings compared to standard LED can charge 77 smartphones for a whole year³

UE

203 lm/W efficiency (selected configurations)

Designed with Circularity in mind, it is part of the Signify Circle portfolio



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 CO₂ 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.

LED Lamps

MASTER LEDbulb UltraEfficient



Saves 50% in energy consumption compared to standard LED¹



Reduces CO₂ emission by 3310 kg over the product lifetime compared to standard LED²



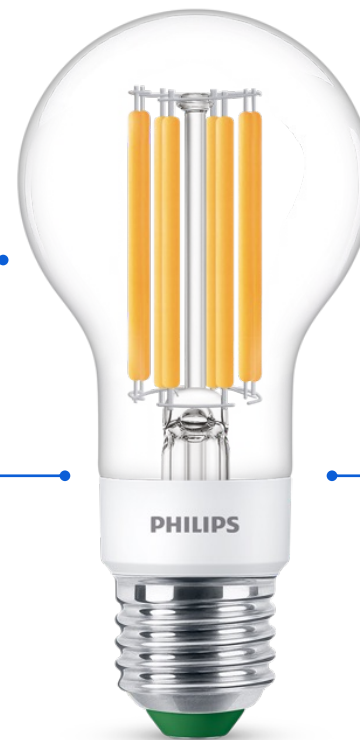
The annual energy savings compared to standard LED can charge 9 smartphones for a whole year³

UE

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 CO₂ 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.

MASTER LEDtube UltraEfficient T5



Saves 61% in energy consumption compared to fluorescent tubes¹



Reduces CO₂ emission by 632 kg over the product lifetime compared to fluorescent tubes²



The annual energy savings compared to fluorescent tubes can charge 1,302 laptops for a year³

UE

High efficacy of 185 lm/W for an incredible B-class energy-efficiency rating

High lumen output 3500 lm

New



Designed to replace both HE and HO fluorescents

Shatter-resistant glass design to optimize use in food lighting applications

- 1) Fluorescent tube calculations based on Philips MASTER LEDtube UE T5 mains 1500mm 18.9W compared to Philips MASTER TL5 HO 49W (operation on electronic ballast). The lights are on for an average of 24 hours per day, 365 days of the year (8,760 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. The Signify 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.
- 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 CO₂ 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.

MASTER LEDtube UltraEfficient T8



Saves 75% in energy consumption compared to fluorescent tubes¹



Reduces CO₂ emission by 1632 kg over the product lifetime compared to fluorescent tubes²



The annual energy savings compared to fluorescent tubes can charge 24 laptops for a whole year³

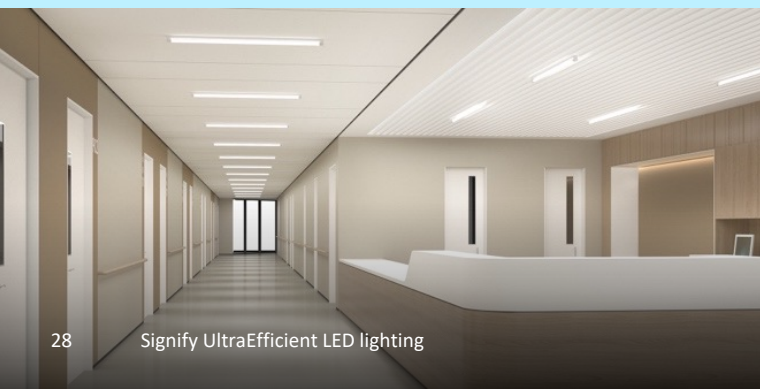
UE

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 CO₂ 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.

MASTER Value LEDtube UltraEfficient



Saves 69% in energy consumption compared to fluorescent tubes¹



Reduces CO₂ emission by 1122 kg over the product lifetime compared to fluorescent tubes²



The annual energy savings compared to fluorescent tubes can charge 22 laptops for a whole year³

UE

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 CO₂ 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.

MASTER LEDspot UltraEfficient GU10



Saves 50% in energy consumption compared to standard LED¹



Reduces CO₂ emission by 3750 kg over the product lifetime compared to standard LED²



The annual energy savings compared to standard LED can charge 5 smartphones for a whole year³

UE

Special LED design with compact size fit for small-size spotlights

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 CO₂ 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.

MASTER LED SON-T UltraEfficient



Saves 65% in energy consumption compared to conventional HID¹



Reduces CO₂ emission by 1043 kg over the product lifetime compared to conventional HID²



The annual energy savings compared to a conventional HID can power an e-bike for 3,556 kilometers³

UE

Impressive output: _____
Maximum performance
meets ultra-efficiency

High efficiency GaN _____
driver design



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

_____ E27/E40 end caps

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 CO₂ 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).

You and Signify – a reliable partnership

Signify is the world leader in connected LED lighting systems, software and services. We proudly bring to market the best lighting brands in the world, including Signify, Philips and Interact.

We believe in close cooperation before, during, and after every project. Our local teams provide the support and information you need—with flexible, on-time delivery and reliable product availability.

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interact

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the meaning of light