PHILIPS

Fortimo

LED system

LLM Gen4

LED

Outdoor LED
comfortable white light
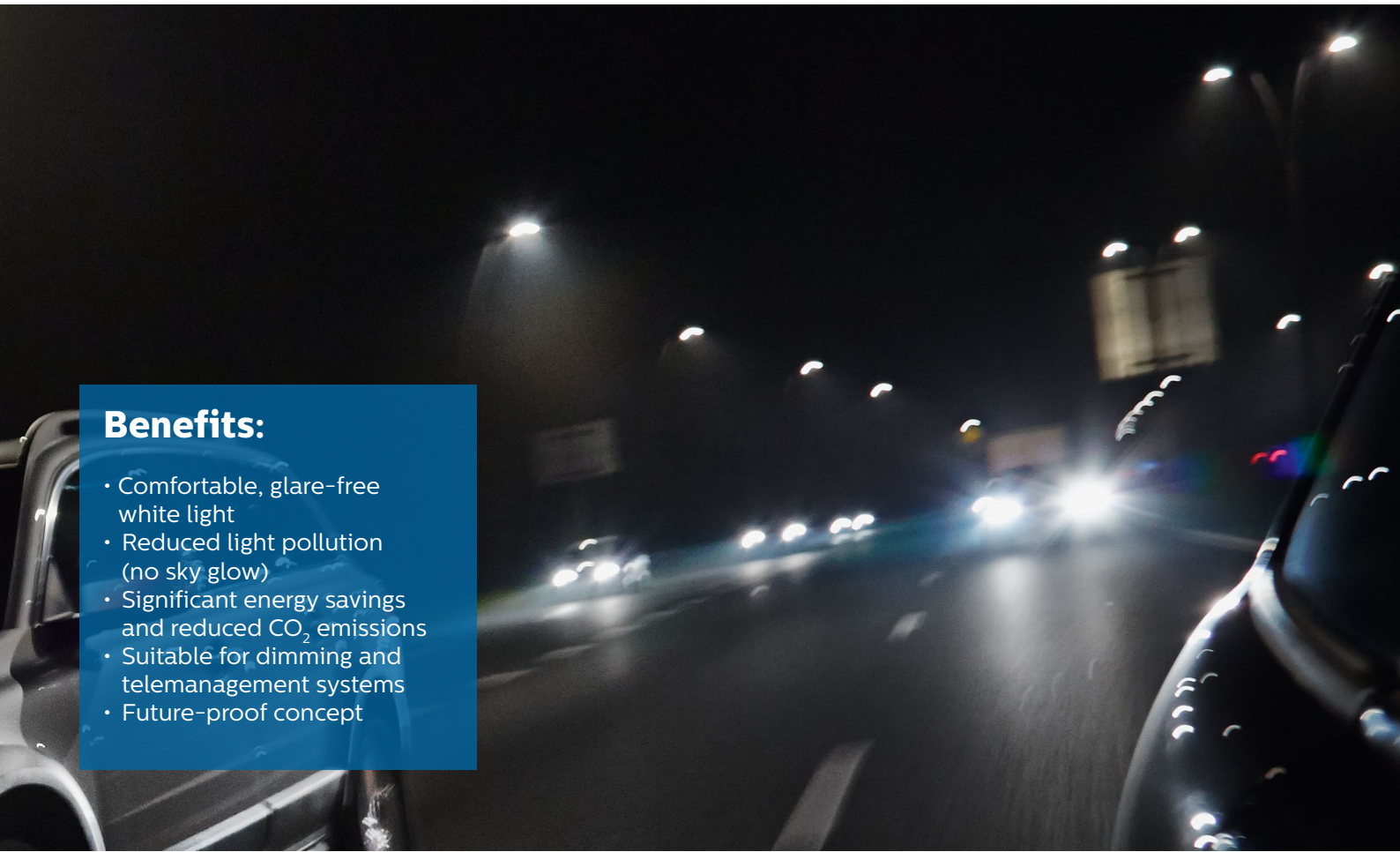
Outdoor lighting
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Fortimo LED LLM Gen4
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Urban lighting
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Philips Fortimo LED linear light module Gen4

Energy efficient
and comfortable white
lighting

Benefits:

- Comfortable, glare-free white light
- Reduced light pollution (no sky glow)
- Significant energy savings and reduced CO_2 emissions
- Suitable for dimming and telemanagement systems
- Future-proof concept

Designed for applications where light quality and visual comfort are essential. Fortimo LED LLM Gen4 delivers high-quality, diffuse white light with little glare.

Comfortable white light

The Fortimo LED LLM Gen4 system consists of a light module and an electronic driver, designed for use in existing or new luminaires together with a heatsink and reflector. The same module form-factor offers four different lumen packages. The choice of warm or neutral color temperatures and high color rendering ensures the right combination is always available.

Fortimo LED LLM Gen4 provides excellent vertical illumination for optimal facial recognition and a feeling of safety, proved to be highly appreciated by the public, making the system ideal for residential and urban lighting.

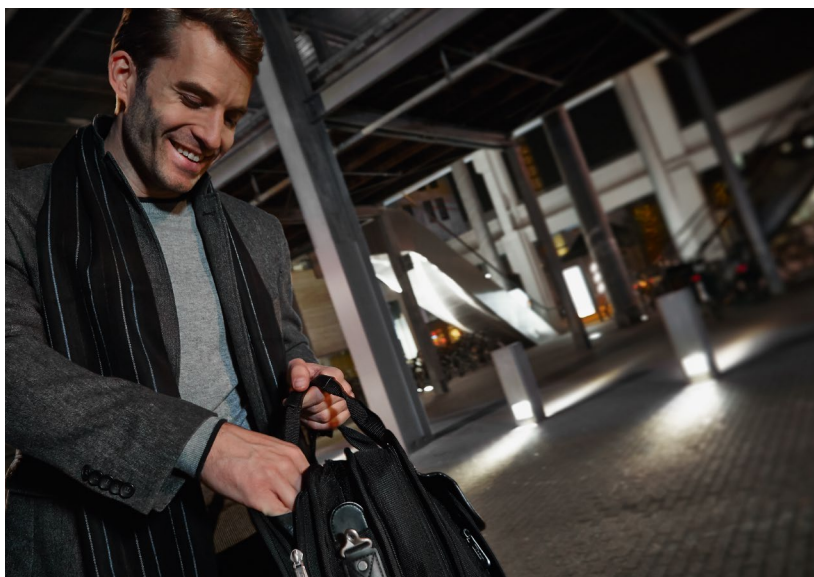> "Fortimo LED LLM Gen4 provides a feeling of safety which **makes the system ideal for residential and urban lighting.**"

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Fortimo LED linear light
module (LLM) Gen4 provides
**high quality natural white light
and make people feel safe
and comfortable.**"

Energy efficiency and the environment
Fortimo LED LLM Gen4 features the latest generation of LEDs, with high system efficiency and performance.

The remarkable energy savings achieved with LED lighting are further extended with integrated controls. As an example all dedicated system drivers have pre-programmed Constant Light Output (CLO) functionality. This feature reduces power consumption at the beginning of luminaire life and at the same time ensures stable light output, preventing energy waste due to overlighting. In the case of Xitanium Prog drivers this feature can be enabled via the MultiOne software tool.

In addition to CLO, energy use can be further managed with dimming. Lowering light levels during off-peak hours reduces energy usage and CO_2 emissions. Dimming also minimizes light pollution, which improves quality of life for local residents.

Features
- State of the art LED technology for outstanding performance, Efficacy up to 135 lm/W
- Choice of warm (3000 K) or neutral (4000 K) white light
- Excellent color consistency, CRI > 70
- Entire Fortimo LED LLM Gen4 module portfolio has identical physical characteristics and optical distribution
- 5-year system warranty
- Dedicated drivers with Constant Light Output
- Compatibility with Xitanium outdoor driver portfolio
- Multiple system dimming options for additional energy savings
- Including DALI, 1-10 V and Dynadimmer

Applications
- Residential areas
- Urban street lighting
- Parks
- City centers
- Parking lots
- Squares
- Cycle – footpaths

Outdoor lighting
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Ordering details

Fortimo LED LLM Gen4

Product	GPC	EOC	MOQ
Fortimo LED LLM 1100/730 9W Gen4	9290 009 41406	8718696 43063700	6
Fortimo LED LLM 1100/740 8W Gen4	9290 009 41506	8718696 43065100	6
Fortimo LED LLM 1800/730 16W Gen4	9290 009 41606	8718696 43067500	6
Fortimo LED LLM 1800/740 15W Gen4	9290 009 41706	8718696 43069900	6
Fortimo LED LLM 3000/730 26W Gen4	9290 009 41806	8718696 43071200	6
Fortimo LED LLM 3000/740 24W Gen4	9290 009 41906	8718696 43073600	6
Fortimo LED LLM 4500/730 39W Gen4	9290 009 42006	8718696 43075000	6
Fortimo LED LLM 4500/740 36W Gen4	9290 009 42106	8718696 43077400	6
Cable Fortimo 1100/1800 5pin to 7pin	9290 008 37903	8718291 25422500	6
Xitanium 35W 0.20-0.70A 230V Otd	9290 006 34003	8718291 12003200	6
Xitanium 35W 0.20-0.70A LS6 230V Otd	9290 006 34103	8718291 12004900	6
Xitanium 35W 0.20-0.70A LS8 230V Otd	9290 006 34203	8718291 12005600	6
Xitanium 75W 0.35-0.70A 1-10V 230V sXt	9137 012 17502	8727900 92567800	6
Cable Fortimo 7PA to 6wire - 600mm	9290 008 03903	87182912 1412000	10

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www.philips.com/fortimo
www.philips.com/xitanium