



**PHILIPS**



Fortimo

LED system

SLM EaseSelect

# Maximum miniaturization **without compromising on quality of light**

Make your next-generation spotlight  
luminaires smaller and more appealing



# Fortimo LED SLM EaseSelect brings new possibilities to spotlight luminaire design

Lighting can make a real difference to the retail experience. True colors and premium whites make brands and businesses shine. The challenge for luminaire manufacturers is to provide accent lighting solutions that elevate retail lighting to a higher level. The Fortimo LED SLM EaseSelect enables new designs of high quality and compact track luminaires without compromising on the quality of light.

This new member of the high-end Fortimo family integrates the driver and chip-on-board (CoB) LEDs into the heatsink, increasing your freedom to design track spot luminaires that don't need a separate driver box. You benefit from miniaturization with exceptional performance and quality.

“

Since a heatsink is always required, **it makes sense to integrate the driver into it”**

## Fortimo LED SLM EaseSelect offers

- Easy design-in with a single form factor for your complete portfolio
- Outstanding performance from optimized CoB/driver combinations
- An integrated solution with flicker-free performance
- Excellent quality of light with Philips Premium White
- Efficacy up to 120 lm/W
- Long lifetime of 50,000 hours and five-year warranty
- A full portfolio for your quality spotlight luminaires
- The possibility to design track spot luminaires without a driver box

# Leading the miniaturization trend

Integrating the driver into the heat sink allows a very small form factor and eliminates the need for a separate driver box. It's perfect for track spot luminaires and other applications like recessed luminaires and miniature downlighting with medium- to wide beam angles.

## A new 'look & feel' for luminaires

With this level of integration, not only can the luminaire be smaller, but it becomes more cost efficient to produce. And thanks to the uncompromised quality of light and extensive design freedom, luminaire manufacturers have more opportunities to differentiate their next-generation products. Innovative design without a driver box projects a premium image, thus increasing the perceived value.

## Best quality of light from an integrated module

Alternative approaches to miniaturization, such as integrating the driver on the CoB or in a holder around it, result in a significant loss of quality which the end user is not willing to accept (such as critical thermal behavior, low efficiency, increased flicker index and reduced light quality). In contrast, the unique Fortimo LED SLM EaseSelect module has less than 4% ripple for flicker free luminaires. The performance is outstanding, with up to 120 lumens per watt and Philips Premium White light quality.

### A full portfolio

The portfolio includes 1100, 2000, 3000 and 4000 lumen types, available with CCTs of 830, 840 and 930, the 3000K types are equipped with Premium White. The compact dimensions – just 90 mm long and 70 mm in diameter – make it possible for you to design a portfolio of compact luminaires around a single form factor. There's no need to source, design or manufacture heatsinks either. The second generation of SLM ES does require additional cooling which enables higher lumen outputs. Depending on the luminaire design, this can be done via the luminaire housing. The Philips Lighting Design-in team is available to support with thermal simulations based on 3D designs.



## Fortimo SLM EaseSelect

Product name	EOC code
Fortimo SLM ES 1100lm 830 PW L09 Gen1	694793917040100
Fortimo SLM ES 1100lm 840 L09 Gen1	694793917042500
Fortimo SLM ES 1100lm 930 PW L09 Gen1	694793917044900
Fortimo SLM ES 2000lm 830 PW L13 Gen1	694793917046300
Fortimo SLM ES 2000lm 840 L13 Gen1	694793917048700
Fortimo SLM ES 2000lm 930 PW L13 Gen1	694793917050000
Fortimo SLM ES 3000lm 830 PW L15 Gen1	694793917052400
Fortimo SLM ES 3000lm 840 L15 Gen1	694793917054800
Fortimo SLM ES 3000lm 930 PW L15 Gen1	694793917056200
Fortimo SLM ES 3000lm 930 PW L15 Gen2	871869677099300
Fortimo SLM ES 4000lm 830PW L15 Gen2	871869671172900
Fortimo SLM ES 4000lm 840 L15 Gen2	871869671174300



© 2019 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify.

Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V. All other trademarks are owned by Signify Holding or their respective owners.

[www.philips.com/technology](http://www.philips.com/technology)