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The brighter alternative in shop lighting

Fortimo Spot LED – quality of light, minimum maintenance

PHILIPS
sense and simplicity

Quality of light, minimum maintenance

Merchandise of all kinds looks more attractive and desirable under a Fortimo Spot. That's because the Fortimo Spot's colour rendering index of over 80 Ra, its perfect red rendering and its colour consistency ensure that products always look bright and vivid. What's more, the excellent lumen maintenance and long lifetime of up to 50,000 hours make relamping a thing of the past: a promise that is backed up by the Philips five-year system guarantee.

Peace of mind for manufacturers

The lamp and driver have been designed, developed and rigorously tested in combination with each other. They incorporate special mechanical and thermal protection as well as a miniaturised PSU. Hence, they are highly robust and have a guaranteed lumen output and light distribution, whilst efficacy upgrades can be implemented when available. In short, they will never let you down.

Easy to design-in

The comprehensive Fortimo Spot portfolio offers many different options for ease of design-in. For example, you have a choice of drivers, lumen outputs, colour temperatures and dimming protocols.

More options coming in 2010

We are set to offer a choice of tunable white and RGB models – both with guaranteed lumen output – and a dedicated Fortimo Food module for your retail customers' grocery departments. All have the same form factor – so you can develop just one luminaire and offer a wide choice of performance profiles and applications.

Benefits for end users

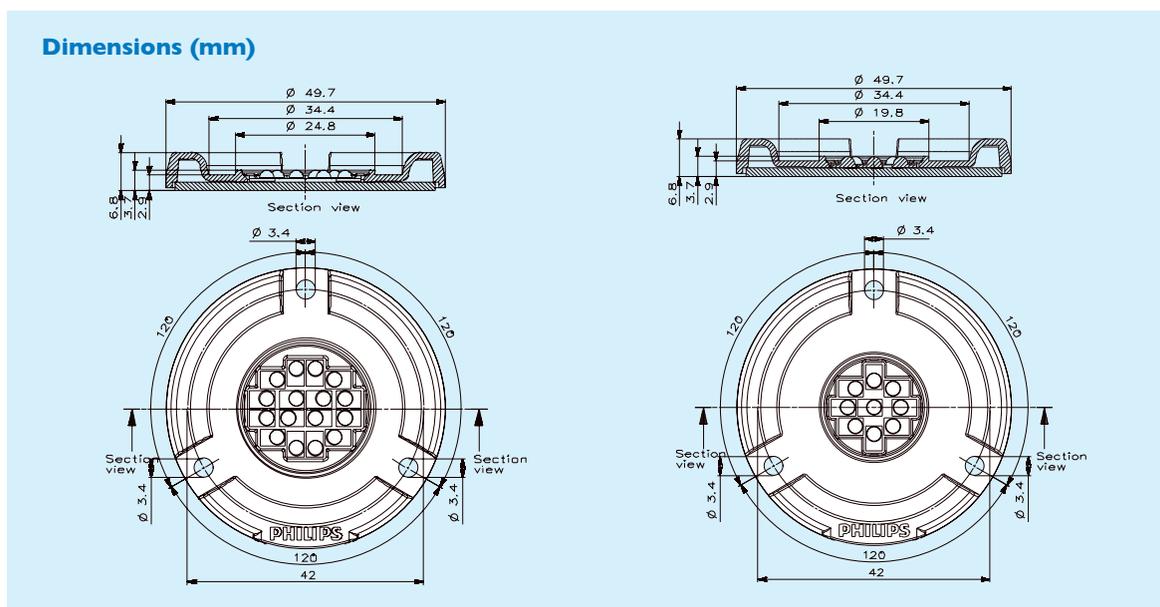
- More attractive and desirable merchandise
- No re-lamping, minimum maintenance
- Reduced energy costs thanks to high lumen/watt efficacy
- Closer illumination possible thanks to minimized UV and IR
- Dynamic displays possible thanks to dimming to 10%

Ideal alternative to:

- Halogen, offering up to 60% energy saving
- Metal halide, offering reduced maintenance

Applications

- Retail:
Shop windows, wall-washing, accent and display lighting, track lighting, mini floodlighting
- Hospitality:
Lobbies, reception areas, restaurants, bars, elevators
- Recreation:
Museums, galleries, theatres and other public places



Product specifications

Type	Power (W)	Light output (lm)	Colour Tempe- rature (K)	Colour Rendering (Ra)	Lumen maintenance @50khrs (%)	Life time @ max Tc 65° (hrs)	Module Efficacy (lm/W)	System Efficacy (lm/W)	Dynamic Proto Options
Fortimo LED SLM module 1100/840	17	1100	4000	>80	70	50000	67	55	Touch and DALI / trailing edge
Fortimo LED SLM module 1100/835	18	1100	3500	>80	70	50000	60	52	Touch and DALI / trailing edge
Fortimo LED SLM module 1100/830	18	1100	3000	>80	70	50000	62	52	Touch and DALI / trailing edge
Fortimo LED SLM module 2000/840	31	2000	4000	>80	70	50000	65	56	Touch and DALI
Fortimo LED SLM module 2000/835	33	2000	3500	>80	70	50000	60	53	Touch and DALI
Fortimo LED SLM module 2000/830	33	2000	3000	>80	70	50000	61	53	Touch and DALI

Ordering data

Fortimo LED SLM Modules	EOC codes	I2NC codes
Fortimo LED SLM module 1100 17W/840	872790091410800	9290 006 12903
Fortimo LED SLM module 1100 18W/835	872790091408500	9290 006 12703
Fortimo LED SLM module 1100 18W/830	872790091406100	9290 006 11503
Fortimo LED SLM module 2000 31W/840	872790091411500	9290 006 13003
Fortimo LED SLM module 2000 33W/835	872790091409200	9290 006 12803
Fortimo LED SLM module 2000 33W/830	872790091407800	9290 006 11603

For a complete system, a module, cable and driver are needed.

Fortimo LED DLM drivers (all are suitable for either SLM 1100Lm or 2000Lm modules)	EOC codes	I2NC codes
Fortimo LED DLM 1100-2000 Fixed output driver only	872790080177400	9290 004 62903
Fortimo LED DLM 1100-2000/TD (Dimmable driver)	872790084297500	9290 004 65003
Fortimo LED DLM 1100-2000/I (Independent, fixed output driver)	872790082522000	9290 004 65103
Fortimo LED DLM 1100-2000 TD/I (Independent, dimmable driver)	872790086270600	9290 004 65203

Philips Xitanium drivers (for Fortimo LED SLM 1100Lm modules)	EOC codes	I2NC codes
Xitanium 25w 0.3 - 0.7A 36V, Independent 230V	872790090096500	9290 006 00203
Xitanium 25w 0.3 - 0.7A 36V, TE/I 230V (trailing edge dimming)	872790090730800	9290 006 00303
Xitanium 25w 0.3 - 1.0A 36V, TD/Independent 230V (Touch and DALI dimming)		9290 006 00403
Xitanium 25w 0.3-1A 36V TD/Is 230V (dimming, without 12v connector)		9290 004 85803