

Fortimo LED downlight system (DLM) Gen5



Indoor | Downlight & Spotlight systems

Fortimo LED DLM Gen5 further reduces total cost of ownership by offering higher efficiency, as well as enables to address to high ceiling applications with 5000 lm package. With this upgrade, Fortimo LED DLM remains the ideal LED system solution for high-quality, low-glare downlights.

Benefits:

- Industry-leading energy efficiency with high-quality white light as well as easy glare control due to diffused light
- Addressing to high ceiling applications with 5000 lm package
- Wide choice of high-quality LED drivers with different form factors and dimming protocols

Features:

- Lumen packages ranging from 1100 to 5000 lm, with the choice of 3000 or 4000 K
- System offering with 5-year warranty
- CE, ENEC, RoHS and REACH-compliant

Applications:

For use in luminaires for:

- Offices
- Public buildings
- Hotel lobbies and receptions
- Retail
- Urban outdoor lighting

What is new in the Fortimo LED DLM Gen5 range?

The Philips LumiLeds Luxeon M have been increasing the performance since the introduction of the first generation of Fortimo LED DLM in 2008. In the Fortimo LED DLM Gen5 range this is translated into the following changes.

- Lower power consumption which enables lower power drivers to be compatible
- Up to 9% higher module efficiency
- Availability of 5000 lm version for high ceiling applications.

Philips Xitanium LED drivers

Philips has a full and ever increasing range of Xitanium LED drivers for indoor lighting modules. This range is characterized by high efficiency, light weight, central DC operation, SELV and hot wiring possibility. Xitanium LED drivers come in fixed light output or DALI dimmable (TD) and Trailing edge (TE) dimming versions. Xitanium LED 25/17/12W drivers have the ultimate flexibility in that they can be simply altered from being an independent driver to a built in driver.

Product specification

With Philips Xitanium 12W driver fixed output	Light output	Module power	Module efficacy	System efficacy	CCT	CRI	Color consistency	B50L70 @ Tc life	Tc life LED module	Input voltage	Power factor	Order code
	lm	W	lm/W	lm/W	K	Ra	SDCM	hours	°C	V	Pf	(12NC)
Fortimo LED DLM 1100 11W/830 Gen5	1100	11	100	79	3000	>80	3	50,000	70	220-240	> 0.9	9290 008 72203
Fortimo LED DLM 1100 10W/840 Gen5	1100	10	110	87	4000	>80	3	50,000	70	220-240	> 0.9	9290 008 72303
With Philips Xitanium 25W driver fixed output	Light output	Module power	Module efficacy	System efficacy	CCT	CRI	Color consistency	B50L70 @ Tc life	Tc life LED module	Input voltage	Power factor	Order code
	lm	W	lm/W	lm/W	K	Ra	SDCM	hours	°C	V	Pf	(12NC)
Fortimo LED DLM 2000 21W/830 Gen5	2000	21	95	81	3000	>80	3	50,000	70	220-240	> 0.9	9290 008 72403
Fortimo LED DLM 2000 19W/840 Gen5	2000	19	105	90	4000	>80	3	50,000	70	220-240	> 0.9	9290 008 72503
With Philips Xitanium 50W driver fixed output	Light output	Module power	Module efficacy	System efficacy	CCT	CRI	Color consistency	B50L70 @ Tc life	Tc life LED module	Input voltage	Power factor	Order code
	lm	W	lm/W	lm/W	K	Ra	SDCM	hours	°C	V	Pf	(12NC)
Fortimo LED DLM 3000 32W/830 Gen5	3000	32	94	81	3000	>80	3	50,000	70	220-240	> 0.9	9290 008 72603
Fortimo LED DLM 3000 29W/840 Gen5	3000	29	103	89	4000	>80	3	50,000	70	220-240	> 0.9	9290 008 72703
With Philips Xitanium 50W driver fixed output	Light output	Module power	Module efficacy	System efficacy	CCT	CRI	Color consistency	B50L70 @ Tc life	Tc life LED module	Input voltage	Power factor	Order code
	lm	W	lm/W	lm/W	K	Ra	SDCM	hours	°C	V	Pf	(12NC)
Fortimo LED DLM 5000 55W/830 Gen5	5000	55	91	80	5000	>80	3	50,000	70	220-240	> 0.9	929000876106
Fortimo LED DLM 5000 50W/840 Gen5	5000	50	100	87	5000	>80	3	50,000	70	220-240	> 0.9	929000876206

Driver and cable combination	A	B	C
Xitanium 12W 0.3-1A 16V I 230V	✓	✗	✓
Xitanium 17W 0.3-1A 24V TD/I 230V	✓	✗	✓
Xitanium 25W 0.3-0.7A 36V 230V	✓	✓	✓
Xitanium 25W 0.3-0.7A 36V TD/I	✓	✓	✓
Xitanium 25W 0.3-0.7A 36V TD/ls	✓	✗	✓
Xitanium 25W 0.3-0.7A 36V TE /I 230V	✓	✓	✓
Xitanium 36W LH 0.3-1A 48V I 230V	✓	✓	✓
Xitanium 50W 0.3-1A 62V 230V	✓	✓	✓
Xitanium 50W 0.3-1A 62V TD/TE 230V	✓	✓	✓
Xitanium 50W LH 0.3-1A 62V TD/TE/I 230V	✓	✓	✓
Xitanium 50W SH 0.3-1A 62V I 230V	✓	✓	✓
Xitanium 50W SH 0.3-1A 62V TD/TE/I 230V	✓	✓	✓
Xitanium 50W/s 0.3-1A 62V 230V	✓	✓	✓
Xitanium EM 3W 50mA 50V 3H 230V (emergency driver)	✓	✓	✓



For further information visit the website:

www.philips.com/OEMAsia



retail



office



hospitality

