

PHILIPS

Fortimo

LED system

Fortimo LED Line High Flux

The Fortimo LED Line High Flux systems consist of linear white light LED modules with high flux (up to 2000 Lm/ft), high energy efficiency, and high quality of light. These smart systems are completed with the Xitanium drivers, which enable easy generation management (future-proof) and offer the flexibility to meet a broad range of applications. The Fortimo LED Line High Flux systems are designed to replace fluorescent lighting applications with high ceilings, such as trunking, high bay and battens in warehouses, factories and big retail stores.

Zhaga



Product specification

High voltage	Type	Light output	Module efficacy	Power consumption	Color rendering	Color consistency	Lumen depreciation B50L70	Case temp. Lifetime	Order code
1R	Fortimo LED line 1 ft 2000 Lm 830 1R HV1	1885	122	15.4	80	3.5	50000	75	87182916 95004 00
	Fortimo LED line 1 ft 2000 Lm 840 1R HV1	2005	130	15.4	80	3.5	50000	75	87182916 95028 00
	Fortimo LED line 2 ft 4000 Lm 830 1R HV1	3765	122	30.8	80	3.5	50000	75	87182916 95127 00
	Fortimo LED line 2 ft 4000 Lm 840 1R HV1	4005	130	30.8	80	3.5	50000	75	87182916 95141 00

Non-isolated LED drivers (HV)

Driver type	Commercial name	Dimensions mm	LED Line 1 ft 2000 Lm**	LED Line 2 ft 4000 Lm**	Order code
			1R* systems	1R* systems	
DALI	Xitanium 150 W 0.2-0.7 A 300 V TD 230 V iXt	360 x 30 x 21	5, 6, 7, 8, 9	3, 4	8718291 768265 00
	Xitanium 110 W 0.2-0.6 A 215 V TD 230 V iXt	360 x 30 x 21	4, 5, 6	2, 3	8718291 736295 00
	Xitanium 75 W 0.12-0.4 A 215 V TD 230 V	360 x 30 x 22	4, 5, 6	2, 3	8718291 684022 00
	Xitanium 36 W 0.12-0.4 A 110 V TD 230 V	360 x 30 x 22	2, 3	1	8718291 684046 00
	Xitanium 17 W 0.12-0.4 A 54 V TD 230 V	360 x 30 x 22	1	n/a	87182911 98048 00
1-10 V	Xitanium 75 W 0.2-0.4 A 200 V 1-10 V 230 V	360 x 30 x 22	4, 5, 6	2, 3	87182911 63800 00
	Xitanium 36 W 0.12-0.4 A 100 V 1-10 V 230 V	360 x 30 x 22	2, 3	1	87182911 87202 00
	Xitanium 17 W 0.12-0.4 A 54 V 1-10 V 230 V	360 x 30 x 22	1	n/a	87182911 98062 00
Fixed output	Xitanium 75 W 0.12-0.4 A 215 V 230 V	280 x 30 x 22	4, 5, 6	2, 3	87182912 28097 00
	Xitanium 36 W 0.12-0.4 A 110 V 230 V	280 x 30 x 22	2, 3	1	87182912 28110 00

* Remark: combinations of 1R modules are possible, total length of a chain can be any mix of 1 ft and 2 ft modules. For example: total length of 3 ft can be a combination of 3 x LED Line 1 ft, or a LED Line 2 ft combined with a LED Line 1 ft.

** The current 17 W, 36 W and 75 W drivers limit the module up to 1750 Lm/ft. The highest configurations 3 and 6 shall be driver at max with 360 mA giving 1600 Lm/ft.

Product specification

Low voltage	Type	Light output	Module efficacy	Power consumption	Color rendering	Color consistency	Lumen depreciation B50L70	Case temp. Lifetime	Order code
1R	Fortimo LED line 2 ft 4000 Lm 830 1R LV1	3765	122	30.8	80	3.5	50000	75	87182916 95066 00
	Fortimo LED line 2 ft 4000 Lm 840 1R LV1	4005	130	30.8	80	3.5	50000	75	87182916 95080 00

Isolated LED drivers (LV)

Driver type	Commercial name	Dimensions mm	LED Line 2 ft 4000 Lm	Order code
			1R systems	
DALI	Xitanium 75 W 0.7-2 A 54 V TD 230 V	425 x 30 x 25	1, 2	87182912 11884 00
	Xitanium 36 W 0.3-1 A 54 V TD 230 V	425 x 30 x 25	1	87182916 57422 00
1-10 V	Xitanium 75 W 0.7-2 A 54 V 1-10 V 230 V	425 x 30 x 25	1, 2	8718291 696445 00
	Xitanium 36 W 0.3-1 A 54 V 1-10 V 230 V	360 x 30 x 25	1	8718291 684060 00
Fixed output	Xitanium 75 W 0.7-2 A 54 V 230 V	425 x 30 x 25	1, 2	8718291 696414 00
	Xitanium 36 W 0.3-1 A 54 V 230 V	360 x 30 x 25	1	8718291 684084 00

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