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Fortimo LED Line systems 1R/2R/3R
…surpassing fluorescent efficiency at lowest cost

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sense and simplicity

Fortimo LED Line systems-surpassing fluorescent efficiency at lowest cost

Fortimo LED Line systems are designed to replace fluorescent lighting in new luminaires. They are characterised by breakthrough high energy efficiency levels, up to 135 Lm/W, surpassing T5 systems, at the lowest possible cost. Fortimo LED Line systems also offer high quality white light in terms of colour rendition and colour consistency and are part of the Fortimo future proof promise.

The Fortimo LED Line range consists of linear, white light LED modules and Xitanium linear drivers, with high energy efficiency and high quality of light. They are intended for luminaire manufacturers who want to replace linear fluorescent as the light source in many different types of luminaires for general lighting.

The Fortimo LED Line portfolio consists of 3 main ranges of products, which have been differentiated by the number of rows of LEDs contained on the module. The range with 3 rows of LEDs is identified with 3R; the range with 2 row of LEDs is identified with 2R; the range with 1 row of LEDs is identified with 1R. Both ranges feature a variety of different length modules, lumen packages and colour temperatures. The associated linear Xitanium driver portfolio will include isolated and non isolated drivers, in fixed light output, 1-10V and DALI versions.

Fortimo LED Line 1R systems

The Fortimo LED Line 1R system, with 1 row of LEDs on the module, has been designed with higher lumen output per length than the 3R series, which makes the 1R range a better choice for higher ceilings. The 1 row of LEDs enables a wide variety of optics and beams from batwing light distribution to tight beams. This makes the 1R range a better choice for the illumination of vertical surfaces or areas where high lighting levels are desired. Typical applications would be luminaires for industry halls, warehousing, supermarkets or indirect lighting in offices.

Fortimo LED Line 2R systems

The Fortimo LED Line 2R system, with 2 rows of LEDs on the module, has been designed to produce high efficiency, pure white light, for general lighting applications where diffuse lighting on the horizontal plane is key. This range is ideal for incorporating into luminaires for use in general office lighting, where energy efficiency and glare control are of utmost importance

Fortimo LED Line 3R systems

The Fortimo LED Line 3R system, with 3 rows of LEDs on the module, has been designed to produce high efficiency, pure white light, for applications where diffuse lighting on the horizontal plane is key. This range is ideal for incorporating into luminaires for use in general office lighting, where energy efficiency and glare control are of utmost importance.

Features and benefits
- High energy efficiency
- Efficiency levels surpassing T5 systems
- Applicable for replacement in all fluorescent luminaires
- Flexible specifications due to smart Xitanium drivers
- Meets European norms for indoor lighting
- Part of Philips 5 year guarantee scheme
- High flexibility through wide choice of modules and drivers
- High quality white light
- Long lifetime of 50,000 hrs
- No heatsink needed

Applications

Fortimo LED Line systems are ideal for use in luminaires for many applications where fluorescent lighting is currently the dominant choice. Depending on the LED Line system chosen, this includes luminaires for direct and indirect lighting in offices, banks, schools, public buildings, supermarkets, warehousing and industry.

Xitanium linear driver portfolio for Fortimo LED Line family

The linear driver portfolio developed for the Fortimo LED Line family consists of state of the art, advanced programmable Xitanium drivers, offering the flexibility to set your own specification of LED system, due to the adjustable output current feature.

High energy efficiency, up to 92%, is a characteristic of the Xitanium driver family, as well as its ability to cope with multiple LED efficacy module upgrades.

For the Fortimo LED Line family there will be a linear range of Xitanium drivers available, all capable of driving different multiples of LED Line modules, rising up to 12. For ultimate flexibility and choice these driver types will be available in fixed output, 1-10V and Touch & DALI versions. Non isolated drivers will have the same linear dimensions as typcial mainstream T5 drivers. Isolated versions will have a slightly larger dimension.

Future proof system

The Fortimo LED Line family falls under the Philips future-proof promise, whereby future LED energy efficiency upgrades do not change the LED Line modules dimensions, lumen output or colour temperature. The design of the Xitanium driver is built around operating windows, which ensure the future proofness of the system when LED efficacy upgrades are implemented. See the Philips LED Line Design-In guide for further information on this on www.philips.com/fortimo.

Isolated and non-isolated choices

The Fortimo LED Line family offers a choice of isolated (low voltage) or non-isolated (high voltage) systems. With non-isolated LED Line systems a Class I luminaire must be made, whereby there is no possibility of accidentally touching the live parts in the system. A non-isolated system has the advantage of being more efficient, cheaper and the driver has shorter dimensions. An isolated system affords the opportunity to make open-louvred Class II luminaires.

Cables for Fortimo LED Line systems

There are various cables available for the LED Line systems in three main types; driver to module cables, module to module cables and end cables. The product offering varies depending on whether the system will be isolated or non-isolated, 1R or 3R and how many LED Line modules are being connected.

The driver to module cable contains a resistor that sets the driver current to the appropriate current needed for the number of modules to be connected. For interconnection between the modules specific board-to-board connectors are available in three lengths (4,6cm, 11,5cm and 19cm) depending on the luminaire design. In the case of non-isolated systems each chain of modules needs to be ended with a return end cable (RE) to close the electrical loop.

Composition of LED Line systems

A typical Fortimo LED Line system consists of:
- A number of LED Line modules
- 1 Xitanium driver
- 1 driver to module cable
- Several interconnecting module to module cables
- An end cable (if non-isolated (HV) system chosen)

office   supermarket   industry

Fortimo LED Line system LV (isolated)

Product specification

Fortimo LED Lines LV systems		Light output	Module efficacy	Power consumption	Colour rendering index	Colour consistency	Lumen depreciation B50L70 @Tc 58°C	LED Line voltage Vf	Order code
		lm	lm/W	W	Ra	SDCM	K hrs	DC	(EOC)
1R	Fortimo LED Line 1ft, 1100lm 830 1R LV1	1080	119	9.1	80	3.5	50	32.5	87182911 90486 00
	Fortimo LED Line 1ft, 1100lm 840 1R LV1	1120	124	9.1	80	3.5	50	32.5	87182911 90523 00
3R	Fortimo LED Line 1ft 650lm 830 3R LV1	610	120	5.1	80	3.5	50	31.6	87182911 94491 00
	Fortimo LED Line 1ft 650lm 840 3R LV1	650	129	5.1	80	3.5	50	31.6	87182911 94538 00

Range & order codes

Fortimo LED Line LV 1R systems	Description	Order code (EOC)	12NC code
Fortimo LED Line 1ft, 1100lm 830 1R LV1	low voltage, 1 row of LEDs 3000K, Ra80 module	8718291190486 00	9290 006 91503
Fortimo LED Line 1ft, 1100lm 840 1R LV1	low voltage, 1 row of LEDs 4000K, Ra80 module	8718291190523 00	9290 006 91703

Xitanium isolated Drivers	Description	Order code (EOC)	12NC code
Xitanium 75W/0.7-2.0A 54V TE/TD 120-277V	DALI dim driver for LV Fortimo 1ft LED Line 3R/1R module	87182912 11884 00	9290 006 92103
Xitanium 36W/0.3-0.7A 54V TE/TD 120-277V	DALI dim driver for LV Fortimo 1ft LED Line 3R/1R module	Q2 2012	Q2 2012
Xitanium 75W/0.7-2A 54V TE/1-10V 120-277V:	1-10V dim driver for LV Fortimo 1ft LED Line 3R/1R modules	87182912 11860 00	9290 006 92203
Xitanium 36W/0.2-0.4A 100V 1-10V 120-277V	1-10V dim driver for LV Fortimo 1ft LED Line 3R/1R modules	Q2 2012	Q2 2012
Xitanium 36W/0.3-0.7A 54V 120-277V	Fixed output driver for LV Fortimo 1ft LED Line 3R/1R modules	Q2 2012	Q2 2012
Xitanium 55W 0.84-1.5A 42V 120-277V	Fixed output driver for LV Fortimo LED Lines 1R/3R Fortimo LED Strip	87182912 04398 00	9290 006 96103

Cables Fortimo LV LED Line 1R systems	Description	Order code (EOC)	12NC code
LED Line cable 600mm 2C LV NTC	Driver-to-module cable for LED Line 1ft 1100lm LV in two elec. chains with NTC for programming	87182911 96433 00	9290 006 81303
LED Line cable 600mm 1C LV NTC	Driver-to-module cable for LED Line 1ft 1100lm LV in one elec. chain with NTC for programming	87182911 96006 00	9290 006 81403
LED Line cable 350mm 2K5r 2C LV	Driver-to-module cable for 55W driver Fortimo LED Line LV	87182912 07832 00	9290 008 04003
LED Line cable 350mm 3K9r 2C LV	Driver-to-module cable for 55W driver Fortimo LED Line LV	87182912 07863 00	9290 008 04203
LED Line cable 350mm 5K1r 2C LV	Driver-to-module cable for 55W driver Fortimo LED Line LV	87182912 07894 00	9290 008 04303
LED Line cable 250mm 7K5r 2C LV	Driver-to-module cable for 55W driver Fortimo LED Line LV	87182912 07924 00	9290 008 04403
LED Line cable 350mm 9K1r 2C LV	Driver-to-module cable for 55W driver Fortimo LED Line LV	87182912 07955 00	9290 008 04503
LED Line cable 46mm B2B	Fortimo LED Line interconnecting cable 46mm	87182911 95726 00	9290 006 81603
LED Line cable 115mm B2B	Fortimo LED Line interconnecting cable 115mm	87182911 96020 00	9290 006 81703
LED Line cable 190mm B2B	Fortimo LED Line interconnecting cable 190mm	87182911 95757 00	9290 006 81803

Fortimo LED Line 3R LV systems	Description	Order code (EOC)	12NC code
Fortimo LED Line 1ft 650lm 830 3R LV1	Low voltage, three rows of LED modules, RA80, 3000K	87182911 94491 00	9290 006 80903
Fortimo LED Line 1ft 650lm 840 3R LV1	Low voltage, three rows of LED modules, RA80, 4000K	87182911 94538 00	9290 006 81103

Xitanium isolated Drivers	Description	Order code (EOC)	12NC code
Xitanium 75W/0.7-2.0A 54V TE/TD 120-277V	DALI dim driver for LV Fortimo LED Line 1R/3R	87182912 11884 00	9290 006 92103
Xitanium 36W/0.3-0.7A 54V TE/TD 120-277V	DALI dim driver for LV Fortimo LED Line 1R/3R	Q2 2012	Q2 2012
Xitanium 75W/0.7-2A 54V TE/1-10V 120-277V	1-10V dim driver for LV Fortimo LED Line 1R/3R	87182912 11860 00	9290 006 92203
Xitanium 36W/0.2-0.4A 100V 1-10V 120-277V	1-10V dim driver for LV Fortimo LED Line 1R/3R	Q2 2012	Q2 2012
Xitanium 36W/0.3-0.7A 54V 120-277V	Fixed output driver for LV Fortimo LED Line 1R/3R	Q2 2012	Q2 2012
Xitanium 55W 0.84-1.5A 42V 120-277V	Fixed output driver for LV Fortimo LED Lines 1R/3R, Fortimo LED Strip	87182912 04398 00	9290 006 96103

Cables Fortimo LV LED Line 3R systems	Description	Order code (EOC)	12NC code
LED Line cable 600mm 2C LV	Driver-to-module cable for LED Line 1ft 650lm LV in two electrical chains for programming	87182911 95924 00	9290 006 90203
LED line cable 600mm 1C LV	Driver-to-module cable for LED Line 1ft 650lm LV in one electrical chain for programming	87182911 95948 00	9290 006 90303
LED Line cable 350mm 2K5r 2C LV	Driver-to-module cable for 55W driver Fortimo LED Line LV	87182912 07832 00	9290 008 04003
LED Line cable 350mm 3K9r 2C LV	Driver-to-module cable for 55W driver Fortimo LED Line LV	87182912 07863 00	9290 008 04203
LED Line cable 350mm 5K1r 2C LV	Driver-to-module cable for 55W driver Fortimo LED Line LV	87182912 07894 00	9290 008 04303
LED Line cable 250mm 7K5r 2C LV	Driver-to-module cable for 55W driver Fortimo LED Line LV	87182912 07924 00	9290 008 04403
LED Line cable 350mm 9K1r 2C LV	Driver-to-module cable for 55W driver Fortimo LED Line LV	87182912 07955 00	9290 008 04503
LED Line cable 46mm B2B	Fortimo LED Line interconnecting cable 46mm	87182911 95726 00	9290 006 81603
LED Line cable 115mm B2B	Fortimo LED Line interconnecting cable 115mm	87182911 96020 00	9290 006 81703
Led Line cable 190mm B2B	Fortimo LED Line interconnecting cable 190mm	87182911 95757 00	9290 006 81803

Drivers 1st recommendation			1R systems	3R systems	
	LV (isolated)		LED Line 1ft 1100 1R	LED Line 1ft 650 3R	Order code (EOC)
DALI	75W iso	425x30x25mm	3,4,5,6,7	5,6,7,8,9,10,11,12	87182912 11884 00
	36W iso	425x30x25mm	2	2,3,4	Q2 2012
1-10V	75W* iso	425x30x25mm	3,4,5,6,7	5,6,7,8,9,10,11,12	87182912 11860 00
	36W* iso	425x30x25mm	2	2,3,4	Q2 2012
Fixed Output	55W iso	360x30x25mm	3,4,5	6,7,8,9,10	87182912 04398 00

Cable recommendation

1R LV (isolated)	Cable	LED Line 1ft 1100 1R	Order code (EOC)
Xitanium 75W iso	LED Line cable 600mm 2C LV NTC	4,5,6,7	87182911 96433 00
Xitanium 75W iso	LED Line cable 600mm 1C LV NTC	3	87182911 96006 00
Xitanium 36W iso	LED Line cable 600mm 1C LV NTC	2	87182911 95948 00
Xitanium 55W iso	7R1 LED Line cable 350mm 2K5r 2C LV	3,4,5	87182912 07832 00
Xitanium 55W iso	7R1 LED Line cable 350mm 3K9r 2C LV	3,4,5	87182912 07863 00
Xitanium 55W iso	7R1 LED Line cable 350mm 5K1r 2C LV	3,4,5	87182912 07894 00
Xitanium 55W iso	7R1 LED Line cable 250mm 7K5r 2C LV	3,4,5	87182912 07924 00
Xitanium 55W iso	7R1 LED Line cable 350mm 9K1r 2C LV	3,4,5	87182912 07955 00
3R LV (isolated)	Cable	LED Line 1ft 650 3R	Order code (EOC)
Xitanium 75W iso	LED Line cable 600mm 2C LV	6,7,8,9,10,11,12	87182911 95924 00
Xitanium 75W iso	LED Line cable 600mm 1C LV	5	87182911 95948 00
Xitanium 36W iso	LED Line cable 600mm 1C LV	2,3,4	87182911 95948 00
Xitanium 55W iso	7R1 LED Line cable 350mm 2K5r 2C LV	6,7,8,9,10	87182912 07832 00
Xitanium 55W iso	7R1 LED Line cable 350mm 3K9r 2C LV	6,7,8,9,10	87182912 07863 00
Xitanium 55W iso	7R1 LED Line cable 350mm 5K1r 2C LV	6,7,8,9,10	87182912 07894 00
Xitanium 55W iso	7R1 LED Line cable 250mm 7K5r 2C LV	6,7,8,9,10	87182912 07924 00
Xitanium 55W iso	7R1 LED Line cable 350mm 9K1r 2C LV	6,7,8,9,10	87182912 07955 00

Fortimo LED Line 1R

Fortimo LED Line 3R

Fortimo LED Line system HV (non-isolated)

Product specification

Fortimo LED Lines HV systems		Light output lm	Module efficacy lm/W	Power consumption W	Colour rendering index Ra	Colour consistency SDCM	Lumen depreciation B50L70 @ Tc 58°C K hrs	LED Line voltage Vf DC	Order code (EOC)
1R	Fortimo LED Line 2ft, 2200lm 830 1R HV1	2160	119	18.1	80	3.5	50	64.7	87182911 89428 00
	Fortimo LED Line 2ft, 2200lm 840 1R HV1	2240	124	18.1	80	3.5	50	64.7	87182911 89640 00
2R	Fortimo LED Line 2ft 1250lm 830 2R HV1	1165	120	9.8	80	3.5	50	31.9	87182911 90042 00
	Fortimo LED Line 2ft 1250lm 840 2R HV1	1250	129	9.8	80	3.5	50	31.9	87182911 90189 00
3R	Fortimo LED Line 1ft 650lm 830 3R HV1	610	120	5.1	80	3.5	50	31.6	87182911 90585 00
	Fortimo LED Line 1ft 650lm 840 3R HV1	650	129	5.1	80	3.5	50	31.6	87182911 90622 00
	Fortimo LED Line 1ft 1100lm 830 3R HV1	1070	131	8.2	80	3.5	50	31.6	87182911 90660 00
	Fortimo LED Line 1ft 1100lm 840 3R HV1	1110	135	8.2	80	3.5	50	31.6	87182911 90707 00

Range & order codes

Fortimo LED Line 1R HV systems	Description	Order code (EOC)	12NC code
Fortimo LED Line 2ft, 2200lm 830 1R HV1	High voltage, 1 row of LEDs, 3000K, Ra80 module	87182911 89428 00	9290 006 90803
Fortimo LED Line 2ft, 2200lm 840 1R HV1	High voltage, 1 row of LEDs, 4000K, Ra80 module	87182911 89640 00	9290 006 91003

Xitanium non-isolated Drivers	Description	Order code (EOC)	12NC code
Xitanium 75W 0.15-0.4A 200V TD 230V:	DALI dim driver for HV Fortimo LED Line 1R/3R	87182911 18503 00	9290 006 70403
Xitanium 36W 0.12-0.4A 100V TD 230V	DALI dim driver for HV Fortimo LED Line 1R/3R	87182911 87165 00	9290 006 73703
Xitanium 75W 0.2-0.4A 200V 1-10V 230V:	1-10V dim driver for HV Fortimo LED Line 1R/3R	87182911 63800 00	9290 006 38203
Xitanium 36W 0.12-0.4A 100V 1-10V 230V	1-10V dim driver for HV Fortimo LED Line 1R/3R	87182911 87202 00	9290 006 73803
Xitanium 75W 0.15-0.4A 200V 230V	Fixed output driver for HV Fortimo LED Line 1R/3R	87182915 47426 00	9290 006 38303
Xitanium 36W 0.12-0.4A 100V 230V	Fixed output driver for HV Fortimo LED Line 1R/3R	87182911 87226 00	9290 006 73903

Cables Fortimo LED Line HV 1R systems	Description	Order code (EOC)	12NC code
LED Line cable 600mm 432r 1C HV NTC	Driver-to-module cable for LED Line 2ft 2200lm HV in one electrical chain with NTC	87182911 95962 00	9290 006 79903
LED Line cable 46mm B2B	Fortimo LED Line interconnecting cable 46mm	87182911 95726 00	9290 006 81603
LED Line cable 115mm B2B	Fortimo LED Line interconnecting cable 115mm	87182911 96020 00	9290 006 81703
LED Line cable 190mm B2B	Fortimo LED Line interconnecting cable 190mm	87182911 95757 00	9290 006 81803
LED Line cable return end HV	Return end cable 2cm for HV LED Line	87182911 95702 00	9290 006 81503

Fortimo LED Lines 2R HV systems	Description	Order code (EOC)	12NC code
Fortimo LED Line 2ft 1250lm 830 2R HV1	High voltage, 1250Lm, 2 rows of LEDs module, RA80, 3000K	87182911 90042 00	9290 006 91303
Fortimo LED Line 2ft 1250lm 840 2R HV1	High voltage, 1250Lm, 2 rows of LEDs module, RA80, 4000K	87182911 90189 00	9290 006 91403

Xitanium HV Drivers	Non-isolated drivers	Order code (EOC)	12NC code
Xitanium 75W 0.15-0.4A 200V TD 230V:	DALI dim driver for HV Fortimo LED Lines 1R, ~3R, Fortimo LED Strip	87182911 18503 00	9290 006 70403
Xitanium 36W 0.12-0.4A 100V TD 230V	DALI dim driver for HV Fortimo LED Lines 1R, ~3R, Fortimo LED Strip	87182911 87165 00	9290 006 73703
Xitanium 17W 0.12-0.4A 100V TD 230V	DALI dim driver for HV Fortimo LED Lines 1R, ~3R, Fortimo LED Strip	87182911 98048 00	9290 006 84703
Xitanium 75W 0.2-0.4A 200V 1-10V 230V:	1-10V dim driver for HV Fortimo LED Lines 1R, ~3R, Fortimo LED Strip	87182911 63800 00	9290 006 38203
Xitanium 36W 0.12-0.4A 100V 1-10V 230V	1-10V dim driver for HV Fortimo LED Lines 1R, ~3R, Fortimo LED Strip	87182911 87202 00	9290 006 73803
Xitanium 17W 0.12-0.4A 100V 1-10V 230V	1-10V dim driver for HV Fortimo LED Lines 1R, ~3R, Fortimo LED Strip	87182911 98062 00	9290 006 84803
Xitanium 75W 0.15-0.4A 200V 230V	Fixed output driver for HV Fortimo LED Lines 1R, ~3R, Fortimo LED Strip	87182915 47426 00	9290 006 38303
Xitanium 36W 0.12-0.4A 100V 230V	Fixed output driver for HV Fortimo LED Lines 1R, ~3R, Fortimo LED Strip	87182911 87226 00	9290 006 73903
Xitanium 17W 0.12-0.4A 100V 230V	Fixed output driver for HV Fortimo LED Lines 1R, ~3R, Fortimo LED Strip	Q2 2012	9290 006 84903

Cables Fortimo HV LED Line 2R systems	Description	Order code (EOC)	12NC code
LED Line cable 600mm 590r 1C HV NTC	LED Lines driver-to-module cable for LED Line 2ft 1250Lm HV in 1 electrical chain	87182912 06255 00	9290 008 04903
LED Line cable 46mm B2B	LED Lines board-to-board cable 46mm	87182911 95726 00	9290 006 81603
LED Line cable 115mm B2B	LED Lines board-to-board cable 115mm	87182911 96020 00	9290 006 81703
Led Line cable 190mm B2B	LED Lines board-to-board cable 190mm	87182911 95757 00	9290 006 81803
LED Line cable return end HV	LED Line cable return end HV	87182911 95702 00	9290 006 81503

Fortimo LED Line 3R HV systems	Description	Order code (EOC)	12NC code
Fortimo LED Line 1ft 650lm 830 3R HV1	High voltage, 650lm, three rows of LED modules, RA80, 3000K	87182911 90585 00	9290 006 80103
Fortimo LED Line 1ft 650lm 840 3R HV1	High voltage, 650lm, three rows of LED modules, RA80, 4000K	87182911 90622 00	9290 006 80303
Fortimo LED Line 1ft 1100lm 830 3R HV1	High voltage, 1100lm, three rows of LED modules, RA80, 3000K	87182911 90660 00	9290 006 80503
Fortimo LED Line 1ft 1100lm 840 3R HV1	High voltage, 1100lm, three rows of LED modules, RA80, 4000K	87182911 90707 00	9290 006 80703

Xitanium non-isolated Drivers	Non-isolated drivers	Order code (EOC)	12NC code
Xitanium 75W 0.15-0.4A 200V TD 230V:	DALI dim driver for HV Fortimo LED Line 1R, ~3R, Fortimo LED Line	87182911 18503 00	9290 006 70403
Xitanium 36W 0.12-0.4A 100V TD 230V	DALI dim driver for HV Fortimo LED Line 1R, ~3R, Fortimo LED Line	87182911 87165 00	9290 006 73703
Xitanium 17W 0.12-0.4A 54V TD 230V	DALI dim driver for HV Fortimo LED Line 1R, ~3R, Fortimo LED Line	87182911 98048 00	9290 006 84703
Xitanium 75W 0.2-0.4A 200V 1-10V 230V:	1-10V dim driver for HV Fortimo LED Line 1R, ~3R, Fortimo LED Line	87182911 63800 00	9290 006 38203
Xitanium 36W 0.12-0.4A 100V 1-10V 230V	1-10V dim driver for HV Fortimo LED Line 1R, ~3R, Fortimo LED Line	87182911 87202 00	9290 006 73803
Xitanium 17W 0.12-0.4A 54V 1-10V 230V	1-10V dim driver for HV Fortimo LED Line 1R, ~3R, Fortimo LED Line	Expected Feb12	9290 006 84803
Xitanium 75W 0.15-0.4A 200V 230V	Fixed output driver for HV Fortimo LED Line 1R, ~3R, Fortimo LED Line	87182915 47426 00	9290 006 38303
Xitanium 36W 0.12-0.4A 100V 230V	Fixed output driver for HV Fortimo LED Line 1R, ~3R, Fortimo LED Line	87182911 87226 00	9290 006 73903

Cables Fortimo HV LED Line 3R systems	Description	Order code (EOC)	12NC code
LED Line cable 600mm 619r 2C HV	LED Lines driver-to-module cable for LED Line 1ft 650Lm HV in two electrical chains*	87182912 01298 00	9290 006 97703
LED Line cable 600mm 232r 1C HV	LED Lines driver-to-module cable for LED Line 1ft 650Lm HV in one electrical chain*	87182912 01359 00	9290 006 97803
LED Line cable 600mm 464r 1C HV	LED Lines driver-to-module cable for LED Line 1ft 1100Lm HV in one electrical chain with NTC*	87182911 98468 00	9290 006 96003
LED Line cable 46mm B2B	Fortimo LED Lines interconnecting cable 46mm	87182911 95726 00	9290 006 81603
LED Line cable 115mm B2B	Fortimo LED Lines interconnecting cable 115mm	87182911 96020 00	9290 006 81703
LED Line cable 190mm B2B	Fortimo LED Lines interconnecting cable 190mm	87182911 95757 00	9290 006 81803
LED Line cable return end HV	Return end cable 2cm for HV LED lines	87182911 95702 00	9290 006 81503

Drivers 1st recommendation			1R systems	2R systems	3R systems		
	HV (non-isolated)		LED Line 2ft 2200 1R	LED Line 2ft 1250 2R	LED Line 1ft 650 3R	LED Line 1ft 1100 3R	Order code (EOC)
DALI	75W non-iso	360x30x25mm	2,3	4,5,6	5,6,8,10,12	4,5,6	87182911 18503 00
	36W non-iso	360x30x25mm	1	2,3	3,4,6	2,3	87182911 87165 00
	17W non-iso	360x30x25mm	n.a.	1	1,2	1	87182911 98048 00
1-10V	75W non-iso	360x30x25mm	2,3	4,5,6	5,6,8,10,12	4,5,6	87182911 63800 00
	36W non-iso	360x30x25mm	1	2,3	3,4,6	2,3	87182911 87202 00
	17W non-iso	360x30x25mm	n.a.	1	1,2	1	87182911 98062 00
Fixed Output	75W non-iso	360x30x25mm	2,3	4,5,6	5,6,8,10,12	4,5,6	87182915 47426 00
	36W non-iso	360x30x25mm	1	2,3	3,4,6	2,3	87182911 87226 00

Cable recommendation				
1R HV (non-isolated)	Cable	LED Line 2ft 2200 1R		Order code (EOC)
Xitanium 75W non-iso	LED Line cable 600mm 464r 1C HV NTC	2,3		87182911 98468 00
Xitanium 36W non-iso	LED Line cable 600mm 464r 1C HV NTC	1		87182911 98468 00
2R HV (non-isolated)	Cable	LED Line 2ft 1250 2R		Order code (EOC)
Xitanium 75W non-iso	LED Line cable 600mm 590r 1C HV NTC	4,5,6		87182912 06255 00
Xitanium 36W non-iso	LED Line cable 600mm 590r 1C HV NTC	2,3		87182912 06255 00
Xitanium 17W non-iso	LED Line cable 600mm 590r 1C HV NTC	1		87182912 06255 00
3R HV (non-isolated)	Cable	LED Line 1ft 650 3R	LED Line 1ft 1100 3R	Order code (EOC)
Xitanium 75W non-iso	LED Line cable 600mm 619r 2C HV	8,10,12	n.a.	87182912 01298 00
Xitanium 75W non-iso	LED Line cable 600mm 232r 1C HV	5,6	n.a.	87182912 01359 00
Xitanium 17W non-iso	LED Line cable 600mm 232r 1C HV	1	n.a.	87182912 01359 00
Xitanium 36W non-iso	LED Line cable 600mm 619r 2C HV	4,6	n.a.	87182912 01298 00
Xitanium 17W non-iso	LED Line cable 600mm 619r 2C HV	2	n.a.	87182912 01298 00
Xitanium 36W non-iso	LED Line cable 600mm 232r 1C HV	3	n.a.	87182912 01359 00
Xitanium 75W non-iso	LED Line cable 600mm 464r 1C HV	n.a.	4,5,6	87182911 98468 00
Xitanium 36W non-iso	LED Line cable 600mm 464r 1C HV	n.a.	2.3	87182911 98468 00
Xitanium 17W non-iso	LED Line cable 600mm 464r 1C HV	n.a.	1	87182911 98468 00