

Xitanium LED Drivers

Downlight & Spotlight drivers

Indoor | Downlight & Spotlight drivers

Dimmable, fixed output and fixed current LED drivers. Power ratings and related operating windows from 12 W to 75 W. Various housing designs: Linear housed form factors for tracks in '3 in 1' design, Conventional HID housings for down- and spotlighting, SH housing for independent use with strain relief and loop through. Almost all drivers feature the following specifications: Operating window, SELV, Improved ripple current, Temperature derating, Hot wiring, 12V output for active cooling or decorative effects, and Central DC operation.

Benefits:

- High reliability
 - 5-year warranty
- Luminaire design flexibility to keep stable/constant lumen output and light quality levels
 - LED generation management
 - LED complexity management
 - Lower R&D costs
 - Faster Time to Market
- High efficiency up to 92%
- One supplier for professional general lighting LED drivers

Features:

- Driver design based on Philips' experience and knowledge of conventional fluorescent & HID technologies
- The reliability of the LED solution is further enhanced by specific features that protect the connected LED module, like: hot wiring, reduced ripple current, thermal derating, almost all drivers feature central DC operation
- Application-oriented operating windows offer luminaire design flexibility. The operating windows are stacked so that a wide number of LEDs can be operated
- Wide portfolio
 - Various power/wattage drivers that are related to the operating windows/lumen packages/applications
 - Fixed output, dimmable (DALI, TE, 0/1-10V) & programmable drivers
 - Form factors derived from conventional ballasts
 - New form factors for retail/track lighting

Applications:

- Public buildings (airports, cinemas, theaters, exhibition halls)
- High-end shops
- Retail (supermarkets, bakery/butcher's shops, leather goods, etc.)

HV LED drivers

Fixed output

	Housing type	Housing mm	Dimming range	Output current range A	Output voltage range V	Central DC operation	SELV	Order code (12NC)
Xitanium 110W SH 0.3-1A 160V I 230V	5	220x83x35	n.a	0.3-1	80-161	Yes	No	929000839203

SELV LED drivers



DALI dimmable & programmable

	Housing type	Housing mm	Dimming range	Output current range A	Output voltage range V	Central Operation	SELV	Order code (12NC)
Xitanium 50 W 0.3-1 A 62V TD/TE 230 V	3	141x75x32	100-10%	0.3-1	31-62	Yes	Yes	929000661203
Xitanium 50 W LH 0.3-1 A 62V TD/I 230 V	2	190x46x32	100-10%	0.3-1	31-62	Yes	Yes	929000863803
Xitanium 50 W SH 0.3-1 A 62V TD/TE/I 230 V	4	220x83x35	100-10%	0.3-1	31-62	Yes	Yes	929000617203
Xitanium 25 W 0.3-1 A 36V TD/I 230 V	1	170x46x32	100-10%	0.3-1	18-36	Yes	Yes	929000600403
Xitanium 25W LH 0.3-1.0A 36V TD/Is 230V	5	150x46x32	100-10%	0.3-1	18-36	Yes	Yes	929000863703
Xitanium 17W 0.3-1A 54V TD/Is 230V	5	150x46x32	100-10%	0.3-1	27-54	Yes	Yes	929000864103

Module recommendations

Driver type	Suitable module
Xitanium 50 W 0.3-1 A 62V TD/TE 230 V	Fortimo LED DLM and SLM
Xitanium 50 W LH 0.3-1 A 62V TD/TE/I 230 V	Fortimo LED DLM and SLM
Xitanium 50 W SH 0.3-1 A 62V TD/I TE/I 230 V	Fortimo LED DLM and SLM
Xitanium 25 W 0.3-1 A 36V TD/I 230 V	Fortimo LED DLM and SLM
Xitanium 25 W LH 0.3-1.0A 36V TD/Is 230 V	Fortimo LED DLM and SLM

For driver and cable combinations please check chapter Fortimo DLM/SLM systems.



For further information visit the website:



www.philips.com/OEMAsia