



Xitanium LED linear drivers – non-isolated

Xitanium 100W 0.15–0.5A 300V iXt 230V

Xitanium linear non-isolated drivers are ideal for high voltage (HV) professional general lighting applications. The range includes DALI dimmable and programmable, 1–10V dimmable, non-dimmable and single current versions. They offer high efficiency, good quality of light and full flexibility. The new generation of 16mm DALI drivers offer ultimate performance. They comply with the latest DiiA standards, including implementation of the new DALI parts related to data. Configuring the drivers can be done quickly and wirelessly with SimpleSet. The new 21mm DALI drivers offer the best value for money.

Product data

General Information		Power Factor (Fraction)	
Nominal lifetime	100,000 hour(s)		0.9
Lighting Technology	LED	Open Circuit Voltage (DC) (Max)	330 V
		Protection Level Up (L-N) at 5 kA (Max)	2 kV
		Protection Level Up (LN-Earth) at 5 kA (Max)	4 kV
Operating and Electrical		Input Current (Nom)	460 mA
Line Frequency	50 to 60 Hz	Input current (AC)	0.46 mA
Input Frequency	50 to 60 Hz	Input current (DC)	0.46
Mains voltage operation (DC)	168–275 V	Inrush Current Peak (Max)	9 A
Total Harmonic Distortion IEC (Max)	20 %	Output Power (Max)	100 W
Power Consumption	100 W	Output Power (Nom)	64 W
Output Current Ripple (Max)	4 %	Default output current	150 mA
Maximum Efficiency at Full Load	94.1 %	Inrush Current Width to 50% of Peak	65 µs
Output Current (Max)	500 mA	Power Factor 100% Load (Max)	0.9
Output Current (Nom)	325 mA	Energy Metering	No
Output Current Tolerance (Max)	5 %	Constant Current (CC)	True
Mains voltage performance (DC)	186–250 V	Constant Voltage (CV)	False
Earth Leakage Current (Max)	0.5 mA	Diagnostics	True

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Output Power (Min)	28 W
Output Current (Min)	150 mA
Output Voltage (Max)	300 V
Output Voltage (Min)	100 V
Number of Products on MCB (16A Type B) (Max)	18
Number of Products on MCB (16A Type-C) (Max)	26 piece/unit

Wiring

Connector Type Input Terminals	Wago 744
Hot Wiring	no
Connector Type Output Terminals	Wago 744
Output Wire Cross Section (Max)	1.5 mm ²
Output Wire Cross Section (Min)	0.5 mm ²
Cable Length From Device to Lamp	2 m
Input Wire Gauge	16-20
Input wire strip length	8 mm to 9 mm
Input Wire Cross Section (Max)	1.5 mm ²
Input Wire Cross Section (Min)	0.5 mm ²
Output wire strip length	8 mm to 9 mm

System characteristics

Central DC Operation	Yes
YellowDot ready	No

Temperature

Ambient temperature range	-40 °C to 60 °C
T-Case Lifetime (Max)	75 °C
T-Case Lifetime (Nom)	75 °C
T-Case Maximum (Max)	90 °C
Module Temperature Protection	no
Maximum case temperature (in case of failure)	110 °C

Controls and Dimming

Control Interface	None
D4i compliant	No
Dimmable	No

DynaDimmer	No
Constant light output	No

Mechanical and Housing

Product Length	360 mm
Housing	Office 360x30x21 4p6p NFC
Overall length	360 mm
Overall width	30 mm
Overall height	21 mm
Dimensions (Height x Width x Depth)	21 x 30 x 360 mm

Approval and Application

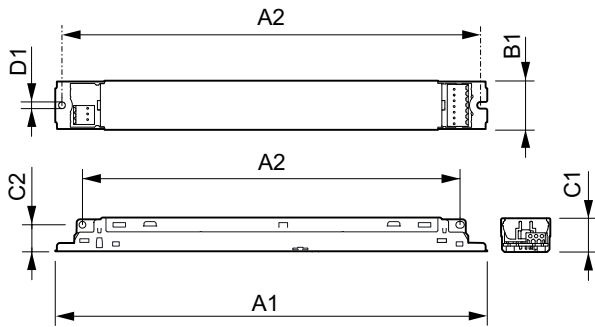
Ingress protection code	IP20 [Finger-protected]
Surge Protection (Common/Differential)	EN61547 (L-L 2kV, L-G 4kV) kV
Relative Humidity (Operation) (Max)	90 %
Isolation Classification	No
Short Circuit Protection	Protected
Over Power Protection	Protected
Open Circuit Protection	Protected
Approval Marks	CCC certificate CE marking ENEC certificate RCM compliance REACH compliance RoHS compliance
Corridor Mode	True
Output Current Set Options	LEDset, SimpleSet
Protection class IEC	Safety class I

Product Data

Order product name	Xitanium 100W 0.15-0.5A 300V iXt 230V
Full product name	Xitanium 100W 0.15-0.5A 300V iXt 230V
Full product code	87186965591000
Order code	929001506606
Material Nr. (12NC)	929001506606
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.270 kg
EAN/UPC - Product/Case	871869655910
Numerator - Packs per outer box	24
EAN/UPC - Case	871869655927

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Dimensional drawing



Product	A1	A2	B1	C1	D1
Xtanium 100W 0.15-0.5A 300V iXt 230V	360 mm	350 mm	30 mm	21 mm	4.1 mm

