



Xitanium LED linear drivers – non-isolated

XITANIUM 100W 0.15-0.5A 300V IXT TD 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		Protection Level Up (L-N) at 5 kA (Max)	
Nominal lifetime	100,000 hour(s)	Protection Level Up (LN-Earth) at 5 kA (Max)	4 kV
Lighting Technology	LED	Input current (AC)	0.49 mA
Operating and Electrical		Input current (DC)	0.43
Line Frequency	50 to 60 Hz	Inrush Current Peak (Max)	4.5 A
Input Frequency	50 to 60 Hz	Output Power (Max)	100 W
Mains voltage operation (DC)	168-275 V	Default output current	150 mA
Total Harmonic Distortion IEC (Max)	20 %	Inrush Current Width to 50% of Peak	1,000 µs
Output Current Ripple (Max)	4 %	Power Factor 100% Load (Max)	0.9
Maximum Efficiency at Full Load	94.6 %	Energy Metering	Yes
Output Current (Max)	500 mA	Constant Current (CC)	True
Output Current Tolerance (Max)	5 %	Constant Voltage (CV)	False
Mains voltage performance (DC)	186-250 V	Diagnostics	True
Power Factor (Fraction)	0.9	Output Power (Min)	28 W
Open Circuit Voltage (DC) (Max)	330 V	Output Current (Min)	150 mA

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Output Voltage (Max)	300 V
Output Voltage (Min)	100 V
Number of Products on MCB (16A Type-C) (Max)	24 piece/unit
Protection class IEC	Safety class I

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

T-Case Lifetime (Max)	75 °C
T-Case Maximum (Max)	90 °C
Module Temperature Protection	no
Maximum case temperature (in case of failure)	110 °C

Controls and Dimming

Dimmable	DALI
Control Interface	Corridor Mode DALI TD
Dimming Range	100-1 %
D4i compliant	No
DynaDimmer	No

Constant light output	Programmable
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Mechanical and Housing

Product Length	360 mm
Housing	Office 360x30x21 7p6p 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
Ingress protection code	IP20 [Finger-protected]
Net Weight (Piece)	0.284 kg

Approval and Application

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, Programmable, SimpleSet
Ambient temperature range	-40 °C to 60 °C

Product Data

Order product name	XITANIUM 100W 0.15-0.5A 300V IXT TD 230V
Full product name	XITANIUM 100W 0.15-0.5A 300V IXT TD 230V
Full product code	871869968856100
Order code	929001685606
Material Nr. (12NC)	929001685606
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699688561
Numerator - Packs per outer box	24
EAN/UPC - Case	8718699688578

