

Xitanium Linear Isolated LED drivers Adjustable Current



Xitanium 75W 0.7-2.0A 54V 230V

Xitanium LED drivers are designed to operate LED solutions for general lighting applications such as linear lighting, as well as downlighting and spot/accent lighting. High reliability underpinned by 5-year warranty, enhanced by specific features that protect the connected LED module, e.g. hot wiring, reduced ripple current and thermal derating. Most drivers feature central DC operation. In the coming years LEDs will continue to increase in efficiency, creating generation and complexity challenges for OEMs. With Xitanium LED drivers, flexibility in luminaire design is assured thanks to an adjustable output current. Application-oriented operating windows offer the flexibility required to provide the stable lumen output and light quality levels that lighting specifiers and architects demand. And the adjustable output current also enables operation of various LED PCB solutions from different manufacturers.

Product data

• General Information

Number Of Products On MCB (16A Type B) (Max) 24

• Operating and Electrical

Input Frequency 50 to 60 Hz
 Mains voltage operation (DC) 168-275 V
 Total Harmonic Distortion IEC (Max) 20 %
 12V Output No
 Output Current 4 %
 Ripple (Max)
 Maximum Efficiency 88 %
 Power Factor 100% Load (Min) 0.9
 Output Current (Max) 2000 mA
 Output Current (Nom) 1350 mA
 Output Current Tolerance (Max) 5 %

Input Voltage (AC) 220-240 V
 Mains voltage performance (DC) 186-250 V
 Earth Leakage Current (Max) 0.3 mA
 Open Circuit Voltage (DC) (Max) 60 V
 Input Current (Nom) 420 mA
 Input Power (Nom) 75 W
 Inrush Current Peak (Max) 21 A
 Output Power (Max) 75 W
 Output Power (Nom) 48 W
 Output Voltage 27-54 V
 Default output current 700-2000 mA
 Inrush Current Width To 50% Of Peak 220 µs
 Energy Metering Constant Current (CC) False
 True

PHILIPS

Xtitanium Linear Isolated LED drivers Adjustable Current

Constant Voltage (CV)	False
Diagnostics	False

• 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	4 m
Input wire strip length	8-9 mm
Output wire strip length	8-9 mm
Input Wire Cross Section (Max)	1.5 mm ²
Input Wire Cross Section (Min)	0.5 mm ²

• Temperature

T-Ambient (Max)	50 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	85 °C
T-Storage (Min)	-25 °C
T-Case Lifetime (Nom)	75 °C
T-Case Maximum (Max)	75 °C
Maximum case temperature (in case of failure)	110 °C

• Controls and Dimming

Control Interface	None
-------------------	------

• Mechanical and Housing

Housing	L360
---------	------

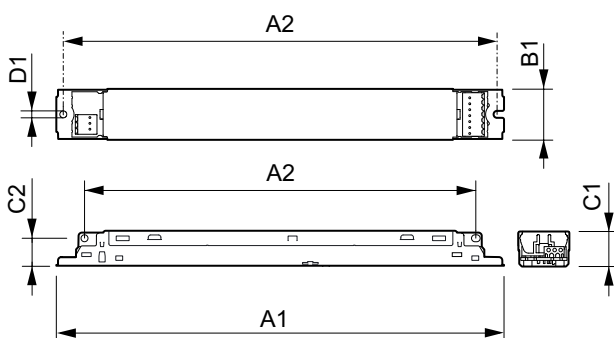
• Approval and Application

Surge Protection (Common/Differential)	EN61547 (L-L 1kV, L-G 2kV) kV
Relative Humidity (Operation) (Max)	90 %
Relative Humidity (Operation) (Min)	10 %
IP Classification	20
Isolation Classification	Class I and Class II
Short Circuit Protection	Protected
Over Power Protection	Protected
Open Circuit Protection	Protected
Approval Marks	CE marking ENEC certificate CCC certificate SELV
Output Insulation	Double or reinforced insulated
Corridor Mode	False
Output Current Set Options	LEDset

• Product Data

Full product code	871869646889000
Order product name	Xtitanium 75W 0.7-2.0A 54V 230V
EAN/UPC - Product	8718696468890
Order code	929000958806
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	24
Material Nr. (12NC)	929000958806
Net Weight (Piece)	0.240 kg

Dimensional drawing

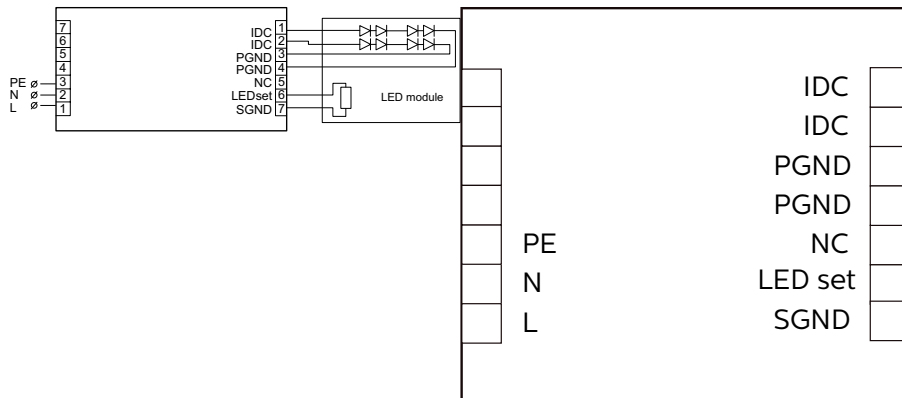


Xtitanium 75W 0.7-2A 54V 230V

Product	A1	A2	B1	C1	D1
Xtitanium 75W 0.7-2.0A 54V 230V	360 mm	350 mm	30 mm	21 mm	4.1 mm

Xtitanium Linear Isolated LED drivers Adjustable Current

Dimensional drawing



© 2016 Philips Lighting Holding B.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2016, August 22
data subject to change