



Xitanium LED linear drivers – non-isolated

Xitanium 75W 0.12-0.4A 220V 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	50,000 hour(s)		0.9
Lighting Technology	LED	Open Circuit Voltage (DC) (Max)	330 V
		Protection Level Up (L-N) at 5 kA (Max)	1 kV
		Protection Level Up (LN-Earth) at 5 kA (Max)	2 kV
Operating and Electrical		Input Current (Nom)	350 mA
Line Frequency	50 to 60 Hz	Input current (AC)	0.35 mA
Input Frequency	50 to 60 Hz	Input current (DC)	0.37
Mains voltage operation (DC)	168-275 V	Inrush Current Peak (Max)	19 A
Total Harmonic Distortion IEC (Max)	20 %	Output Power (Max)	75 W
Power Consumption	75 W	Output Power (Nom)	48 W
Output Current Ripple (Max)	4 %	Default output current	120 mA
Maximum Efficiency at Full Load	93.7 %	Inrush Current Width to 50% of Peak	280 µs
Output Current (Max)	400 mA	Power Factor 100% Load (Max)	0.9
Output Current (Nom)	260 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)	0.3 mA	Diagnostics	False

Xitanium LED linear drivers – non-isolated

Output Power (Min)	21 W
Output Current (Min)	120 mA
Output Voltage (Max)	220 V
Output Voltage (Min)	100 V
Number of Products on MCB (16A Type B) (Max)	24
Number of Products on MCB (16A Type-C) (Max)	24 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 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 mm

System characteristics

Central DC Operation	Yes
YellowDot ready	No

Temperature

Ambient temperature range	-25 °C to 50 °C
T-Case Lifetime (Max)	75 °C
T-Case Lifetime (Nom)	75 °C
T-Case Maximum (Max)	80 °C
Module Temperature Protection	no
Maximum case temperature (in case of failure)	110 °C

Controls and Dimming

Dimmable	No
Control Interface	None

D4i compliant	No
DynaDimmer	No
Constant light output	No

Mechanical and Housing

Product Length	280 mm
Housing	Office 280x30x21 3p7p SideM
Overall length	280 mm
Overall width	30 mm
Overall height	21 mm
Dimensions (Height x Width x Depth)	21 x 30 x 280 mm

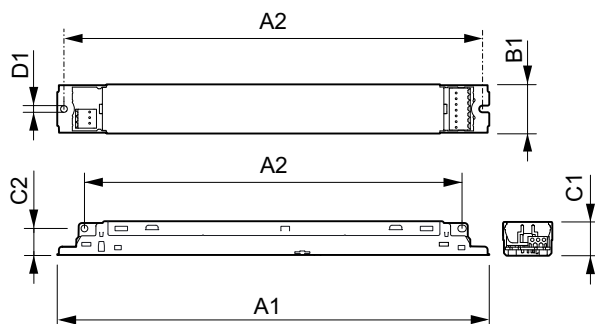
Approval and Application

Ingress protection code	IP20 [Finger-protected]
Surge Protection (Common/Differential)	EN61547 (L-L 1kV, L-G 2kV) 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
Protection class IEC	Safety class I

Product Data

Full product code	871869644002500
Order product name	Xitanium 75W 0.12-0.4A 220V 230V
Order code	929000950706
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	24
Material Nr. (12NC)	929000950706
Full product name	Xitanium 75W 0.12-0.4A 220V 230V
EAN/UPC - Case	8718696440032

Dimensional drawing



Product	A1	B1	C1	D1	A2
Xitanium 75W 0.12-0.4A 220V 230V	280 mm	30 mm	21 mm	4.1 mm	350 mm

Xtitanium LED linear drivers – non-isolated

