

PHILIPS

Lighting



Xitanium LED linear drivers – non-isolated

Xitanium 75W 0.12-0.4A 215V 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		Power Factor (Fraction)		0.9
Nominal lifetime	50,000 hour(s)	Open Circuit Voltage (DC) (Max)	275 V	
Lighting Technology	LED	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)	370 mA	
Line Frequency	50 to 60 Hz	Input current (AC)	0.37 mA	
Input Frequency	50 to 60 Hz	Input current (DC)	0.45	
Mains voltage operation (DC)	168-275 V	Inrush Current Peak (Max)	22 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	93.1 %	Inrush Current Width to 50% of Peak	275 μ s	
Output Current (Max)	400 mA	Power Factor 100% Load (Max)	0.9	
Output Current (Nom)	260 mA	Energy Metering	Yes	
Output Current Tolerance (Max)	5 %	Constant Current (CC)	True	
Mains voltage performance (DC)	186-250 V	Constant Voltage (CV)	False	
Earth Leakage Current (Max)	0.4 mA			

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Diagnostics	True
Output Power (Min)	21 W
Output Current (Min)	120 mA
Output Voltage (Max)	215 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	4 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	-20 °C to 50 °C
T-Case Lifetime (Max)	75 °C
T-Case Lifetime (Nom)	75 °C
T-Case Maximum (Max)	75 °C
Module Temperature Protection	yes
Maximum case temperature (in case of failure)	110 °C

Controls and Dimming

Control Interface	Touch and DALI Dimming
Dimming Range	100-1 %
D4i compliant	No

Dimmable	DALI
DynaDimmer	No
Constant light output	Programmable

Mechanical and Housing

Product Length	360 mm
Housing	Office 360x30x22 744 7 7p SideM
Overall length	360 mm
Overall width	30 mm
Overall height	22 mm
Dimensions (Height x Width x Depth)	22 x 30 x 360 mm

Approval and Application

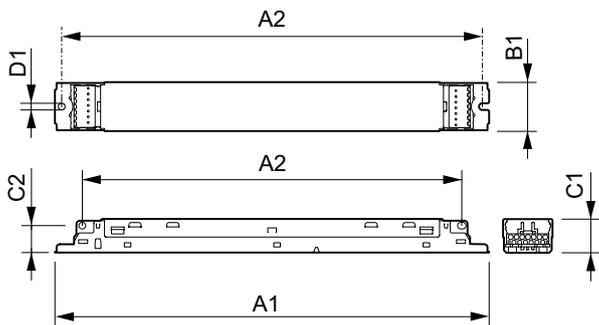
Ingress protection code	IP20 [Finger-protected]
Surge Protection (Common/Differential)	EN61547 (L-L 1kV, L-G 2kV) kV
Relative Humidity (Operation) (Max)	90 %
Isolation Classification	No
Short Circuit Protection	Protected
Over Power Protection	Protected
Open Circuit Protection	Protected
Approval Marks	CCC certificate CE marking ENEC certificate RCM compliance REACH compliance RoHS compliance
Corridor Mode	True
Output Current Set Options	Programmable,Rset2
Protection class IEC	Safety class I

Product Data

Order product name	Xitanium 75W 0.12-0.4A 215V TD 230V
Full product name	Xitanium 75W 0.12-0.4A 215V TD 230V
Full product code	871829168402200
Order code	929000852103
Material Nr. (12NC)	929000852103
Net Weight (Piece)	0.250 kg
EAN/UPC - Product/Case	8718291684022
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291684039

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Dimensional drawing



Product	A1	B1	C1	D1	A2
Xtanium 75W 0.12-0.4A 215V TD 230V	360 mm	30 mm	22 mm	4.1 mm	350 mm

