

# PHILIPS

# Lighting



## Xitanium LED linear drivers – non-isolated

### Xitanium 75W 0.12-0.4A 220V 1-10V 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 (LN-Earth) at 5 kA (Max)	
Nominal lifetime	50,000 hour(s)		2 kV
Lighting Technology	LED	Input current (AC)	0.38 mA
Operating and Electrical		Input current (DC)	0.38
Line Frequency	50 to 60 Hz	Inrush Current Peak (Max)	17 A
Input Frequency	50 to 60 Hz	Output Power (Max)	75 W
Mains voltage operation (DC)	168-275 V	Default output current	120 mA
Total Harmonic Distortion IEC (Max)	20 %	Inrush Current Width to 50% of Peak	296 $\mu$ s
Output Current Ripple (Max)	4 %	Power Factor 100% Load (Max)	0.9
Maximum Efficiency at Full Load	91.9 %	Energy Metering	No
Output Current (Max)	400 mA	Constant Current (CC)	True
Output Current Tolerance (Max)	5 %	Constant Voltage (CV)	False
Mains voltage performance (DC)	186-250 V	Diagnostics	False
Power Factor (Fraction)	0.9	Output Power (Min)	21 W
Open Circuit Voltage (DC) (Max)	250 V	Output Current (Min)	120 mA
Protection Level Up (L-N) at 5 kA (Max)	1 kV	Output Voltage (Max)	220 V
		Output Voltage (Min)	100 V

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Number of Products on MCB (16A Type-C) (Max)	24 piece/unit
<b>Wiring</b>	
Connector Type Input Terminals	Wago 744
Hot Wiring	no
Connector Type Output Terminals	Wago 744
Output Wire Cross Section (Max)	1.5 mm <sup>2</sup>
Output Wire Cross Section (Min)	0.5 mm <sup>2</sup>
Cable Length From Device to Lamp	4 m
Input Wire Gauge	16-20
Input wire strip length	8 mm to 9 mm mm
Input Wire Cross Section (Max)	1.5 mm <sup>2</sup>
Input Wire Cross Section (Min)	0.5 mm <sup>2</sup>
Output wire strip length	8 mm to 9 mm mm
<b>System characteristics</b>	
Central DC Operation	Yes
YellowDot ready	No
<b>Temperature</b>	
Ambient temperature range	-20 °C to 50 °C
T-Case Lifetime (Max)	75 °C
T-Case Maximum (Max)	75 °C
Module Temperature Protection	no
Maximum case temperature (in case of failure)	110 °C
<b>Controls and Dimming</b>	
Dimmable	1-10V
Dimming Range	100-10 %
D4i compliant	No
DynaDimmer	No
Constant light output	No

<b>Mechanical and Housing</b>	
Product Length	280 mm
Housing	Office 280x30x21 7p7p 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
<b>Approval and Application</b>	
Ingress protection code	IP20 [Finger-protected]
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
<b>Product Data</b>	
Full product code	871869646968200
Order product name	Xitanium 75W 0.12-0.4A 220V 1-10V 230V
Order code	46968200
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	24
Material Nr. (12NC)	929000953706
Full product name	Xitanium 75W 0.12-0.4A 220V 1-10V 230V
EAN/UPC - Case	8718696469699

