

# PHILIPS

# Lighting



## Xitanium LED linear drivers – isolated

### Xitanium 44W 0.9/1.05A 42V 13 230V

Xitanium isolated drivers are ideal for professional low voltage (LV) linear office systems. The isolated drivers are available in DALI dimmable and programmable, 1-10V dimmable, fixed output and single current versions. They offer ease of design-in and make the approbation process simpler. The DALI drivers and new fixed output drivers feature SimpleSet technology, low output current ripple of 4% for high and low frequencies and low standby specifications. The low output current ripple ensures no interference with security-, cell phone- or web cameras and scanners.

#### Product data

General Information	
Nominal lifetime	50,000 hour(s)
Lighting Technology	LED
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Total Harmonic Distortion IEC (Max)	0 %
Output Current Ripple (Max)	4 %
Maximum Efficiency at Full Load	85 %
Output Current (Max)	1050 mA
Output Current Tolerance (Max)	8 %
Power Factor (Fraction)	0
Open Circuit Voltage (DC) (Max)	60 V
Protection Level Up (L-N) at 5 kA (Max)	1 kV
Protection Level Up (LN-Earth) at 5 kA (Max)	2 kV
Input current (AC)	0.2 mA
Input current (DC)	0
Inrush Current Peak (Max)	18 A
Output Power (Max)	44 W
Default output current	900 mA
Inrush Current Width to 50% of Peak	240 µs
Power Factor 100% Load (Max)	0
Energy Metering	No
Constant Current (CC)	True
Constant Voltage (CV)	False
Diagnostics	False
Output Power (Min)	27 W
Output Current (Min)	900 mA
Output Voltage (Max)	42 V
Output Voltage (Min)	30 V
Number of Products on MCB (16A Type-C) (Max)	28 piece/unit
Wiring	
Connector Type Input Terminals	Wago 744

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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	0.6 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

### System characteristics

Central DC Operation	No
YellowDot ready	No

### Temperature

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

### Controls and Dimming

Dimmable	No
D4i compliant	No
DynaDimmer	No
Constant light output	No

### Mechanical and Housing

Product Length	250 mm
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Housing	Linear 350x48.6x13 3p3p
Overall length	250 mm
Overall width	48.6 mm
Overall height	13 mm
Dimensions (Height x Width x Depth)	13 x 49 x 250 mm

### Approval and Application

Ingress protection code	IP20 [Finger-protected]
Isolation Classification	SELV
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	Manual
Protection class IEC	Safety class I

### Product Data

Full product code	694793914483900
Order product name	Xitanium 44W 0.9/1.05A 42V 13 230V
Order code	14483900
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929001425480
Full product name	Xitanium 44W 0.9/1.05A 42V 13 230V
EAN/UPC - Case	6947939144846

