

PHILIPS

Lighting



Xitanium LED linear drivers – isolated

Xitanium 36W 0.3-1A 54V TD 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
Mains voltage operation (DC)	168-275 V
Total Harmonic Distortion IEC (Max)	20 %
Output Current Ripple (Max)	4 %
Maximum Efficiency at Full Load	87 %
Output Current (Max)	1000 mA
Output Current Tolerance (Max)	5 %
Mains voltage performance (DC)	186-250 V
Power Factor (Fraction)	0.9
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)	0.2
Inrush Current Peak (Max)	26 A
Output Power (Max)	36 W
Default output current	300 mA
Inrush Current Width to 50% of Peak	140 μs
Power Factor 100% Load (Max)	0.9
Energy Metering	Yes
Constant Current (CC)	True
Constant Voltage (CV)	False
Diagnostics	True
Output Power (Min)	10 W
Output Current (Min)	300 mA
Output Voltage (Max)	54 V
Output Voltage (Min)	27 V

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Number of Products on MCB (16A Type-C) (Max)	36 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 Maximum (Max)	75 °C
Module Temperature Protection	no
Maximum case temperature (in case of failure)	110 °C
Controls and Dimming	
Dimmable	DALI
Dimming Range	100-1%
D4i compliant	No
DynaDimmer	No
Constant light output	Programmable

Mechanical and Housing	
Product Length	360 mm
Housing	Office 360x30x21 7p6p NFC
Overall length	360 mm
Overall width	30 mm
Overall height	21 mm
Dimensions (Height x Width x Depth)	21 x 30 x 360 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	LEDset,Programmable,SimpleSet
Protection class IEC	Safety class I
Product Data	
Full product code	871869655264300
Order product name	Xitanium 36W 0.3-1A 54V TD 230V
Order code	55264300
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	24
Material Nr. (12NC)	929001503606
Full product name	Xitanium 36W 0.3-1A 54V TD 230V
EAN/UPC - Case	8718696552650

