

PHILIPS

Lighting



Xitanium LED linear drivers – isolated

Xitanium 36W 0.3-1.0A 54V 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	100,000 hour(s)	Input current (AC)	0.2 mA
Lighting Technology	LED	Input current (DC)	0.17
		Inrush Current Peak (Max)	14.1 A
		Output Power (Max)	36 W
		Default output current	300 mA
Operating and Electrical		Inrush Current Width to 50% of Peak	240 μ s
Line Frequency	50 to 60 Hz	Power Factor 100% Load (Max)	0.9
Input Frequency	50 to 60 Hz	Energy Metering	No
Mains voltage operation (DC)	168-275 V	Constant Current (CC)	True
Total Harmonic Distortion IEC (Max)	20 %	Constant Voltage (CV)	False
Output Current Ripple (Max)	4 %	Diagnostics	True
Maximum Efficiency at Full Load	88.2 %	Output Power (Min)	11 W
Output Current (Max)	1000 mA	Output Current (Min)	300 mA
Output Current Tolerance (Max)	5 %	Output Voltage (Max)	54 V
Mains voltage performance (DC)	186-250 V	Output Voltage (Min)	27 V
Power Factor (Fraction)	0.9	Number of Products on MCB (16A Type-C)	35 piece/unit
Open Circuit Voltage (DC) (Max)	60 V	(Max)	
Protection Level Up (L-N) at 5 kA (Max)	1 kV		
Protection Level Up (LN-Earth) at 5 kA (Max)	2 kV		

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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	0.6 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)	65 °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	360 mm

Housing	Office 360x30x21 3p7p SideM
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	False
Output Current Set Options	LEDset
Protection class IEC	Safety class I/II

Product Data	
Order product name	Xitanium 36W 0.3–1.0A 54V 230V
Full product name	Xitanium 36W 0.3–1.0A 54V 230V
Full product code	871869975617800
Order code	929001694106
Material Nr. (12NC)	929001694106
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699756178
Numerator - Packs per outer box	24
EAN/UPC - Case	8718699756185

