Xitanium LED linear drivers – non-isolated

Xitanium 35W 0.08–0.35A 220V TD16 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	
Nominal lifetime	100,000 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	90.9 %
Output Current (Max)	350 mA
Output Current Tolerance (Max)	5 %
Mains voltage performance (DC)	186–250 V
Power Factor (Fraction)	0.9
Open Circuit Voltage (DC) (Max)	250 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)	0.18 mA
Input current (DC)	0.22
Inrush Current Peak (Max)	19.4 A
Output Power (Max)	35 W
Default output current	80 mA
Inrush Current Width to 50% of Peak	200 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)	80 mA

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Output Voltage (Max)	220 V
Output Voltage (Min)	50 V
Number of Products on MCB (16A Type-C) (Max)	30 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 mm²
Output Wire Cross Section (Min)	0.5 mm²
Cable Length From Device to Lamp	2 m
Input Wire Gauge	16-20
Input wire strip length	8 mm to 9 mm
Input Wire Cross Section (Max)	1.5 mm²
Input Wire Cross Section (Min)	0.5 mm²
Output wire strip length	8 mm to 9 mm

System characteristics

Central DC Operation	Yes
YellowDot ready	No

Temperature

Ambient temperature range	-25 °C to 50 °C
T-Case Lifetime (Max)	70 °C
T-Case Maximum (Max)	80 °C
Module Temperature Protection	no
Maximum case temperature (in case of failure)	110 °C

Controls and Dimming

Dimming Range	100-1 %
D4i compliant	No
Dimmable	DALI
DynaDimmer	No
Constant light output	Programmable

Mechanical and Housing

Product Length	280 mm
Housing	Office 280x30x16 7p4p NFC
Overall length	280 mm
Overall width	30 mm
Overall height	16 mm
Dimensions (Height x Width x Depth)	16 x 30 x 280 mm

Approval and Application

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,Programmable,SimpleSet
Protection class IEC	Safety class I

Product Data

Order product name	Xitanium 35W 0.08-0.35A 220V TD16 230V
Full product name	Xitanium 35W 0.08-0.35A 220V TD16 230V
Full product code	871869965359000
Order code	929001681406
Material Nr. (12NC)	929001681406
Numerator – Quantity Per Pack	1
Net Weight (Piece)	0.180 kg
EAN/UPC – Product/Case	8718699653590
Numerator – Packs per outer box	24
EAN/UPC – Case	8718699653606

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2024, June 3 – data subject to change