



Xitanium Constant Current Xtreme

XITANIUM 27W 1.0A 230V Prog-J sXt

Xitanium Xtreme LED drivers provide constant current output, optimal for a single string of LEDs. With exceptional operating efficiency, our drivers significantly reduce energy costs. The Xitanium Xtreme portfolio offers both central and standalone dimming protocols further increasing the energy savings and CO2 reductions achieved with LED lighting. The fully programmable drivers deliver all dimming options and a range of currents in a single driver. System reliability is maximized with intelligent temperature monitoring of the LED light engine. The full portfolio offers maximum flexibility with customizable operating settings, delivering optimal performance tailored for each design.

Product data

General Information		Input Voltage (AC)	
Constant light output	Programmable		220-240 V
Operating and Electrical		Mains voltage performance (DC)	
Input Frequency	50 to 60 Hz	Power Factor 50% Load (Min)	0.96
Mains voltage operation (DC)	168-275 V	Open Circuit Voltage (DC) (Max)	60 V
Total Harmonic Distortion IEC (Max)	20 %	Input Current (Max)	160 mA
Output Current Ripple (Max)	5 %	Input Power (Nom)	33 W
Output Current Ripple (Nom)	30 %	Output Power (Max)	27 W
Maximum Efficiency	85 %	Output Power (Nom)	16 W
Power Factor 100% Load (Min)	0.98	Output Voltage	10-38 V
Power Factor 100% Load (Nom)	0.98	Default output current	70-1000 mA
Output Current (Max)	1000 mA	Energy Metering	True
Output Current (Nom)	550 mA	Constant Current (CC)	True
Output Current Tolerance (Max)	5 %	Constant Voltage (CV)	False
Output Current Tolerance (Min)	-5 %	Diagnostics	False

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Wiring

Control Wire Length	270 mm
Output Wire Length	500 mm
Control Wire Cross Section (Nom)	0.82 mm ²
Cable Length From Device to Lamp	100 m
Output Wire Cross Section (Nom)	0.82 mm ²
Input Wire Cross Section (Nom)	0.82 mm ²

Temperature

T-Ambient (Max)	55 °C
T-Ambient (Min)	-40 °C
T-Case Lifetime (Nom)	72 °C
T-Case Maximum (Max)	80 °C
Module Temperature Protection	Programmable
T-Case Switch Off (Nom)	92 °C
Maximum case temperature (in case of failure)	100 °C

Controls and Dimming

Dimmable	Yes
Control Interface	DALI/LineSwitch/Dynadimmer
Dimming Range	100-7 %
Lumistep Dimming Time	-
Lumistep Dimming Time After Midpoint	-

Mechanical and Housing

Housing Color	Black
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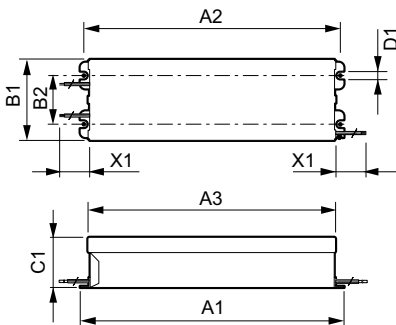
Approval and Application

Surge Protection (Common/Differential)	EN61547 (L-L 4kV, L-G 4kV) kV
Relative Humidity (Operation) (Max)	90 %
Relative Humidity (Operation) (Min)	10 %
IP Classification	-
Isolation Classification	SELV
Approval Marks	ENEC certificate CE marking RoHS compliance SELV
Output Insulation	Double or reinforced insulated
Corridor Mode	False
Output Current Set Options	No

Product Data

Full product code	871829170729500
Order product name	XITANIUM 27W 1.0A 230V Prog-J sXt
EAN/UPC - Product	8718291707295
Order code	929000712303
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	929000712303
Net Weight (Piece)	0.382 kg

Dimensional drawing



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Product	A2	B2	C1	A1	A3	X1	B1
XITANIUM 27W 1.0A 230V Prog-J sXt	144.2	27.4	28.3	148.2	139.3	270	45.6
	mm	mm	mm	mm	mm	mm	mm

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