



Xitanium LED linear drivers - SR

XI 75W 0.15-0.7A 220V SR FLEXTUNE 230V

Xitanium SR drivers are at the heart of any connected indoor lighting system. These intelligent, SR drivers standardize the connection between driver and sensor, eliminating the need for separate components or modules and ensuring compatibility. Our Xitanium LED linear LED SR drivers not only provide power conversion for LED lighting, but they also feature integrated power supplies and energy metering, enabling users to deliver actionable operational data such as energy consumption. Equally beneficial are the integrated sensor controllers, which provide daylight harvesting and occupancy patterns to a building management system, without the need for additional external components. Collectively they help bring connectivity and expanded functionality to luminaires.

Product data

General Information		Power Factor (Fraction)	
Nominal lifetime	100,000 hour(s)		0.9
Lighting Technology	LED	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)	0.4 mA
		Input current (DC)	0.48
		Inrush Current Peak (Max)	29.6 A
		Output Power (Max)	75 W
		Default output current	150 mA
		Inrush Current Width to 50% of Peak	356 μ s
		Power Factor 100% Load (Max)	0.9
		Energy Metering	Yes
		Constant Current (CC)	True
		Constant Voltage (CV)	False
		Diagnostics	True
Operating and Electrical			
Line Frequency	50 to 60 Hz		
Input Frequency	50 to 60 Hz		
Mains voltage operation (DC)	168-277 V		
Total Harmonic Distortion IEC (Max)	20 %		
Power Consumption	99 W		
Output Current Ripple (Max)	4 %		
Maximum Efficiency at Full Load	87.9 %		
Output Current (Max)	700 mA		
Output Current Tolerance (Max)	5 %		
Mains voltage performance (DC)	186-252 V		

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Output Power (Min)	21 W
Output Current (Min)	150 mA
Output Voltage (Max)	220 V
Output Voltage (Min)	50 V
Number of Products on MCB (16A Type-C) (Max)	16 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	0.8 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)	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	DALI
Dimming Range	100-1 %
D4i compliant	Yes
DynaDimmer	No

Constant light output	Programmable
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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	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

Full product code	871869975309200
Order product name	XI 75W 0.15-0.7A 220V SR FLEXTUNE 230V
Order code	929001693806
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	24
Material Nr. (12NC)	929001693806
Full product name	XI 75W 0.15-0.7A 220V SR FLEXTUNE 230V
EAN/UPC - Case	8718699753108

