



Xitanium LED drivers - programmable

Xitanium 300W 1.5A Prog+ GL-R sXt

Our Xitanium programmable Xtreme LED drivers with global input voltage (UL, ENEC) are designed to deliver high performance, protection and configurability. The Xtreme technology ensures maximum robustness and protection with a very long lifetime. Configuration of programmable drivers can be done via DALI and the MultiOne software.

Product data

General Information			
Nominal lifetime	100,000 hour(s)	Output Power (Nom)	300 W
Lighting Technology	LED	Default output current	1000 mA
		Inrush Current Width to 50% of Peak	220 µs
		Power Factor 100% Load (Max)	0.98
		Energy Metering	No
Operating and Electrical		Constant Current (CC)	True
Mains voltage operation (DC)	168-275 V	Constant Voltage (CV)	False
Total Harmonic Distortion IEC (Max)	10 %	Diagnostics	True
Power Consumption	330 W	Output Power (Min)	8 W
Output Current Ripple (Max)	15 %	Output Current (Min)	100 mA
Maximum Efficiency at Full Load	93 %	Output Voltage (Max)	280 V
Output Current (Max)	1500 mA	Output Voltage (Min)	80 V
Output Current Tolerance (Max)	5 %	Number of Products on MCB (16A Type B)	3
Mains voltage performance (DC)	186-250 V	(Max)	
Power Factor (Fraction)	0.98	Protection class IEC	Safety class I/II
Open Circuit Voltage (DC) (Max)	310 V	Surge Protection (Common/Differential)	4/4 kV kV
Input current (AC)	1.48 mA		
Input current (DC)	1.8	Wiring	
Inrush Current Peak (Max)	170 A	Hot Wiring	No
Inrush Current Peak (Nom)	170 A	Control Wire Cross Section (Max)	0.82 mm²
Output Power (Max)	300 W		

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Control Wire Cross Section (Min)	0.82 mm ²
Output Wire Cross Section (Max)	0.82 mm ²
Output Wire Cross Section (Min)	0.82 mm ²
Cable Length From Device to Lamp	10 m
Input wire strip length	8 mm to 12 mm
Input Wire Cross Section (Max)	0.82 mm ²
Input Wire Cross Section (Min)	0.82 mm ²
Output wire strip length	8 mm to 12 mm

System characteristics

Central DC Operation	Yes
YellowDot ready	No

Temperature

T-Case Lifetime (Max)	65 °C
T-Case Maximum (Max)	80 °C
Module Temperature Protection	True
Maximum case temperature (in case of failure)	80 °C

Controls and Dimming

Control Interface	1-10V AmpDimer DALI DynaDimmer
Dimming Range	100-10 %
D4i compliant	No
DynaDimmer	No
Constant light output	Programmable

Mechanical and Housing

Product Length	240.5 mm
Housing	R-can 240x118x75
Overall length	240.5 mm
Overall width	118.3 mm

Overall height	38.2 mm
Dimensions (Height x Width x Depth)	38 x 118 x 241 mm
Ingress protection code	IP20 [Finger-protected]
Net Weight (Piece)	1.597 kg

Approval and Application

Relative Humidity (Operation) (Max)	90 %
Relative humidity (storage)	5-95 %
Isolation Classification	Class I and Class II
Short Circuit Protection	Protected
Over Power Protection	Protected
Open Circuit Protection	Protected
Approval Marks	CE marking DALI 2 Double-insulated Built-In EAC ENEC certificate Type HL UA UL Recognized WEEE
Corridor Mode	False
Output Current Set Options	Programmable
Ambient temperature range	-40 °C to 55 °C

Product Data

Order product name	Xitanium 300W 1.5A Prog+ GL-R sXt
Full product name	Xitanium 300W 1.5A Prog+ GL-R sXt
Full product code	871869643678300
Order code	929000712703
Material Nr. (12NC)	929000712703
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696436783
Numerator - Packs per outer box	4
EAN/UPC - Case	8718696436790

