



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)
Lighting Technology	LED
Operating and Electrical	
Mains voltage operation (DC)	168-275 V
Total Harmonic Distortion IEC (Max)	10 %
Power Consumption	330 W
Output Current Ripple (Max)	15 %
Maximum Efficiency at Full Load	93 %
Output Current (Max)	1500 mA
Output Current Tolerance (Max)	5 %
Mains voltage performance (DC)	186-250 V
Power Factor (Fraction)	0.98
Open Circuit Voltage (DC) (Max)	310 V
Input current (AC)	1.48 mA
Input current (DC)	1.8
Inrush Current Peak (Max)	170 A
Inrush Current Peak (Nom)	170 A
Output Power (Max)	300 W

Output Power (Nom)	300 W
Default output current	1000 mA
Inrush Current Width to 50% of Peak	220 µs
Power Factor 100% Load (Max)	0.98
Energy Metering	No
Constant Current (CC)	True
Constant Voltage (CV)	False
Diagnostics	True
Output Power (Min)	8 W
Output Current (Min)	100 mA
Output Voltage (Max)	280 V
Output Voltage (Min)	80 V
Number of Products on MCB (16A Type B) (Max)	3
Protection class IEC	Safety class I/II
Surge Protection (Common/Differential)	4/4 kV kV
Wiring	
Hot Wiring	No
Control Wire Cross Section (Max)	0.82 mm²

Xitanium LED drivers - programmable

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	43678300
Material Nr. (12NC)	929000712703
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696436783
Numerator - Packs per outer box	4
EAN/UPC - Case	8718696436790

