PHILIPS

Lighting



Xitanium LED drivers - programmable

XITANIUM 100W 0.7A PROG+ GL-Z 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	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Total Harmonic Distortion IEC (Max)	20 %
Power Consumption	115 W
Output Current Ripple (Max)	4 %
Maximum Efficiency at Full Load	91.5 %
Output Current (Max)	700 mA
Output Current (Nom)	100-700 mA
Output Current Tolerance (Max)	5 %
Output Current Tolerance (Min)	-5 %
Power Factor 50% Load (Min)	0.94
Earth Leakage Current (Max)	0.35 mA
Open Circuit Voltage (DC) (Max)	200 V
Input Current (Max)	480 mA
Inrush Current Peak (Max)	80 A
Output Power (Max)	100 W
Output Power (Nom)	35-100 W
Inrush Current Width to 50% of Peak	150 µs
Diagnostics	True
Output Power (Min)	3.4 W
Output Current (Min)	47 mA
Output Voltage (Max)	143 V
Output Voltage (Min)	71 V
Number of Products on MCB (16A Type B) (Max)	9

Wiring	
Output Wire Length	275 mm
Input Wire Cross Section (Nom)	0.82 mm²

System characteristics	
Central DC Operation	No
YellowDot ready	No

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Temperature	
Ambient temperature range	-40 °C to 55 °C
T-Case Lifetime (Max)	70 °C
T-Case Lifetime (Nom)	66 °C
T-Case Maximum (Max)	80 °C
Module Temperature Protection	Programmable
T-Case Switch Off (Nom)	85 °C

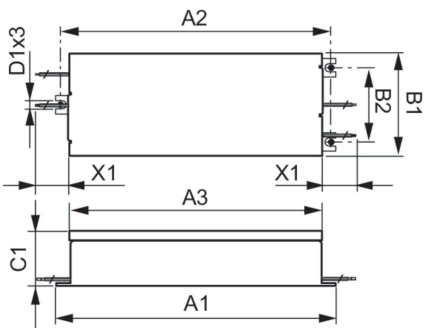
Controls and Dimming	
Dimmable	Yes
Control Interface	1-10V/AmpDim/DALI/Dynadimmer
Dimming Range	100-10 %
D4i compliant	No
DynaDimmer	Yes
Constant light output	Yes

Mechanical and Housing	
Housing Color	Black
Product Length	165 mm
Housing	Z-can 165x70x50
Overall length	165 mm
Overall width	70 mm
Overall height	38 mm
Dimensions (Height x Width x Depth)	38 x 70 x 165 mm

Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Surge Protection (Common/Differential)	4/4 kV
Isolation Classification	Class I and Class II
Approval Marks	CCC certificate CE marking CB Certificate ENEC certificate UL certificate
Output Current Set Options	DALI
Protection class IEC	Safety class I/II

Product Data	
Order product name	XITANIUM 100W 0.7A PROG+ GL-Z sXt
Full product name	XITANIUM 100W 0.7A PROG+ GL-Z sXt
Full product code	871829124519300
Order code	24519300
Material Nr. (12NC)	929000708703
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291245193
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291245209

Dimensional drawing



Product	D1	A2	B2	C1	A1	A3	X1	B1
XITANIUM 100W 0.7A PROG+ GL-Z sXt	5.5 mm	155 mm	50 mm	38 mm	165 mm	147.4 mm	275 mm	70 mm

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