



Xitanium LED drivers - basic programmable

Xi BP 22W 0.2-0.7A S 230V C123 sXt

Philips Xitanium basic programmable LED drivers offer a basic feature set and high performance, making them a preferred choice for various outdoor applications. The portfolio offers flexibility with a customizable operating window, enabling differentiation in LED lighting designs via system tuning and being prepared for LED efficacy upgrades. In this product family Philips offers drivers in compact form factors with a basic feature set, which offer high value for both OEM customers and end-users. The key features AOC (adjustable output current) and OWP (Over Write Protection) are programmable via SimpleSet, an easy and fast way to configure the driver without the need to power the driver. A great combination with MultiOne basic configuration software. The products can replace the existing single current outdoor LED drivers and will bring significant improvement in programming, assembly into a luminaire, electrical performance, and less variety in logistical codes.

Product data

General Information	
Nominal lifetime	100,000 hour(s)
Lighting Technology	LED
Operating and Electrical	
Output Current Ripple (Max)	4 %
Maximum Efficiency at Full Load	85 %
Output Current (Max)	700 mA
Open Circuit Voltage (DC) (Max)	70 V
Inrush Current Peak (Max)	11.5 A
Output Power (Max)	22 W
Inrush Current Width to 50% of Peak	220 µs
Diagnostics	False

Output Power (Min)	6 W
Output Current (Min)	200 mA
Output Voltage (Max)	48 V
Output Voltage (Min)	16 V
System characteristics	
Central DC Operation	No
YellowDot ready	No
Temperature	
T-Case Lifetime (Max)	75 °C
T-Case Maximum (Max)	85 °C

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Controls and Dimming

Dimmable	No
D4i compliant	No
DynaDimmer	No
Constant light output	Yes

Mechanical and Housing

Product Length	123 mm
Housing	C123_BP
Overall length	123 mm
Overall width	79 mm
Overall height	31 mm
Dimensions (Height x Width x Depth)	31 x 79 x 123 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 10 kV common mode

Isolation Classification	Class I and Class II
Approval Marks	CCC certificate CE marking CB Certificate ENEC certificate
Output Current Set Options	SimpleSet
Protection class IEC	Safety class I/II

Product Data

Full product code	871869967025200
Order product name	Xi BP 22W 0.2-0.7A S 230V C123 sXt
Order code	67025200
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	929001499306
Full product name	Xi BP 22W 0.2-0.7A S 230V C123 sXt
EAN/UPC - Case	8718699670269

