

PHILIPS

Lighting



Xitanium LED drivers - 1-10V dimmable

Xitanium Dim 250W 0.7A 1-10V 230V Q

Philips Xitanium Xtreme single current LED drivers bring performance, value for money, long life, and reliability to demanding outdoor and industrial LED lighting applications. Ideal for road lighting, urban street lighting, area and flood lighting, high-bay lighting and tunnels. They are designed to be easy to integrate into your luminaires. The light output is fully adjustable via 1 to 10 V analog dimming interface.

Product data

General Information	
Lighting Technology	LED
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Output Current Ripple (Max)	15 %
Maximum Efficiency at Full Load	93 %
Output Current (Max)	700 mA
Output Current (Nom)	700 mA
Output Current Tolerance (Max)	5 %
Output Current Tolerance (Min)	-5 %
Power Factor (Fraction)	0.95
Input Current (Nom)	1.245 A
Inrush Current Peak (Max)	53.4 A
Output Power (Nom)	124.6-250 W
Default output current	700 mA
Inrush Current Width to 50% of Peak	482 µs
Energy Metering	No
Constant Current (CC)	True

Constant Voltage (CV)	False
Diagnostics	False
Output Current (Min)	700 mA
Output Voltage (Max)	357 V
Output Voltage (Min)	178 V
Number of Products on MCB (16A Type B) (Max)	4

Wiring

Connector Type Input Terminals	cable
Hot Wiring	No
Connector Type Output Terminals	cable
Output Wire Cross Section (Max)	1.5 mm ²
Output Wire Cross Section (Min)	0.25 mm ²
Cable Length From Device to Lamp	0.6 m
Input wire strip length	9 mm to 10 mm mm
Input Wire Cross Section (Max)	1.5 mm ²
Input Wire Cross Section (Min)	0.25 mm ²
Output wire strip length	9 mm to 10 mm mm

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Temperature	
Ambient temperature range	-40 °C to 55 °C
T-Case Lifetime (Nom)	70 °C
T-Case Maximum (Max)	80 °C

Controls and Dimming	
Dimmable	Yes
Control Interface	1-10V
Dimming Range	100-10 %

Mechanical and Housing	
Housing	Q-can

Approval and Application	
Surge Protection (Common/Differential)	4/4 kV
Relative Humidity (Operation) (Max)	95 %
Relative humidity (storage)	10-95 %
Isolation Classification	Class I

Short Circuit Protection	Protected
Over Power Protection	Protected
Open Circuit Protection	Protected
Approval Marks	CCC certificate CE marking
Corridor Mode	False

Product Data	
Full product code	694793916957300
Order product name	Xitanium Dim 250W 0.7A 1-10V 230V Q
Order code	929000838508
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	9
Material number (12NC)	929000838508
Full product name	Xitanium Dim 250W 0.7A 1-10V 230V Q
EAN/UPC - Case	6947939169580

