



Xitanium Constant Current Xtreme

Xitanium 150W 1.05A 1-10V 230V sXt

Xitanium Xtreme LED drivers provide constant current output, optimal for a single string of LEDs. With exceptional operating efficiency, our drivers significantly reduce energy costs. The Xitanium Xtreme portfolio offers both central and standalone dimming protocols further increasing the energy savings and CO2 reductions achieved with LED lighting. The fully programmable drivers deliver all dimming options and a range of currents in a single driver. System reliability is maximized with intelligent temperature monitoring of the LED light engine. The full portfolio offers maximum flexibility with customizable operating settings, delivering optimal performance tailored for each design.

Product data

• General Information

Number Of Products On MCB (16A Type B) (Max) 8

• Operating and Electrical

Input Frequency 50 to 60 Hz
 Total Harmonic Distortion IEC (Max) 20 %
 Output Current Ripple (Nom) 30 %
 Maximum Efficiency 93 %
 Power Factor 100% Load (Min) 0.98
 Output Current (Nom) 1050 mA
 Input Voltage (AC) Power Factor 50% Load (Min) 0.96
 Earth Leakage Current (Max) 0.7 mA
 Input Current (Max) 1370 mA
 Input Power (Nom) 165 W
 Inrush Current Peak (Max) 105 A
 Output Power (Nom) 42-150 W
 Output Voltage 40-140 V
 Inrush Current Width To 50% Of Peak 160 μs

• Wiring

Control Wire Length 270 mm
 Output Wire Length 270 mm
 Control Wire Cross Section (Nom) 0.82 mm²
 Output Wire Cross Section (Nom) 0.82 mm²
 Input Wire Cross Section (Nom) 0.82 mm²

• Temperature

T-Ambient (Max) 55 °C
 T-Ambient (Min) -40 °C
 T-Case Lifetime (Nom) 67 °C
 T-Case Maximum (Max) 80 °C
 Module Temperature Protection -
 T-Case Switch Off (Nom) 80 °C

• Controls and Dimming

Control Interface 1-10V
 Dimming Range 100-10 %
 Lumistep Dimming Time -
 Lumistep Dimming Time After Midpoint -

PHILIPS

Xitanium Constant Current Xtreme

Mechanical and Housing

Housing Color Black

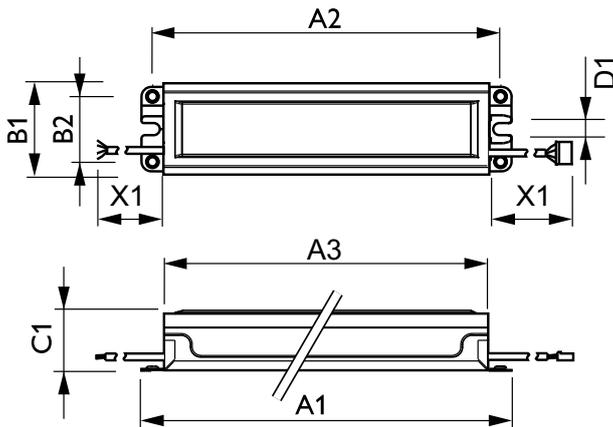
Approval and Application

Surge Protection (Common/Differential) 3/3 kV
 IP Classification IP 66 [Ingress Protection 66]
 Isolation Classification Class II
 Approval Marks ENEC certificate
 CE marking
 RoHS compliance

Product Data

Full product code 871829112343900
 Order product name Xitanium 150W 1.05A 1-10V 230V sXt
 EAN/UPC - Product 8718291999805
 Order code 929000704712
 Numerator - Quantity Per Pack 1
 Numerator - Packs per outer box 10
 Material Nr. (12NC) 929000704712
 Net Weight (Piece) 0.920 kg

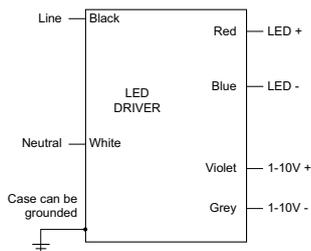
Dimensional drawing



Xitanium 75 & 150 W sXt

Xitanium 150W 1.05A 1-10V 230V sXt

Product	D1	A2	B2	C1	A1	A3	X1	B1
Xitanium 150W 1.05A 1-10V 230V sXt	8 mm	226.2 mm	42.9 mm	37.1 mm	240.5 mm	211.1 mm	270 mm	59.1 mm



Xitanium 75W 0.70A 1-10V & 150W 1.05A 1-10V sXt



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 data subject to change