



Xitanium/Fortimo LED Drivers Indoor

Xitanium 36W/0.12-0.4A 110V 230V

The new Fortimo and Xitanium electronic LED drivers are specially designed to operate LED solutions for general lighting applications. There are Xitanium LED driver versions in 17W / 24V, 25W / 36V and 45W / 80V. There are fixed-output and dimmable (trailing edge and Touch & DALI) versions. The high output voltage (up to 80V) and adjustable output current (200 to 700mA) enable operation of many LEDs (high light output) and flexibility in LED fixture design. The output current can be set by placing a resistor on your LED PCB (Level 2 board). The new housing design incorporates three different mounting options: independent, screw and click mounting. The 25W and 45W versions also feature a 12V output to operate active cooling or decorative LED light effects. The Xitanium LED driver 45W/80V is available in fixed-output version in an independent housing.

Product data

• General Characteristics

Housing	L280x30x22
Lifetime	50000 hr
Input Frequency	50/60 Hz
Relative Humidity	10 (min), 90 (max) %
IP Classification	20
Lifetime 90% surv.@Tcaselife	50000 hr
System Description	-

• Operating Characteristics

12V output	No
Ripple current	20 (max) %
Efficiency Range	89 %
Power Factor Range	0.9
Output Power Range	10-36 W
Power Factor (100% load)	0.9 (min) -
Input Power max	43 W
Output Voltage Range	50-110 V
Output Current Range (mA)	120-400
Total Harmonic Distortion IEC	20 (max) %
Dimmable	No
Input Voltage Range (DC)	168-275 V
Inrush Current Peak	13 (max) A
Output Current Tolerance	-5 (min), 5 (max) %
Inrush Current	250 us
Width to 50%	
Input Voltage Range (AC)	202-254 V
Earth leakage current	0.7 (max) mA

Max drivers on MCB(16A type-B)	38 (min) x
Control input protection	Yes (Basic insulation)

• Wiring Characteristics

Connection on driver to L2	WAGO 744
Hot wiring	No
Connector type input terminal	Wago 744
Connector type output terminal	Wago 744

• Temperature Characteristics

T-case Lifetime	65 (max) C
T-case maximum	75 (max) C
T-ambient	-20 (min), 50 (max) C
T-Storage	-25 (min), 85 (max) C
Operating Temperature	-20 (min), 50 (max) C

• Product Dimensions

Length A1	280.0 mm
Width B1	30.0 mm
Height C1	22.0 mm
Screw Hole Diameter D1	4.1 mm
Fixing Hole Diameter D1	4.1 mm
Fixing Hole Distance Length A2	265.0 mm

PHILIPS

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• Approval&Application Chars

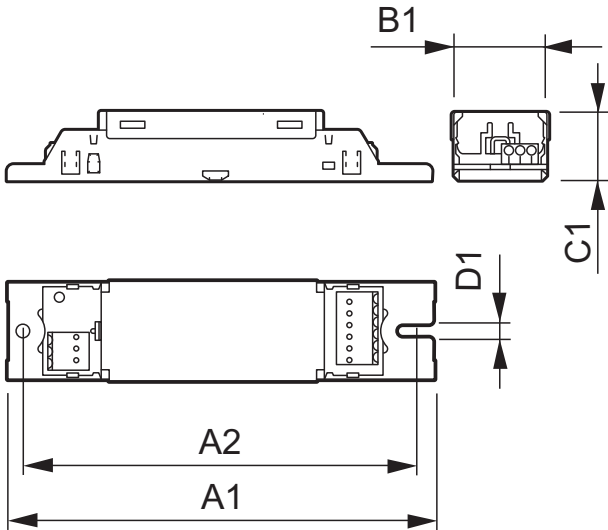
Isolation classification	Class I
ENEC certificate	Yes
CE marking	Yes

• Product Data

Order code	929000814503
Full product code	929000814503
Full product name	Xitanium 36W/0.12-0.4A 110V 230V
Order product name	Xitanium 36W/0.12-0.4A 110V 230V

Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8718291228110
Bar code on outerbox - EAN3	8718291228127
Logistic code(s) - 12NC	929000814503
Net weight per piece	0.195 kg

Dimensional drawing



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Product	A1 (Norm)	A2 (Norm)	A3 (Norm)	A4 (Norm)	B1 (Norm)	B2 (Norm)	C1 (Norm)	D1 (Norm)
Xitanium 36W/0.12-0.4A 110V 230V	280.0	265.0	-	-	30.0	-	22.0	4.1

14	Contr 1	LED +	1
13	Contr 2	LED -	2
12	.	NTC	3
11	.	SGND	4
10	Gnd	Rset2	5
9	N	SGND	6
8	L	.	7

Xitanium 36W/0.12-0.4A , 75W/0.12-0.4A



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data subject to change