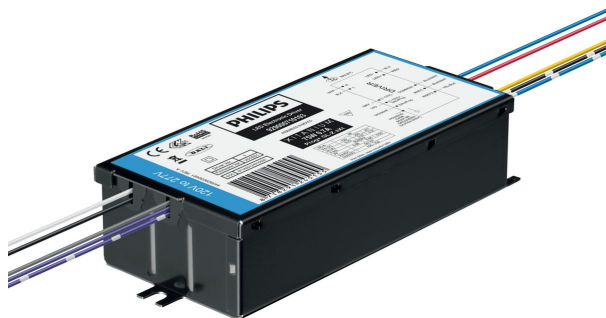




Xitanium Constant Current Xtreme

Xitanium 100W 0.7A Prog+ GL-Z 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 Characteristics

Input Frequency	50/60 Hz
IP Classification	-
Lifetime 90% surv.@Tcaselife	100000 hr
Housing Color	Black

• Operating Characteristics

Ripple current	30 %
Output Power Range	35-100 W
Power Factor (100% load)	0.97 (min) -
Input Power max	115 W
Output Voltage Range	94-189 V
Output Current Range (mA)	100-700
Total Harmonic Distortion IEC	20 (max) %
Dimming range	100-10 %
Constant Lumen Output	Programmable
Input Current max	480 (max) mA
Inrush Current Peak	80 (max) A
Output Current Tolerance	-5 (min), 5 (max) %
Inrush Current Width to 50%	150 us
Type of Dimming	1-10V/AmpDim/DALI/Dynadimmer
Input Voltage Range (AC)	120-277 V
Power Factor (dimmed 50%)	0.94 (min) -
Earth leakage current	0.35 (max) mA
Max drivers on MCB(16A type-B)	9 (max) x

Surge Protection (comm./diff.)	4/4 kV
LumiStep Dimming Time	-
LumiStep Time After Midpoint	-

• Wiring Characteristics

Connection on driver to L2	Wire
Input Wire Length	275 mm
Input Wire Diameter	0.82 mm2
Control Wire Diameter	0.82 mm2
Control Wire Length	275 mm
Output Wire Length	275 mm
Output Wire Diameter	0.82 mm2

• Temperature Characteristics

T-case Lifetime	66 C
T-case maximum	80 (max) C
T-ambient	-40 (min), 55 (max) C
Tc Thermal Cut off Driver	85 C
Tc Thermal Cut off Module	Programmable

• Product Dimensions

Length A1	165 mm
Length A3	147.4 mm
Width B1	70 mm
Height C1	38 mm

PHILIPS

Xitanium Constant Current Xtreme

Fixing Hole Diameter D1 5.5 mm
 Fixing Hole Distance Width B2 50 mm
 Fixing Hole Distance Length A2 155 mm
 Length Cable X1 275 mm

• Approval&Application Chars

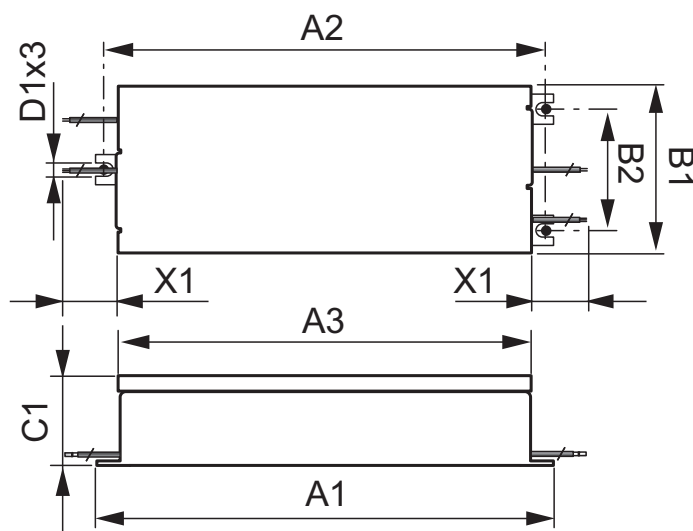
Isolation classification Class II
 ENEC certificate Yes
 CE marking Yes
 RoHS compliance Yes

• Product Data

Order code 929000708703

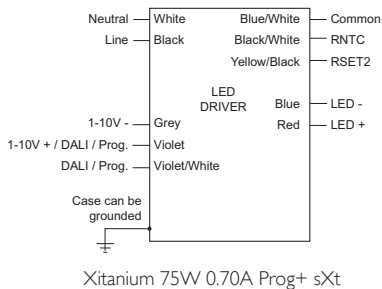
Full product code 929000708703
 Full product name Xitanium 100W 0.7A Prog+ GL-Z sXt
 Order product name Xitanium 100W 0.7A Prog+ GL-Z sXt
 Pieces per pack 1
 Packing configuration 12
 Packs per outerbox 12
 Bar code on pack - EAN1 8718291245193
 Bar code on outerbox - EAN3 8718291245209
 Logistic code(s) - 12NC 929000708703
 Net weight per piece 0.745 kg

Dimensional drawing



Xitanium 100W 0.7A Prog+ GL-Z sXt

Product	A1 (Norm)	A2 (Norm)	A3 (Norm)	B1 (Norm)	B2 (Norm)	C1 (Norm)	D1 (Norm)	X1 (Norm)
Xitanium 100W 0.7A Prog+ GL-Z sXt	165	155	147.4	70	50	38	5.5	275



© 2013 Koninklijke Philips N.V. (Royal Philips)
 All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2013, August 3
 data subject to change