

# Xitanium Constant Current Xtreme

Xitanium 150W 0.1-1.05A Prog+ 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 %
Efficiency Range	92 %
Output Power Range	75-150 W
Power Factor (100% load)	0.98 (min) -
Input Power max	167 W
Output Voltage Range	70-148 V
Output Current Range (mA)	100-1050
Total Harmonic Distortion IEC	20 (max) %
Dimming range	100-10 %
Constant Lumen Output	Programmable
Input Current max	720 (max) mA
Inrush Current Peak	110 (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%)	0.96 (min) -
Earth leakage current	0.7 (max) mA

Max drivers on MCB(16A type-B)	11 (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	500 mm
Input Wire Diameter	0.82 mm2
Control Wire Diameter	0.82 mm2
Control Wire Length	500 mm
Output Wire Length	500 mm
Output Wire Diameter	0.82 mm2

### • Temperature Characteristics

T-case Lifetime	70 C
T-case maximum	80 (max) C
T-ambient	-40 (min), 55 (max) C
Tc Thermal Cut off Driver	87 C
Tc Thermal Cut off Module	Programmable

### • Product Dimensions

Length A1	240.5 mm
Length A3	211.1 mm
Width B1	59.1 mm

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Height C1	37.1 mm
Fixing Hole Diameter D1	8.0 mm
Fixing Hole Distance Width B2	42.9 mm
Fixing Hole Distance Length A2	226.2 mm
Length Cable X1	500 mm

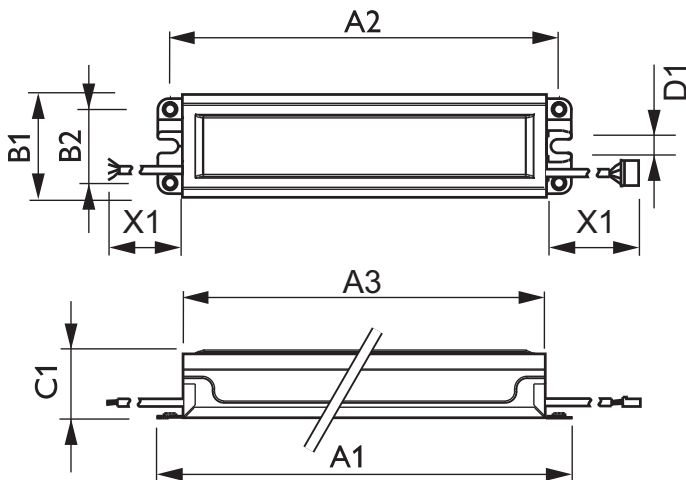
## • Approval & Application Chars

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

## • Product Data

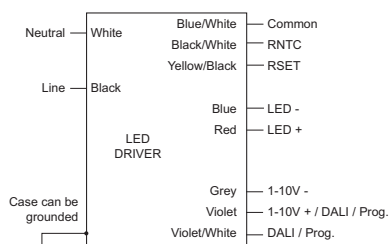
Order code	929000709003
Full product code	929000709003
Full product name	Xitanium 150W 0.1-1.05A Prog+ sXt
Order product name	Xitanium 150W 0.1-1.05A Prog+ sXt
Pieces per pack	1
Packing configuration	10
Packs per outerbox	10
Bar code on pack - EAN1	8718291211983
Bar code on outerbox - EAN3	8718291211990
Logistic code(s) - 12NC	929000709003
Net weight per piece	1.069 kg

## Dimensional drawing



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Product	A1 (Norm)	A2 (Norm)	A3 (Norm)	B1 (Norm)	B2 (Norm)	C1 (Norm)	D1 (Norm)	X1 (Norm)
Xitanium 150W 0.1-1.05A Prog+ sXt	240.5	226.2	211.1	59.1	42.9	37.1	8.0	500



Xitanium 75 & 150W 0.1-1.05A Prog+ sXt



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data subject to change