Xitanium Outdoor LED Drivers Programmable

Xitanium 150W 0.1–1.05A Prog+ sXt

Philips Xitanium Full Programmable LED drivers are specifically designed to deliver the highest performance, protection and configurability. The portfolio offers both central and stand-alone dimming protocols, further increasing the energy savings and CO_2 reductions achieved with LED lighting. The Xtreme technology ensures maximum robustness and protection combined with a very long lifetime.

Product data

General Information

Constant light output	Programmable
Number of Products on MCB (16A Type B) (Max)	11

Operating and Electrical

Input Frequency	50 to 60 Hz
Total Harmonic Distortion IEC (Max)	20 %
Output Current Ripple (Nom)	30 %
Maximum Efficiency	92 %
Power Factor 100% Load (Min)	0.98
Output Current (Nom)	100–1050 mA
Output Current Tolerance (Max)	5 %
Output Current Tolerance (Min)	–5 %
Input Voltage (AC)	120–277 V
Power Factor 50% Load (Min)	0.96
Earth Leakage Current (Max)	0.7 mA
Input Current (Operating) (Max)	720 mA
Input Power (Nom)	167 W
Inrush Current Peak (Max)	110 A
Output Power (Nom)	75–150 W

Output Voltage	70–148 V
Inrush Current Width to 50% of Peak	150 µs

Wiring

Control Wire Length	500 mm
Output Wire Length	500 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)	70 °C
T-Case Maximum (Max)	80 °C
Module Temperature Protection	Programmable
T-Case Switch Off (Nom)	87 °C

Controls and Dimming

Control Interface	1–10V/AmpDim/DALI/Dynadimmer

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Dimming Range	100–10 %
Lumistep Dimming Time	–
Lumistep Dimming Time After Midpoint	–

Mechanical and Housing

Housing Color	Black

Approval and Application

Surge Protection (Common/Differential)	4/4 kV
IP Classification	–
Isolation Classification	Class II
Approbation Marks	ENEC certificate CE marking RoHS compliance

Product Data

Order product name	Xitanium 150W 0.1-1.05A Prog+ sXt
EAN/UPC – Product	8718291211983
Order code	929000709003
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	10
Material Nr. (12NC)	929000709003
Net Weight (Piece)	1.257 kg

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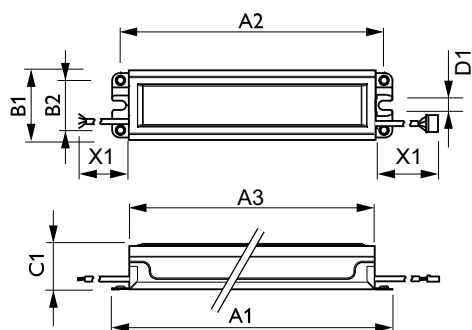
Product	D1	A2	B2	C1	A1	A3	X1	B1
Xitanium 150W 0.1-1.05A Prog+ sXt	8.0 mm	226.2 mm	42.9 mm	37.1 mm	240.5 mm	211.1 mm	500 mm	59.1 mm

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