



Xitanium LED drivers outdoor Dimmable (US)

Xitanium 100W/4.1A-24V DIM INTELLIVOLT

Xitanium Constant Current Outdoor product family offers a selection of LED drivers with lower output voltages in a range of convenient form-factors and wattages. The Xitanium Outdoor drivers are SELV (Safety Extra Low Voltage) compliant, enabling easy LED light engine design. Xitanium Constant Voltage Outdoor LED drivers deliver a highly stable output voltage and are UL Class 2 rated. These drivers are the perfect choice for enabling easy modular connection of multiple LED PCBs in parallel. The Constant Voltage Outdoor category offers excellent reliability and ensures a simplified installation process. Robust design reduces maintenance and lowers the cost of ownership over the application lifetime. For optimal performance, LED luminaires require reliable drivers which match the long lifetime of the LEDs.

Product data

• General Characteristics

Input Frequency	50/60 Hz
Output Isolation	Yes
Minimum LED voltage	10 (min) V
Material Number	LEDINTA0024V41DLO

• Operating Characteristics

Ripple current	1 (max) %
Efficiency Range	85 %
Output Power Range	100 W
Power Factor (100% load)	0.9 (min) -
Input Power max	117 W
Output Voltage Range	24 V
Output Current Range (mA)	4160
Total Harmonic Distortion IEC	20 (max) %
Dimming range	100-17 %
Input Current max	950 (max) mA
Output Current Tolerance	-5 (min), 5 (max) %
Type of Dimming	0-10V
Input Voltage Range (AC)	120-277 V

• Wiring Characteristics

Input Wire Length	228.6 mm
Control Wire Length	228.6 mm
Output Wire Length	228.6 mm
Input wire AWG	18
Output wire AWG	18
Primary fusing	Fused

Secondary fusing	None Required
Control wire AWG	18

• Temperature Characteristics

T-case maximum	85 (max) C
T-ambient	-40 (min), 55 (max) C

• Product Dimensions

Length A1	240.5 mm
Length A2	224.6 mm
Length A4	211.1 mm
Width B1	59.1 mm
Height C1	39.7 mm
Fixing Hole Distance	42.9 mm
Width B2	
Height C2	37.7 mm

• Approval & Application Chars

ENEC certificate	Yes
CE marking	Yes
RoHS compliance	Yes
UL certificate	Yes
CSA certificate	Yes
Short circuit	Self-limited
Overload	Protected
No-load	Protected
EMI	FCC 47 subpart 15; Class A
Safety regulations	EN61558-1, EN61558-2-17, EN60065
Environmental standard	UL Damp & Dry

• Product Data

Order code	913701212802
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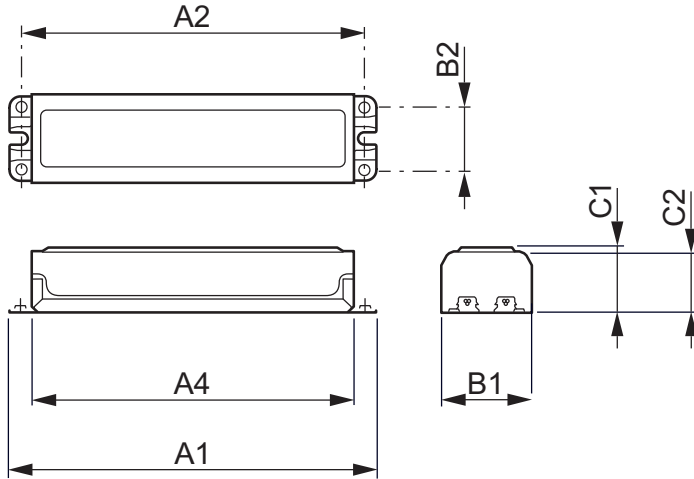
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Full product code 913701212802
 Full product name Xtanium 100W/4.1A-24V DIM INTELLIVOLT
 Order product name Xtanium 100W/4.1A-24V DIM INTELLIVOLT
 Pieces per pack 1
 Packing configuration 10
 Packs per outerbox 10

Bar code on pack - EAN1 50781087085603
 Bar code on outerbox - EAN3 50781087085603
 Logistic code(s) - 12NC 913701212802
 Net weight per piece 1.076 kg

Dimensional drawing



Xtanium 100W/4.1A-24V DIM INTELLIVOLT

Product	A1 (Norm)	A2 (Norm)	A4 (Norm)	B1 (Norm)	B2 (Norm)	C1 (Norm)	C2 (Norm)	D1 (Norm)
100W/4.1A-24V DIM INTELLIVOLT	240.5	224.6	211.1	59.1	42.9	39.7	37.7	-



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 data subject to change