

Xitanium LED Driver Indoor Linear Dimmable (US)

Xitanium 54W 0.1-1.5A 27-54V LE+TE 277-T

Xitanium Indoor LED Drivers are available in a wide variety of wattages up to 75W. Most models include adjustable output current to enable OEMs to set LED drive current specific to their needs. These drivers are available in form factors perfectly suited for indoor linear troffer applications. 1-10V and leading edge dimming options enable energy-efficient solutions.

Product data

• General Characteristics

Input Frequency	60 Hz
Output Isolation	Yes
Minimum LED voltage	27 (min) V

• Operating Characteristics

12V output	No
Ripple current	20 %
Efficiency Range	84 %
Output Power Range	54 W
Power Factor (100% load)	0.5 (min) -
Input Power max	68 W
Output Voltage Range	27-54 V
Output Current Range (mA)	700-1500
Total Harmonic Distortion IEC	15 (max) %
Dimming range	100-5 %
Dimmable	Yes
Constant Lumen Output	No
Input Current max	280 (max) mA
Inrush Current Peak	12 (max) A
Inrush Current Width to 50%	274 us
Type of Dimming	Mark 10 dimming
Input Voltage Range (AC)	277 V
Surge Protection (comm./diff.)	2/2 kV
Open circuit voltage (DC)	57 (max) V

• Wiring Characteristics

Primary fusing	Fused
Secondary fusing	None Required

• Temperature Characteristics

T-case maximum	85 (max) C
T-ambient	-20 (min), 50 (max) C
T-case minimum	-20 (min) C

• Product Dimensions

Length A1	358.1 mm
Length A2	350.0 mm
Width B1	30.0 mm
Height C1	25.4 mm

• Approval&Application Chars

Isolation classification	Class II
RoHS compliance	Yes
CSA certificate	Yes
Short circuit	Protected
EMI	FCC Title 47 Part15 Class A
Environmental standard	UL Damp & Dry
UL recognized	Yes

• Product Data

Product number	XV054C150V054RNT1M
Full product name	Xitanium 54W 0.1-1.5A 27-54V LE +TE 277-T
Short product name	XITANIUM 54W 0.1-1.5A 27-54V LE +TE 277-T

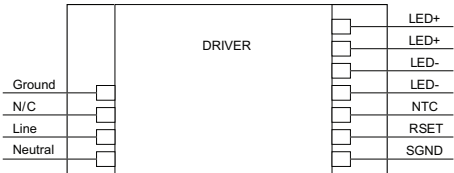
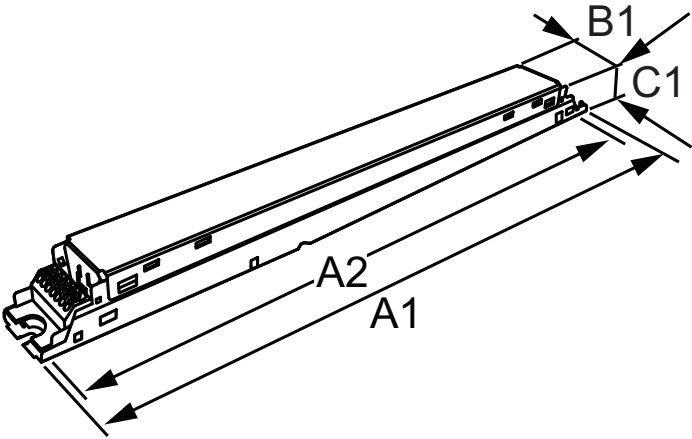
PHILIPS

Xtanium LED Driver Indoor Linear Dimmable (US)

Pieces per Sku 1
eop_pck_cfg 16
Skus/Case 16
Bar code on pack 781087131947

Bar code on case 50781087131942
Logistics code(s) 929000712013
eop_net_weight_pp 0.350 kg

Dimensional drawing



Xtanium 54W 0.1-1.5A 27-54V LE+TE 277-T

Product	A1 (Norm)	A2 (Norm)	A3 (Norm)	B1 (Norm)	C1 (Norm)
Xtanium 54W 0.1-1.5A 27-54V LE +TE 277-T	358.1	350.0	-	30.0	25.4



© 2014 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

2014, February 7
data subject to change