ADVANCE
by signify

LED Driver

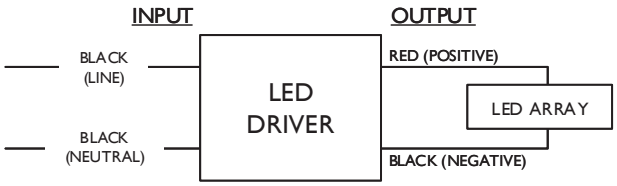
Xitanium

LEDUNIA0700C12F

Electrical Specifications

Output Power (W)	Output Volt. (V)	Output Current (A)	Operating Temp. Range (°F/°C)	Input Current at 120V (A)	Max. Input Power (W)	Inrush Current (Apk/µs)	Max. THD (%)	Min. Power Factor	Surge Protec-tion (KV)	Weight (Lbs)	Envir. Protec-tion Rating	Driver Type
6.5	2.4~9.3 Class 2 Output	0.70 Or 0.05~0.5	14°~104°F (-10~40°C)	0.25	15	-	20	0.5	-	0.13/60	UL Dry & Damp	Constant Current

Wiring Diagram



Input and Output use lead-wires.
Lead-wires are 20AWG 80C/300V stranded copper

Standard Lead Length

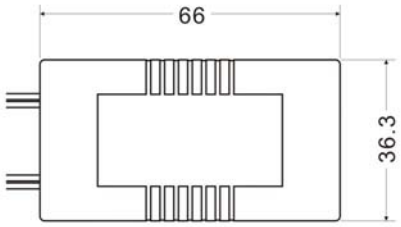
	in.	cm.
Black	6	15
White		
Blue		
Red	6	15
Gray		
Violet		

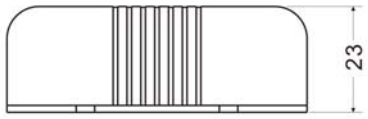
Maximum Wiring Distance (at full load)

Wire Size (AWG)	Distance (feet)
26	8
24	13
22	21
20	34
18	54
16	85
14	137

Revised 02/18/2014

Enclosure





Warning

- Install in accordance with national and local electrical codes.
- The field-wiring leads or push-in terminals shall be fully enclosed.

c UL us

UL Class 2
E215167

Xitanium LEDUNIA0700C12F

Electrical Specifications

LEDUNIA0700C12F	
Brand Name	XITANIUM
Driver Type	Electronic
Input Voltage	120~230V
Input Frequency	50/60 Hz
RoHS	Yes
Approbations	UL
Status	Active

Installation & Application Notes:

Section I – Physical Characteristics

1.1 LED Driver shall be installed inside an electrical enclosure.

1.2 Wiring inside electrical enclosure shall comply with 600V/105°C rating or higher.

Section II – Performance

2.1 LED Driver tolerates sustained open circuit and short circuit output conditions without damage.

2.2 LED Controller maximum allowable case temperature is 69°C.

Section III – UL Conditions of Acceptability (File E215167)

When installed in the end product, consideration shall be given to the following:

3.1 This component has been judged on the basis of the required spacings in the Standard for Class 2 Power Units, UL 1310, Par. 24.5 to Par. 24.9, UL840, Table 9.1 and the Canadian Standard for Power Supplies with Extra-Low-Voltage Class 2 outputs, Table 2 and Table 3.

3.2 This power supply was intended for use in indoor use equipment only.

3.3 This transformer employs Class 105(a) insulation.

3.4 These components shall be installed in compliance with the enclosure and mounting requirements of the ultimate application.

3.5 The input and output leads are minimum No. 20 AWG, rated 300V, 80°C. The suitability of input and output connections shall be determined in each end use application.

3.6 The strain relief, mold stress relief distortion and impact tests have not been investigated. The flammability of enclosure material under investigation is V-2. The suitability of the enclosure as ultimate enclosure shall be determined in the end-use application.

3.7 The maximum temperature measured on enclosure surface was 69°C during the Temperature test. The necessity of repeat Temperature Test shall be determined in each end-use application.

3.8 The necessity of repeated Leakage Current Test shall be determined in each end-use application.

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