

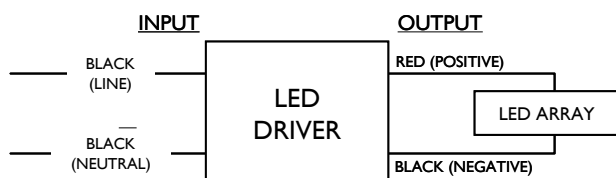
LEDUNIA0700C12F

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

Electrical Specifications

Max. Output Power (W)	Output Voltage (V)	Output Current (A)	Operating Temp. Range (°F/°C)	Input Current at 120V (A)	Max. Input Power (W)	Inrush Current (A _{pk} /μs)	Max. THD (%)	Min. Power Factor	Surge Protection (KV)	Weight (Lbs)	Envir. Protection Rating
8.0	2.4~12	0.70	14°~104°F (-10~40°C)	0.25	15	-	20	0.5	-	0.13/60	UL Dry & Damp

Wiring Diagram



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

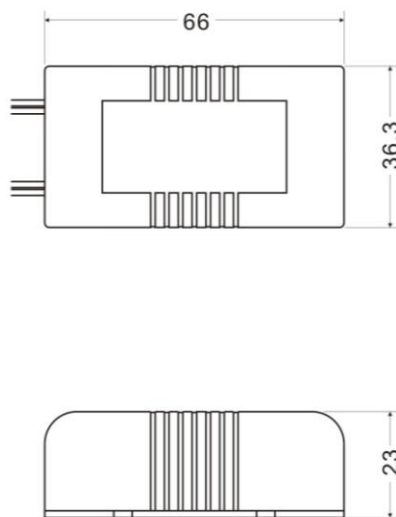
Standard Lead Length

	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

Enclosure



UL Class 2
E215167

Revised 05/16/2012

PHILIPS LIGHTING ELECTRONICS N.A.

10275 WEST HIGGINS ROAD · ROSEMONT, IL 60018
Tel: 800-322-2086 · Fax: 888-423-1882 · www.philips.com/advance
Customer Support/Technical Service: 800-372-3331 · OEM Support: 866-915-5886

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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, CAN/CSA 22.2 No. 223-M91, 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.

Revision History:

Rev No.	Date	Description	Approval	Remarks
1.1	02/02/2012	* Update Standard Lead Length to (6in=15cm)	N.T.	
1.2	01/12/2012	* Add Envir. Protection Rating	N.T.	
1.3	03/02/2012	*Modify Part # (Remove Dashes)	N.T.	
1.4	05/16/2012	*Add Approbations: UL, CSA	N.T.	

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