

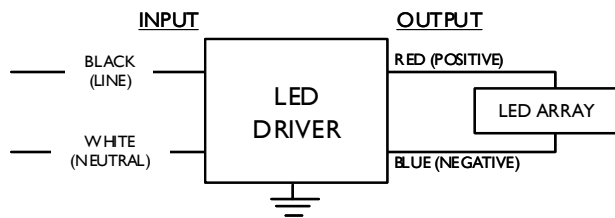
LED-INTA-0700C-210-F-O

Brand Name	XITANIUM
Driver Type	Electronic
Input Voltage	120~277
Input Frequency	50/60Hz
RoHS	Yes
Status	Active

Electrical Specifications

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)	IP Rating
150	60~210	0.70	-40°~140°F (-40~60°C)	1.4	165	278/400	20	0.9	2.5	2.8/1270	IP54

Wiring Diagram



Input: 18AWG 105C/600V solid copper lead wires
Output: 22AWG 105C/600V solid copper Molex connector #16020086

Standard Lead Length

	in.	cm.
Black	8	20
White	8	20
Blue	8	20
Red	8	20
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
12	210
10	357

Enclosure



	in. (mm)
Case Length	8.38 (211.1)
Case Width	2.35 (59.1)
Case Height	1.47 (37.1)
Mounting Length	9.0 (226.2)
Mounting Width	1.7 (42.9)
Overall Length	9.54 (240.5)



E321253



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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 complies with UL standard UL1012.
- 2.2 LED Driver has Class A sound rating.
- 2.3 LED Driver has a rated lifetime of 50,000 hours.
- 2.4 LED Driver tolerates sustained open circuit and short circuit output conditions without damage.
- 2.5 LED Driver maximum allowable case temperature is 85°C – see product label for measurement location.
- 2.6 LED Driver reduces output power to LEDs if its case temperature exceeds 85°C –thermal protection.
- 2.7 LED Driver complies with the requirements of the Federal Communications Commission (FCC) rules and regulations, Title 47 CFR Part 15 Non-Consumer (Class A) for EMI/RFI (conducted and radiated) at full load.

Section III – UL Conditions of Acceptability (File E321253)

When installed in the end-use equipment, the following are among the considerations to be made:

- 3.1 The equipment shall be installed in compliance with the enclosure, mounting, spacing, casualty and segregation requirements of the ultimate application.
- 3.2 Consideration should be given to measuring the temperatures on electronic components of power circuits and transformer windings when the unit is installed in the end-use equipment based upon mounting orientation, operation ambient and ventilation. All transformers and inductors L2 and L5 employ Class 130(B) insulation.
- 3.3 The equipment has been judged on the basis of the required spacing in the 7th Edition of the Standard for Power Units other than Class 2, UL1012, Par. 34.1 and Table 34.1 which would cover the component itself if submitted for unrestricted Listing. The Driver is asphalt potted.
- 3.4 The unit was tested with a LED array as a load, which represents the end use load. Each LED assembly consisted of 20 LEDs in series @ 1 to 1.2 watt per LED, 6 LED assemblies provided in parallel, for a maximum load of 150 W. Consideration shall be given to the need to re-conduct tests based upon a different end-use load.
- 3.5 The temperature test was conducted in an ambient of 24°C, and the measured temperatures were corrected to an ambient of 34°C. See following table for case temperatures.

Model No.	Input Voltage, Hz	Tc, °C	Ambient, °C
LEDINTA0700C210FO	120, 60 (Horizontal)	64	34
	277, 60 (Horizontal)	59	34
	120, 60 (Vertical)	66	34
	277, 60 (Vertical)	61	34