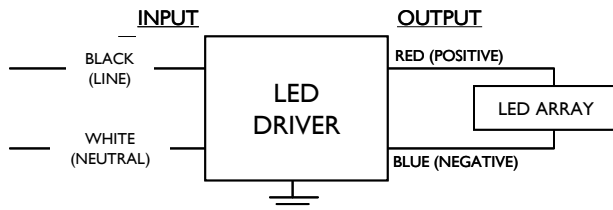


## Electrical Specifications

<b>LEDINTA0350C425FO</b>	
Brand Name	XITANIUM
Description	150W 0.35A
Input Voltage	120~277
Input Frequency	50/60Hz
RoHS	Yes
Approbations	UL, CSA
Status	Active

Output Power (W)	Output Voltage (V)	Output Current (A)	Tcase Max	Input Current	Max. Input Power (W)	Inrush Current (A <sub>pk</sub> /μs)	Max. THD (%)	Min. Power Factor	Surge Protection (KV)	Weight (Lbs)	Envir. Protection Rating
150	120~425	0.35	80°C	1.4A@120V 0.6A@277V	165	278/400	20	0.90	2.5	2.8/1270	UL Dry & Damp

### Wiring Diagram



Input & Output use 18AWG 105C/600V solid copper lead wires

### 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	16
24	26
22	43
20	68
18	108
16	170
14	275
12	420
10	714

### 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)



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Status	Active

Electrical Specifications

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 minimum operating ambient temperature of -40°C.
- 2.4 LED Driver has a 400 maximum switching cycle between -40°C to -20°C.
- 2.5 LED Driver has Thermal Fold Back or shutdown above TCmax, please refer to the table for typical performance.
- 2.6 LED Driver has a life expectancy of 50,000 hours at Tcase of ≤ 75°C.
- 2.7 LED Driver has a life expectancy of 100,000 hours at Tcase of ≤ 65°C.
- 2.8 LED Driver has a typical self rise of 25°C at maximum load in open air without heat sink.
- 2.9 LED Driver maximum allowable case temperature is 80°C – see product label for measurement location.
- 2.10 LED Driver reduces output power to LEDs if its maximum allowable case temperature is exceeded.
- 2.11 LED Driver has a failure rate of ≤ 0.01% per 1,000 hours.
- 2.12 LED Driver tolerates sustained open circuit and short circuit output conditions without damage.
- 2.13 LED Driver complies with the requirements of the Federal Communications Commission (FCC) rules and regulations, Title 47 CFR Part 15 Non-Consumer (Class A).

Section III – UL Conditions of Acceptability (File E321253)

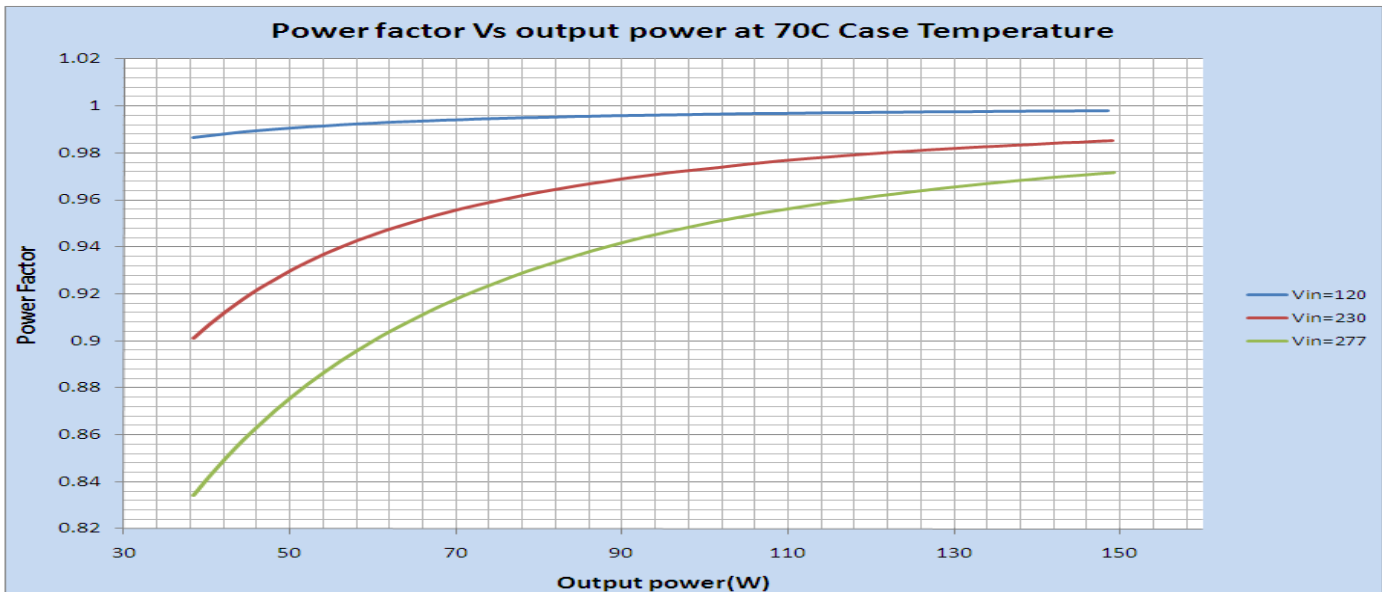
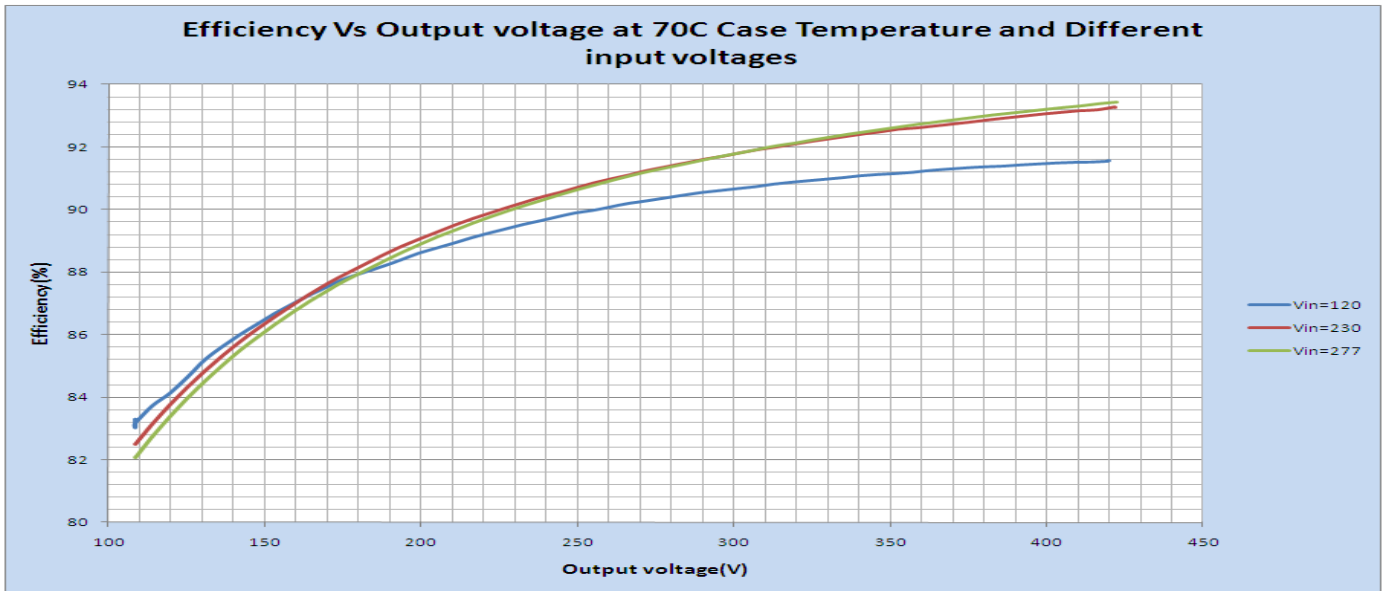
When installed in the end-use equipment, the following are among the considerations to be made:

- 3.1 The equipment shall be installed in compliance with the enclosure, mounting, spacing, casualty and the 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, operating ambient and ventilation. Magnetic components L2, T3, L5 and T2 employ Class 130 (B) insulation.
- 3.3 These drivers should be used within the recognized ratings.
- 3.4 The driver is suitable for use in “DAMP” and “DRY” locations.
- 3.5 When the drivers are installed in the end-use application, the case temperature should not exceed the temperature limits specified in the following table:

*Model No.	Input Voltage, Hz	Max. Case @ Tc, °C
LEDINTA0350C425FO	120-277, 60 Horizontal	80

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Status	Active

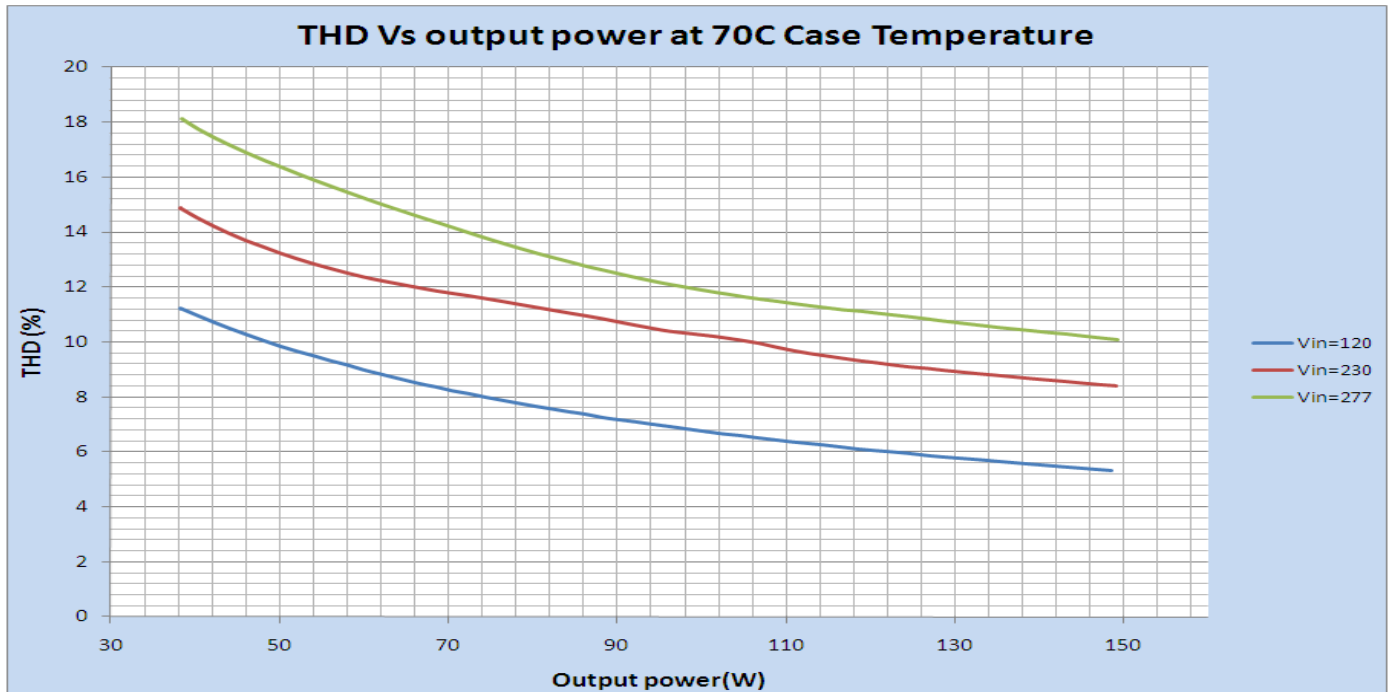
## Electrical Specifications



Revised 04/24/2012

## Electrical Specifications

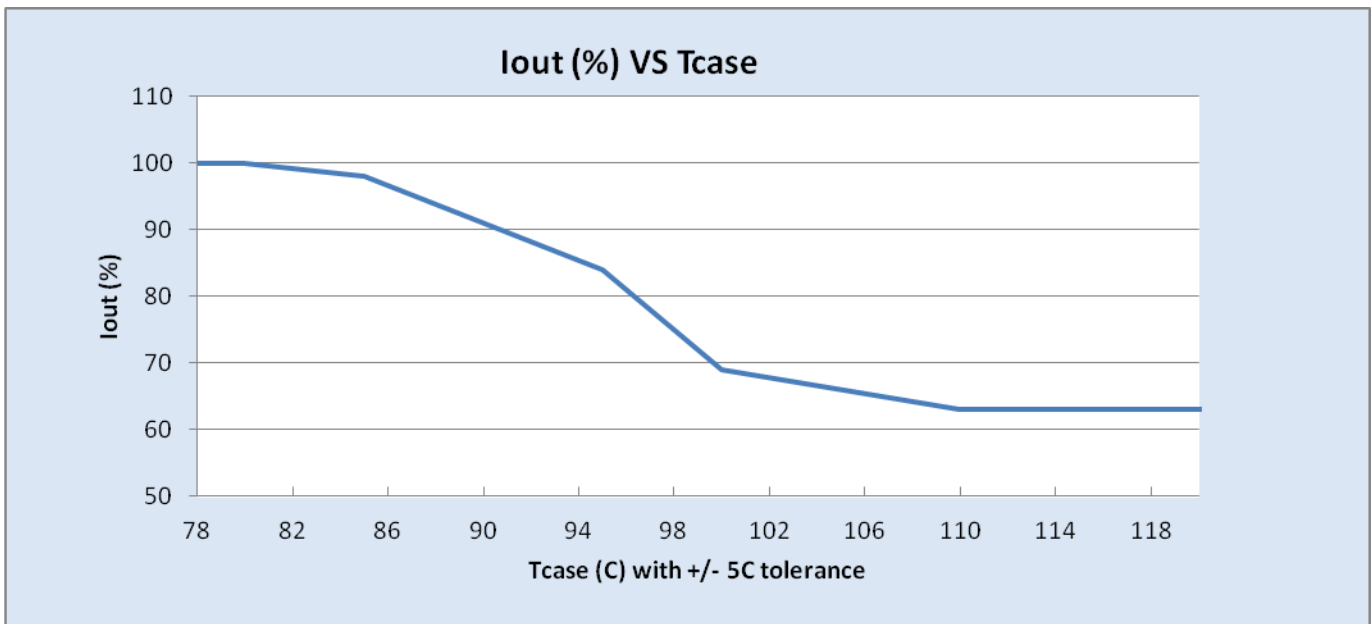
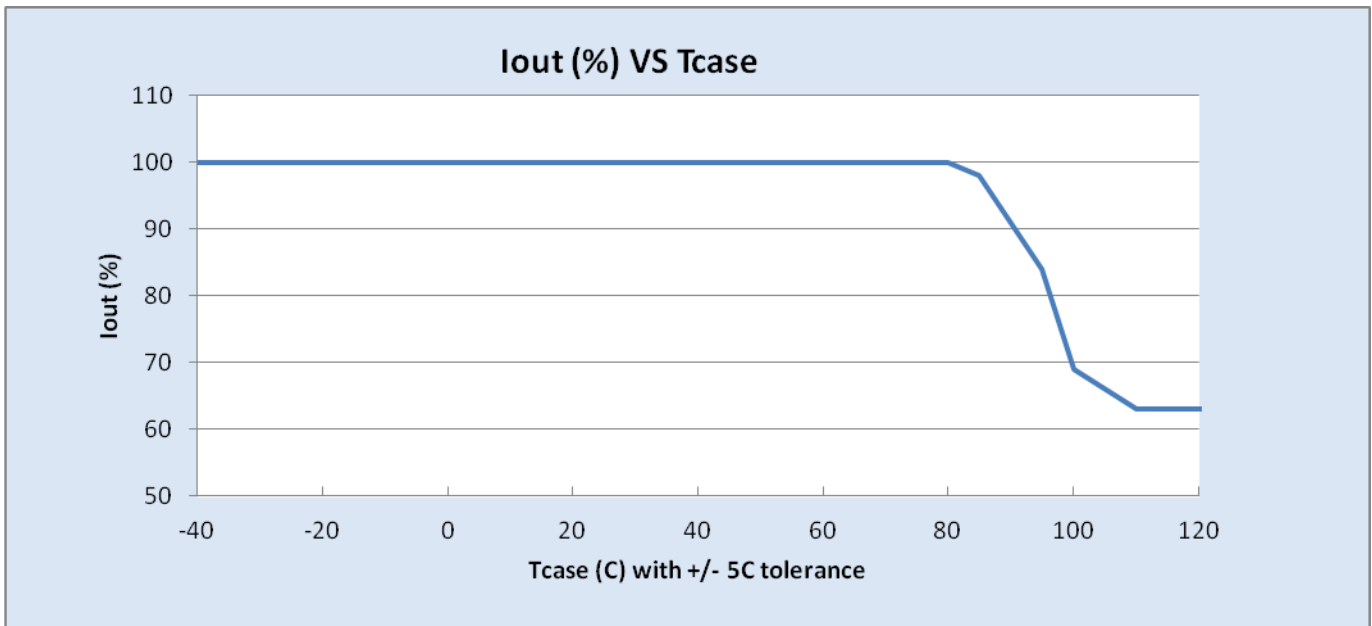
LEDINTA0350C425FO	
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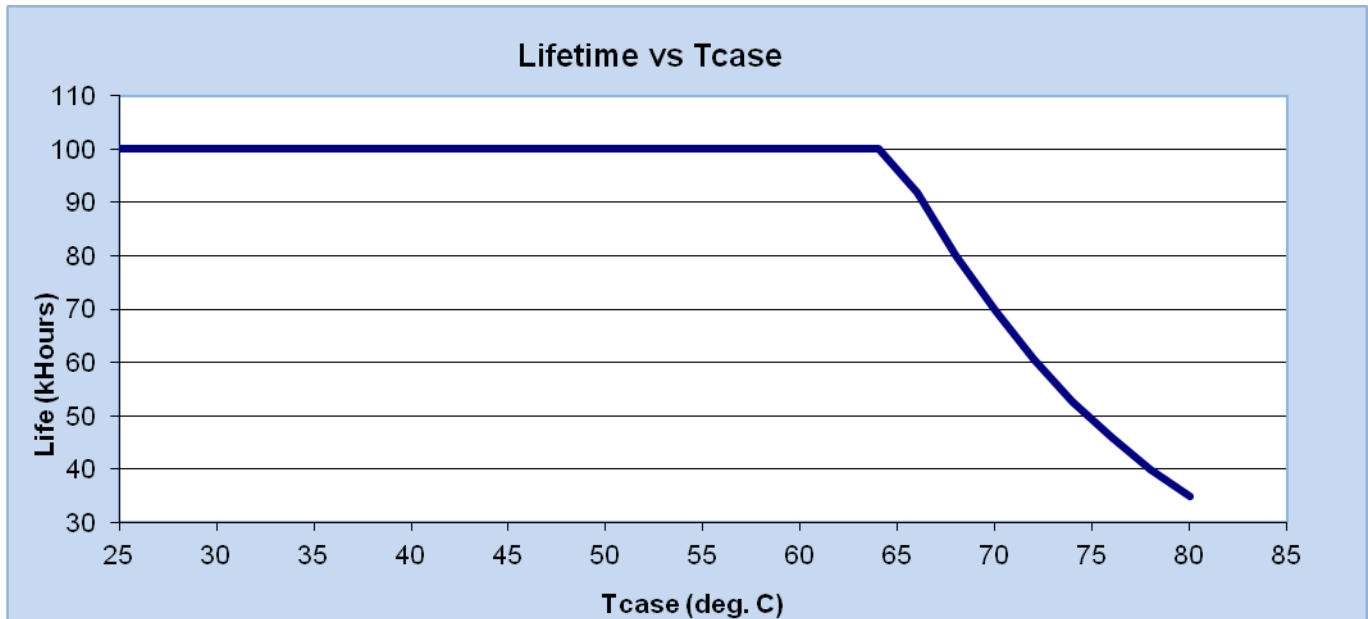
Electrical Specifications



Revised 04/24/2012

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Electrical Specifications



**Failure Rate Info based upon field call rate data:**

- <0.01% per 1kHr @<= Tcase 65°C

**Revision History:**

Rev No.	Date	Description	Approval	Remarks
1.1	11/17/2011	*Remove graph "Failure rate vs. Tcase	N.T.	
2.1	01/13/2012	* Add Envir. Protection Rating	N.T.	
3.1	04/09/2012	*Add Installation & Application Notes: Section II Performance – 2.4: Max Switching Cycles	N.T.	
4.1	04/18/2012	* Add Approbations: UL, CSA	N.T.	
5.1	04/24/2012	*Add Installation & Application Notes: Section II Performance – 2.5: Thermal Protection	N.T.	

Revised 04/24/2012