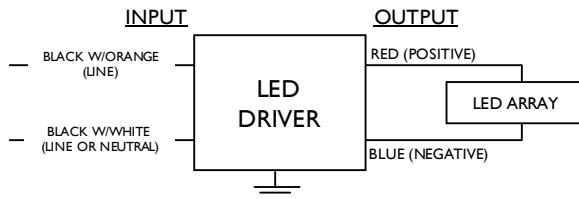


## Electrical Specifications

<b>LEDHCNA0350C425FO</b>	
Brand Name	XITANIUM
Description	150W 0.35A
Input Voltage	347~480V (+/- 10%)
Input Frequency	50/60Hz
RoHS	Yes
Approbations	UL,CSA
Status	Active

Output Power (W)	Output Voltage (V)	Output Current (A)	Efficiency	T <sub>case</sub> Max	Input Current at 347V (A)	Max. Input Power (W)	Inrush Current (A <sub>pk</sub> /μs)	Max. THD (%)	Min. Power Factor @ max load	Surge Protection (KV)	Weight (Lbs)	Envir. Protection Rating
150	120~425	0.35	>90%	80°C	0.5	165	120/100	20	0.99	2.5	2.8/1270	UL Dry & Damp

### Wiring Diagram



Input and Output: 18AWG 105C/600V solid copper lead wires

### Standard Lead Length

	in.	cm.
Black w/orange stripe	10	25
Black w/white stripe	10	25
Blue	10	25
Red	10	25
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)



Revised 04/18/2012

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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 life expectancy of 50,000 hours at Tcase of  $\leq 75^{\circ}\text{C}$ .
- 2.4 LED Driver has a life expectancy of 100,000 hours at Tcase of  $\leq 65^{\circ}\text{C}$ .
- 2.5 LED Driver tolerates sustained open circuit and short circuit output conditions without damage.
- 2.6 LED Driver maximum allowable case temperature is  $80^{\circ}\text{C}$  – see product label for measurement location.
- 2.7 LED Driver reduces output power to LEDs if its maximum allowable case temperature is exceeded.
- 2.8 LED Driver will properly turn off by disconnecting all “hot” (live) input lines.
- 2.9 LED Driver has a failure rate of  $\leq 0.01\%$  per 1,000 hours.
- 2.10 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 drivers shall be installed in compliance with the enclosure, mounting, spacing, casualty and segregation requirements of the ultimate application.
- 3.2 The driver output is intended to be loaded to maximum 150W.
- 3.3 The normal temperature test should be performed in the end product with the case temperature not to exceed the maximum case temperature for each model as specified follows:

LEDHCNA0350C425FO & LEDHCNA0350C425DN

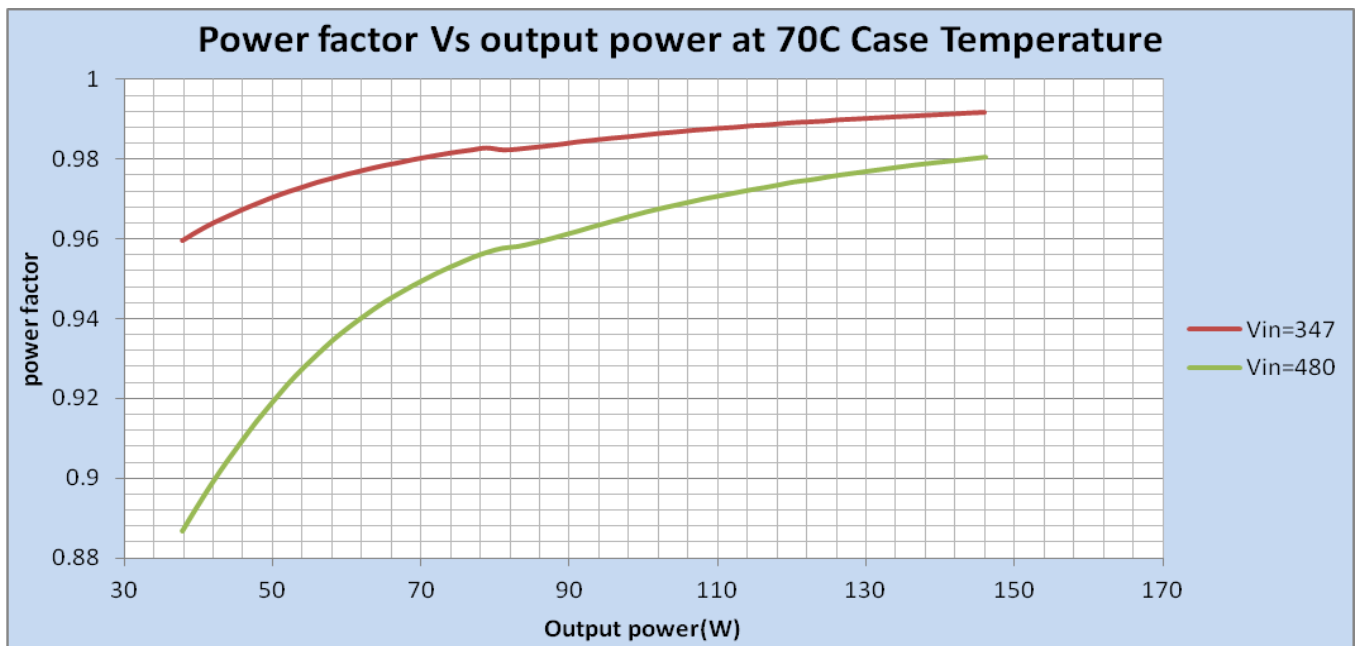
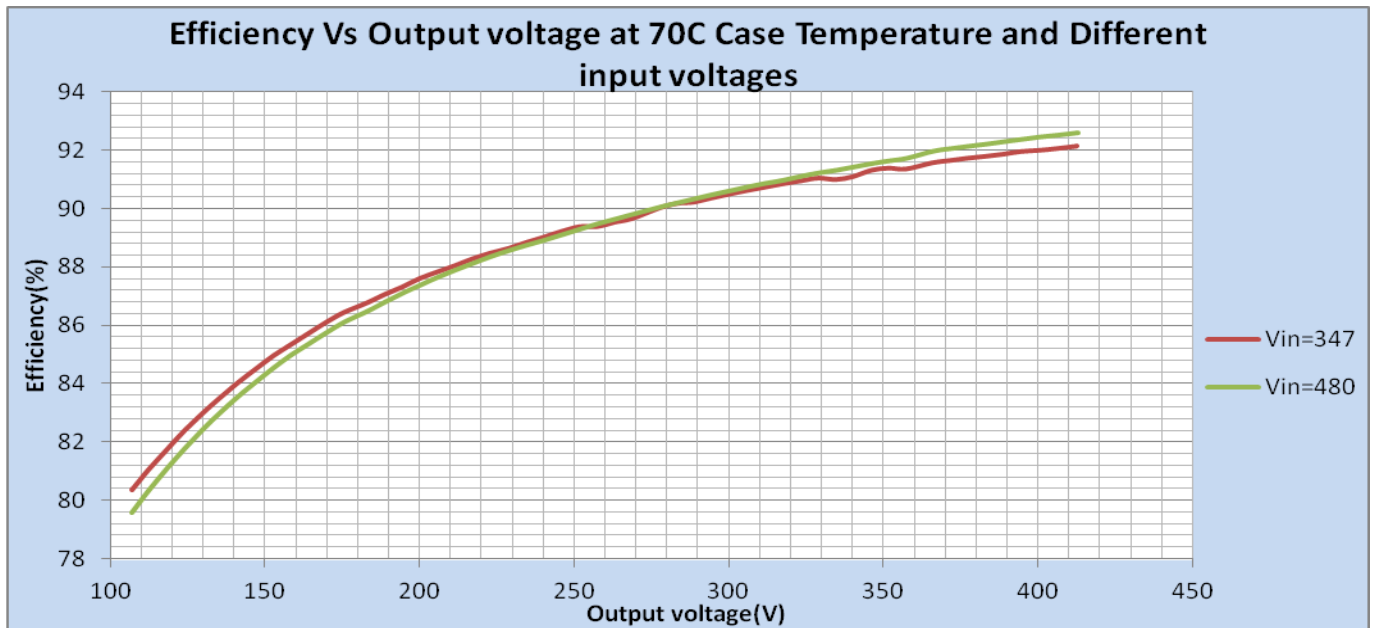
Input Voltage, Hz	Case Temp @ T <sub>c</sub> , °C
347, 60 (Horizontal)	81
480, 60 (Horizontal)	80

- 3.4 The driver is a “Direct”; “Non-Isolating” type such that the secondary circuit shall be treated as part of the primary circuit in the end-use application.
- 3.5 The drivers are suitable for use in “DAMP” and “DRY” locations.
- 3.6 The dimming circuit provided on model LEDHCNA0350C425DN is to be considered a primary circuit in the end-use application.
- 3.7 The enclosure of these drivers must be connected to earth ground with a suitable grounding method when installed in the end-use application.

Revised 04/18/2012

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Status	Active

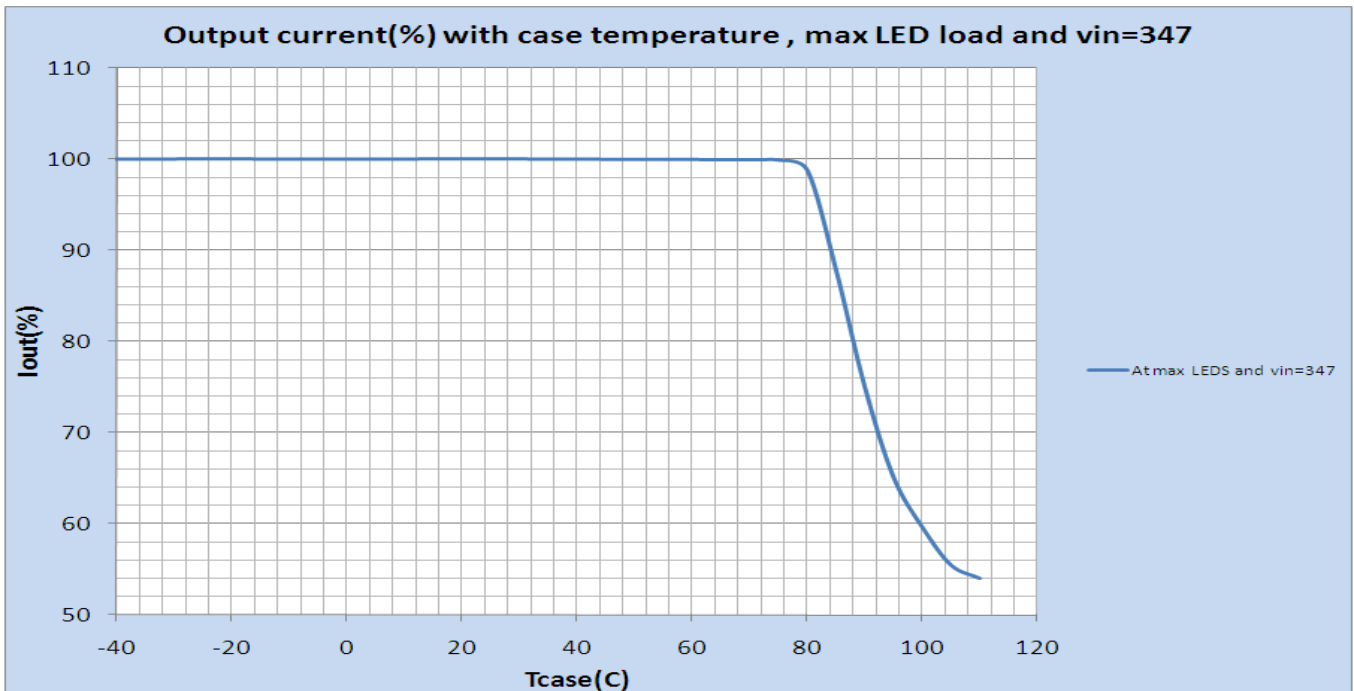
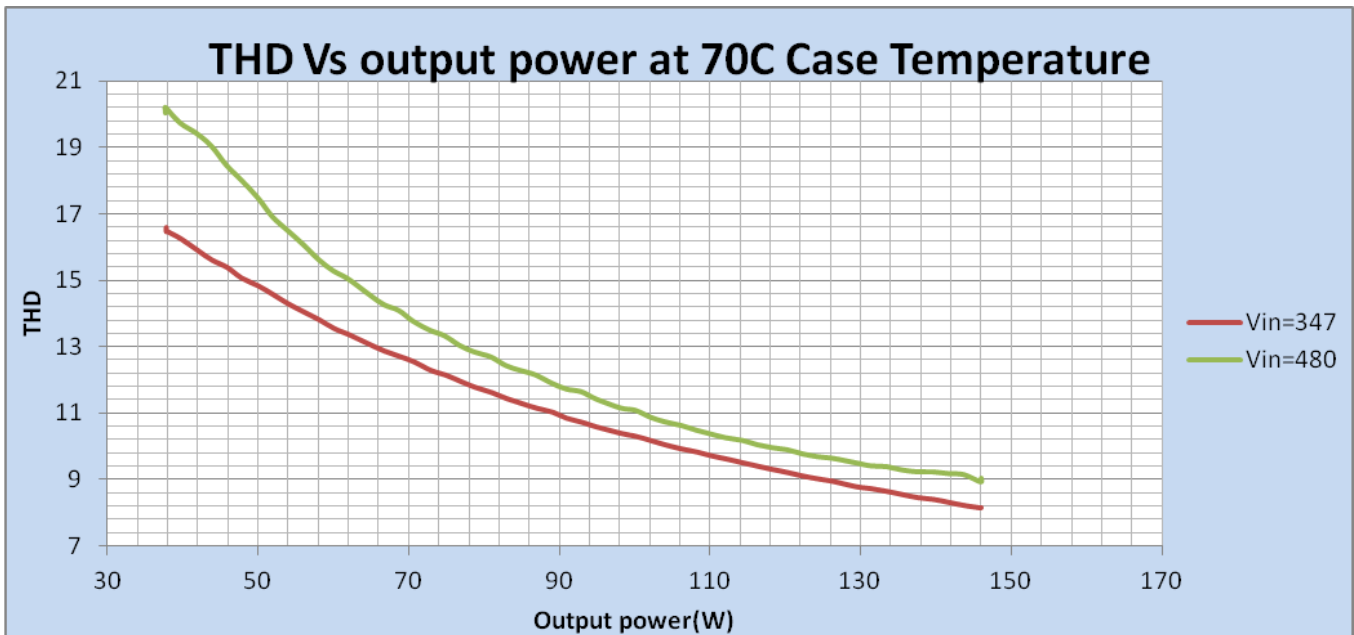
## Electrical Specifications



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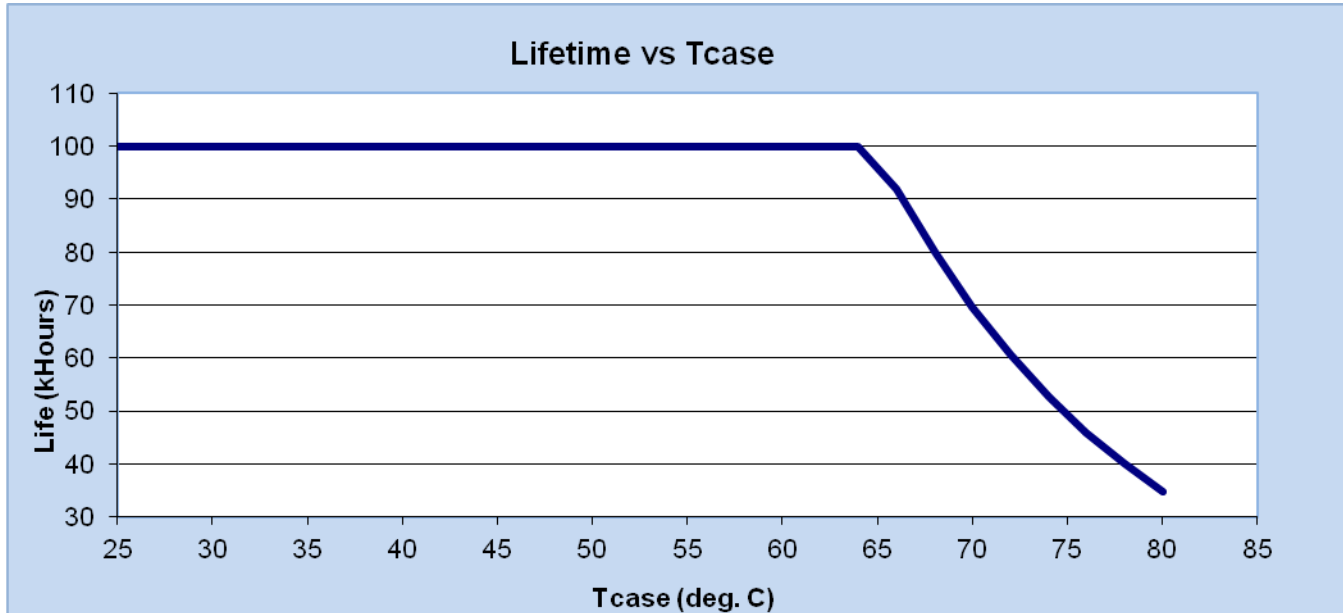
## Electrical Specifications



Revised 04/18/2012

## Electrical Specifications

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Status	Active



Failure Rate Info based upon field call rate data:

- <0.01% per 1 kHr @<= 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	04/18/2012	* Add Approbations: UL,CSA	N.T.	

Revised 04/18/2012