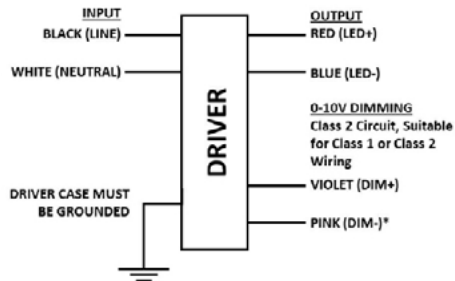


Electrical Specifications

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 (Apk/μs)	Max. THD (%)	Min. Power Factor	Surge Protection (KV)	Weight (Lbs)	Envir. Protection Rating	Driver Type
150	120-425	0.35	80°C	1.4	165	278/400	20	0.9	2.5	2.8/1270	UL Dry & Damp	Constant Current

Wiring Diagram



Input, Output and 0-10V Dimming use lead-wires. Lead-wires are 18AWG 105C/600V solid copper

Standard Lead Length

	in.	cm.
Black	10	25
White	10	25
Blue	10	25
Red	10	25
Gray	10	25
Violet	10	25

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

Dimming Method	Dimming Range (%)
0-10V	100% ~ 10%

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)

WARNING:

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

Revised 04/24/2012

Xitanium LEDINTA0350C425DO

150W 0.35A Dimming

LEDINTA0350C425DO	
Brand Name	XITANIUM
Description	150W 0.35A Dimming
Input Voltage	120~277V
Input Frequency	50/60Hz
RoHS	Yes
Approbations	UL, cUL
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 complies with UL standard UL1012.
- 2.2 LED Driver has Class A sound rating.
- 2.3 LED Driver has a minimum ambient operating 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 max allowable case temperature is exceeded.
- 2.11 LED Driver has a failure rate of ≤ 0.01% per 1,000 hours at Tcase ≤ 70°C.
- 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).
- 2.14 The dimming lead leakage current is 0.01mA. The maximum number of drivers that can be connected in parallel to one dimming control circuit is based on this dimming lead leakage current and the calculation is described in the corresponding Design-in Guide.

Section III – UL Conditions of Acceptability (File E321253)

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

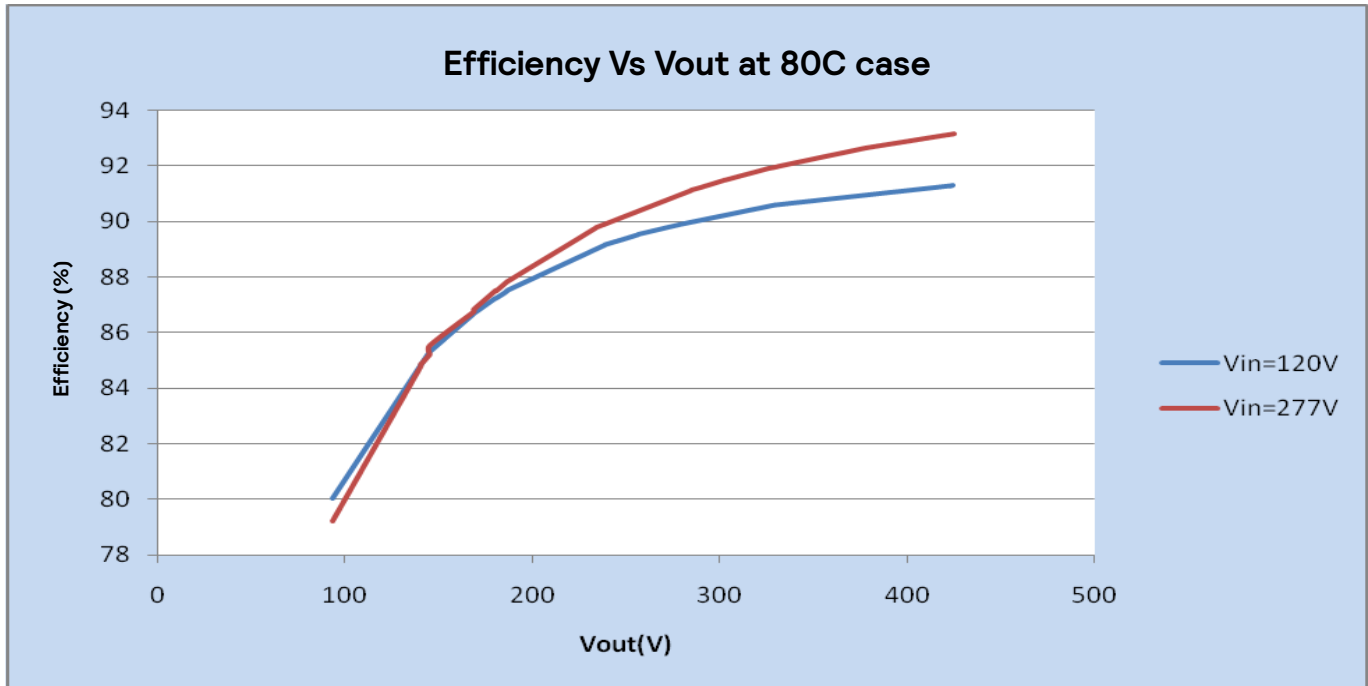
- 3.1 The equipment shall be installed in compliance with the enclosure, mounting, spacing, casualty and segregation requirements of the ultimate application.
- 3.2 Consideration should be given to measuring the temperatures on electronic components of power circuits and transformer windings when the unit is installed in the end-use equipment based upon mounting orientation, 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 The maximum available output parameters from the (0-10V) dimming circuit provided on LED driver model LEDINTA0350C425DO were tested in accordance with supplement (SB) of UL935 and were found permissible for connection via Class 2 wiring.
- 3.6 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
LEDINTA0350C425DO	120-277, 60 Horizontal	80

Xitanium LEDINTA0350C425DO

150W 0.35A Dimming

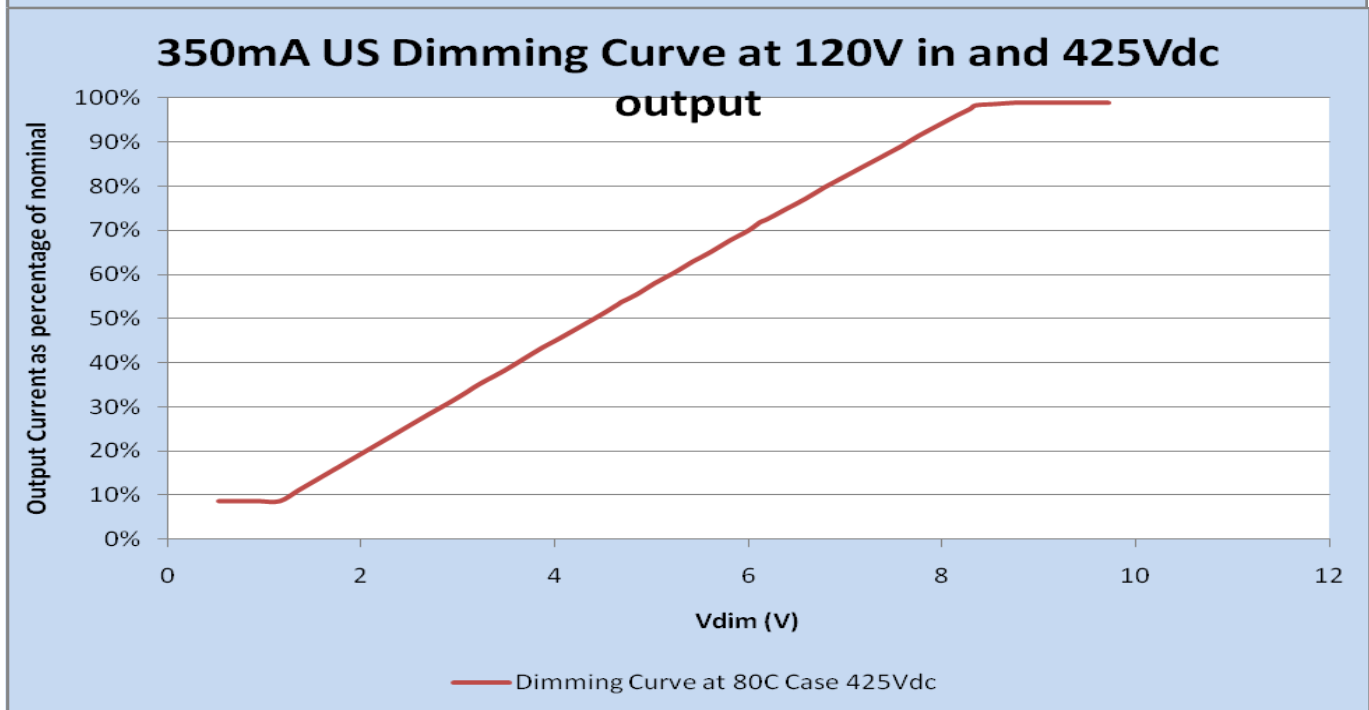
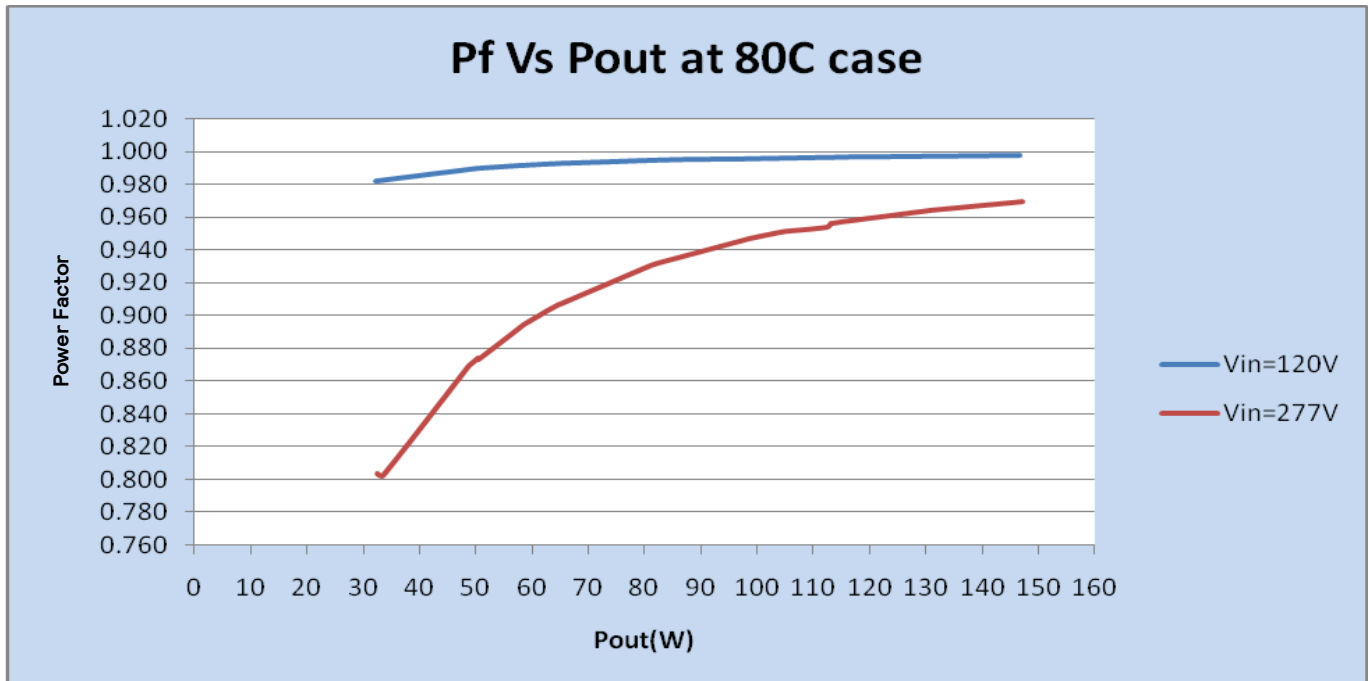
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Description	150W 0.35A Dimming
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Input Frequency	50/60Hz
RoHS	Yes
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Xitanium LEDINTA0350C425DO

150W 0.35A Dimming

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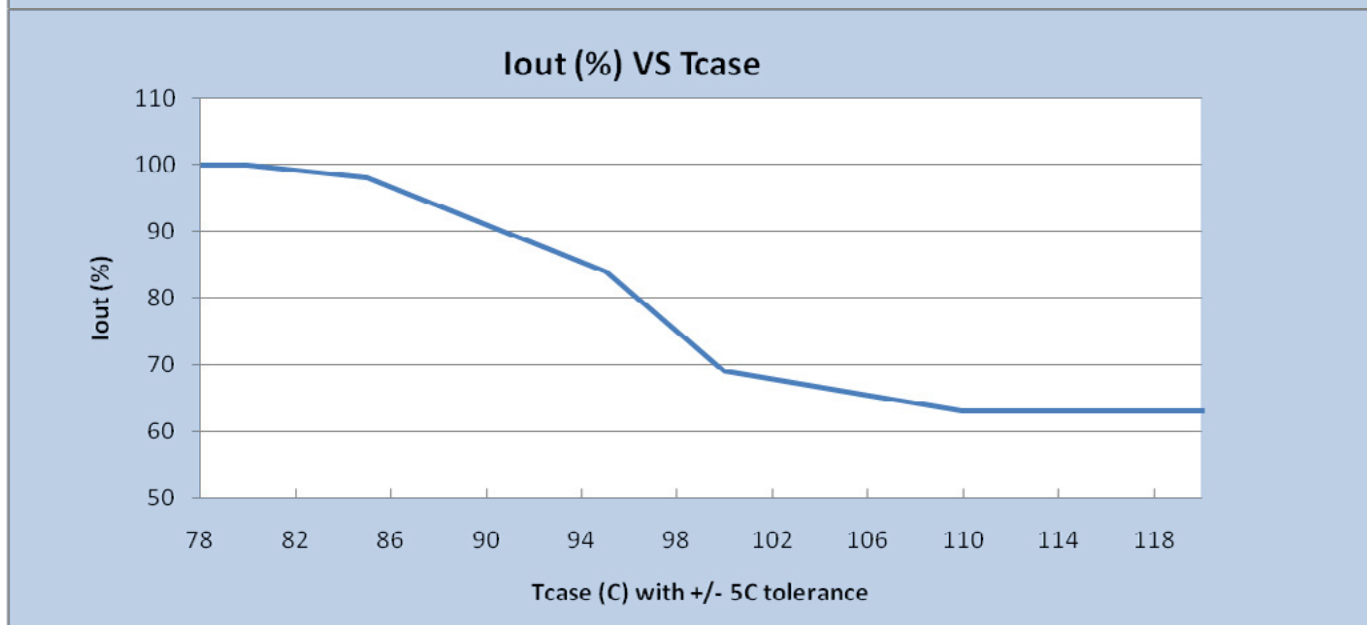
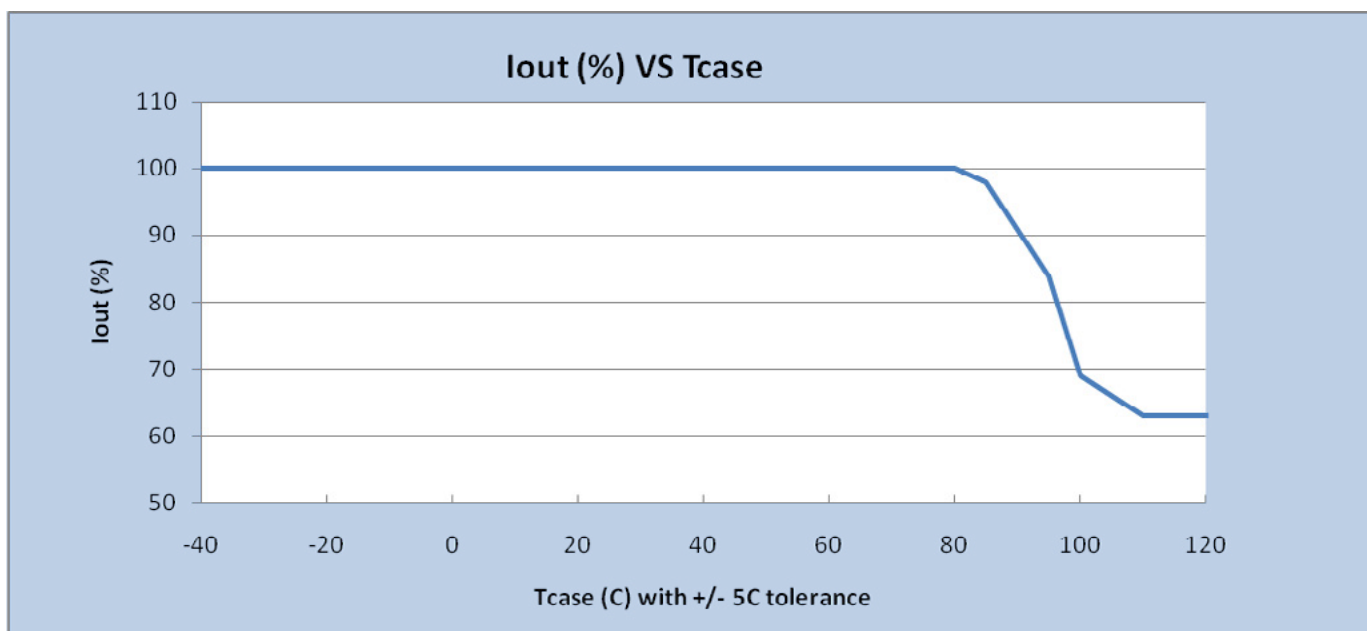


Revised 04/24/2012

Xitanium LEDINTA0350C425DO

150W 0.35A Dimming

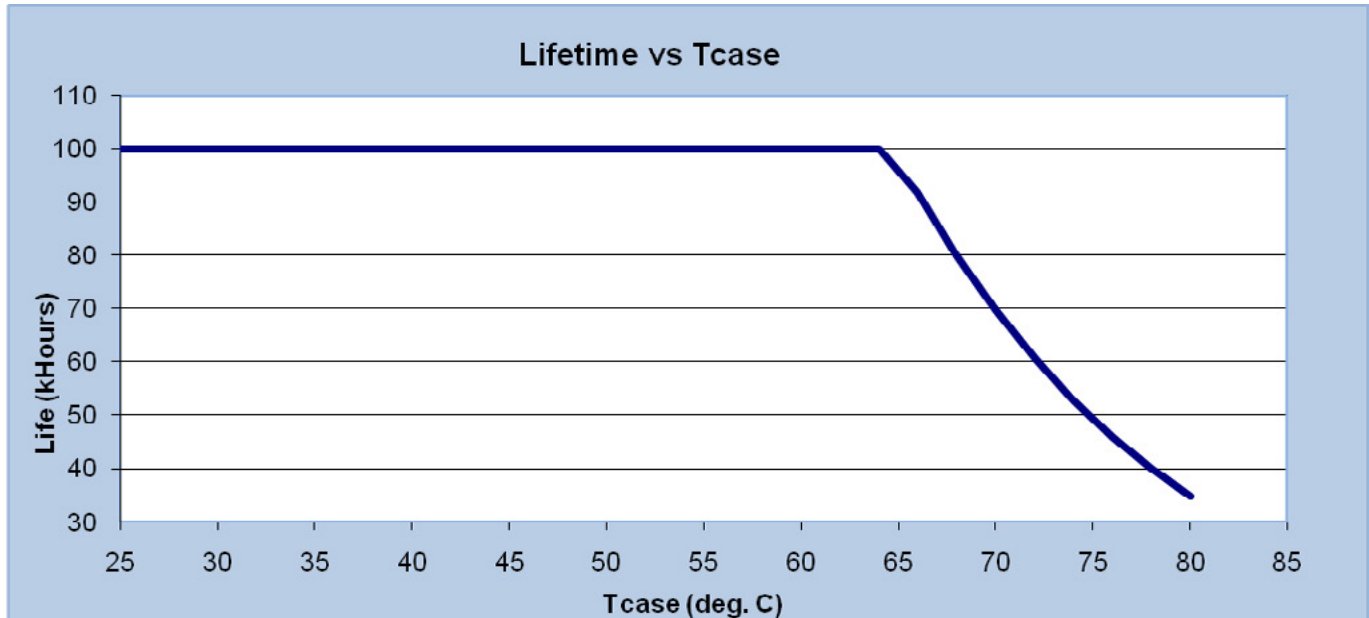
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Revised 04/24/2012

Xitanium LEDINTA0350C425DO

150W 0.35A Dimming



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	02/06/2012	*Update Standard Lead Length	M.A.	
4.1	02/27/2012	*Modify Part # (Remove Dashes)	N.T.	
5.1	04/09/2012	*Add Installation & Application Notes: Section II Performance – 2.4: Max Switching Cycles	N.T.	
6.1	04/17/2012	*Remove Min. Output Power (W)	N.T.	
7.1	04/18/2012	* Add Approbations: UL,CSA	N.T.	
8.1	04/24/2012	*Add Installation & Application Notes: Section II Performance – 2.5: Thermal Protection	N.T.	

The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract.

