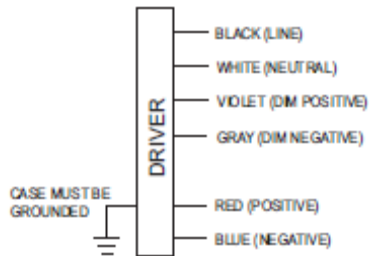


LEDINTA700CI05DHO	
Brand Name	XITANIUM
Description	75W 0.70A 0-10V Dimming
Input Voltage	120~277V
Input Frequency	50/60Hz
RoHS	Yes
Status	Active

Electrical Specifications

Max. Output Power (W)	Output Voltage (V)	Output Current (A)	Tcase Max	Input Current (A)	Max. Input Power (W)	Inrush Current (A _{pk} /50%- μ s)	Max. THD (%)	Min. Power Factor	Surge Protection (KV)	Weight (Lbs)	IP Rating
75	30~105	0.70	80°C	0.68@120V 0.30@277V	82	120 / 130	20	0.90	2.5	0.83	IP66

Wiring Diagram



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

Standard Lead Length

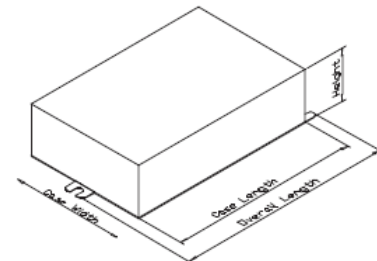
	in.	cm.
Black	10	25
White	10	25
Blue	10	25
Red	10	25
Gray	10	25
Violet	10	25

Maximum Wiring Distance (at full load)

Wire Size (AWG)	Distance (feet)
26	8
24	13
22	21
20	34
18	54
16	85
14	137
12	210
10	357

Dimming Method	Dimming Range (%)	Min. Output Power(W)	Dimming Source Current
1-10V Isolated	100% ~ 10%	21	150uA

Enclosure



	in. (mm)
Case Length	5.7 (147)
Case Width	3.6 (92)
Case Height	1.5 (38)
Mounting Length	6.0 (152)
Mounting Width	2.9 (73)
Overall Length	6.3(161)



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LEDINTA700C105DHO	
Brand Name	XITANIUM
Description	75W 0.70A 0-10V Dimming
Input Voltage	120~277V
Input Frequency	50/60Hz
RoHS	Yes
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 life expectancy of 50,000 hours at Tcase of ≤ 75°C.
- 2.5 LED Driver has a life expectancy of 100,000 hours at Tcase of ≤ 65°C.
- 2.6 LED Driver has a typical self rise of 25°C at maximum load in open air without heat sink.
- 2.7 LED Driver maximum allowable case temperature is 80°C – see product label for measurement location.
- 2.8 LED Driver reduces output power to LEDs if max allowable case temperature is exceeded.
- 2.9 LED Driver has a failure rate of ≤ 0.01% per 1,000 hours at Tcase ≤ 70°C.
- 2.10 LED Driver tolerates sustained open circuit and short circuit output conditions without damage.
- 2.11 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 Consideration should be given to measuring the temperatures on electronic components of power circuits and transformer windings when the unit is exceeding Tcase specified below in the end-use equipment. Magnetic components L3, L5, T2, and T3 employ Class 130(B) insulation. (B) insulation.
- 3.3 The driver is suitable for use in “DAMP” and “DRY” locations.
- 3.4 The dimming circuit has not been evaluated and should be considered as part of the primary circuit in the end-use application.
- 3.5 When the drivers are installed in the end-use application, the case temperature at the location identified in Illustration-1 should not exceed the temperature limits specified in the following table:

Model No.	Input Voltage, Hz	Max. Case
LEDINTA700C105DHO LEDINTA350C210DHO	120/277 V, 50/60 (Horizontal)	80°C
LEDINTA700C105DHO LEDINTA350C210DHO	120/277 V, 50/60 (Vertical)	80°C

- 3.6 The enclosure of these drivers must be connected to Earth Ground in the end-use application.

LEDINTA700CI05DHO	
Brand Name	XITANIUM
Description	75W 0.70A 0-10V Dimming
Input Voltage	120~277V
Input Frequency	50/60Hz
RoHS	Yes
Status	Active

- 3.7 *The primary, secondary, and dimming circuit leads are R/C (AVLV2), 18AWG, rated 600V, 105°C. The suitability of the leads is to be determined in the end-use application.*
- 3.8 *The maximum measured leakage current was 0.71 MIU.*