



LED DRIVERS

PRODUCT OVERVIEW :

Representing a flexible and cost-effective solution for the market's wide variety of applications requiring lower levels of illumination, Advance's Xitanium™ Low Power Drivers for 350mA and 700mA LEDs offer maximum performance and unprecedented design freedom. Supporting 1-3 Luxeon I models, 1-2 Luxeon III models, or 1 Luxeon V model by Lumileds as well as a range of market-equivalent LEDs, Advance's Xitanium low power drivers optimally support high lumen general lighting applications as well as the market's needs for orientation/step, spot, task, decorative, gaming, and appliance lighting in a variety of commercial and public settings.

Versatile and compact, the 350mA and 700mA Xitanium models are nearly 50% smaller in length than Advance's previous offerings to optimally support new, low-profile fixture designs. The drivers carry a CSA listing and feature UL Class 2 rating with inherent short-circuit protection for added safety and ease of maintenance. Long lasting and reliable, their tightly regulated output (1% line and 5% load) ensures consistent light output regardless of line conditions, load levels, and ambient temperatures, and the drivers offer low temperature performance down to -40°F/°C to enable their use in any outdoor application. The drivers additionally operate models from 120V-240V, 50/60 Hz to reliably support a range of global voltages. Drivers are rated for 50,000 hours of life.

High-performing and energy-efficient, Advance's Xitanium Low Power Drivers for 350mA and 700mA LEDs represent a breakthrough in LED driver technology for a broad range of low power LED lighting applications.



DESIGN HIGHLIGHTS:

- Compact and lightweight housing measuring some 50% smaller in length than Advance's previous 350mA and 700mA offerings
 - Promotes enhanced versatility and design flexibility for the market's wide range of applications requiring lower levels of illumination
 - Drivers easily blend into modern fixture designs to support a range of visual and aesthetic objectives
- 350mA and 700mA drivers support 1-3 Luxeon I models, 1-2 Luxeon III models, or 1 Luxeon V model by Lumileds as well as a range of market-equivalent LEDs
 - Facilitates new, low-profile fixture design
 - Highly compatible with current market offerings
- CSA-listed and UL Class 2-rated with inherent short-circuit protection
 - Ensures safety, reliability, and ease of maintenance
- Tightly regulated output (1% line and 5% load)
 - Ensures consistent light output regardless of line conditions, load levels, and ambient temperatures
- Low temperature performance down to -40°F/°C
 - Enables the drivers' reliable use in any outdoor application and in a wide range of extreme temperature conditions
- Supports lamp models from 120V-240V, 50/60 Hz
 - Reliably operates LEDs in a range of global voltages
- 3-year warranty

APPLICATIONS:

- *Undercabinet Lighting*
- *Gaming/Casino Lighting*
- *Spot/Track Lighting*
- *Task Lighting*
- *Orientation/Step Lighting*
- *Appliance Lighting*

Xitanium

Quick Selection Table

Xitanium Catalog Number	Description	Application
LEDUNIA0350C12F	4 Watt 350mA	<ul style="list-style-type: none"> • 1-3 Luxeon I
LEDUNIA0700C12F	8 Watt 700mA	<ul style="list-style-type: none"> • 2, 4, or 6 Luxeon I • 1 6-up Luxeon I strip or disk • 1-2 Luxeon III • 1 Luxeon V

LED Driver Specifications

Description	Xitanium Catalog Number	Input		Output				Case Temp Max (°F/°C)
		Volts (V)	Current Max (A)	Power Min (W)	Power Max (W)	Current Nom (A)	Voltage Range (V)	
4 Watt	LEDUNIA0350C12F	120±10% 230±10%	0.09 0.04	1.0	4.0	0.35	2.8 ~ 12.0	149 / 65
8 Watt	LEDUNIA0700C12F	120±10% 230±10%	0.18 0.09	2.0	8.0	0.70	2.8 ~ 12.0	149 / 65

- Environmental Protection: IP20 dry location
- Safety: UL Class 2 (US/CAN)' CSA' CE' Inherent short-circuit protection, self-limited overload protected
- AC Input and DC Output: 2 (0.5mm²) stranded wires, 10cm long
- Case Material: Plastic, UL94VO flame retardant, white color
- Dimensions: 2.6" x 1.4" x 0.9" (65 x 35 x 23 mm)
- Weight: 0.13lbs (60 grams)