

7006 BUCKBULLET™

Low-voltage AC LED Power Module

PRODUCT OVERVIEW

The 7006 BuckBullet™ AC Driver is a constant current device that allows operation of LEDs from low-voltage AC power (8-24VAC). Its moisture-resistant design allows for outdoor use with landscape lighting systems. High-speed electronics allow it to be used with either magnetic transformers or 12VAC electronic transformers commonly found in accent lighting systems.



FEATURES

- ✓ AC input voltage up to 24VAC RMS
- ✓ True constant current output 350mA, 500mA or 700mA*
- ✓ Extremely small form factor* (0.5"d x 2"l)
- ✓ Output open and short circuit protection
- ✓ Not affected by voltage drops on long wire runs

TYPICAL APPLICATIONS

- ✓ Landscape & Garden Lighting
- ✓ General Illumination Lighting
- ✓ Sign Lighting
- ✓ Signal & Marker Lighting
- ✓ Architectural Lighting



Figure 1.
Wiring Connections

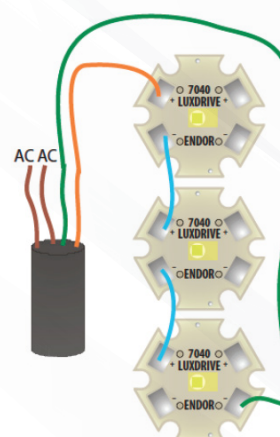


Figure 2.
BuckBullet™ powering (3) Endor Stars in series
($V_{IN} \geq 12VAC$)



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Part Number Identification Table

Part Number	AC Input	Output Current
7006-H-350	8-24V	350mA
7006-H-500	8-24V	500mA
7006-H-700	8-24V	700mA

Cautions:

Input Voltage, maximum 24VAC RMS, 34VAC Peak

Do NOT connect LED + or LED-to either VIN or Case Ground
Do NOT operate above rated temperature

Typical Characteristics

Output current tolerance	±10%
Efficiency	Up to 95%
Input Voltage Minimum	8VAC
Input Margin (VAC Input -VLEDs)	3VAC
Ripple Current (3 LEDs, 12VAC)	15%

Specifications

Output current, 7006-H-350	350mA
Output current, 7006-H-500	500mA
Output current, 7006-H-700	700mA
Operating temperature	-40-+60°C
Storage temperature	-40-+ 125°C