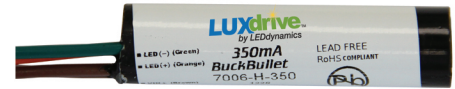


## Product Overview

The 7006 BuckBullet<sup>TM</sup> 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

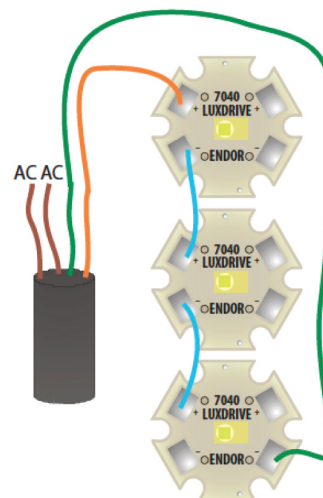
- AC input voltage up to 24VAC RMS
- True constant current output 350mA, 500mA or 700mA\*
- Extremely small form factor\* (0.5"d x 2"l)
- Output open and short circuit protection
- Not affected by voltage drops on long wire runs

## Typical Applications

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



**Figure 1.**  
**Wiring Connections**



**Figure 2.**  
**BuckBullet<sup>TM</sup> powering (3) Endor Stars in series**  
**(V<sub>IN</sub> ≥ 12VAC)**



## Part Number Identification Table

Part Number	AC Input	Ouput 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 . . . . .  $\pm 10\%$   
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 . . . . .  $-40$  to  $+60^{\circ}\text{C}$   
Storage temperature . . . . .  $-40$  to  $+125^{\circ}\text{C}$