

# ezyLED™

Patented LED chip  
design reduces circuit  
driver complexity



**Tight-fitting LED  
implementation made easy!**

**LED** AMERICAN  
BRT BRIGHT

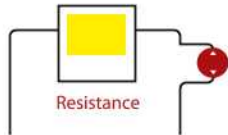
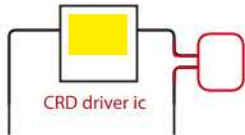



## What is ezyLED?

Introduction: ezyLED™ is proprietary and patented LED device with a built-in IC chip which drastically reduces the need for additional capacitors, coils or resistors. ezyLEDs are connected in parallel and can be driven from 12V DC or 24V DC sources. Luminous intensity remains constant even with fluctuations in voltage inputs. The 2020 and 3030 packages allows for quick design and scale changes without the need for new driver boards making this the ideal solution for tight fitting applications

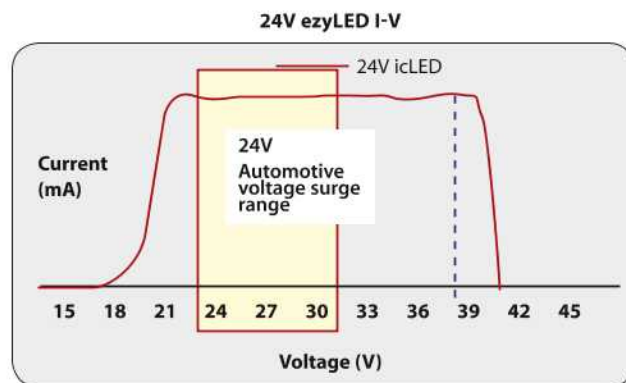
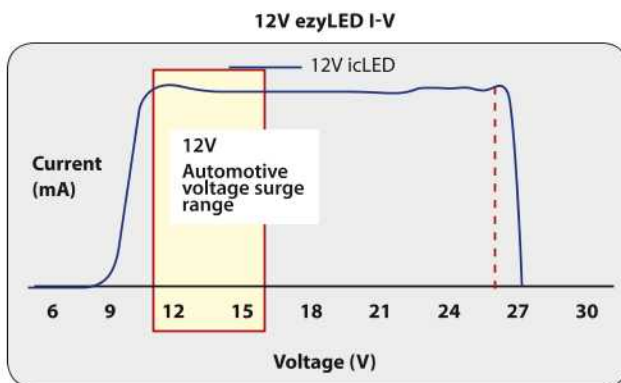
### FEATURES:

- Wide Voltage input range for easy adoption
- Constant Voltage IC with built in bridge rectifier
- Available in single colors and RGB
- Wide Voltage input range for easy adoption.
  - o 12 V DC: 10.5 - 24V
  - o 24 V DC: 22.5 - 36V

COMPARISON			
	 <p><b>Common LED</b> Resistance DC Voltage</p>	 <p><b>Common LED</b> CRD driver ic DC Voltage</p>	 <p><b>ezyLED</b> DC Voltage</p>
<b>ADVANTAGES</b>	<ul style="list-style-type: none"> <li>• Inexpensive</li> </ul>	<ul style="list-style-type: none"> <li>• Long Life</li> <li>• Stable</li> </ul>	<ul style="list-style-type: none"> <li>• Longer Life</li> <li>• Stable</li> <li>• All-in-one design</li> <li>• Small volume</li> <li>• Easy to process</li> </ul>
<b>DISADVANTAGES</b>	<ul style="list-style-type: none"> <li>• Short life</li> <li>• Huge volume</li> <li>• Compatible Issue</li> <li>• Complicated process</li> </ul>	<ul style="list-style-type: none"> <li>• Huge volume</li> <li>• Compatible issue</li> </ul>	

## The advantages of the ezyLED?

Wide Voltage Flexibility. The Max breakdown voltages for 12V/24V product is 24V/36V



AC Module | SMD | PLCC | Through Hole | Infrared | Custom Assembly