The LinDrive Series of Constant Voltage Class 2 LED Drivers offer smooth flicker free dimming with a wide variety of compatible dimmers. The drivers low profile plastic enclosure enables easy and safe installation making it the perfect choice for under cabinet lights, tape lights and various LED fixture installations. Our electrical specification includes auto reset, over current and short circuit protection. As always, 5-year warranty is a standard on all of Magnitude’s products.

**QUICK SPECS**

<table>
<thead>
<tr>
<th>Input Voltage</th>
<th>Max Output Power</th>
<th>Output Voltage</th>
<th>Output Current</th>
<th>Efficiency @ Max Load</th>
<th>Env. Protection Rating</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-130VAC</td>
<td>20W</td>
<td>24VDC</td>
<td>840mA</td>
<td>&gt; 82%</td>
<td>IP21</td>
<td>198gr / 6.98oz</td>
</tr>
</tbody>
</table>

**ENCLOSURE DETAILS**  In. (mm)

<table>
<thead>
<tr>
<th>Length</th>
<th>6.1 (154.7)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mounting Length</td>
<td>5.8 (146.6)</td>
</tr>
<tr>
<td>Width</td>
<td>2.1 (53.7)</td>
</tr>
<tr>
<td>Height</td>
<td>0.8 (20)</td>
</tr>
</tbody>
</table>

**FEATURES**

- Phase Cut Dimmable
- Dim down to 1%
- Super compact plastic case, less than 1” high.
- Class 2
- ETL Listed
- Auto-Reset Protection for short circuits & over-voltage.
## SPECIFICATIONS

### Input
- **Input Voltage Range**: 100 - 130VAC
- **Input Frequency**: 47 - 63Hz
- **Input Current**: 0.5A Max
- **Inrush Current**: 9A Max
- **Efficiency**: > 82% @Max Load
- **Power Factor**: > 0.65

### Output
- **Output Voltage**: 24VDC
- **Output Current**: 840mA Max
- **Line Regulation**: ± 3%
- **Load Regulation**: ± 3%
- **Turn On Delay Time**: < 0.4 Sec @Max Load

### Environmental
- **Env. Protection Rating**: Dry and Damp Locations
- **Operating Ambient temperature**: -25ºc - +45ºc
- **Max Case Temp. (Tcase)**: 75ºc for a 5 year warranty
- **Storage temperature**: -40ºc - +80ºc
- **Expected life time**: 50K Hours > 75ºc Tc Max
- **Audible Noise**: < 24db Class A

### Dimming
- **Dimming Control**: Phase cut
- **Dimming Range**: 1 - 100%
- **Minimum Dimming Level**: 1%

### Protections
- **Over Current Protection**: Yes, CC mode
- **Short Circuit Protection**: Yes, Hiccup mode
- **Over Voltage Protection**: Yes
- **Over Temperature Protection**: Yes, Hiccup mode
- **Over Load Protection**: Yes, CC mode
**Mechanical & Housing Specification**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>155mm / 6.10&quot;</td>
</tr>
<tr>
<td>Width</td>
<td>54mm / 2.12&quot;</td>
</tr>
<tr>
<td>Height</td>
<td>20mm / 0.78&quot;</td>
</tr>
<tr>
<td>Housing Material</td>
<td>ABS</td>
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<tr>
<td>Housing Color</td>
<td>Blue</td>
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<tr>
<td>Connectors type</td>
<td>Terminals 14-26 AWG</td>
</tr>
<tr>
<td>Weight</td>
<td>198g / 6.98oz</td>
</tr>
</tbody>
</table>

**Approval Markings**

| Certificates / Approval signs | ETL Listed under UL 8750 and 1310 |