**LINEARdrive**

LINEARdrive gives you infinite colour control for low-voltage LED applications ranging from single colour for accent and cove lighting all the way up to RGBW for full colour entertainment product solutions. This constant voltage LED driver is DMX/RDM compatible and allows you to create your colour or dynamic show without an external controller. Symbiosis ensures the LED driver works seamlessly together with LED modules, controls and intelligent luminaire elements.

### Product offering

**LINEARdrive 180/D-BIS**

<table>
<thead>
<tr>
<th>Part number (P/N)</th>
<th>LIN180D3-BIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product description</td>
<td>LINEARdrive, 180W, DMX/RDM, 4 control channels, constant voltage, 4 outputs, plastic long</td>
</tr>
</tbody>
</table>

### Order number configurator

**0000000000**

<table>
<thead>
<tr>
<th>P/N</th>
<th>LED driver part number</th>
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</thead>
</table>

### Warranty

<table>
<thead>
<tr>
<th>Warranty period</th>
<th>General Terms and Conditions</th>
</tr>
</thead>
</table>

### Contact details

<table>
<thead>
<tr>
<th>Project name:</th>
<th>Contact details:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project number:</td>
<td></td>
</tr>
<tr>
<td>LED driver order number:</td>
<td></td>
</tr>
</tbody>
</table>
### Electrical specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driver type</td>
<td>Constant voltage</td>
</tr>
<tr>
<td>Number of LED outputs</td>
<td>4</td>
</tr>
<tr>
<td>Maximum LED output power</td>
<td>180W</td>
</tr>
<tr>
<td>LED output load</td>
<td>RGBW @ 12V: 1.5A</td>
</tr>
<tr>
<td></td>
<td>RGB @ 12V: 2A</td>
</tr>
<tr>
<td></td>
<td>RGBW @ 24V: 1.5A</td>
</tr>
<tr>
<td></td>
<td>RGB @ 24V: 2A</td>
</tr>
<tr>
<td>LED output voltage</td>
<td>12 - 24V</td>
</tr>
<tr>
<td>Nominal input voltage DC</td>
<td>12 - 28V</td>
</tr>
<tr>
<td>Maximum input current</td>
<td>6A, irrespective of PSU voltage</td>
</tr>
<tr>
<td>Control protocol</td>
<td>DMX/RDM</td>
</tr>
<tr>
<td>Control channels</td>
<td>4</td>
</tr>
</tbody>
</table>

### Dimensions, weight, packaging

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length (L)</td>
<td>typical: 153 mm / 6.02 in</td>
</tr>
<tr>
<td>Width (W)</td>
<td>typical: 50 mm / 1.97 in</td>
</tr>
<tr>
<td>Height (H)</td>
<td>typical: 23 mm / 0.91 in</td>
</tr>
<tr>
<td>Weight</td>
<td>120 g</td>
</tr>
<tr>
<td>Products per box</td>
<td>12 pcs</td>
</tr>
</tbody>
</table>

### Connector layout

![Connector layout diagram]
Certifications

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