3D LED Flex 40
Modular, flexible LED linear lighting system IP 20, IP 44 and IP 65
The Morgan 3D LED Flex system has been developed for use in indirect architectural lighting projects such as cove lighting and wall wash lighting applications where the building surfaces are non linear with curved profiles and facades.

The Morgan 3D LED Flex system incorporates an articulated joint system joining the LED heat sinks that allows the system to follow curved building surfaces while maintaining a constant 25 mm or 50 mm spacing between the LEDs thus ensuring continuous lit effects without shadows or dark areas.

The friction ball joint allows adjustment in three dimensions so that the system can be installed to follow complex building profiles. A variety of mounting hardware is available for many applications and custom mounts can be developed for specific projects.

After installation the individual modules can be adjusted by hand to optimise the light distribution. The ball joint design ensures that the modules will remain in position after adjustment and a locking mechanism is available.

Each LED heat sink module can operate up to 5 Watts of LEDs giving a total light output of up to 3,000 lumens per mtr depending on the colour temperature and LED type.

Extruded modules allow longer lengths to be produced for rectilinear spaces. The extruded modules link seamlessly with the 100 mm modules for continuous lighting without any dark areas.

The system has versions for both interior and exterior applications with IP ratings of IP 20, IP 44 and IP 65.

System efficiency depends on drive current and colour temperature of the LEDs. With 3,700 K 80 CRI LEDs run at 350 mA a typical system efficiency of over 60 lumens per circuit Watt is achieved.

**3D LED Flex 40**

Modular, flexible LED linear lighting system

**Rad 3D LED Flex 40 IP 20 NCSL - 4 LEDs per module**

- Integral UV constant current driver 350 mA
- 5 Watts per 100 mm. 30 Volt DC Supply
- Dimming 1 - 10V and DALI

**Rad 3D LED Flex 40 IP 20 NS6 - 4 LEDs per module**

- Integral UV constant current driver 350 mA
- 5 Watts per 100 mm. 30 Volt DC Supply
- Dimming 1 - 10V and DALI

**Rad LED Flex 40 NCSL - 4 LEDs per module**

- Integral UV constant current driver 350 mA
- 5 Watts per 100 mm. 30 Volt DC Supply
- Dimming 1 - 10V and DALI

**Rad LED Flex 40 NS6 - 4 LEDs per module**

- Integral UV constant current driver 350 mA
- 5 Watts per 100 mm. 30 Volt DC Supply
- Dimming 1 - 10V and DALI

**Rad 3D LED Flex 40 IP 65 NCSL - 4 LEDs per module**

- Integral UV constant current driver 350 mA
- 5 Watts per 100 mm. 30 Volt DC Supply
- Dimming 1 - 10V and DALI

**Rad 3D LED Flex 40 IP 65 NS6 - 4 LEDs per module**

- Integral UV constant current driver 350 mA
- 5 Watts per 100 mm. 30 Volt DC Supply
- Dimming 1 - 10V and DALI
Create an order-code by selecting one option from each column in the table below.
e.g. 3D LED FLEX 40 . IP20 . 4 . 7-7/8” . 40K . CRI 80 . E . Adjustable . Clear . End . Black

<table>
<thead>
<tr>
<th>Product</th>
<th>Code</th>
<th>No. of LEDs</th>
<th>Length</th>
<th>Colour Temp. (K)</th>
<th>CRI</th>
<th>Optics</th>
<th>Bracket Type</th>
<th>Cover</th>
<th>Feed</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>3D LED FLEX 40</td>
<td>40</td>
<td>4=25mm</td>
<td>7-7/8” to 5’10”</td>
<td>27=2,700k</td>
<td>80</td>
<td>120°/E32+14”</td>
<td>Direct fixing side</td>
<td>Clear</td>
<td>Filter</td>
<td>Black</td>
</tr>
<tr>
<td></td>
<td>44</td>
<td>2=50mm</td>
<td>5’10” to 7/8”</td>
<td>30=3,000k</td>
<td>90</td>
<td>W (50”)</td>
<td>Direct fixing end</td>
<td>End</td>
<td>Side Back</td>
<td>White</td>
</tr>
<tr>
<td>3D LED FLEX 40-extruded</td>
<td>LED-spacing</td>
<td>Increments of 3-15/16”</td>
<td>35=3,500k</td>
<td></td>
<td></td>
<td>M (31”)</td>
<td>Adjustable</td>
<td></td>
<td></td>
<td>Any RAL-colour</td>
</tr>
</tbody>
</table>