Luminus UVA and UVC LEDs offer an extensive range of power, wavelength and package options to address a wide variety of applications. Luminus UVC LEDs are designed for applications such as sterilization of medical devices, water and air purification, and surface disinfection. The 275-285 nm LEDs range in power outputs from 3 mW to 100 mW. Luminus UVA LEDs are used in demanding applications such as curing, 3D Printing and medical endoscopy. The 365-405 nm LEDs are available in SMT and coreboard packages, with power outputs ranging from 1 W-30 W.

**FEATURES & BENEFITS**

**UVC**
- Up to 100 mW of UVC output per package.
- Narrow (60°) and wide (130°) viewing angle packages for directional applications and flood exposure.

**UVA**
- UVA wavelengths: 365 nm, 385 nm, 395 nm, and 405 nm.
- Optical power output from <1 W to 30 W.
- Superior thermal management.

**DISINFECTION & STERILIZATION**
- Air Purification
- Water Purification
- Surface Disinfection
- Medical Device Sterilization
- Appliance Sterilization
- Food & Beverage Preparation

**UV CURING**
- Printing
- Coatings
- Adhesives
- Packaging

**3D PRINTING, ADDITIVE MANUFACTURING & INDUSTRIAL**
- 3D Printing
- Machine Vision
- Maskless Lithography
- Scientific Instrumentation
- Curing
- Fluorescence Imaging

**MEDICAL & LIFE SCIENCES**
- Endoscopy
- Fluorescence Microscopy & Imaging
- Microscopy & Instrumentation
# UVC PRODUCT PORTFOLIO

<table>
<thead>
<tr>
<th>Product Image</th>
<th>Product Family</th>
<th>Peak Wavelength</th>
<th>Package</th>
<th>Max Drive Current</th>
<th>Optical Power at Max Drive Current</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>XBT-1313-UV</td>
<td>280-285 nm</td>
<td>SMT 1.3 mm x 1.3 mm</td>
<td>40 mA</td>
<td>3.5 mW - 7 mW</td>
</tr>
<tr>
<td></td>
<td>XST-3535-UV</td>
<td>275-285 nm</td>
<td>SMT 3.5 mm x 3.5 mm</td>
<td>800 mA</td>
<td>80 mW - 110 mW</td>
</tr>
<tr>
<td></td>
<td>XBT-3535-UV</td>
<td>275-285 nm</td>
<td>SMT 3.5 mm x 3.5 mm</td>
<td>800 mA</td>
<td>70 mW - 100 mW</td>
</tr>
</tbody>
</table>

# UV-A PRODUCT PORTFOLIO

<table>
<thead>
<tr>
<th>Product Image</th>
<th>Product Family</th>
<th>Peak Wavelength</th>
<th>Package</th>
<th>Max Drive Current</th>
<th>Optical Power at Max Drive Current</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SST-10-UV</td>
<td>365 nm, 385 nm, 395 nm, 405 nm</td>
<td>SMT 3.45 mm x 3.45 mm</td>
<td>1.0 A</td>
<td>1.3 W - 1.6 W, 2.5 W - 2.7 W, 2.2 W - 2.5 W</td>
</tr>
<tr>
<td></td>
<td>CBT-39-UV</td>
<td>405 nm</td>
<td>MCPCB 26.5 mm x 16.0 mm</td>
<td>6.0 A</td>
<td>4.0 W to 8.0 W</td>
</tr>
<tr>
<td></td>
<td>CBM-40-UV</td>
<td>365 nm, 385 nm, 405 nm</td>
<td>MCPCB 26.5 mm x 16.0 mm</td>
<td>6.0 A, 8.0 A, 8.0 A</td>
<td>3.3 W - 3.7 W, 10.8 W - 11.5 W, 9.2 W - 9.9 W</td>
</tr>
<tr>
<td></td>
<td>CBT-90-UV</td>
<td>405 nm, 415 nm</td>
<td>MCPCB 28.0 mm x 26.75 mm</td>
<td>27.0 A</td>
<td>22.5 W - 30.0 W</td>
</tr>
<tr>
<td></td>
<td>SBM-120-UV</td>
<td>365 nm, 385 nm, 395 nm, 405 nm</td>
<td>SMT 11.0 mm x 10.0 mm</td>
<td>4.5 A, 6.0 A, 6.0 A</td>
<td>14.0 W - 17.5 W, 27.2 W - 32.9 W, 24.8 W - 29.9 W</td>
</tr>
<tr>
<td></td>
<td>CBM-120-UV</td>
<td>365 nm, 385 nm, 405 nm</td>
<td>MCPCB 28.0 mm x 26.75 mm</td>
<td>24.0 A</td>
<td>16.4 W - 19.8 W, 29.9 W - 32.9 W, 27.2 W - 29.9 W</td>
</tr>
</tbody>
</table>