## Basic specifications

<table>
<thead>
<tr>
<th>Photo</th>
<th><img src="bright3ddrive.png" alt="L3C07U-9x LCD module" /></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Technology</strong></td>
<td>D8</td>
</tr>
<tr>
<td><strong>Screen size</strong></td>
<td>Diagonal</td>
</tr>
<tr>
<td></td>
<td>H x V (mm)</td>
</tr>
<tr>
<td></td>
<td>16.32 x 9.18</td>
</tr>
<tr>
<td><strong>Pixel number</strong></td>
<td>H x V</td>
</tr>
<tr>
<td></td>
<td>1922 x 1082 (1080P)</td>
</tr>
<tr>
<td><strong>Pixel pitch</strong></td>
<td>H x V (μm)</td>
</tr>
<tr>
<td></td>
<td>8.5 x 8.5</td>
</tr>
<tr>
<td><strong>Outside Dimension</strong></td>
<td>H x V x D (mm)</td>
</tr>
<tr>
<td></td>
<td>27.2 x 26.8 x 4.4</td>
</tr>
<tr>
<td><strong>Aspect Ratio</strong></td>
<td>16:9</td>
</tr>
<tr>
<td><strong>Display Colors</strong></td>
<td>Monochrome</td>
</tr>
<tr>
<td><strong>Micro Lens Array</strong></td>
<td>With Micro Lens Array</td>
</tr>
<tr>
<td><strong>Liquid Crystal</strong></td>
<td>VA mode</td>
</tr>
</tbody>
</table>
**Dimensional Outline Drawing**

- Hook
- Cover glass
- Incidence
- Outer substrate
- TFT substrate
- Display center
- Display area
- Terminal
- Polarizer absorbing axis
- Optimum viewing direction
For 3D Panel (E74A)

- external view (dimension: W240mm x H200mm)

1) Evaluation board is accompanied by the following documents.
   "instruction book", "config file (a sheet of FD)"
2) LCD Panel is not attached. Please purchase it separately.
3) Extra preparation by customer
   a. DC stabilized power supply
   b. Video signal source (LVDS)
   c. RS232C cable (for configuration)
   d. Optical source for evaluation, polarizer etc.

Usage notice
   a. Information in these documents is subject to be changed without notice.
   b. None of the documents contained herein may be copied or reprinted, whether in full or in part, without prior notice.
   c. Mentioned contents of the document were described as of August 2012.

<Contact>
©SEIKO EPSON CORPORATION 2012
Visual Device Design & Engineering Department
Visual Products Operations Division
1010 Fujimi, Fujimi-machi, Suwa-gun, Nagano-ken
399-0295 JAPAN
TEL 0266-62-6528
http://www.epson.jp/device/htps

IC Block Diagram

Video processing

R → E07140 → Hybrid → TFT-LCD
G → Hybrid
B → 12bit PROCESSING

*3