**Features VS Benefits**

* Mechanical compatibility with direct mounting of the LED modules to the LED cooler and thermal performance matching the lumen packages.

* Thermal resistance range Rth 2.63°C/W.

* Modular design with mounting holes foreseen for direct mounting of a wide range of LED modules and COB's.

* Diameter 70mm - Standard height 40mm, Other heights on request.

* Extruded from highly conductive aluminum.

2 standard colors - clear anodised - black anodised

Zhaga Book 3 Spot Light Modules Edison ,Xicato ,Bridgelux ,Osram ,Citizen ,Lumileds ,Cree , Tridonic , Vossloh-Schwabe ,Seoul ,LG ,Lustrous ,Prolight ,Samsung ,SHARP , Luminus ,Philips

1) Xicato XSM, XIM,XTM.
2) Bridgelux ES Rectangle Array Series Vero 13 and Vero18 COB engines.
3) Citizen CLL022-CLU024, CLL032-CLU034.
4) Cree XLamp CXA13xxx, CXA15xx,C5A18xx.
5) Lumileds Luxeon COB's 1203, 1204, 1205, Luxeon K arrays K12, K16.
7) Seoul Semiconductor ZC6, ZC12, ZC18,ZC25.
8) Tridonic TALEXXmodule SLE nodule engines.
9) LG Innotek LEMW18 10W, 13W, 17W.
10) Edison EdiLex SLM and EdiLex II COB LED engines.
11) Lustrous LUSTRON 6 series LL604F, LL608D, LL613F, LL620F.
12) Prolight Opto PABS, PABA, PACB, PANA.
13) Samsung LC013,LC019,LC026 COB LED engines.
14) SHARP Mini Zenigata,Tiger Zenigataa and Mega Zenigata LED engines.
15) Philips Fortimo SLM LED engines.
16) Vossloh-Schwabe LUGA Shop LED engines.
17) Luminus C##9,C##14 LED engines.

**Order Information**

Example:eLED-7040-B-#

Example:eLED-7040-M-#

1 High (mm)
2 Anodising Color
   B-Black
   C-Clear
   Z-Custom
3 Mounting Options - see graphics for details Combinations available

Ex.order code - 12 means option 1 and 2 combined

MingFa recommends the use of a high thermal conductive interface between the LED module and the LED cooler. Either thermal grease, a thermal pad or a phase change thermal pad thickness 0.1-0.15mm is recommended.
The thermal data table

<table>
<thead>
<tr>
<th>Dissipated Power Pd(W)</th>
<th>Heat sink to ambient temperature rise Ths-amb(°C)</th>
<th>Heat sink to ambient temperature rise Ths-amb(°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Heat sink to ambient thermal resistance Rhs-amb(°C/W)</td>
<td>Heat sink to ambient temperature rise Ths-amb(°C)</td>
</tr>
<tr>
<td>5</td>
<td>4.20</td>
<td>21</td>
</tr>
<tr>
<td>10</td>
<td>3.20</td>
<td>32</td>
</tr>
<tr>
<td>15</td>
<td>2.70</td>
<td>40</td>
</tr>
<tr>
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<td>2.55</td>
<td>51</td>
</tr>
<tr>
<td>25</td>
<td>2.36</td>
<td>59</td>
</tr>
</tbody>
</table>

Notes:
- Mentioned models are an extraction of full product range.
- For specific mechanical adaptations please contact MingfaTech.
- MingfaTech reserves the right to change products or specifications without prior notice.