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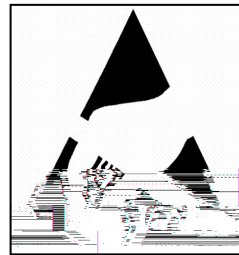
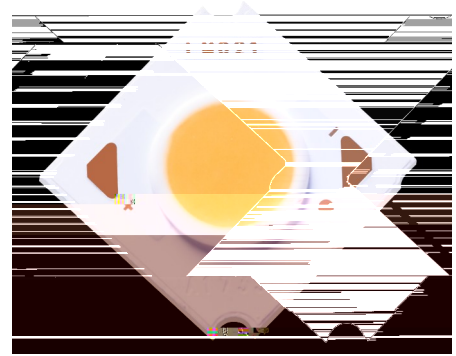
Specification

HL-LM021H384W-12B1C24(Ra2)

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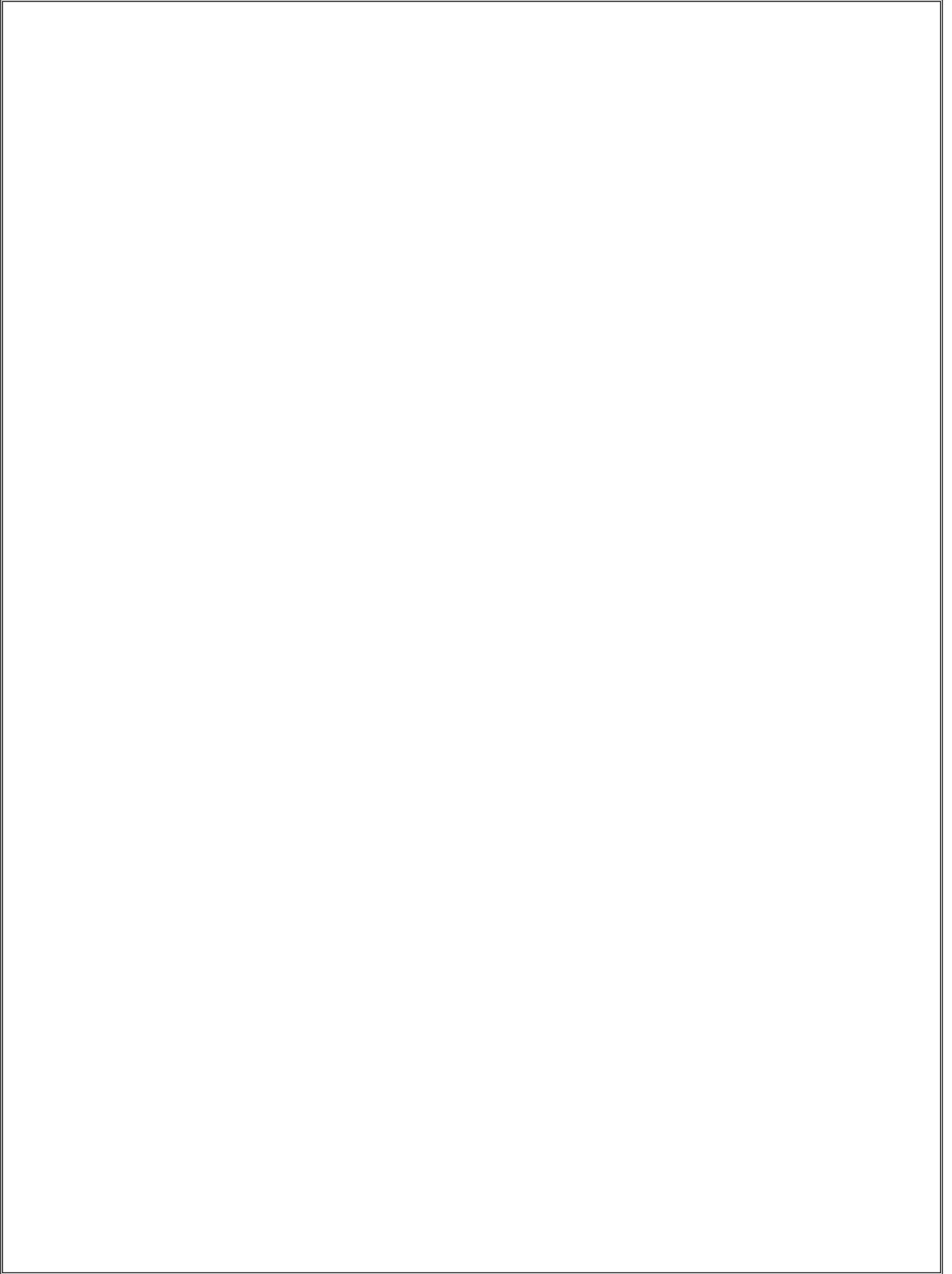


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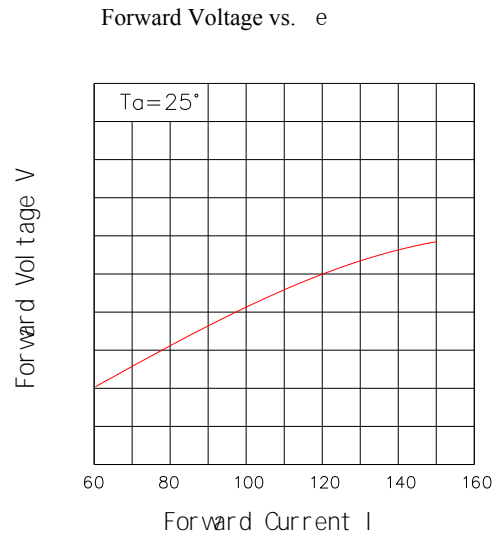
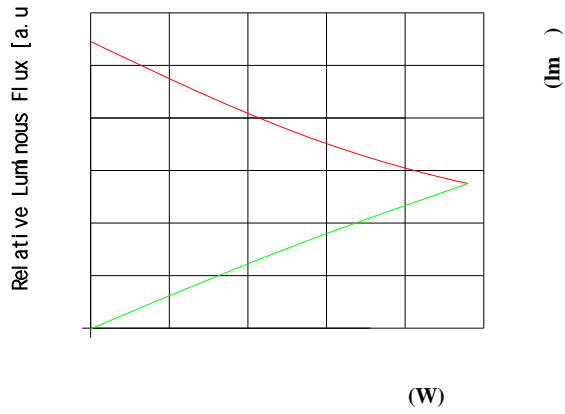
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Notes for Table

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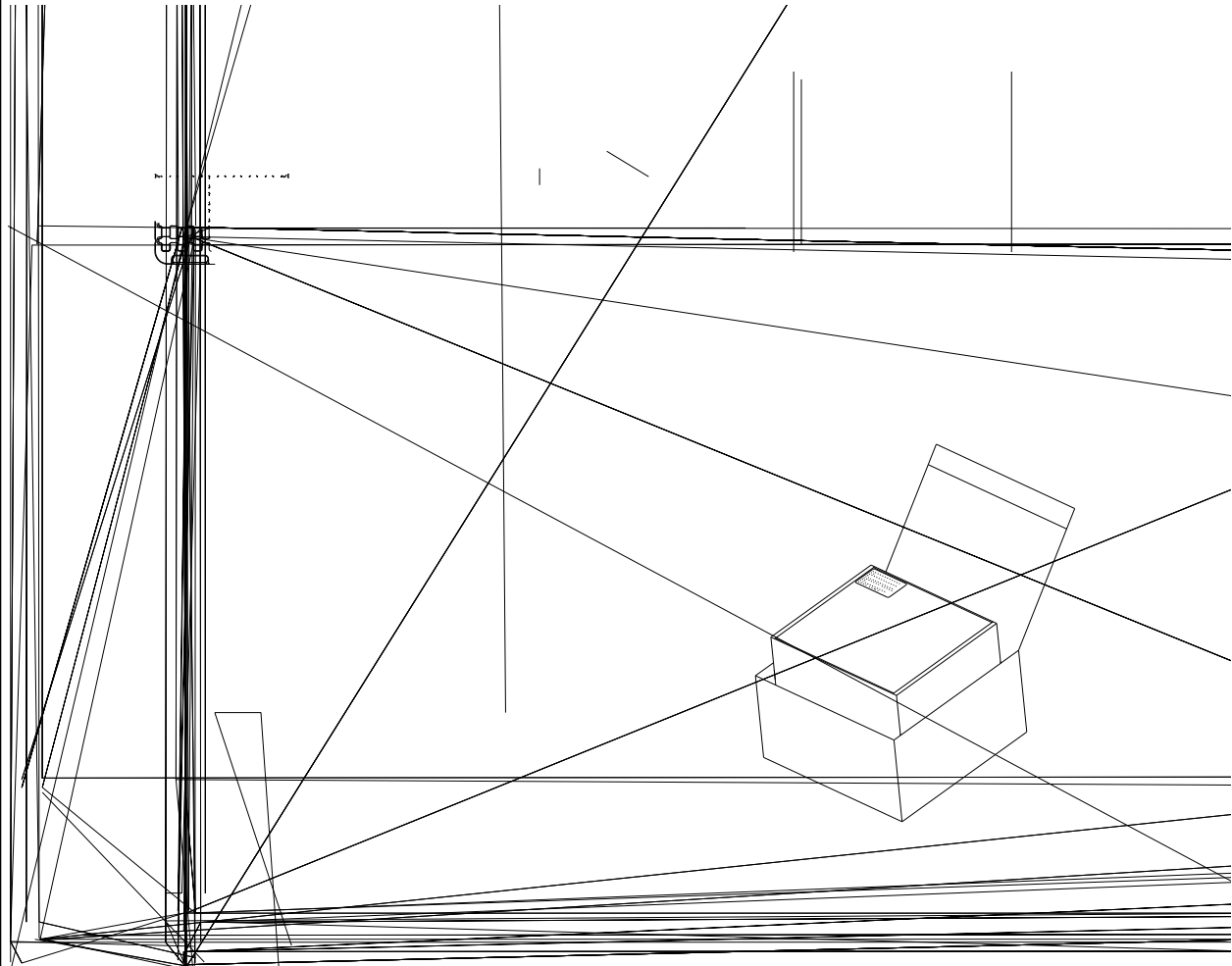




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| TYPE: | | QTY: | |
| VF: | IF: | ϕV : | |
| TC: | X/Y: | | |
| SDC/ML: | PKA: | | |
| DATE: | | LOT NO: | |

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|-----------------|--|----------------------------|--|
| | | 成品 (Product Identity Card) | |
| (Description): | | 品名 | |
| 型号 (Type): | | 产品 | |
| 颜色 (Color): | | 发光 | |
| (QTY): | | 数量 | |
| 批号 (LOT NO): | | 生产 | |
| 日期 (Date): | | 出货 | |
| 操作员 (Operator): | | 操 | |





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Precaution for use ()

1. Storage

To avoid moisture, we recommend storage conditions for the unopened LED +5 ~ +30 °C, relative humidity <60%. LED should be used within 168 Hrs. of opening the package. Please make sure to dehumidify and vacuum pack the remaining/ unused LED. Dehumidifying condition: +120 ° C ± 5 ° C, 04 Hrs. Effective age for the sealed led is one year.

2. The soldering precautions

Soldering conditions: Reflow soldering is not recommended for this LED. If hand soldering, set soldering iron temperature at 350°C and soldering time not More than 5 seconds, after the first soldering, make sure the substrate surface temperature returns to ambient temperature before a second soldering. Please make sure when soldering, there is no external force on the soldering surface and silicon batardeau (such as pressure, friction or sharp metal nails, etc.), to avoid gold wire deformation or damage and other abnormalities. If beyond recommended conditions, we cannot guarantee the LED stability, please do the risk assessment first.

During assembly, please ensure that a good quality thermal paste is applied and distributed evenly over the surface. While using thermal pad (Heat Sink), make sure LED is firmly tightened and there is no gap between surfaces. In such heat-media products, through a pressure test of at least 500 volts.

3. Anti-Static Measures

Please take adequate measures to prevent electrostatic generation, such as wearing electrostatic ring or anti-static fingerstall etc; any relative products like plant equipment, machinery, carrier and transpor-

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4. Temperature Control

The temperature of Aluminum PCB do not exceed 95 If the input power reach 80% max P_i , the temperature of Aluminum PCB should be control below 85 COB recommendation colloid

5. The drive control :

Drive this product at constant current. Output current range specifications should be according to the operational and other conditions, as mentioned in data sheet. Before using a constant voltage source or altered specifications other than recommended, please consider risk factors.

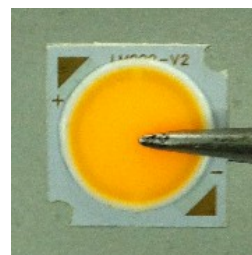
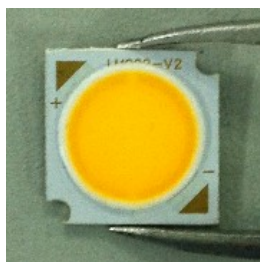
6. Other

Product is not suitable to use in following conditions

- Direct or indirect wet / damp conditions, such as rain, etc.;
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- In contact with sea water and erosive materials
-
- Exposed to corrosive gases (e.g., Cl_2 , H_2S , NH_3 , SO_x , NO_x , etc.);
- ($Cl_2, H_2S, NH_3, SO_x, NO_x$)
- Exposed to dust, liquids or oils;
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— COB 2000PPM

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