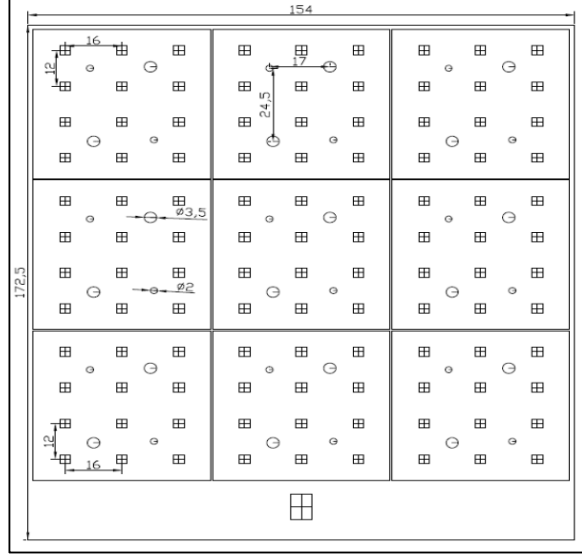
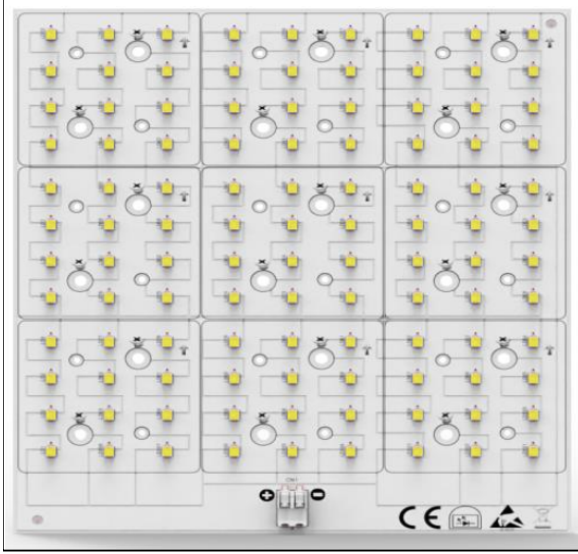




**Common Characteristic [ @Tj : 85°C ] ;**

| Module Code                  | 4087N-SQ27S04PCC-XXO1-L108-C01-160L1A2H35-172,5X154 | Electrical Connection |     |
|------------------------------|-----------------------------------------------------|-----------------------|-----|
| PCB Material                 | ALU                                                 |                       |     |
| Operating Temperature (°C)   | -40 ~ +85                                           | Parallel              | 4   |
| Storage Temperature (°C)     | -40 ~ +55                                           | Series                | 27  |
| Thermal Conductivity (W/m-K) | 1>                                                  | LED Quantity          | 108 |

| LED                                | SAMSUNG LM302D |       |        |
|------------------------------------|----------------|-------|--------|
| Correlated Color Temperature (CCT) | 4000K          |       |        |
| Color Rendering Index (CRI)        | 80+            |       |        |
| Module Operating Voltage (V)       | 156,6          | 162,3 | 169,6  |
| Module Operating Current (mA)      | 350            | 500   | 700    |
| Branch Operating Current (mA)      | 87,5           | 125   | 175    |
| Module Power (W)                   | 54,81          | 81,15 | 118,72 |
| Module Light Output (lm)           | 9904           | 13576 | 18068  |
| Module Efficiency (lm/W)           | 181            | 167   | 152    |

| LED                                | SAMSUNG LM281B+SE |       |       |
|------------------------------------|-------------------|-------|-------|
| Correlated Color Temperature (CCT) | 4000K             |       |       |
| Color Rendering Index (CRI)        | 80+               |       |       |
| Module Operating Voltage (V)       | 77                | 78,6  | 80,2  |
| Module Operating Current (mA)      | 350               | 500   | 700   |
| Branch Operating Current (mA)      | 87,5              | 125   | 175   |
| Module Power (W)                   | 26,95             | 39,30 | 56,14 |
| Module Light Output (lm)           | 4730              | 6458  | 7981  |
| Module Efficiency (lm/W)           | 176               | 164   | 142   |