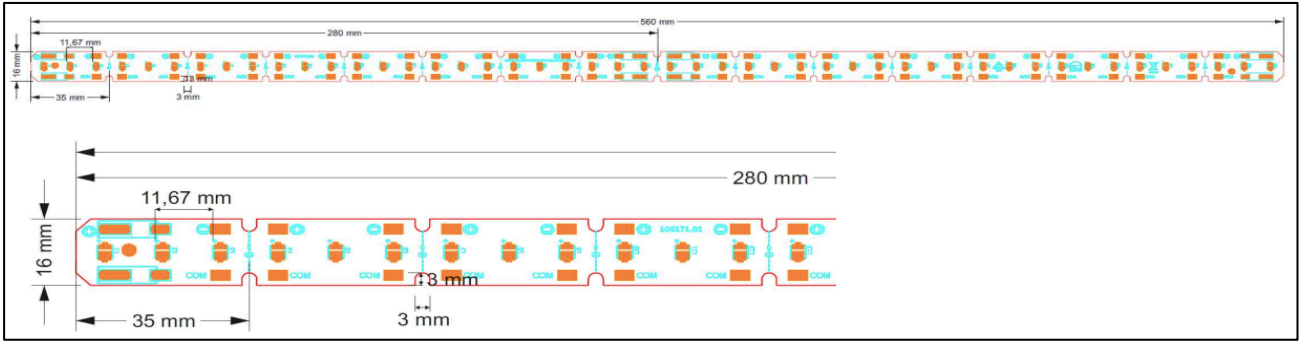
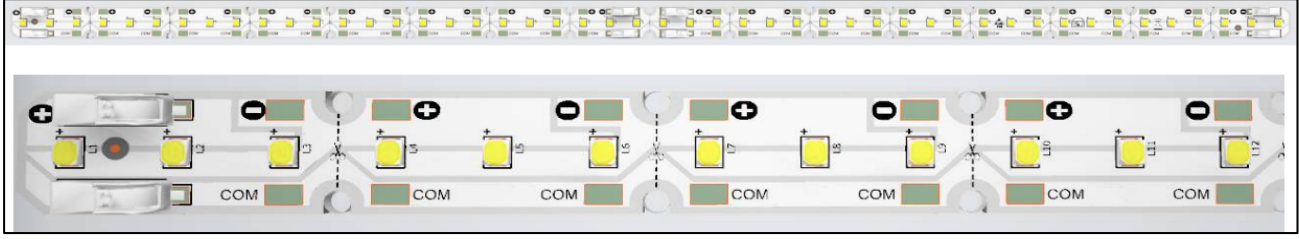




**Common Characteristic [ @Tj : 85°C ] ;**

|                              |                                             |                       |    |
|------------------------------|---------------------------------------------|-----------------------|----|
| Module Code                  | 4087N-LN16S03PCC-L048-C08-160L1C1H35-16X560 | Electrical Connection |    |
| PCB Material                 | CEM1                                        |                       |    |
| Operating Temperature (°C)   | -40 ~ +85                                   | Parallel              | 3  |
| Storage Temperature (°C)     | -40 ~ +55                                   | Series                | 16 |
| Thermal Conductivity (W/m-K) | 1>                                          | LED Quantity          | 48 |

| LED                                | SAMSUNG LM281B+SA |       |       |
|------------------------------------|-------------------|-------|-------|
| Correlated Color Temperature (CCT) | 4000K             |       |       |
| Color Rendering Index (CRI)        | 80+               |       |       |
| Module Operating Voltage (V)       | 44,2              | 45    | 45,8  |
| Module Operating Current (mA)      | 250               | 300   | 350   |
| Branch Operating Current (mA)      | 83                | 100   | 117   |
| Module Power (W)                   | 11,05             | 13,50 | 16,03 |
| Module Light Output (lm)           | 1831              | 2147  | 2443  |
| Module Efficiency (lm/W)           | 166               | 159   | 152   |

| LED                                | SAMSUNG LM281B+SE |       |       |
|------------------------------------|-------------------|-------|-------|
| Correlated Color Temperature (CCT) | 4000K             |       |       |
| Color Rendering Index (CRI)        | 80+               |       |       |
| Module Operating Voltage (V)       | 43,8              | 44,3  | 44,8  |
| Module Operating Current (mA)      | 250               | 300   | 350   |
| Branch Operating Current (mA)      | 83                | 100   | 117   |
| Module Power (W)                   | 10,95             | 13,29 | 15,68 |
| Module Light Output (lm)           | 1992              | 2354  | 2705  |
| Module Efficiency (lm/W)           | 182               | 177   | 173   |