

### Specification of LED Drives –TB Type

| Items                         | Models                                                |             |             |             |                 |             |             |             |
|-------------------------------|-------------------------------------------------------|-------------|-------------|-------------|-----------------|-------------|-------------|-------------|
|                               | LCE-024F030                                           | LCE-024F050 | LCE-024F070 | LCE-024F105 | LCF-024F030     | LCF-024F050 | LCF-024F070 | LCF-024F105 |
| Max. Output Power             | 22W                                                   |             |             |             |                 |             |             |             |
| Output Current                | 300mA                                                 | 600mA       | 700mA       | 1050mA      | 300mA           | 600mA       | 700mA       | 1050mA      |
| Output Current Tolerance      | ±8%                                                   |             |             |             |                 |             |             |             |
| Output Voltage Range          | 52~80V                                                | 26~40V      | 22~34V      | 15~23V      | 52~80V          | 26~40V      | 22~34V      | 15~23V      |
| Output Current Ripple         | <50% I <sub>o</sub> ; pk - pk, at full load condition |             |             |             |                 |             |             |             |
| Rated Input Voltage           | 220Vac ~ 240Vac                                       |             |             |             | 120Vac ~ 240Vac |             |             |             |
| Input Frequency Range         | 47 ~ 63Hz                                             |             |             |             |                 |             |             |             |
| Power Factor (Typical)        | 0.93                                                  |             |             |             |                 |             |             |             |
| THD-A                         | <20%                                                  |             |             |             |                 |             |             |             |
| Efficiency                    | 87%                                                   |             |             |             | 86%             |             |             |             |
| Leakage Current               | Max. 0.25mA/240Vac                                    |             |             |             |                 |             |             |             |
| Short Circuit Protection      | Yes                                                   |             |             |             |                 |             |             |             |
| Over Temperature Protection   | Yes                                                   |             |             |             |                 |             |             |             |
| Over Voltage Protection       | 120% V <sub>out</sub>                                 |             |             |             |                 |             |             |             |
| Max. Case Temperature         | 75℃                                                   |             |             |             |                 |             |             |             |
| Operation Ambient Temperature | - 40℃ ~60℃ According to the Derating Curve            |             |             |             |                 |             |             |             |
| EMI                           | Comply with EN55015, EN61000-3-2, EN61000-3-3         |             |             |             |                 |             |             |             |
| Withstand Voltage             | I/P-O/P:3.75KVac I/P-FG:1.88KVac O/P-FG:0.5KVac       |             |             |             |                 |             |             |             |
| Isolation Resistance          | I/P-O/P, I/P-FG, O/P-FG: 100MΩ/500Vdc/25℃/70%RH       |             |             |             |                 |             |             |             |

|                        |             |             |
|------------------------|-------------|-------------|
| Dimensions (L x W x H) | 160*30*25mm | 212*30*25mm |
|------------------------|-------------|-------------|

#### Key Feature

1. Suitable for all kinds of indoor lighting
2. High cost-effective design,high-performance with low-cost
3. Constant current output,expect the listed, we can customize in the rate power range base on your requirement.
4. LCE type apply to the 220Vac~240Vac,LCF type apply to the 110Vac~240Vac
5. Adopt the iron shell and the quick connect terminal,easy to use and reliable.
6. Operation under the ambient temperature at 40℃,the lifetime can up to 25000 hours.

#### Configuration:



