

# Specification

|                            |                         |                                     |         |         |                  |  |
|----------------------------|-------------------------|-------------------------------------|---------|---------|------------------|--|
| Product Name               |                         | Fluorescent lamp                    |         |         | Image            |  |
| Model No.                  |                         | BM-T5A090-12W                       |         |         |                  |  |
| Optical characteristic     | LED source              | Epistar                             |         |         | Photometric data |  |
|                            | LED type                | SMD3528                             |         |         |                  |  |
|                            | CCT                     | 6000-6500K                          |         |         |                  |  |
|                            | LED quantity            | 168PCS                              |         |         |                  |  |
|                            | Cover Type              | Transparent                         | Striped | Frosted |                  |  |
|                            | Luminous efficiency     | 92LM/W                              | 90LM/W  | 85LM/W  |                  |  |
|                            | Luminous Flux           | 1100LM                              | 1050LM  | 1000LM  |                  |  |
|                            | CRI                     | Ra ≥ 75                             |         |         |                  |  |
|                            | Beam angle              | ≥ 120°                              |         |         |                  |  |
| Electricity characteristic | Input voltage/Current   | AC85V-277V/ 0.035A-0.105A           |         |         | LUX              |  |
|                            | Frequency               | 50-60Hz                             |         |         |                  |  |
|                            | Output voltage          | 27-42v                              |         |         |                  |  |
|                            | Output current          | 260ma ± 3%                          |         |         |                  |  |
|                            | Power                   | 12W                                 |         |         |                  |  |
|                            | LED Power               | 9W                                  |         |         |                  |  |
|                            | Power efficiency        | ≥ 85%                               |         |         |                  |  |
|                            | Power factor            | >0.9                                |         |         |                  |  |
|                            | Dimmable                | Optional                            |         |         |                  |  |
| Other characteristic       | Surface temperature     | 45°C (environment temperature 31°C) |         |         | Structure        |  |
|                            | Operating temperature   | -35°C -- +55°C                      |         |         |                  |  |
|                            | Installing method       | Insert and screw                    |         |         |                  |  |
|                            | Work humidity           | 5%-95%RH                            |         |         |                  |  |
|                            | Storage temperature     | -40°C -- +65°C                      |         |         |                  |  |
|                            | Equivalent halogen bulb | 25W                                 |         |         |                  |  |
|                            | IP rate                 | IP64                                |         |         |                  |  |
|                            | LED lifespan            | >40000h                             |         |         |                  |  |
|                            | Casing material         | AL                                  |         |         |                  |  |
|                            | Weight                  | 360g                                |         |         |                  |  |
|                            | Size                    | W23.4*H30.5*L898mm                  |         |         |                  |  |
|                            | Socket                  | G5                                  |         |         |                  |  |
|                            | Box size                | 1pcs/box 36×36×920mm                |         |         |                  |  |
|                            | Carton size             | 25pcs/carton 960×210×200mm          |         |         |                  |  |