



# SPECIFICATION FOR APPROVAL

**Customer Name:**

**Customer P/N:**

**Product Name: Electronic ballast for UV-Lamps**

**Model NO.: PH2-800-2/75U**

**Supplire P/N:**

**Rev: A1.0**

**Date: 2022-08-16**

| <b>Approved by Yue Jia</b> |           |          |
|----------------------------|-----------|----------|
| Checked                    | Rechecked | Approved |
|                            |           |          |

Please send the original back to us after you have approved and signed.

| <b>Approved by customer</b> |          |                |
|-----------------------------|----------|----------------|
| Comments                    | Approved | Company's seal |
|                             |          |                |
| Customeris Name:            |          |                |



- Shell material Aluminum
- Europe type terminal structure
- 5VDC out on normal, 0VDC on abnormal
- Must cut off the power before installation and replacement ballast
- Diameter of wire 0.5~0.75mm<sup>2</sup>, Wire stripping 8~10mm
- No more than 5 meters distance between the ballast and lamp
- Ballasts case must be grounded



| Technical - Electrical Data                    | Conditions  | Min  | Nom    | Max                    | Unit  |
|--|---|------|--------|------------------------|-------|
| Voltage Range                                  |   | 110  | 220    | 240                    | Vac   |
| Input Frequency                                |   |      | 50/60  |                        | Hz    |
| Input Current                                  |   |      |        | 1.58@110V<br>0.73@240V | A     |
| Input Power                                    |   |      |        | 165                    | W     |
| Power Factor                                   | Full Load   |      | >0.98  |                        | PF    |
| Lamp Output Power                              |   |      |        | 155                    | W     |
| Lamp Output Current                            |   | 0.75 |        | 0.85                   | A     |
| Efficiency                                     | Full Load   |      | >90    |                        | %     |
| Preheat start, Suitable for more times startup |   |      | >20000 |                        | Times |
| Lamp Preheat Current                           |   | 1.2  |        | 1.4                    | A     |
| Lamp Preheat Time                              |   | 4    |        | 5                      | S     |
| <b>Technical - Temperatures</b>                |   |      |        |                        |       |
| Maximum operating temperature at the Tc        |   |      |        | +85                    | °C    |
| Ambient temperature range Ta                   |   | -25  |        | +50                    | °C    |
| Relative Humidity                              |   | 5    |        | 85                     | %     |
| <b>Safety and Protection</b>                   |   |      |        |                        |       |
| Protection                                     | Overload Protection<br>Lamp Air Leakage Protection<br>Over Heat Protection<br>Protection Against Moisture |      |        |                        |       |
| Isolation Class                                | Class I   |      |        |                        |       |
| Isolation Voltage                              | 1.5KV AC / 5mA / 5s   |      |        |                        |       |
| Protection Class                               | IP20  |      |        |                        |       |
| Warranty period                                | 2 years   |      |        |                        |       |
| <b>Normen und Approval</b>                     |   |      |        |                        |       |
| Safety Norm                                    | EN61347-1-2-3, EN62493  |      |        |                        |       |
| LVD Norm                                       | Low voltage Directive 2014/35/EU  |      |        |                        |       |
| EMC Norm                                       | EN55015, EN55014, GB17743, GB17625, EN61000-3-2   |      |        |                        |       |
| Certifications                                 | CE RoHS   |      |        |                        |       |
| <b>Packaging units</b>                         |   |      |        |                        |       |
| Packaging units Pieces/ Unit                   | Shipping carton box (30pcs/CTN)   |      |        |                        |       |
| Dimensions in L x W x H                        | 36.0cm x 21.5cm x 21.0cm  |      |        |                        |       |
| Gross weight                                   | 11.55kg   |      |        |                        |       |
| Volume   | *****CBM.   |      |        |                        |       |

