



# SPECIFICATION FOR APPROVAL

**Customer Name:**

**Customer P/N:**

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

**Model NO.: PH9-2100-320D**

**Supplire P/N:**

**Rev: A1.0**

**Date: 2022-11-18**

<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:		



# Electronic Ballast

www.fsyuejia.com

## PH9-2100-320D

APPLICATION and PERFORMANCE SPECIFICATION



- Shell material Aluminum
- Europe type terminal structure
- Green and red led indicate operating status
- Potential free relay contact on/off out
- 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 moer than 5 meters distance between the ballast and lamp
- Ballasts case must be grounded



Technical - Electrical Data	Conditions	Min	Nom	Max	Unit
Voltage Range		220	230	240	Vac
Input Frequency			50/60		Hz
Input Current				1.53@230V	A
Input Power				350	W
Power Factor	Full Load		>0.98		PF
Lamp Output Power				320	W
Lamp Output Current		2.0		2.2	A
Efficiency	Full Load		>91		%
Preheat start, Suitable for more times startup			>20000		Times
Lamp Preheat Current		2.7		3.0	A
Lamp Preheat Time		14		15	S

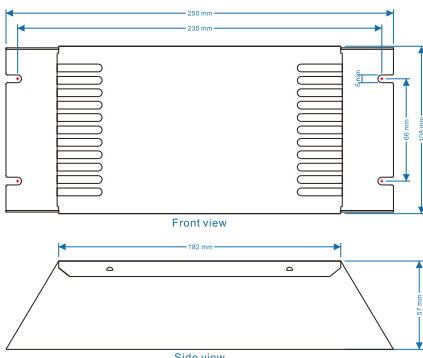
Technical - Temperatures	Min	Nom	Max	Unit
Maximum operating temperature at the Tc			+85	°C
Ambient temperature range Ta	-25		+50	°C
Relative Humidity	5		85	%

Safety and Protection	Conditions
Protection	Overload Protection Lamp Air Leakage Protection Over Heat Protection Protection Against Moisture
Isolation Class	Class I
Isolation Voltage	1.5KV AC / 5mA / 5s
Protection Class	IP20
Warranty period	2 years

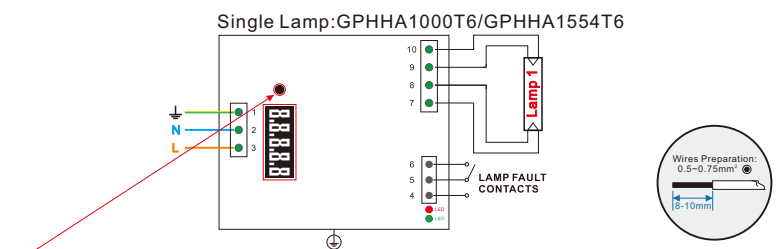
Normen und Approval	Conditions
Safety Norm	EN61347-1-2-3, EN62493
LVD Norm	Low voltage Directive 2014/35/EU
EMC Norm	EN55015, EN55014, GB17743, GB17625, EN61000-3-2
Certifications	CE RoHS

Packaging units	Conditions
Packaging units Pieces/ Unit	Shipping carton box (10pcs/CTN)
Dimensions in L x W x H	36.0cm x 26.5cm x 25.5cm
Gross weight	8.5kg
Volume	*****CBM.

### Technical - Geometries



### Technical - Wiring diagram



1. Cumulative time of lamp tube is displayed by default, (Long press for 3 seconds to reset).
2. Button once to display cumulative working time of ballast.
3. Button twice to display number of lamp tube switch.
4. Fault code shows FAIL