

PLG402-IP HPS Lamp

INSTALLATIONSANLEITUNG



IMPORTANT:

Read carefully before installing. All work should be performed by a qualified Electrician. These instructions may not provide directions to cover every variation and detail. To obtain additional information, consult us directly for assistance before attempting anything with uncertainty. Improper installation and/or utilization may void manufacturer's warranty. This fixture must be well grounded. Failure to do so may result in serious personal injury. HID luminaires should be operated on grounded systems only. Ungrounded power distribution systems may carry high transient voltages which can cause failure of any type electrical equipment. Use of LeuchTek equipment on ungrounded systems will VOID THE WARRANTY.

! IMPORTANT SAFEGUARDS !



1. To reduce the risk of electric shock, disconnect power supplies of ballast before servicing.
2. This product is for use in indoor fixtures except air handling heated air outlets, and wet, damp, or hazardous location fixtures. Do not install near explosive gas.
3. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
4. Do not use this product for other than intended use.

General Specification

Type: PLG402-IP
 Power: 400W, 230VAC 50HZ
 Housing: Aluminium
 Current: 1,85A \pm 5% (Max. 6A)
 Powerfactor: 0,99
 THD: <10%
 Socket: E40, suitable for GE or Philips HPS bulb
 Suitable for applications inside of greenhouse



NOTE:

1. After power-on, the ballast will wait 5 minutes before it starts to ignite. (to avoid the problem of hot-bulb restart).
2. Selection of circuit breaker: depending on the status of the capacitors inside of the ballast, the initial impact current could be as high as 6A/ballast. For example, if three ballasts are connected together, it could be over $6A \times 3 = 18A$. Thus the rating current of circuit breaker must be over this value. Or select Type D circuit breaker which is not so sensitive for impact current.



230V
Vorschaltgerät

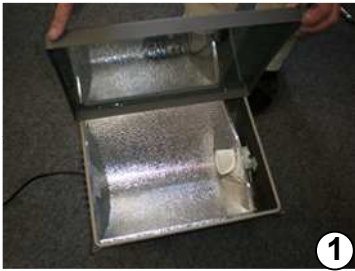


120V
Vorschaltgerät



PLG402-IP

Installation Illustration



1 Unscrew and open the glass case



2 Put the HPS bulb with textile glove to avoid pollution on bulb



3 Clean the inside and outside of glass groundly



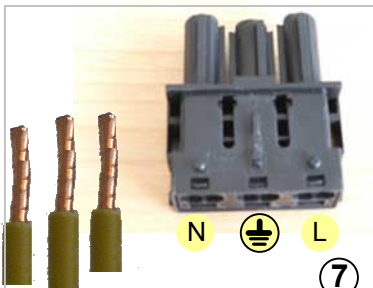
4 Put two hooks through the middle hole



5 Hang the lamp



6 Open the connection box side
Another side is fixed, not openable



7 connection



8 Plug the connector



9 Screw to close the wire gap



The allowed number of connecting ballasts depends on the wire, e.g. for 2.5mm² wires should not exceed three lamps

Do not exceed the rated current of wires

