



Thomas Research Products

SSL Solutions Faster Than The Speed Of Light

RSS-50-150

HPS Rapid Restrike Rapid Smart Start Series

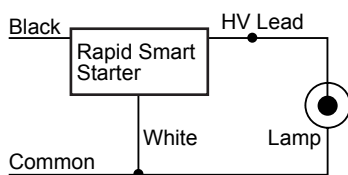
The Rapid Smart Start lamp reignitor is an electronic device designed to cold start and rapidly restart hot HPS lamps after momentary power interruptions or drops in supply voltage.

Features

- Minimizes delays or hesitation during hot lamp restarting
- Prevents "End of Life" lamps from continuous cycling over long periods of time
- Operates with most 52-55 volt HPS lamps between 50-150 watts
- Remains unaffected by stray voltages, moderate overvoltages, as well as undervoltage conditions
- Drops into the background during normal lamp operation with less than 1.3% insertion loss
- Hot restart time is typically less than .5 second, but may vary due to lamp construction, ballast design and ballast supply voltage
- Starter operation will not exceed one minute under "failed lamp" condition
- Starter reset time is typically less than 800 milliseconds after ballast supply voltage has been removed
- Starting voltage pulse peaks less than 5KV (with mogul base lamp)
- Operation is independent of ballast "X3" lead, allowing for remote ballast applications
- Starter must be located within 12" of lamp socket
- Power consumption during normal lamp operation less than .3%
- Case temperature rating of 105°C

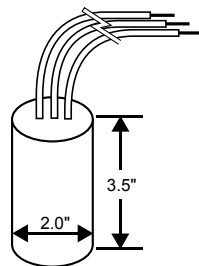


Wiring



Dimensions

Body: 12" leads, stripped 0.25"



Specifications subject to change without notice.

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