

Xtrasun DE

The Xtrasun DE double-ended lighting system is a high-intensity horticultural lighting system that is an excellent choice for a range of applications. It combines an Xtrasun enclosed double-ended reflector with variable-wattage Xtrasun DE ballast and a high-PAR Xtrasun DE high-pressure sodium lamp. This powerful and versatile system allows users to select the most appropriate light intensity level for their particular setup.

This system's attached enclosed-style reflector is made from 95% reflective European hammertone aluminum and provides downward-focused output that maximizes light intensity. This provides ideal canopy illumination and uniformity of coverage, making it the ideal reflector for many applications.

The Xtrasun DE ballast features rugged build quality, multi-aspect protection circuitry, and variable wattage output that offers several choices on a range from 600W to 1150W using 1000W DE lamps. It is CSA-certified, has RF shielding, and is FCC compliant. It is totally silent while operating.



Xtrasun DE HID light System

Features

- Variable output control: 600W, 750W, 825W, 1000W, 1150W
- Status and error LED indicator
- Premium German Vossloh-Schwabe lamp holders
- 95% reflective European hammertone reflector

INCLUDES

- Attached reflector
- 8' grounded power cord – 240V (6-15P plug)
- Xtrasun 1000W DE Lamp

APPLICATION NOTES:

The XTDEKT1 is not compatible with the PX1 Lighting Controller.

Applications



Indoor Growing



Medicinal



Research



Supplemental

Crop



Annuals



Herbs



House Plants



Shrubs



Vegetables



Xtrasun DE

ITEM	DESCRIPTION	Voltage	Watts	Amps	WT (LBS)	Package Dimensions
XTDEKT1	Xtrasun DE Lighting System	240V	1000W	4.8A (240V)	18.4 lbs	24"L x 13.6" w x 11.4" H

STATUS INDICATIONS			
LED Status Message	Fixture Status	Description	Action/Solution
●●●●●●●●●● No LED activity	No power/off	The fixture is not connected to the mains or the power is off	Check power
●●●●●●●●●● Short green flash with long off interval	Ballast stand-by (on EXT)	Fixture is connected to the mains and to a controller. Output of ballast is off	No action required
●●●●●●●●●● Long green flash with brief off interval	Ballast on (on EXT)	Fixture is connected to the mains and to a controller. Output of ballast is on	No action required
●●●●●●●●●● Solid green on with no off interval	Ballast on (Manual dim)	Fixture is connected to the mains and set to manual output	No action required
●●●●●●●●●● Rapid yellow flash	Fixture is igniting the lamp	Fixture is trying to restart the lamp	No action required unless lamp does not ignite within 30 minutes. In this case, cycle power off and then on again. If lamp still does not ignite, a new lamp may be required.
ERROR OR WARNING INDICATIONS			
●●●●●●●●●● One rapid red flash with long off interval	Too low voltage	Input voltage is too low Ballast power drops to 50% automatically	If used with 120V input power accidentally, the ballast power will decrease to 50% of the set power automatically. Turn off the ballast and replace it with correct 240V input power. If the voltage is a bit lower than 240V, the LED will blink and the ballast keeps running with set wattage.
●●●●●●●●●● One rapid yellow flash with long off interval	Too low voltage occurred in past	Input voltage was too low in the past Ballast power drops to 50% automatically	See above, reset
●●●●●●●●●● Two rapid red flashes with medium-long off interval	Too high voltage	Input voltage is too high Ballast power drops to 50% automatically	Disconnect the ballast. Check input voltage, check wiring and connection, check neutral in 3 phase systems, then reconnect the ballast. LED on the ballast will blink but power will not change.
●●●●●●●●●● Two rapid yellow flashes with medium-long off interval	Too high voltage occurred in past	Input voltage was too high in the past Ballast power drops to 50% automatically	See above, reset
●●●●●●●●●● Three rapid red flashes with brief off interval	Too high temperature	Electronics temperature is too high (max. 115°C/239°F)	There is a temperature sensor in the PCB of the ballast. If it senses that the internal ballast has reached 110°C, the LED will start to blink. The ballast power will decrease to 50% of the set power automatically. Users should turn off the ballast or cool down the ballast.
●●●●●●●●●● Three rapid yellow flashes with brief off interval	Too high temperature occurred in past	Electronics temperature was too high in the past (max. 115°C/239°F)	See above, reset
●●●●●●●●●● One rapid red flash with prolonged off interval	No signal from controller (on EXT)	Fixture is connected to the mains and set to EXT but there is no signal on the control input.	If a controller is connected, search for loose connections, defective contacts or short-circuits. Re-connect the controller to the ballast or verify whether the controller is out of order..

● BLACK ● RED ● YELLOW ● GREEN