

WEX120-1000B Dimming

110~240V 1000W Digital Ballast run for HPS lamps

Dimming Function: adjust output wattage 1000W 800W 600W

Used in these fields:

Greenhouse Lighting
Hydroponics Lighting



Features

- Run for HPS lamps
- High power factor: $PF \geq 0.98$
- Low harmonic: General harmonic $THD \leq 10\%$
- High light efficiency
- Low power consumption
- Constant output of power: Constant output of power and light when voltage varies between $-15\% \sim +15\%$ of rating voltage
- Protection functions: Open circuit and short circuit protection functions available.
- Easy installation: Easy to hang the lamp, no need any external starter and compensation capacitor.
- Completely silent: no more humming and buzzing
- Working temperature: $-10^{\circ}\text{C} \sim +40^{\circ}\text{C}$
- Approval: UL, CUL, EMC, ROHS

Suitable Bulbs

1000W HPS bulb of America standard

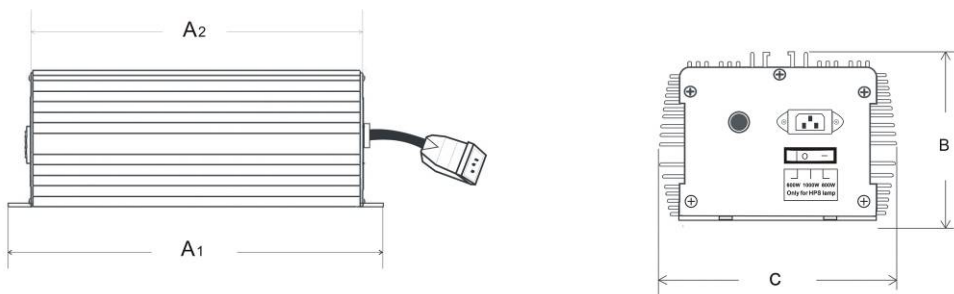
Electrical Performance

Data is based on operating a standard 1000W HPS lamp. Supply power is based on a typically commercial 120V/60Hz.

Model	Rating Voltage (V)	Input Power (W)	Input Current (A)	Power Factor	THD	Safety Voltage (V)	Lamp Power (W)
WEX120-1000B	120	1060	8.84	≥ 0.98	$\leq 10\%$	110~240	1000

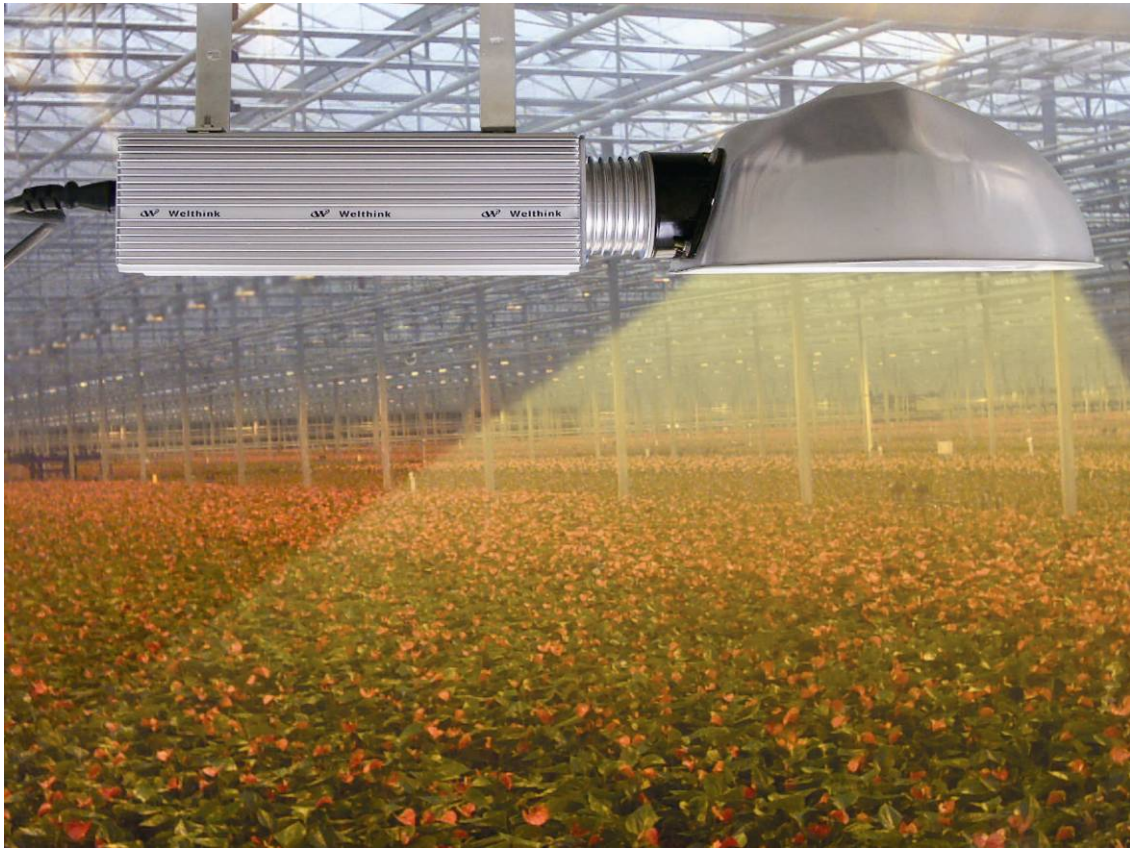
Dimension

A1:404mm A2:364mm B: 97mm C: 135mm



Caution Instructions

- **Only professional persons allowed to do below operation**
- Before assembly & maintenance, please make sure the power is cut off.
- Before connecting the cord, check the voltage is ok, check the cross section of cord is sufficient. Connect earthing cable before connecting other cables.
- This product must be equipped with right HPS and MH lamps as to get higher efficiency, safety and more luminance output.
- The product is for indoor use only.
- Suitable environmental temperature is about $-10\sim+40^{\circ}\text{C}$
- In order to avoid shaking, Digital Ballast should be fixed well. Any falling can cause damage or body hurt



Welthink Lighting

Welthink reserves the right of final interpretation about this document.

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