

Technical Specifications:  
**HELLION 600W-750W DE-UHF DIGITAL BALLAST**



**OPERATING PARAMETERS**

<b>Current at 750W</b>	208V/3.75A 240V/3.25A 277V/2.82A
<b>Output wattage</b>	450 / 600 / 750W
<b>Output frequency range</b>	85-115KHz
<b>Efficiency</b>	> 92% @ 240V AC
<b>Ignition voltage</b>	< 4.5kV
<b>Operating temperature</b>	-20 – 40°C
<b>Max case temperature</b>	80°C
<b>Standard</b>	IEC61347
<b>EMC</b>	EN55015



**INPUT PARAMETERS**

<b>Input voltage</b>	208V/240V/277V
<b>Input frequency</b>	50/60Hz
<b>External Control</b>	0 to 10V via RJ11 sockets

**PHYSICAL CHARACTERISTICS**

<b>Weight</b>	3.5kg
<b>Dimensions</b>	205 x 175 x 74mm

**LAMP REQUIREMENTS**

<b>Type</b>	UHF 750W HPS + MH
<b>Lamp voltage</b>	180—220V
<b>Max lamp distance</b>	4.0m (13ft)

**Note:**

UHF lamps are the same as 400V lamps

**PERFORMANCE**

<b>THD</b>	< 5%
<b>PF</b>	> 0.99
<b>OCV</b>	< 440V

**PROTECTION**

<b>Short circuit</b>	✓
<b>Open circuit</b>	✓
<b>Ignition failure</b>	✓
<b>Overheated</b>	✓
<b>EOL</b>	✓
<b>Soft start</b>	✓
<b>Hot re-strike</b>	✓
<b>Under/Over voltage</b>	198 / 315V