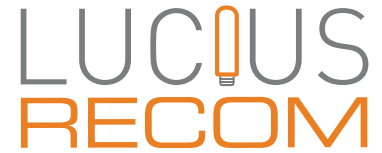











# CMH 315W BALLAST SPECIFICATION



## → Lucius ReCom CMH 315W Ballast

<b>INPUT</b>	<b>Nominal Voltage</b>	USA: 120/208/240V AU/NZ, UK, EU, Asia: 220/230/240V	<b>OUTPUT</b>	<b>Output Frequency</b>	> 120Hz Square Wave 
	<b>Voltage Range</b>	USA: 110~265V AU/NZ, UK, EU, Asia: 215~265V		<b>Voltage Range</b>	<120V
	<b>Max Current</b>	USA: 3A AU/NZ, UK, EU, Asia: 1.5A		<b>Max Ignition</b>	5KV
	<b>Inrush Current / Input Frequency</b>	Inrush < 15A/0.8mSec 50/60 Hz		<b>Ignition Interval</b>	<b>1-5-5-5 minute</b> *After 5 ignition failed attempts to turn the lamp on, the ballast will be shut down and the LED will alarm error. See <b>LED Status</b> . To reset the ballast error, disconnect and reconnect the power.
	<b>Efficiency</b>	93%		<b>Plug</b>	    AU/NZS 4417 US 120V NEMA 5-15 UK BS1363A EU DIN 49441
	<b>Power Factor</b>	≥ 0.97		<b>Cable</b>	USA: 8ft, 3×16AWG AU/NZ, UK, EU, Asia: 2.4m, 3×1.5mm <sup>2</sup> *All output cables are equipped with the magnet ring to meet EMC requirements.
	<b>THDv</b>	<10%		<b>Control Knob</b>	OFF - 315W - LMC
<b>PROTECTION</b>	<b>Over-voltage</b>	Protection mode is activated when the voltage is greater than 275V.	<b>GENERAL INFORMATION</b>	<b>Controller (Optional)</b>	Able to connect to the Lucius Light Management Controller. Dimming, timing, temperature setting, simulating sunset and sunrise. See Lucius Light Management Controller instruction manual for more details.
	<b>Under-voltage</b>	<b>240V:</b> Under-voltage between 175 ~ 195V leads to 90% output power drop. Protection mode is activated when the voltage is less than 175V. <b>120V:</b> Under-voltage between 95 ~ 110V leads to 90% output power drop. Protection mode is activated when the voltage is less than 95V.		<b>Ballast Dimension LxWxH</b>	USA: 286x117x82.5mm AU/NZ, UK, EU, Asia : 246x117x82.5mm
	<b>Short Circuit</b>	When the output is shorted, the ballast will be shut down & the LED will alarm error for short circuit protection. See <b>LED Status</b> . To reset the ballast error, disconnect and reconnect the power.		<b>Ballast Weight</b>	USA: 3.2Kg / 7 lbs AU/NZ, UK, EU, Asia: 2.4Kg / 5.3 lbs
	<b>Open Circuit</b>	When the output is disconnected for any reason during operation, the ballast will shut down & the LED will alarm error for open circuit protection. See <b>LED Status</b> . To reset the ballast error, disconnect and reconnect the power.		<b>Compatible Lamp</b>	CMH 315W
	<b>Over-temperature</b>	When ambient temperature (Ta) is more than 40°C, the ballast will shut down & the LED will alarm error for high temperature protection. To reset the ballast error, keep the ambient temperature in the allowed operating range, disconnect & reconnect the power.		<b>Certification</b>	   
	<b>Lamp END of Life / Rectification</b>	The ballast can protect against end of lamp life rectification.		<b>Regulatory Standards</b>	IEC 61347-1:2007+A1:2010 (also as used AS/NZS 61347.1:2002) IEC 61347-2-12:2005+A1:2011 EN 55015(AS/NZS CISPR 15:2011) IEC 61000
	<b>Time Delay</b>	All ballasts have built in ignition delay (0-6S randomly) to reduce the starting current.		<b>Manufacturing Code</b>	AU/NZ: LRCE-315241-C1CHA US: LRCE-31512241-C1C5S UK: LRCE-315231-C1CHK EU: LRCE-315231-C1CHE
	<b>LED Status</b>	ON: Power is applied and the ballast is operating. (LED illuminated) OFF: Power is not available at the input. (LED off) Blinking: Protection Mode.			