



RoHS COMPLIANT



SHGS1-MID-2-200-L

Electronic Ballast For Use With UV & Tanning Applications

- Input Voltage/Frequency: 200-277VAC,50/60Hz
- 350W Max.lamp load: @1600mA

General Specifications

Input Voltage / Frequency	200-277VAC,50/60Hz
Max. Line Current	1.8 A
Input Power at Full load	370W
Power Factor	≥0.9 @ > 200W
THD	≤20% @ > 200W
Output Power	Max 350W
Ballast Type	Instant Start
Number of Lamps	1 or 2
Factory Default Output Current	1600mA
Lamp Type	1 OR 2 X R71T12(Reboot), FR71T12(OPULENCE), FR74/VHO(LightSources)
Lamp Wiring Method	Series
Lamp Current Crest Factor	<1.7
Operating Temperature	-20°C~50°C (-4°F~122°F)
Case Dimensions	L 12" x W 3.11" x H 1.73" (304.8mm x 79mm x 43.93mm)
Connectors or Wires	Input/Output: 18AWG / 72" (1830mm)
Weight	1.99 Kg(4.39lbs)
Approvals / Standards	UL/cUL UL 935, CSA C22.2 No.74
RFI / EMI	FCC Part 18B
Protections	Input Surge Protection Line-Neutral 1KV , Line & Neutral-Ground 2KV Open Circuit Protection End of Life Protection
Service Life	50,000 hours lifetime
Warranty	5 Years

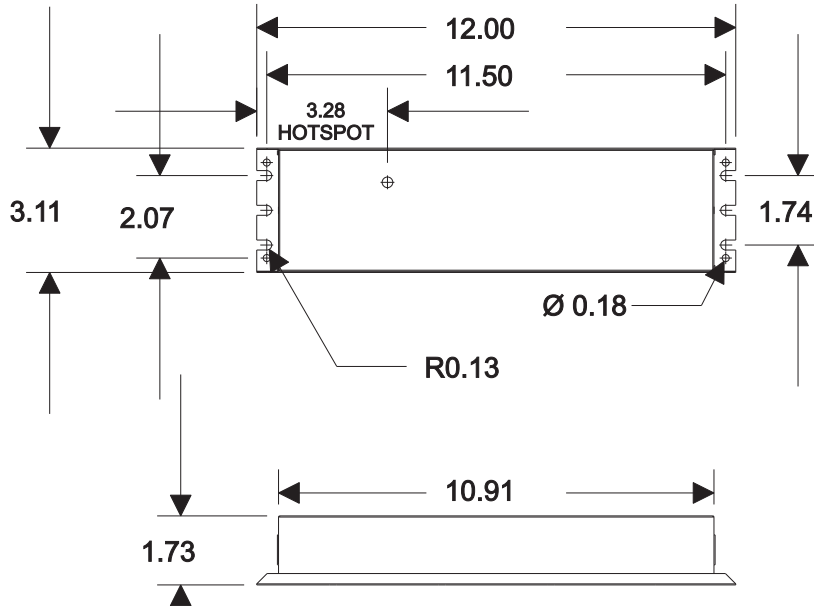


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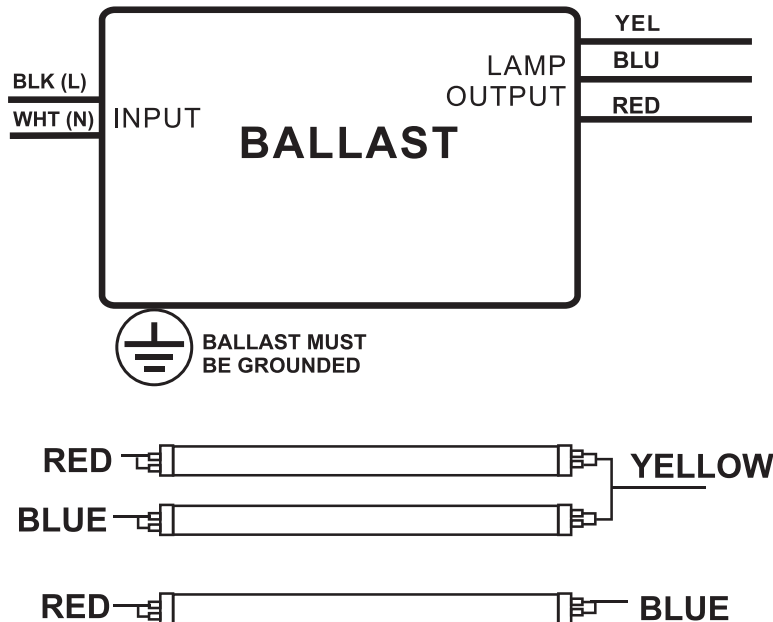
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Mechanical Data



Overall Dimensions	
Length	12" [304.8mm]
Width	3.11" [79.0mm]
Height	1.73" [43.93mm]
Mounting	11.5x1.74" [292.1x44.2mm]
Wire Length	
AC Input (Black / White)	72" [1830mm]
Output (Red / Blue / Yellow)	72" [1830mm]

Wiring Diagram



Note: This ballast case must be grounded



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Guidelines

Factory Programming

- For currents other than the default 1600mA, factory programming is available upon request and minimum order quantities (MOQ's) may apply.
 - Factory Output Current Range: 1600mA (+/- 10% tolerance of set current)
 - Fulham must approve any lamp/ballast combination not currently listed for operation in this spec sheet. Failure to do so may result in voidance of warranty.
 - This ballast is UL Listed and approved only for the lamps listed in the "UL Lamp List Electrical Data" sections. Additional UL verification testing will be needed to UL List lamps not already listed. Please contact Fulham for further information.

Grounding

- Ballast must be grounded by means of the driver case or driver ground terminal.

No-load Operation and Protection

- Output latches off.

Service life / Lifetime

- 50,000 hours

Warranty

- Reference Fulham's limited Warranty: <https://cdn.fulham.com/PDFs/Limited-Warranty.pdf>

Part Number Matrix

SH G S 1 MID 2 200 N C 2000

Product Line	Ballast Type	Ballast Type	Ballast Order Number	Input Voltage	Number Of Lamps	Lamp Power	Special Function	Special Function	Factory Set Output Current
SH = SunHorse	G = Tanning	S = Standard D = 0-10V A = Dali		MID = 200V - 277V	2 = Lamp	200 = 200W	N = Open frame with mounting plate L = Fully potted in an enclosure Z = Open frame with no mounting plate	Blank = Flying leads C = Push in connectors W = Push in mating connector	Blank = Default output current 1400-2200 = Output current range available

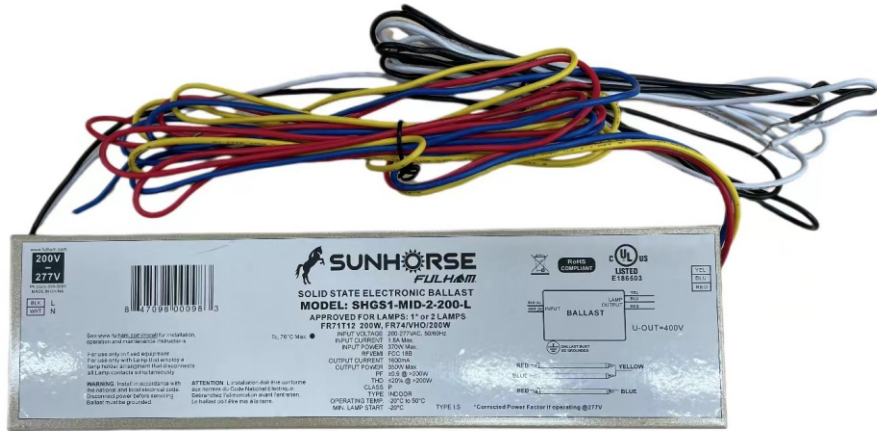


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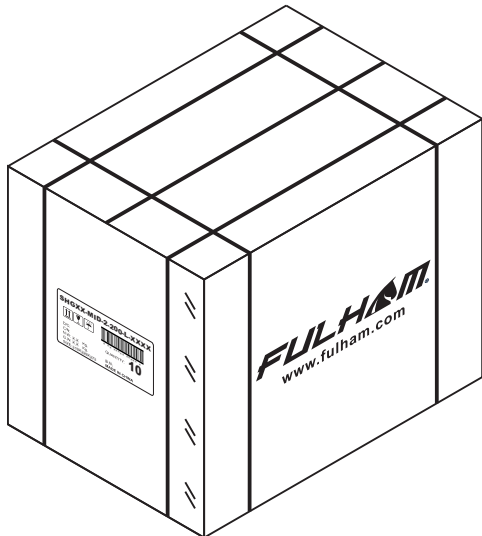
SHGS1-MID-2-200-L

Product Image



Packaging

Master Carton



OUTER DIMENSION		
L	W	H
319mm(12.56")	229mm(9.02")	273mm(10.75")
Net Weight	Gross Weight	QUANTITY
21kg 46.30bls	21.8kg 48.06bls	10