



SUNHORSE ELECTRONIC BALLASTS FOR TANNING APPLICATIONS:

- Use up to 30% less energy than traditional magnetic ballasts
- Lower air conditioning costs by reducing the radiant heat generated by lamps
- Draw 25% less current than magnetic ballasts, so salons can run more tanning beds off a single circuit
- Decrease maintenance costs by extending lamp life

Added Benefits:

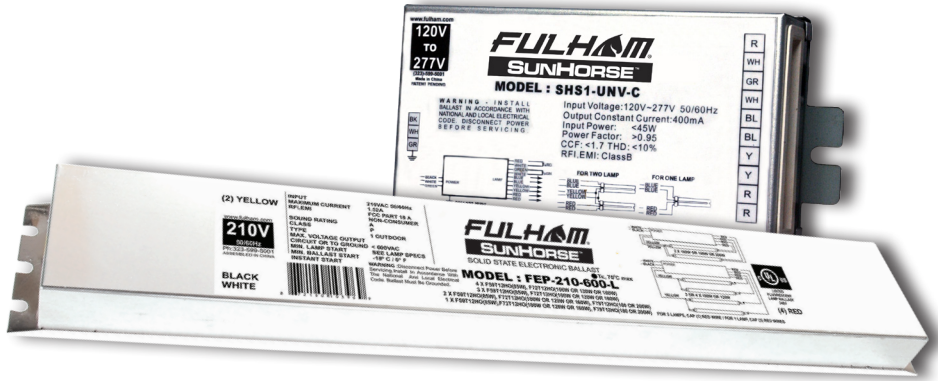
- Constant UV output option eliminates Buck/Boost transformer
- Dimming option allows for constant UV output during the entire life of the lamp
- Improved UV output speeds up tanning time
- Light weight makes tanning beds easier to move, transport and reposition



DIMMABLE & STANDARD ELECTRONIC BALLASTS FOR TANNING

COMMON SPECIFICATIONS

Frequency	50/60Hz
Protection Output	Yes
Protection Input	Fuse/MOV
Over Current	Yes
Voltage Transient	ANSI C82.11 - 1993/C62.41
Thermal Protection	Automatic Resetting Thermal Switch
EMI	FCC PART 18 non-consumer
Regulatory Approvals	UL/cULus
Class P Inherent	Type 1 Outdoor
Thermal Protection	
Lamp Starting Mode	Instant Start
Sound Rating	"A"



STANDARD MODELS

	FEP-120-600-L	FEP-210-600-L	FEP-230-600-L	SHGS1-MID-2-200-L	SHGS2-MID-4-100-L	SHGS3-MID-6-100-L
Operating Voltage	120VAC	210VAC	230VAC	208-240VAC +/- 10%	208-240VAC +/- 10%	208-240VAC +/- 10%
Max. Current	2.86	1.52	1.50	1.85	1.88	2.42
Rated Max. Load	320W	320W	320W	380W	380W	600W
Min. Operating Temp.	-18°C (0°F)	-18°C (0°F)	-18°C (0°F)	0°C (32°F)	0°C (32°F)	0°C (32°F)
Max Case Temp	70°C (158°F)	70°C (158°F)	70°C (158°F)	75°C (167°F)	75°C (167°F)	75°C (167°F)
Ballast Dimensions	H 1.25", W 3", L 18.75"	H 1.25", W 3", L 18.75"	H 1.25", W 3", L 18.75"	H 1.73", W 3.11", L 12"	H 1.73", W 3.11", L 12"	H 1.77", W 3.11", L 16"

DIMMABLE MODELS

	SHGD1-MID-2-200-L	SHGD2-MID-4-100-L
Operating Voltage	208-240VAC +/- 10%	208-240VAC +/- 10%
Max. Current	0.99	1.32
Rated Max. Load	200W	100W
Min. Operating Temp.	0°C (32°F)	0°C (32°F)
Max Case Temp	75°C (167°F)	75°C (167°F)
Ballast Dimensions	H 1.73", W 3.11", L 12"	H 1.73", W 3.11", L 12"

DIMMING FEATURES

Instant Start with 0-10V dimming control and linear (smooth) dimming from 100-70%.

LAMP OPERATION

Model Number	# of Lamps	Lamp Type / Designation
FEP-120-600-L	1 or 2	F72 / F79 T12HO
	3 x	F24 / F30 / F36 / F48 / F59 / F60 / F64 / F72 / F84 T12HO /
	4 x	F24 / F30 / F36 / F48 / F59 / F60 / F64 / F72 T12HO
FEP-210-600-L	1 or 2	F59 / F72 / F79 T12HO
	3 or 4	F59 / F72 T12HO
FEP-230-600-L	2 x	F72 / F79 T12HO
	4 x	F59 / F72 T12HO

Model Number	# of Lamps	Lamp Type / Designation
SHGS1-MID-2-200-L	1 or 2	F59 / F60 / F71 / F72 / F73 / F74 / F79 (180W) / F79 (200W) T12VHO
SHGS2-MID-4-100-L	3 or 4	F59 / F71 / F72 / F73 T12HO
SHGS3-MID-6-100-L	5 or 6	F59 / F71 / F72 / F73 T12HO
SHGD1-MID-2-200-L	1 or 2	F59T12VHO, F60T12VHO, F71T12VHO, F72T12VHO, F73T12VHO, F74T12VHO, F79T12VHO, F79T12VHO
SHGD2-MID-4-100-L	3 or 4	F59T12HO, F71T12HO, F72T12HO, F73T12HO

