

new >>

Electronic Ballasts for 150W Metal Halide Lamps

Technical Features

Minimum ballast temperature: -15°C/+5°F

Power factor: >95% / High (188243)

Lamp frequency: 140 Hertz square-wave

170 Hertz square-wave (188243)

Harmonic distortion: <10% (188243: <15%)

EMI/RFI: Complies with FCC 18C, non-consumer limits

Thermally protected

Lampholder: 4kV pulse rated

Safety: UL outdoor type 1, suitable for recessed use

Lamp Maintenance Notice

- To start new lamps or replaced lamps, turn off ballast input voltage for 10 seconds then back on.
- If lamp or wiring is defective the ballast will "shut down" in 1.5 to 30 minutes depending on the fault condition.

Safety Instructions

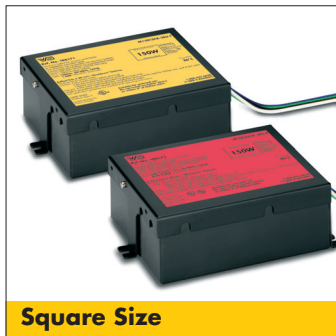
- Always disconnect power to the entire luminaire before installation and/or removal of ballasts or controls.
- Ballast green wire must be grounded.
- Install per national and local electrical codes.
- Dispose of any replaced ballasts and lamps properly.
- **Do not** connect lamp leads to ground or neutral.



Standard Size



Standard Size "J"



Square Size



Slim Size

cUL^{us} (except 188638, 188639)

cUL^{us} for 188638, 188639
pending

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Lamp ①		Electronic ballast							Warranty ②		
Output W	Type	Input power W	Input current max. A	Type	Ref. No.	Input voltage 50, 60 Hz V	Mounting/ lead exit	Weight lbs.	Max. case temperature 3 years 5 years °C °C		
Standard Size – Multi-Voltage											
new >>	150	M102 M142	Note ③	Note ③	M15012-27CK-5EU-F	188638 ③	120-277	Feet Side lead exit	Note ③	Note ③	Note ③
	new >>	150	M102 M142	Note ③	Note ③	M15012-27CK-5EU-J	188639 ③	120-277	Studs Top lead exit	Note ③	Note ③
Square Size											
	150	M102 M142	167	1.40	M15012CK-3EU-F	188171	120	Feet Side lead exit	3.5	<80	<75
	150	M102 M142	167	1.40	M15012CK-3EU-J	188172	120	Studs Top lead exit	3.5	<80	<75
	150	M102 M142	167	0.61	M15027CK-3EU-F	188173	277	Feet Side lead exit	3.5	<80	<75
	150	M102 M142	167	0.61	M15027CK-3EU-J	188184	277	Studs Top lead exit	3.5	<80	<75
Slim Size – Multi-Voltage											
	150	M102 M142	167	1.40 (120V) 0.61 (277V)	M15012-27CK-5EUN-F	188243	120-277	Feet Side lead exit	<2	<75	<70
	150	M102 M142	167	1.40 (120V) 0.61 (277V)	M15012-27CK-5EUN-J	188308	120-277	Studs Top lead exit	<2	<75	<70

Note ①: Consult lamp manufacturers for lamp compatibility approval.

Note ②: Warranty is based on maximum operating time of 4000 hours per year. For additional operating hours consult with VS.

Note ③: Please contact VS for availability and technical information.

VS reserves the right to change any of the above performance characteristics without notice.

