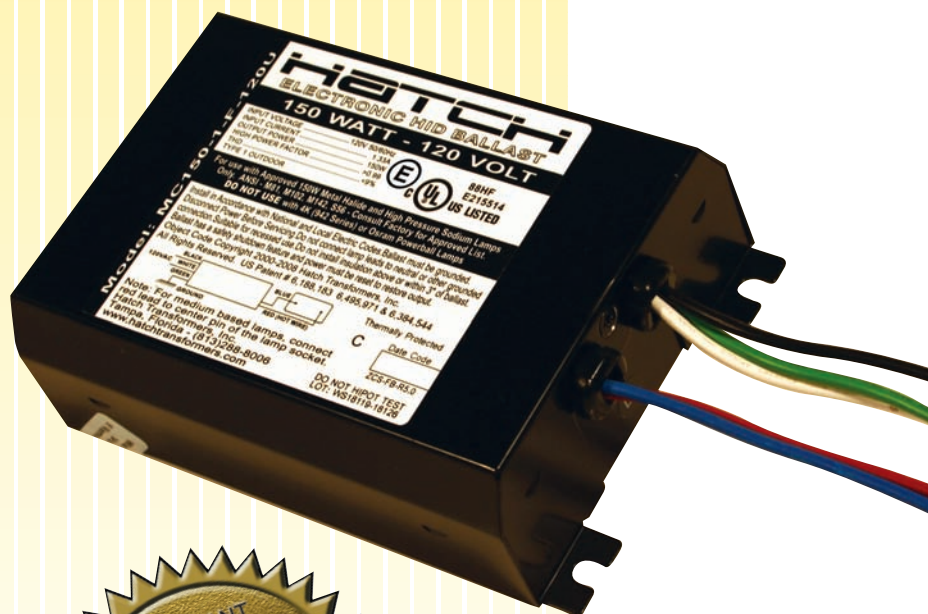


Electronic H.I.D. Ballasts

150 WATT FOR METAL HALIDE & HIGH PRESSURE SODIUM

SIDE LEAD AND BOTTOM FEED MODELS



**150 Watt
Dedicated
Voltage**

MEETS
CALIFORNIA
TITLE 20
Energy Efficiency
Standards

Only Hatch Offers:

- Ultra low Spectral Power Density
- Patented Half Bridge Technology
- Patented Automatic Lamp Crest Factor Control "ALCFC"
- Industry Leading Remote Mount Capabilities

Features

- Superior color uniformity
- Low profile, lightweight
- Excellent Lumen Maintenance
- Constant lumen output over a wide input voltage range and lamp voltage variation
- Significant energy savings as compared to magnetic ballasts
- Thermal protection
- Approved for recessed use
- Micro Processor Controlled
 - Safety Shut Down Features
 - End of Lamp Life Protection
 - Superior Hot Lamp Restrike Characteristics
- Designed, tested & approved for most Lamp Brands.
(Contact factory for approved list)
- Low Voltage Lamp Shutdown

Environmental Specifications

Minimum Starting Temperature.....-30°C
Maximum Case Temperature.....80°C
Emi/RFI.....Complies with FCC 18C
Sound Rating.....A
Warranty.....Up to 5 Years
Safety Listing.....UL Type 1 Outdoor E

Electrical/Mechanical Specifications

INPUT

Voltage120V AC nominal (108-132)
.....Absolute operational limits. 95-145V
.....277V AC nominal (220-277V)
.....Absolute operational limits. 200-305V
Frequency.....50/60Hz
Line Regulation.....+/-0.5 output variation over
.....full input range
Power Factor.....> 0.95
Total Harmonic Distortion.....< 10%

OUTPUT

**Lamp Operating
Frequency**165Hz Square Wave

Lamp Current C.F......<1.3
ALCFC.....Yes
Weight.....15 oz
Transient Protection.....Yes
Short Circuit Protection.....Yes
Thermal Protection.....Yes
Open Circuit / No Lamp / Hot Lamp

**Shutdown, Retry and Ignition Failure
Protection**.....Yes
Ignition failure shutdown in 5 seconds followed by
multiple timed restrikes with lamp ignition or timed
shutdown until power is reset (restrike timing is lamp
wattage dependent).

**Lamp Distance
from Ballast**.....Consult factory.
Lead Lengths
Side Lead Models.....8"
Bottom Feed Models.....10"
Safety Standard.....UL Type 1 Outdoor E
.....CE 277 Volt Model Only

HATCH

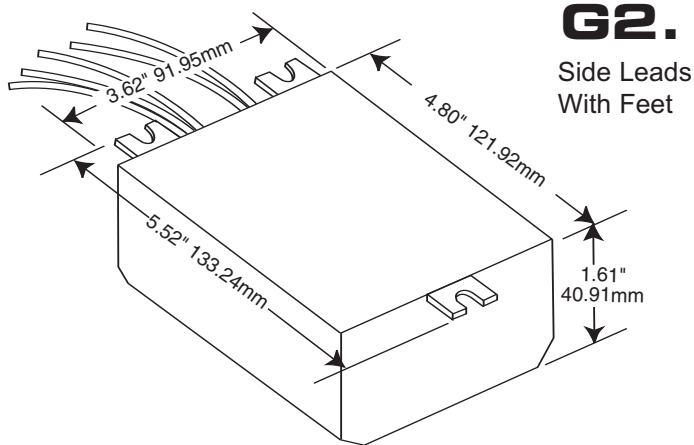
Hatch Transformers, Inc.

7821 Woodland Center Boulevard Tampa, FL 33614 • Ph: 813-288-8006 • Fax: 813-288-8105 • www.hatchtransformers.com

Electronic H.I.D. Ballasts

150 Watt For Metal Halide & High Pressure Sodium

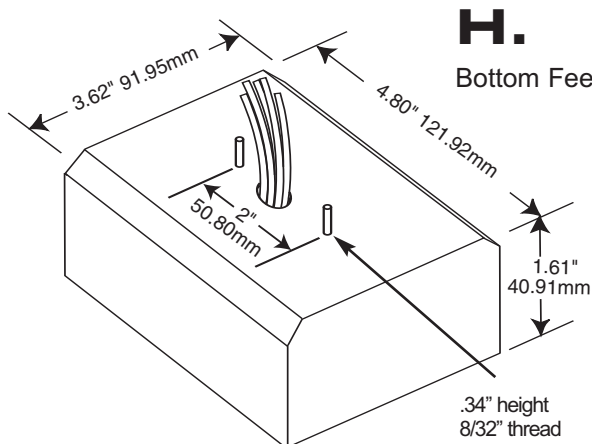
DIMENSIONS



G2.

Side Leads
With Feet

Center line to center line
is .16" less than end to
end on models with
mounting feet.

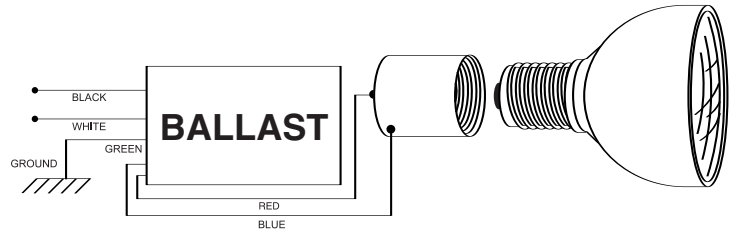


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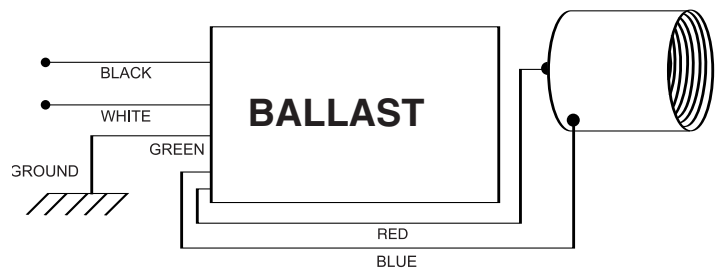
Bottom Feed

WIRING DIAGRAMS

For PAR Lamps



For Double Ended or Bi-Pin Lamps



**MEETS
CALIFORNIA
TITLE 20
Energy Efficiency
Standards**

Watts	LAMP TYPES / ANSI CODES	No. Lamps	Nominal Input Power	Input Current	Case Dim.	Hatch Item Number
150	M102, M142 Ceramic S56 HPS	1	164 Watts	120V-.1.37 Amps 208V-.79 Amps 240V-.69 Amps 277V-.60 Amps	G2	MC150-1-F-120U
					H	MC150-1-J-120U
					G2	MC150-1-F-277U
					H	MC150-1-J-277U

Specifications subject to change without notice. 0509

**Please call your Hatch representative or refer to the latest
Hatch Electronic Ballast/Lamp Matrix for specifics.**

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