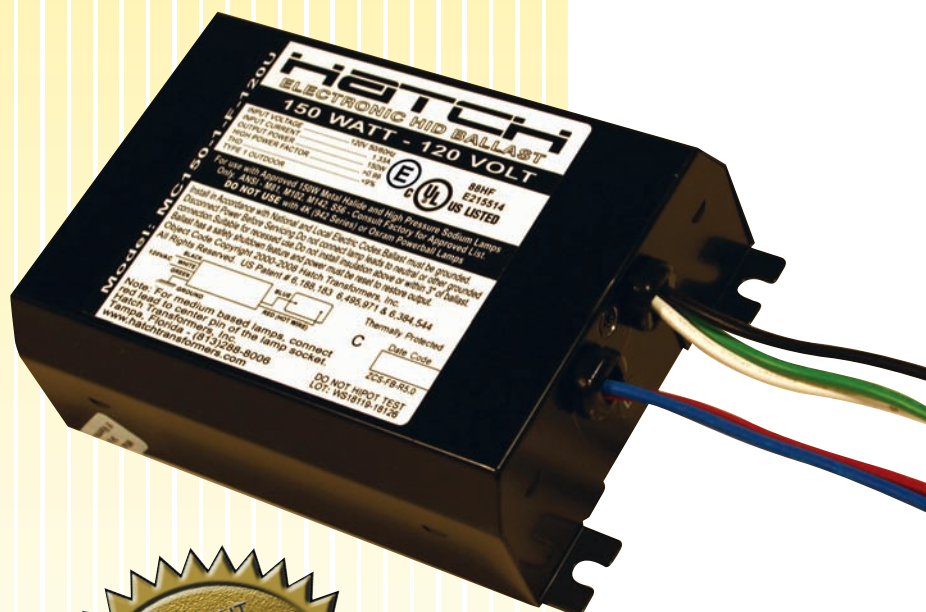


Electronic H.I.D. Ballasts

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).

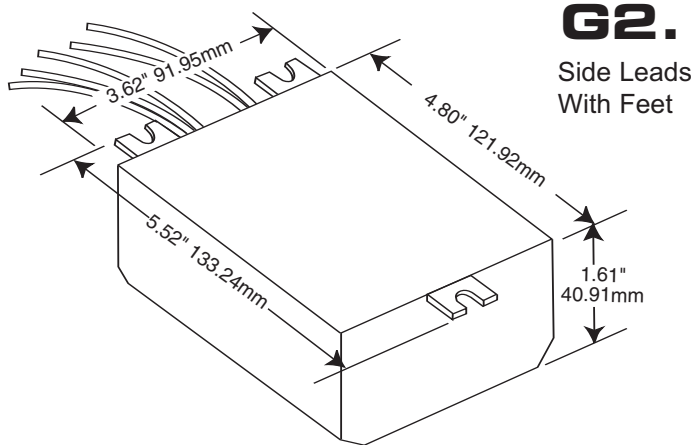
**Lamp Distance
from Ballast**.....Consult factory.
Lead Lengths
Side Lead Models.....8"
Bottom Feed Models.....10"
Safety Standard.....UL Type 1 Outdoor E
.....CE 277 Volt Model Only

HATCH

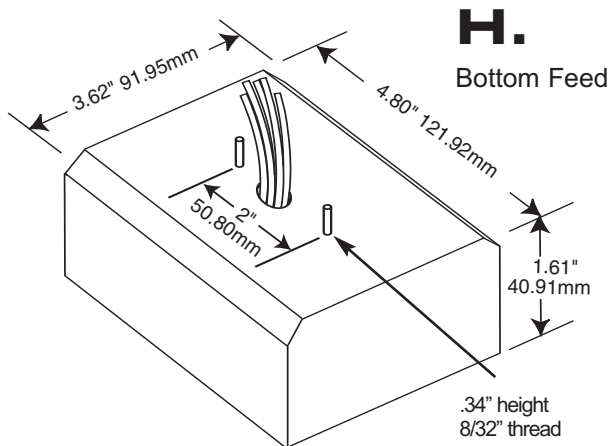
Electronic H.I.D. Ballasts

150 Watt For Metal Halide & High Pressure Sodium

DIMENSIONS

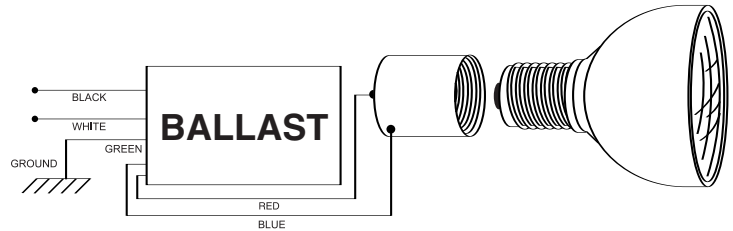


Center line to center line is .16" less than end to end on models with mounting feet.

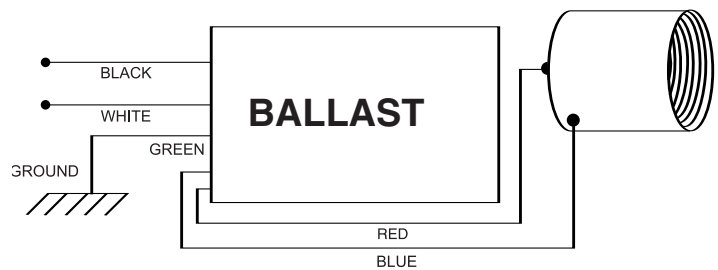


WIRING DIAGRAMS

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