

### ELECTRONIC HID BALLASTS

Case Material: Metal

Input	
Nominal Voltage	Dedicated 120V or 277V
Frequency	50/60Hz
Line Regulation	± 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

Ordering Information	
Standard Case Quantity	50 Units
Unit Weight/Case Weight	0.88 lbs/46.5 lbs

### ELECTRICAL SPECIFICATIONS

Watts	Hatch Part Number	Description	Lamp Types/ANSI Codes	Voltage Range	Nominal Input Power	Input Current/ Input Voltage	Max. Remote Distance (ft)
150	MC150-1-F-120U	150 Watt 120V Standard w/Feet	M102, M142 Ceramic MH	120V AC Nominal 108 - 132V 277V AC Nominal 220 - 277V	164 Watts	1.37 Amps @120V .79 Amps @ 208V .69 Amps @ 240V .60 Amps @ 277V	25
	MC150-1-J-120U	150 Watt 120V Standard Bottom Feed w/Studs					
	MC150-1-F-277U	150 Watt 277V Standard w/Feet					
	MC150-1-J-277U	150 Watt 277V Standard Bottom Feed w/Studs					

**DO NOT USE Osram Powerball Lamps**

#### PRODUCT FEATURES :

- Thermal protection
- Approved for recessed use
- Micro Processor Controlled
  - Safety Shut Down Features
  - Superior Hot Lamp Restrike Characteristic
- Sound Rated: A
- Minimum Starting Temperature: -30°C
- Maximum Case Temperature: 80°C
- Complies with FCC Part 18 (Class B) Consumer limits
- 5 Year Warranty

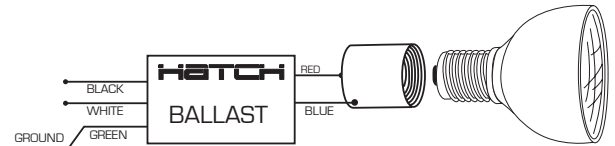
- Transient Protection
- Lamp end-of-life protected
- Short Circuit Protection
- Open Circuit/No Lamp/ Hot Lamp Shutdown, Retry and Ignition Failure Protection:
  - Ignition failure shutdown in 5 seconds followed by multiple timed restrikes with lamp ignition or timed shutdown until power is reset (restrike timing is lamp wattage dependent)

#### APPROVALS:

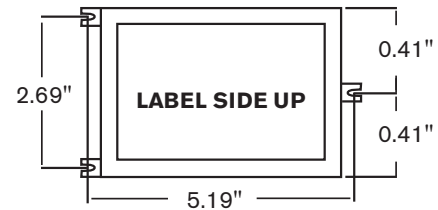


**CALIFORNIA TITLE 20**

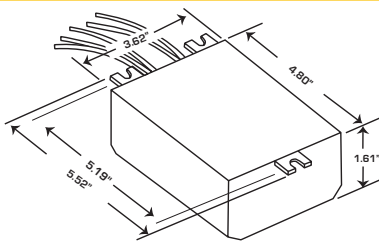
#### WIRING DIAGRAM:



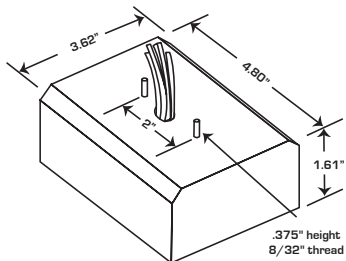
#### MOUNTING DIAGRAM:



#### CASE DIMENSIONS & MECHANICAL SPECIFICATIONS:



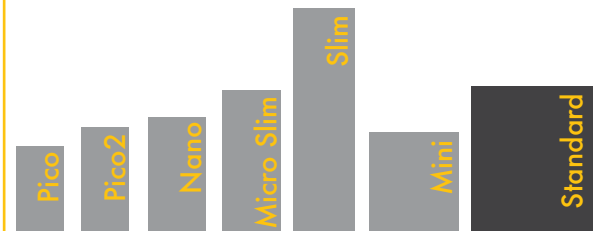
Center line to center line is .16" less than end to end on models with mounting feet.



CASE STYLE	MOUNTING
<b>U - Standard</b>	<b>F - With feet</b>
<b>Wiring Information</b>	
Lead Length :	Input/Output : 9"
Wire Type :	Input: 18AWG, 105°C, 600V
<b>Operating Temperatures</b>	
Minimum Starting Temperature :	-30°C
Maximum Case Temperature :	80°C

CASE STYLE	MOUNTING
<b>U - Standard</b>	<b>J - Bottom feed with studs</b>
<b>Wiring Information</b>	
Lead Length :	Input/Output : 9"
Wire Type :	Input: 18AWG, 105°C, 600V
<b>Operating Temperatures</b>	
Minimum Starting Temperature :	-30°C
Maximum Case Temperature :	80°C

#### CASE STYLE SIZE CHART:



Each case style listed in the Size Chart represents a side lead model with no mounting feet. All HATCH E-HID Ballasts are available in several mounting and wiring configurations, each with slightly different dimensions from those listed in the chart.



**Available for CMH or HPS Lamps**