

### ELECTRONIC HID BALLASTS

Case Material: Metal

Input	
Nominal Voltage	Universal 120V to 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	1.01 lbs/53 lbs

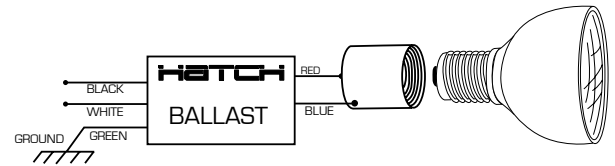
### ELECTRICAL SPECIFICATIONS

Watts	Hatch Part Number	Description	Lamp Types/ANSI Codes	Voltage Range	Nominal Input Power	Input Current/ Input Voltage	Max. Remote Distance (ft)
100	MC100-1-F-UNNU-HB	100 Watt Universal Standard w/Feet	M/C90, M/C140 Ceramic MH	Wide range input 108-305VAC	110 Watts	.92 Amps @ 120V .53 Amps @ 208V .46 Amps @ 240V .40 Amps @ 277V	25
	MC100-1-J-UNNU-HB	100 Watt Universal Standard Bottom Feed w/Studs					

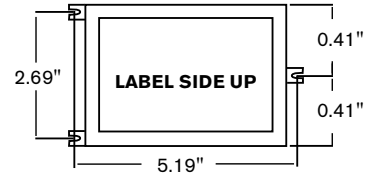
#### PRODUCT FEATURES :

- 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
  - Up to 5 Year Warranty
- Lamp end-of-life protected
  - Type 1 Outdoor
  - 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)

#### WIRING DIAGRAM:



#### MOUNTING DIAGRAM:



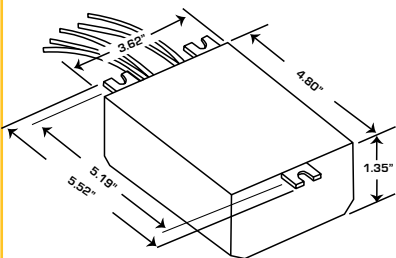
#### APPROVALS:



Type 1 Outdoor

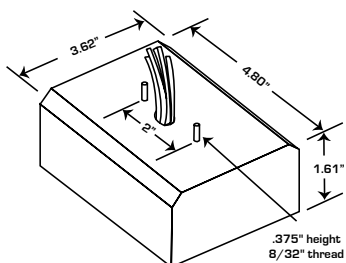


#### CASE DIMENSIONS & MECHANICAL SPECIFICATIONS:



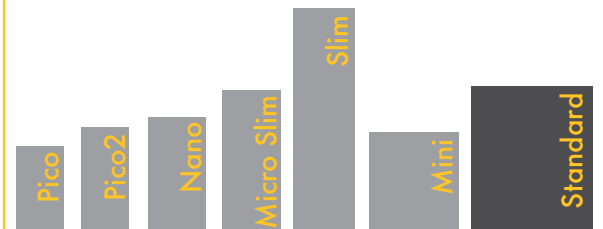
Center line to center line is .16" less than end to end on models with mounting feet.

CASE STYLE	MOUNTING
U - Standard	F - With feet
<b>Wiring Information</b>	
Lead Length :	Input/Output : 8"
Wire Type :	Input: 18AWG, 105°C, 600V
<b>Operating Temperatures</b>	
Minimum Starting Temperature :	-30°C
Maximum Case Temperature :	80°C



CASE STYLE	MOUNTING
U - Standard	J - Bottom feed with studs
<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.

