

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

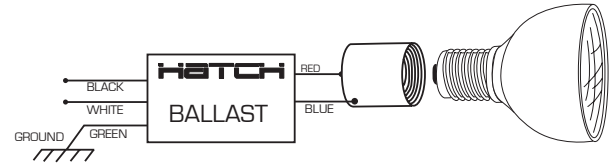
ELECTRICAL SPECIFICATIONS

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
- 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:



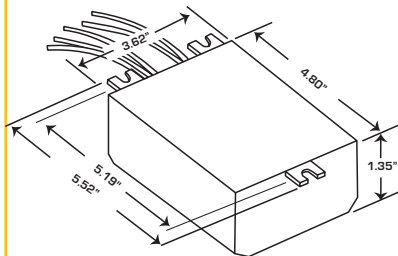
APPROVALS:



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

Wiring Information

Lead Length : Input/Output : 8"
Wire Type : Input: 18AWG, 105°C, 600V

Operating Temperatures

Minimum Starting Temperature : -30°C
Maximum Case Temperature : 80°C

CASE STYLE

MOUNTING

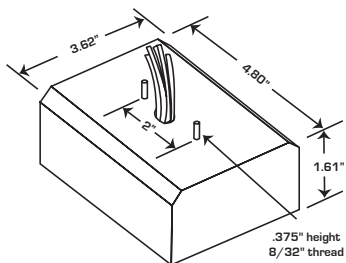
U - Standard J - Bottom feed with studs

Wiring Information

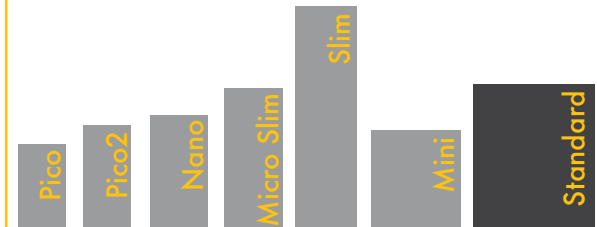
Lead Length : Input/Output : 9"
Wire Type : Input: 18AWG, 105°C, 600V

Operating Temperatures

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.

