

Series 22W Nano

Dedicated Low Ignition Voltage Models

ELECTRONIC HID BALLASTS

Input	
Nominal Voltage	Dedicated 120V or 277V
Frequency	50/60Hz
Line Regulation	\pm 5% output variation over full input range
Power Factor	> 0.95
Total Harmonic Distortion	< 10%

Output			
Lamp Operating Frequency	155Hz Square Wave		
Lamp Current C.F.	<1.3		
Ordering Information			
Standard Case Quantity	50 Units		
Unit Weight/Case Weight	0.51 lbs/28 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)
22	MC22-1-F-12LX	22 Watt 120V Nano w/Feet Low Strike	2000/830 CT75E	120V ±10% AC Nominal 108-132V 277V ±10% AC Nominal 185-305V	26 Watts		
	MC22-1-F-27LX	22 Watt 277V Nano w/Feet Low Strike				.22 Amps @ 120V .13 Amps @ 208V .11 Amps @ 240V .10 Amps @ 277V	10
	MC22-1-J-12LX	22 Watt 120V Nano Bottom Feed Low Strike w/Studs					
	MC22-1-J-27LX	22 Watt 277V Nano Bottom Feed Low Strike w/Studs					

ROHS

CT FEATURES :

- -Transient Protection Meets ANSI/IEEE C62.41 Cat A
- Short Circuit Protection

APPROVALS

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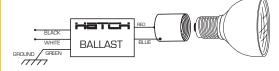
LISTED

- 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

Type 1 Outdoor

timing is lamp wattage dependent)

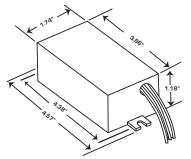
WIRING DIAGRAMS:



MOUNTING DIAGRAM:



CASE DIMENSIONS & MECHANICAL SPECIFICATIONS:



- Thermal protection

Characteristic

- Sound Rated: A

Consumer limits

-Lamp end-of-life protected

- 5 Year Warranty

- Approved for recessed use

- Micro Processor Controlled

- Low Voltage Lamp Shutdown

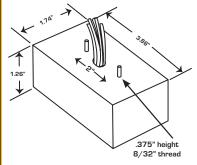
Safety Shut Down Features

Superior Hot Lamp Restrike

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

- Complies with FCC Part 18 (Class B)

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



MOUNTING				
F - Side lead with feet				
Wiring Information				
Input/Output : 8"				
Input: 18AWG, 105°C, 600V				
Operating Temperatures				
erature : -30°C				
ature : 80°C				

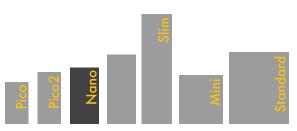
* Available without feet, special order

SE STYLE MOUNTING

X - Nano J - Bottom feed with studs

Wiring Information	
Lead Length :	Input/Output : 10"
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.



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