

ELECTRONIC HID BALLASTS

HATCH

Precision Power. Perfect Light.



Electronic HID Ballasts

Hatch Electronic HID ballasts have been designed from the ground up to be the most reliable and flexible ballasts in the lighting industry. Available in a wide variety of case sizes and configurations, Hatch HID ballasts are recognized in the lighting industry for their proven dependability in countless applications. With millions of units performing in the field today, Hatch HID ballasts can be trusted to deliver superior light and lamp life.

HATCH

All Hatch Electronic HID Ballasts Feature:

- Superior color uniformity
- Low profile, lightweight cases
- Excellent lumen maintenance
- Constant lumen output over a wide input voltage range and lamp voltage variation
- Significant energy savings when compared to magnetic ballasts
- Integrated thermal protection
- Approval for recessed use
- Microprocessor control
- Safety Shutdown features
- End of lamp life protection
- Superior hot lamp restrike characteristics
- Designed, tested, & approved for most lamp brands
- Low voltage lamp shutdown

www.hatchlighting.com

Intro: Electronic HID Ballasts

1

Table of Contents

2

Technological Innovations in HID

3

Part Number Guide

4

Case Styles

5-10

General Ballast Specifications

11-18

Wiring Diagrams

19-20

Remote Mounting

21

Products By Hatch

22

To view complete online HID ballast specifications, scan this barcode with your Smartphone.

Don't have a scanning App? Search the Apple App Store, Android Market or BlackBerry App World for a barcode scanning application





Technological Innovations In HID

Ultra Low Spectral Power Ratio

This is a measure of the ballasts fundamental frequency (desired frequency) power in proportion to the unwanted frequency (high frequency) power. For operation with most lamps, ANSI requires that the Spectral Power Ratio in any 1kHz band between 10kHz and 400kHz be less than 1.8% of the total lamp power. All Hatch ballasts meet and exceed this requirement.

Resonant Start Technology & Hybrid Pulsed Resonant Ignition System (HPRIS)

Hatch Transformers was amongst the very early adopters of resonant start technology for HID lamps. Historically HID lamps were started using a pulse ignitor which used a 3-4kV pulse to start the lamp. Hatch adopted resonant start technology so as to reduce inconsistencies in starting performance, especially where the lamp is mounted some distance from the ballast. With the patented Hatch Resonant Start Technology, it is possible to start and run a lamp some distance from the ballast where pulse ignition systems would fail due to lamp wiring capacitance. Hatch's patented Resonant Start Technology has been developed over the years to further refine lamps starting characteristics and our most up to date Hybrid Pulsed Resonant Ignition System (*HPRIS*) is the safest and best performing HID ignition system to be found in the industry.

Patented Half Bridge Technology

Hatch Half Bridge ballast models use a patented design of half bridge topology which allows Hatch to produce one of the most high performance low wattage ballast systems available. This patented technology improves many aspects of product reliability over other ballast designs.

Patented Lamp Current Crest Factor Control

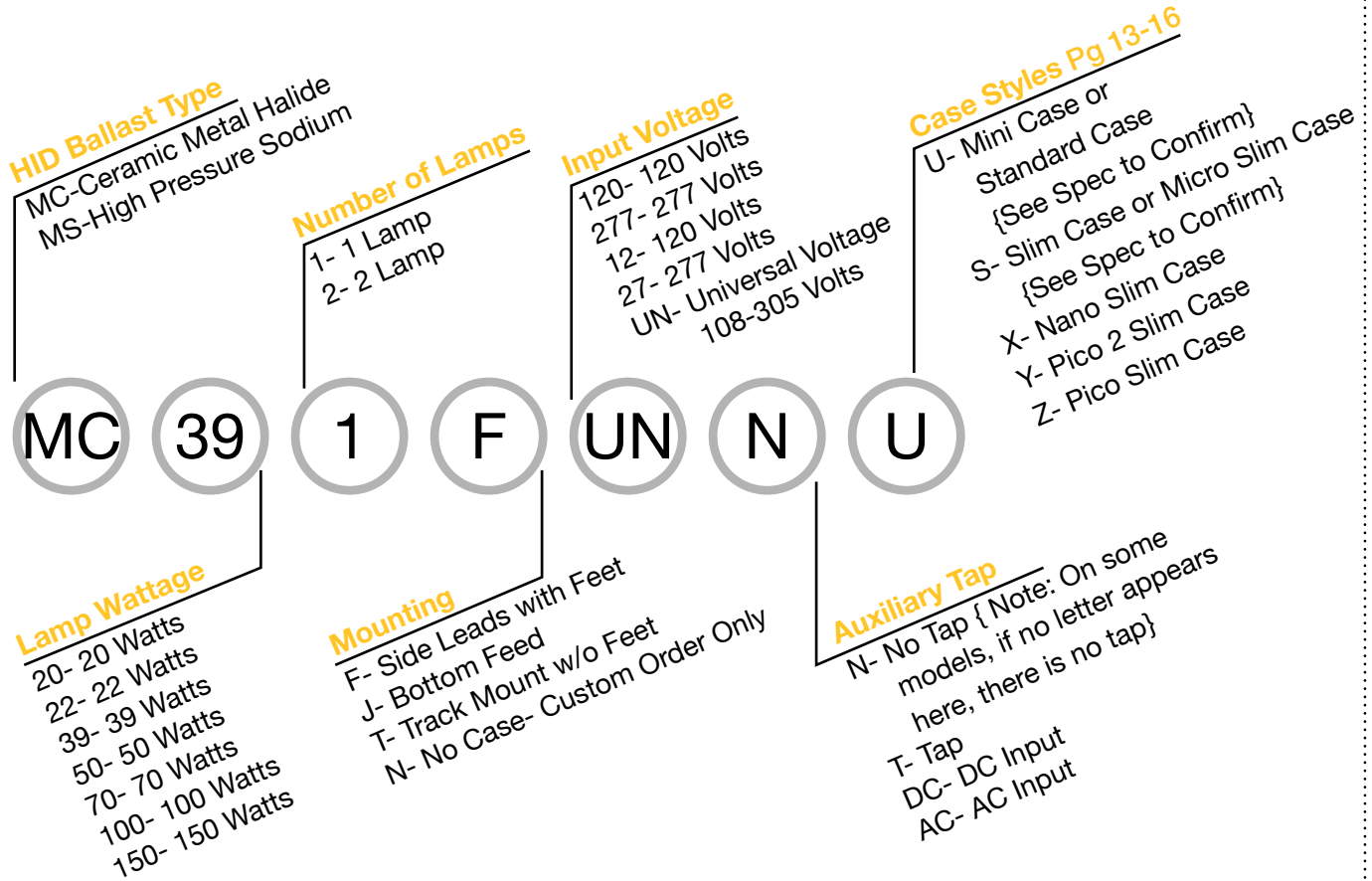
Hatch Ballasts have a patented system for actively compensating for lamp conditions and adjusting the lamp current drive waveform to control the lamp current crest factor under all lamp operating conditions over lamp warm up and lamp life. This results in reduced electrode erosion and increased lamp life.

Certifications



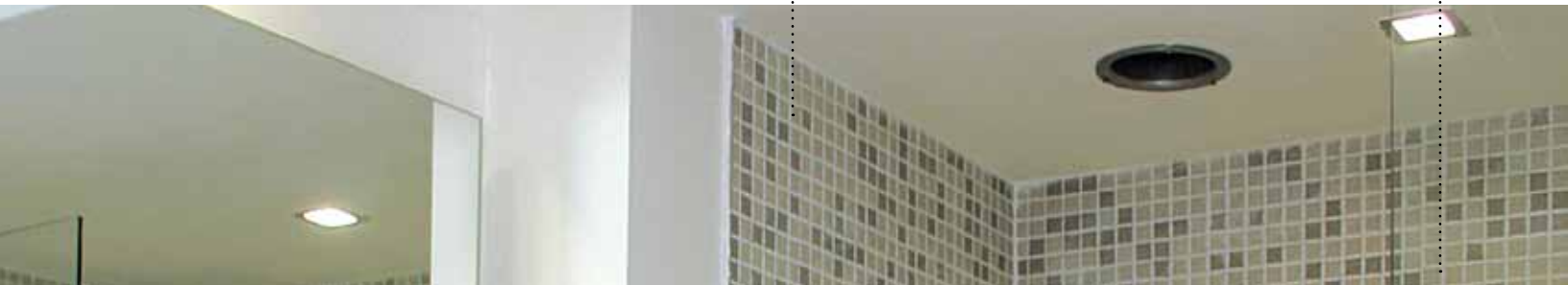
Understanding Hatch HID Ballast Part Numbers

Example Part Number: **MC39-1-F-UNNU**



What does HB mean at the end of a part number?

HB indicates a new ballast topology for certain 70 watt and 100 watt models. It does not affect the performance or mounting characteristics of the ballast in any way.

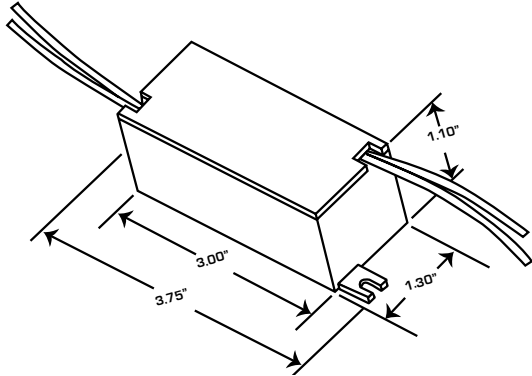


Case Styles All measurements in inches

Pico - Slim

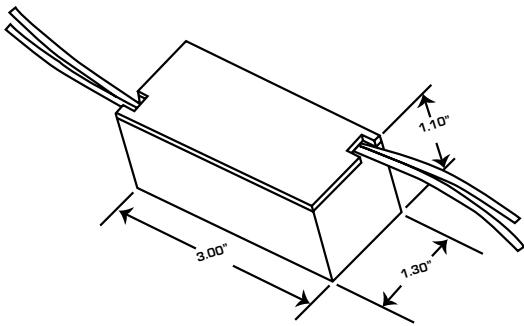
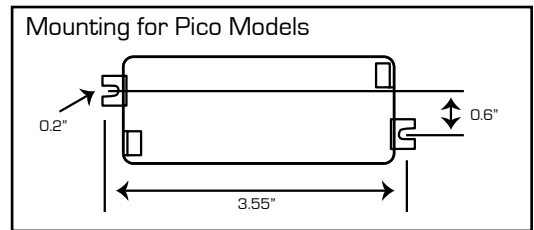


Case Material: Polycarbonate



A. Pico - Slim

* With Feet



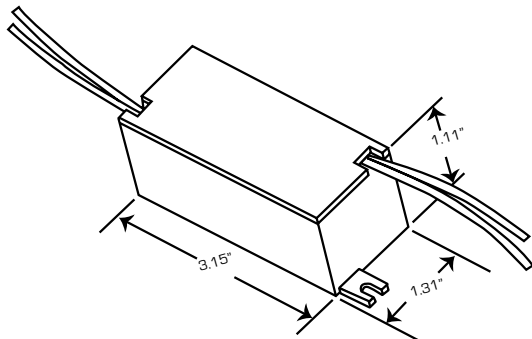
B. Pico - Slim

* Track model without feet

Pico - Slim 2

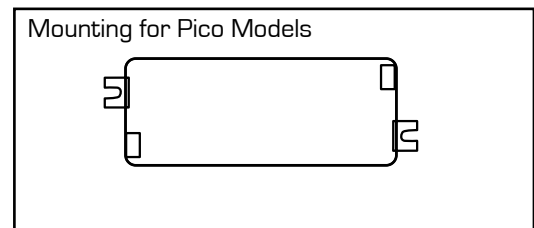


Case Material: Polycarbonate



C. Pico - Slim 2

* With Feet

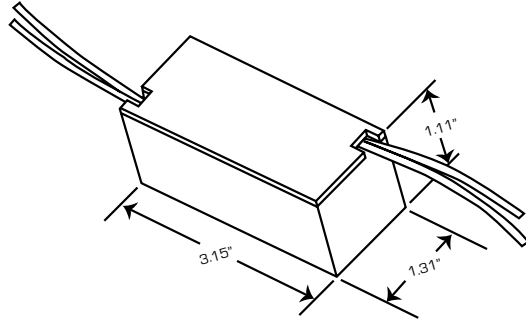


Case Styles

Pico - Slim 2

D.

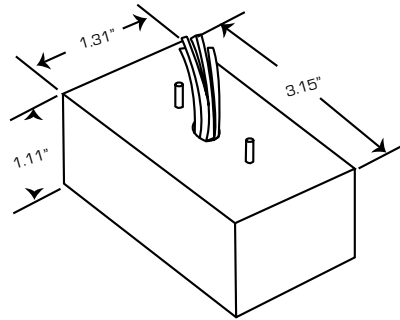
* Track model without feet



Pico - Slim 2

E.

* Bottom feed



Nano - Slim

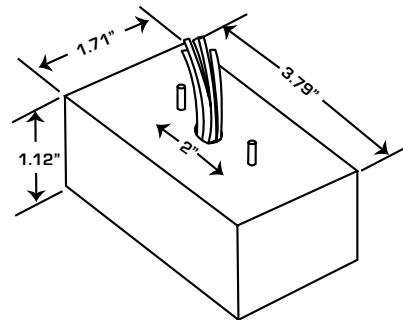
Case Material: Metal



Nano - Slim

F.

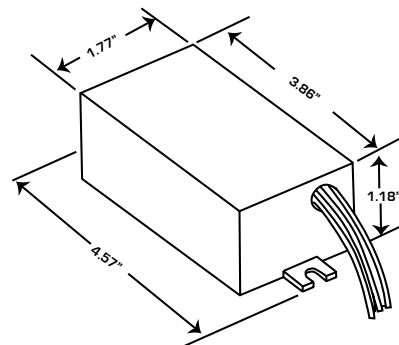
* Bottom feed with studs



Nano - Slim

G.

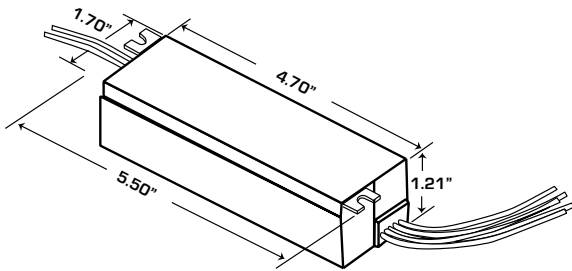
* With feet



Case Styles

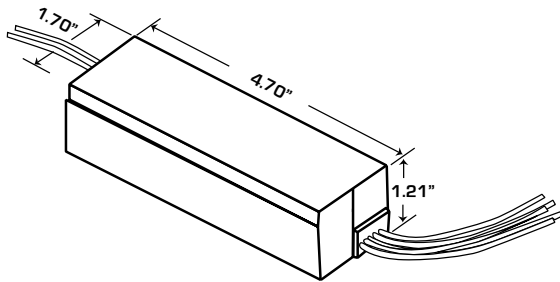
Micro - Slim

Case Material: Polycarbonate



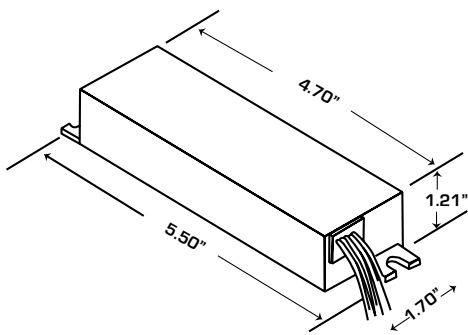
H. Micro Slim

- * With feet
- * Leads out opposite sides



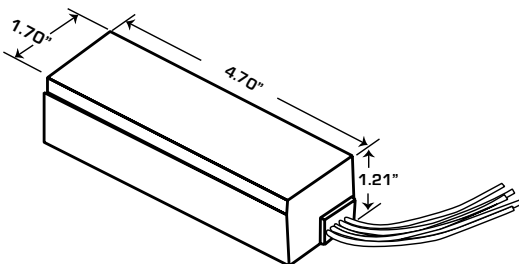
I. Micro Slim

- * Track model without feet
- * Leads out opposite sides



J. Micro Slim

- * With feet and leads out one side



K. Micro Slim

- * Track model without feet and leads out one side



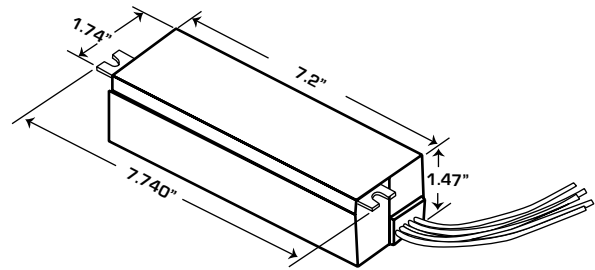
Case Material: Metal



Slim

L.

*With feet and leads out one side

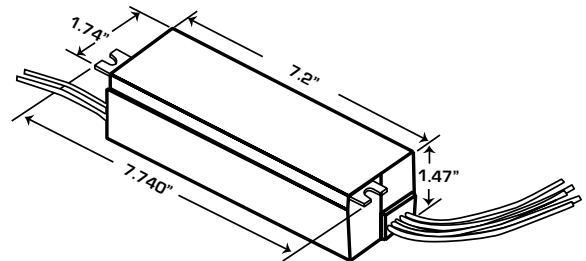


Slim

M.

*With feet

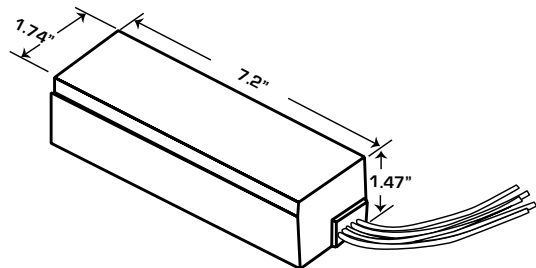
* Leads out opposite sides



Slim

N.

*Track model without feet and leads out one side

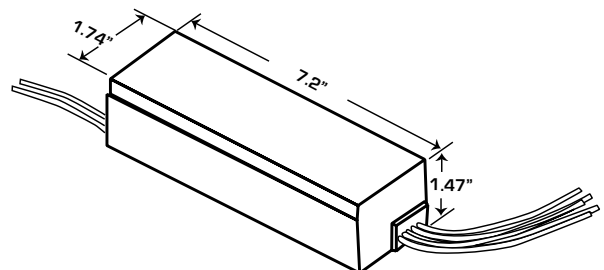


Slim

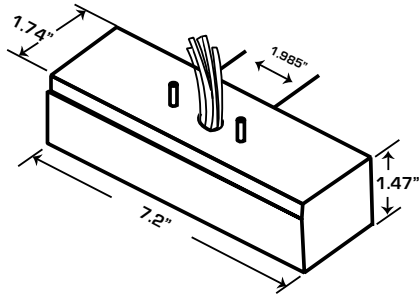
O.

* Without feet

* Leads out opposite sides



Case Styles



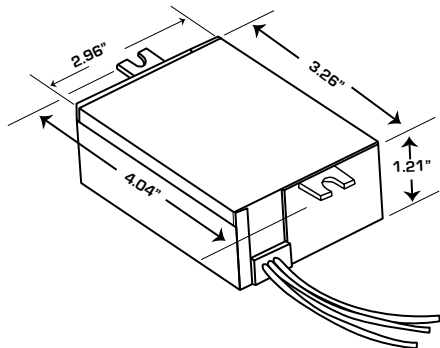
P. Slim

* Bottom feed with studs



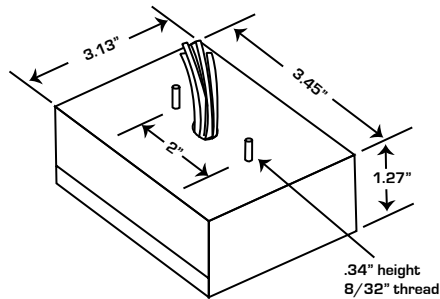
Mini

Case Material: Metal



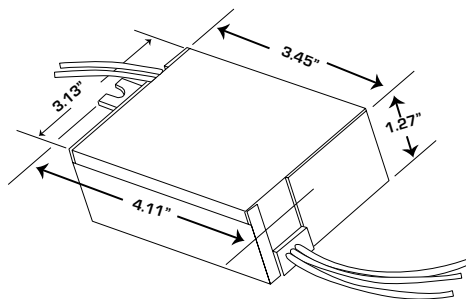
Q. Mini

* With feet



R. Mini

* Bottom feed with studs



S. Mini

* With feet 24V AC/DC models only

Case Styles

Standard

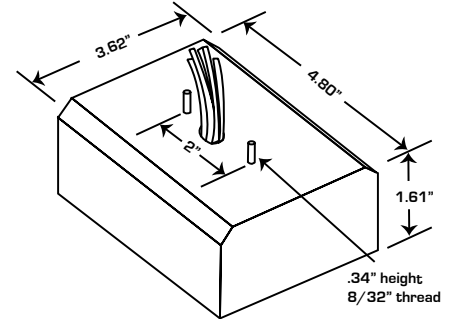
Case Material: Metal



Standard

T.

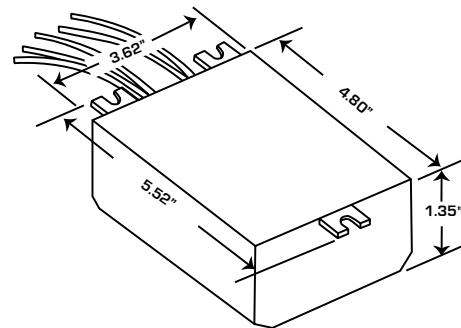
- * Bottom feed with studs
- * Note: Height 1.61"



Standard

U.

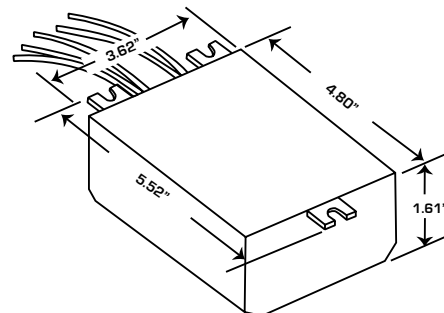
- * With feet
- * Note: Height 1.35"



Standard

W.

- * With feet
- * Note: Height 1.61"
- * 150 Watt Models Only



Electronic HID Product Family



General Specifications

20 WATT BALLASTS

Pico-Slim - Dedicated Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
20	MC20-1-F-120Z	20 Watt 120V Pico w/Feet	M/C156 Ceramic	1	24 Watts	0.2A@120V	A	I, VI
	MC20-1-T-120Z	20 Watt 120V Pico Track					B	

Nano-Slim - Dedicated Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
20	MC20-1-F-120X	20 Watt 120V Nano w/Feet	M/C156 Ceramic	1	24 Watts	.20 Amps @ 120V .12 Amps @ 208V .10 Amps @ 240V .09 Amps @ 277V	G	II, IV
	MC20-1-F-277X	20 Watt 277V Nano w/Feet					G	
	MC20-1-J-120X	20 Watt 120V Nano Bottom Feed					F	
	MC20-1-J-277X	20 Watt 277V Nano Bottom Feed					F	

Micro-Slim - Dedicated Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
20	MC20-1-F-UNNS	20 Watt Universal Micro Slim w/Feet and Leads out Opposite Sides	M/C156 Ceramic	1	24 Watts	.20 Amps @ 120V .12 Amps @ 208V .10 Amps @ 240V .09 Amps @ 277V	H	II, III, IV
	MC20-1-T-UNNS	20 Watt Universal Micro Slim Track w/ Leads out Opposite Sides					I	
	MC20-1-F-UNNSL	20 Watt Universal Micro Slim w/Feet and Leads out One Side					J	
	MC20-1-T-UNNSL	20 Watt Universal Micro Slim Track w/ Leads out One Side					K	

* Call for manufacturers approval

Mini - Dedicated Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
20	MC20-1-F-120U	20 Watt 120V Mini w/Feet	M/C156 Ceramic	1	24 Watts	.20 Amps @ 120V .12 Amps @ 208V .10 Amps @ 240V .09 Amps @ 277V	Q	II, IV
	MC20-1-F-277U	20 Watt 277V Mini w/Feet					Q	
	MC20-1-J-120U	20 Watt 120V Mini Bottom Feed					R	
	MC20-1-J-277U	20 Watt 277V Mini Bottom Feed					R	
	MC20-1-N-120U	20 Watt 120V No Case Custom Order Only					-	

Mini - Universal Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
20	MC20-1-F-UNNU	20 Watt Universal Mini w/Feet	M/C156 Ceramic	1	24 Watts	.20 Amps @ 120V .12 Amps @ 208V .10 Amps @ 240V .09 Amps @ 277V	Q	II, IV
	MC20-1-J-UNNU	20 Watt Universal Mini Bottom Feed					R	

Mini - 24 Volt DC Input

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
20	MC20-1-F-24DCU	20 Watt Mini w/24V DC Input	M/C156 Ceramic	1	24 Watts	24V DC-1.0 Amps	S	III, IV

22 WATT BALLASTS

Nano - Slim "Low Strike" - Dedicated Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
22	MC22-1-F-12LX	22 Watt 120V Nano w/Feet Low Strike	Phillips - CDM-TM 20W/830* C175E	1	26 Watts	.22 Amps @ 120V .13 Amps @ 208V .11 Amps @ 240V .10 Amps @ 277V	G	IV
	MC22-1-F-27LX	22 Watt 277V Nano w/Feet Low Strike					G	
	MC22-1-J-12LX	22 Watt 120V Nano Bottom Feed Low Strike					F	
	MC22-1-J-27LX	22 Watt 277V Nano Bottom Feed Low Strike					F	

* Call for manufacturers approval



General Specifications

Mini "Low Strike" - Universal Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
22	MC22-1-F-UNLU	22 Watt Mini	Phillips – CDM-TM 20W/830* C175E	1	26 Watts	.22 Amps @ 120V	Q	IV
	MC22-1-J-UNLU	22 Watt Mini				.13 Amps @ 208V .11 Amps @ 240V .10 Amps @ 277V		

39 WATT BALLASTS

Nano-Slim "Low Strike" - Dedicated Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
39	MC39-1-F-12LX	39 Watt 120V Nano w/Feet Low Strike	Phillips – CDM-TM 35W/830* C179E	1	44 Watts	.20 Amps @ 120V	G	II, IV
	MC39-1-F-27LX	39 Watt 277V Nano w/Feet Low Strike				.12 Amps @ 208V		
	MC39-1-J-12LX	39 Watt 120V Nano Bottom Feed Low Strike				.10 Amps @ 240V	F	
	MC39-1-J-27LX	39 Watt 277V Nano Bottom Feed Low Strike				.09 Amps @ 277V	F	

Nano-Slim - Dedicated Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
39	MC39-1-F-120X	39 Watt 120V Nano w/Feet	M130 Ceramic SLi BriteSpot 39W	1	44 Watts	.37 Amps @ 120V	G	II, IV
	MC39-1-F-277X	39 Watt 277V Nano w/Feet				.22 Amps @ 208V		
	MC39-1-J-120X	39 Watt 120V Nano Bottom Feed				.19 Amps @ 240V	H	
	MC39-1-J-277X	39 Watt 277V Nano Bottom Feed				.16 Amps @ 277V	H	

* Call for manufacturers approval

Micro-Slim - Universal Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
39	MC39-1-F-UNNS	39 Watt Universal Micro Slim w/Feet and Leads out Opposite Sides	M130 Ceramic SLi BriteSpot 39W	1	44 Watts	.37 Amps @ 120V .22 Amps @ 208V .19 Amps @ 240V .16 Amps @ 277V	H	II, III, IV
	MC39-1-T-UNNS	39 Watt Universal Micro Slim Track w/ Leads out Opposite Sides					I	
	MC39-1-F-UNNSL	39 Watt Universal Micro Slim w/Feet and Leads out One Side					J	
	MC39-1-T-UNNSL	39 Watt Universal Micro Slim Track w/ Leads out One Side					K	

Mini - Dedicated Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
39	MC39-1-F-120U	39 Watt 120V Mini w/Feet	M130 Ceramic SLi BriteSpot 39W	1	44 Watts	1.37 Amps @ 120V .79 Amps @ 208V .69 Amps @ 240V .60 Amps @ 277V	Q	II, III, IV
	MC39-1-J-120U	39 Watt 120V Mini Bottom Feed					R	
	MC39-1-N-120U	39 Watt Mini 120V No Case Custom Order Only					-	
	MC39-1-F-277U	39 Watt 277V Mini w/Feet					Q	
	MC39-1-J-277U	39 Watt 277V Mini Bottom Feed					R	
	MC39-1-N-277U	39 Watt Mini 277V No Case Custom Order Only					-	

Mini "Low Strike" - Universal Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
39	MC39-1-F-UNLU	39 Watt Universal Mini Low Strike w/ Feet	Phillips - CDM-TM 35W/830 C179E	1	44 Watts	.37 Amps @ 120V .22 Amps @ 208V .19 Amps @ 240V .16 Amps @ 277V	Q	II, IV
	MC39-1-J-UNLU	39 Watt Universal Mini Low Strike Bottom Feed					R	

Mini 24 Volt A/C Input - Universal Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
39	MC39-1-F-24ACU	39 Watt Mini w/24V A/C Input	M130 Ceramic SLi BriteSpot 39 Watt	1	44 Watts	1.84 Amps @ 24V	S	III, V
	MC39-1-J-24ACU	39 Watt Mini w/24V A/C Input					R	

General Specifications

Mini 24 Volt DC Input - Universal Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
39	MC39-1-F-24DCU	39 Watt Mini with 24V DC Input	M130 Ceramic SLi BriteSpot 39 Watt	1	44 Watts	1.84 Amps @ 24V	S	III, V

Mini - Universal Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
39	MC39-1-F-UNNU	39 Watt Universal Mini w/Feet	M130 Ceramic SLi BriteSpot 39 Watt	1	44 Watts	.37 Amps @ 120V .22 Amps @ 208V .19 Amps @ 240V .16 Amps @ 277V	Q	II, IV
	MC39-1-J-UNNU	39 Watt Universal Mini Bottom Feed					R	

50 WATT BALLASTS

Mini - Universal Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
50	MC50-1-F-UNNU	50 Watt Universal Mini w/Feet	M110, M148 Ceramic	1	56 Watts	.41 Amps @ 120V .27 Amps @ 208V .24 Amps @ 240V .21 Amps @ 277V	Q	II, IV
	MC50-1-J-UNNU	50 Watt Universal Mini Bottom Feed					R	

70 WATT BALLASTS

Micro Slim - Universal Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
70	MC70-1-F-UNNS	70 Watt Universal Micro Slim w/Feet and Leads out Opposite sides	M/C85, M/C98, M/C39, M/C143 Ceramic	1	78 Watts	.65 Amps @ 120V .37 Amps @ 208V .32 Amps @ 240V .28 Amps @ 277V	H	III, IV
	MC70-1-T-UNNS	70 Watt Universal Micro Slim Track w/ Leads out Opposite Sides					I	
	MC70-1-F-UNNSL	70 Watt Universal Micro Slim w/Feet and Leads out One side					J	
	MC70-1-T-UNNSL	70 Watt Universal Micro Slim Track w/ Leads out One Side					K	

Standard - Universal Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
70	MC70-1-F-UNNU-HB	70 Watt Universal Standard w/Feet	M/C98, M/C139, M/C143 Ceramic	1	78 Watts	.67 Amps @ 120V .39 Amps @ 208V .33 Amps @ 240V .29 Amps @ 277V	U	II, IV
	MC70-1-J-UNNU-HB	70 Watt Universal Standard Bottom Feed					T	

Mini - Universal Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
70	MC70-1-F-UNNU	70 Watt Universal Mini w/Feet	M/C98, M/C139, M/C143 Ceramic	1	78 Watts	.65 Amps @ 120V .37 Amps @ 208V .32 Amps @ 240V .28 Amps @ 277V	Q	II, IV
	MC70-1-J-UNNU	70 Watt Universal Mini Bottom Feed					R	



General Specifications

Slim Universal Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
70	MC70-1-F-UNNSL-HB	70 Watt Universal Slim w/Feet and Leads out One Side	M/C90, M/C140 Ceramic	1	78 Watts	.94 Amps @ 120V .54 Amps @ 208V .47 Amps @ 240V .41 Amps @ 277V	L	II, IV
	MC70-1-F-UNNS-HB	70 Watt Universal Slim w/Feet and Leads out Opposite Sides					M	
	MC70-1-T-UNNSL-HB	70 Watt Universal Slim Track w/Leads out One Side					N	
	MC70-1-T-UNNS-HB	70 Watt Universal Slim Track w/Leads out Opposite Sides					O	
	MC70-1-J-UNNS-HB	70 Watt Universal Slim Bottom Feed					P	

100 WATT BALLASTS

Slim - Universal Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
100	MC100-1-F-UNNSL-HB	100 Watt Universal Slim w/Feet and Leads out One Side	M/C90, M/C140 Ceramic	1	110 Watts	.94 Amps @ 120V .54 Amps @ 208V .47 Amps @ 240V .41 Amps @ 277V	L	II, IV
	MC100-1-F-UNNS-HB	100 Watt Universal Slim w/Feet and Leads out Opposite Sides					M	
	MC100-1-T-UNNSL-HB	100 Watt Universal Slim Track w/Leads out One Side					N	
	MC100-1-T-UNNS-HB	100 Watt Universal Slim Track w/Leads out Opposite Sides					O	
	MC100-1-J-UNNS-HB	100 Watt Universal Slim Bottom Feed					P	

Standard - Universal Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
100	MC100-1-F-UNNU-HB	100 Watt Universal Standard w/Feet	M/C90, M/C140 Ceramic	1	110 Watts	.94 Amps @ 120V .54 Amps @ 208V .47 Amps @ 240V .41 Amps @ 277V	U	II, IV
	MC100-1-J-UNNU-HB	100 Watt Universal Standard Bottom Feed					T	

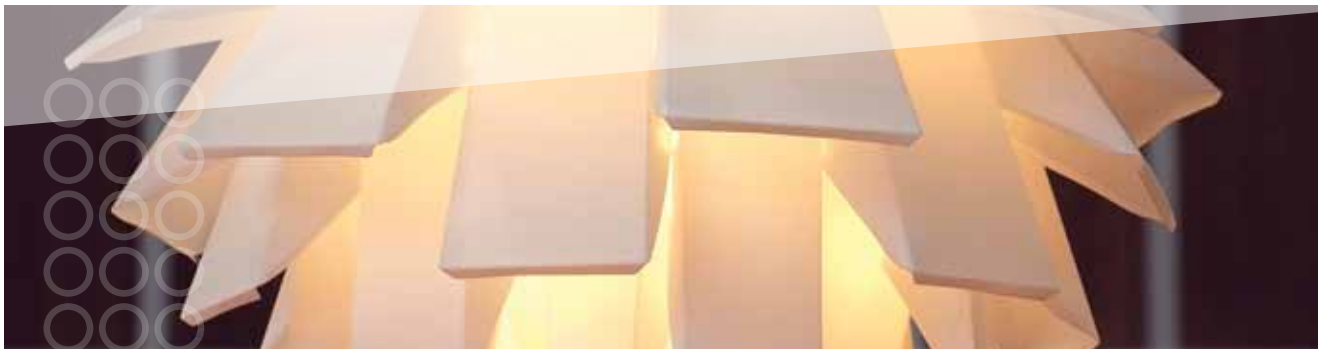
Standard - Dedicated Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
100	MC100-1-F-120U	100 Watt 120V Standard w/Feet	M/C90, M/C140 Ceramic	1	110 Watts	1.37 Amps @ 120V .79 Amps @ 208V .69 Amps @ 240V .60 Amps @ 277V	U	I, IV
	MC100-1-J-120U	100 Watt 120V Standard Bottom Feed					T	
	MC100-1-F-277U	100 Watt 277V Standard w/Feet					O	
	MC100-1-J-277U	100 Watt 277V Standard Bottom Feed					T	

150 WATT BALLASTS

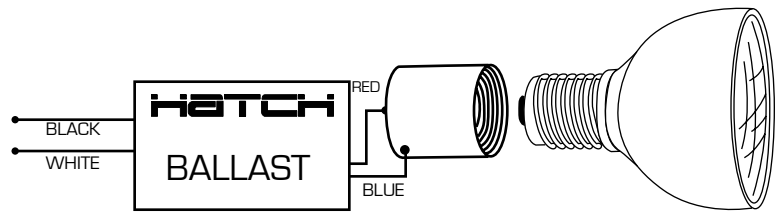
Standard - Dedicated Voltage

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	No. Lamps	Nominal Input Power	Input Current/ Input Voltage	Case Style	Wiring Diagram
150	MC150-1-F-120U	150 Watt 120V Standard w/Feet	M102, M142 Ceramic	1	164 Watts	1.37 Amps @ 120V .79 Amps @ 208V .69 Amps @ 240V .60 Amps @ 277V	W	II, IV
	MC150-1-J-120U	150 Watt 120V Standard Bottom Feed					T	
	MC150-1-F-277U	150 Watt 277V Standard w/Feet					W	
	MC150-1-J-277U	150 Watt 277V Standard Bottom Feed					T	
	MC150-1-F-120P	150 Watt 120V Standard w/Feet Potted					W	
	MC150-1-F-120T	150 Watt 120V Standard w/Feet w/ Tap					W	
	MC150-1-F-277P	150 Watt 120V Standard w/Feet Potted					W	
	MC150-1-F-277T	150 Watt 120V Standard w/Feet w/ Tap					W	

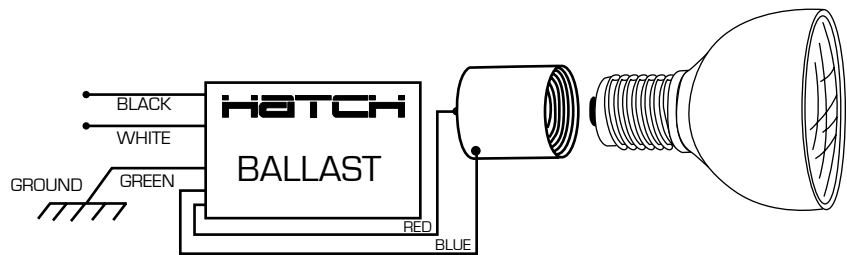


Wire Diagrams

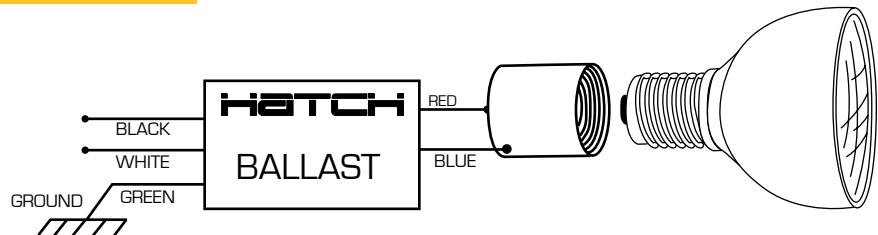
I. PAR Lamps



II. PAR Lamps



III. PAR Lamps



IV. Double Ended or Bi-Pin Lamps



V. Double Ended or Bi-Pin Lamps



VI. Double Ended or Bi-Pin Lamps



Remote Mounting and Installation Requirements for Electronic HID Ballasts

To achieve optimal performance with Hatch Transformers Electronic HID Ballasts, remote installation guidelines listed must be followed. Failure to follow the guidelines listed below can result in unacceptable lamp performance and loss of warranty coverage for remote installation.

Installation Guidelines:

- The main power supply to the ballast should be run separately from the lamp leads, and cables from other electrical systems should not run in the same conduit as, or in close proximity to, the lamp leads.
- Do not add additional lamp leads from other ballasts in the same conduit.
- Use metal conduit that is a minimum of ½ in or 20mm in diameter.
- Maximum recommended remote mounting distance is 25 feet from the ballast to the socket.
- The following wire types are approved for use as lead wire extensions:
 - UL 3321/AWM
 - UL3071/SEW-2 or SF-2

Use of any other mounting method or wire type could create safety hazards, cause erratic performance, and/or cause permanent damage to ballast components. This can lead to premature field failures and void the ballast warranty. Please contact Hatch for approval of other wire types and with any other question regarding the remote mounting of Hatch Electronic HID Ballasts.

Since 1985, Hatch has been the recognized market leader in the design and manufacture of premium power lighting products and solutions. Hatch offers a complete line of electronic and magnetic ballasts and transformers for virtually all lighting applications and is one of the largest independent, full-line power supply manufacturers in the world.

Current Hatch products include:

- Electronic LED Drivers
- Electronic HID Ballasts
- Linear Fluorescent Ballasts
- Compact Fluorescent Ballasts
- Electronic Low Voltage Transformers
- Remote Transformers
- Magnetic HID Ballasts
- Fluorescent Lamps
- Sign Ballasts



To view a complete Hatch Product Catalog, scan this barcode with your Smartphone.



Don't have a scanning App? Search the Apple App Store, Android Market or BlackBerry App World for a barcode scanning application

Electronic HID • Electronic Transformers • LED Drivers • Compact Fluorescents • Linear Fluorescents • Magnetic HID • Fluorescent Lamps



hatch

Hatch Transformers, Inc.
Global Headquarters
7821 Woodland Center Blvd.
Tampa, FL 33614

P: 813.288.8006
F: 813.288.8105

www.hatchlighting.com