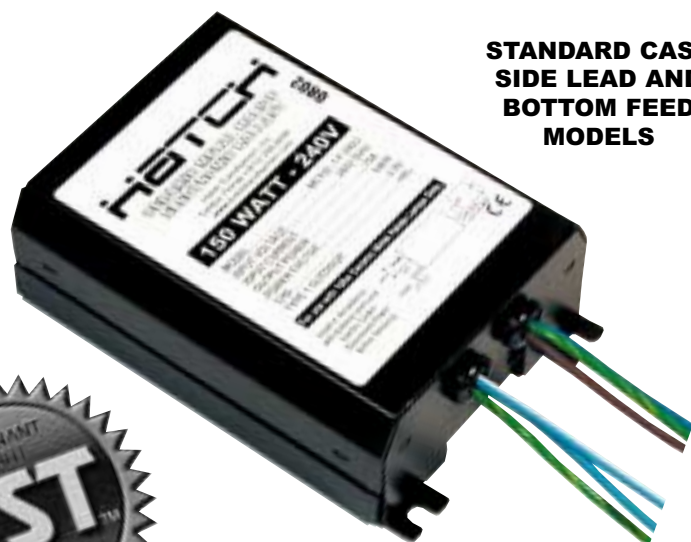


HATCH

100 & 150 WATT "MC" SERIES ELECTRONIC METAL HALIDE BALLASTS



**STANDARD CASE
SIDE LEAD AND
BOTTOM FEED
MODELS**

Metal Halide Ballast Features:

- Superior color uniformity
- True fault RST protection
- Open circuit voltage safety
- Extended photometric lamp life
- Low profile, lightweight, many case styles
- Constant lumen output over a wide input voltage range and lamp voltage variation
- Significant energy savings as compared to magnetic ballasts
- True remote mounting
- Thermal protection

Environmental Specifications

Minimum Starting Temperature	-30°C
Lamp Distance from Ballast	Standard 50 ft.Special Order 300 ft.
Maximum Case Temperature	80°C
Emi	FCC Part 18 Class A
Sound Rating	A
Warranty	Up to 5 Years
Safety Listing	Type 1 Outdoor

Electrical/Mechanical Specifications

INPUT

Frequency	45-65Hz/AC
Lamp Wattage	
Regulation vs Input	1%
Power Factor	> 0.99
Total Harmonic Distortion	< 5%

OUTPUT

Lamp Wattage Regulation	+/-1%
Lamp Voltage Range Frequency	150Hz
Lamp Current C.F.	<1.3
Open Circuit Voltage	0-Volts When Unit in Shutdown Mode
Weight	19 oz
Ignition Voltage/Frequency	2.5kV pk @23.7kHz FM
Short Circuit Protection	Yes
Thermal Protection	Yes
Open Circuit / No Lamp / Hot Lamp Shutdown, Retry and Ignition Failure Protection	Software controlled with retry at 1 min, 12 min and 23 min then shutdown. Power on reset

Customized End User Defined Software Available..... Yes

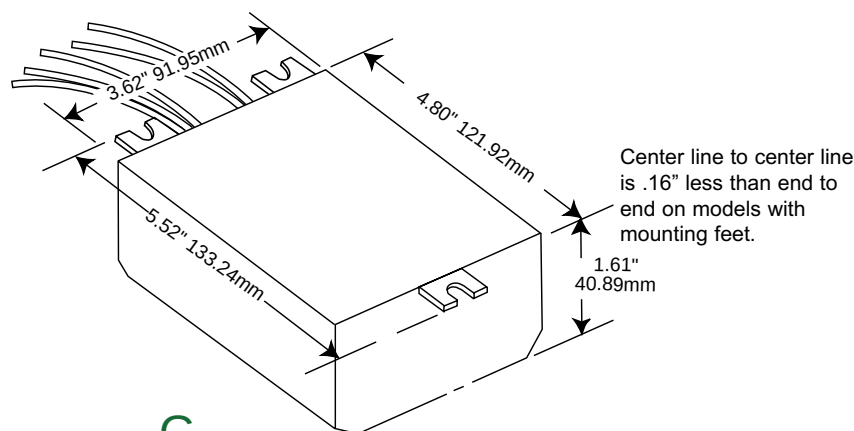
Lead lengths

Side Lead Models

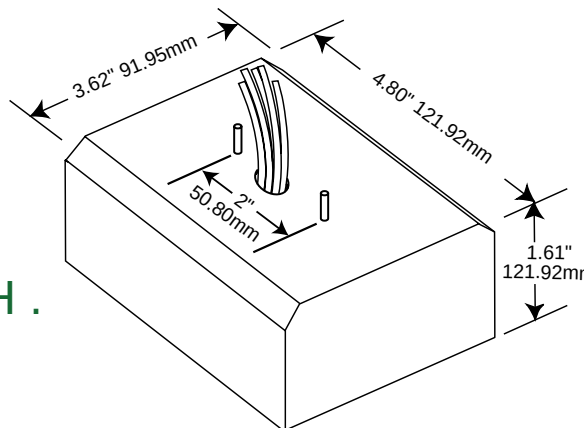
Input Leads	13"
Output Leads	8"

Bottom Feed Models.....8"

Safety Standard.....UL / C-UL Listed
CE-240V Models Only



G.



H.

Hatch Transformers, Inc.
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www.hatchtransformers.com

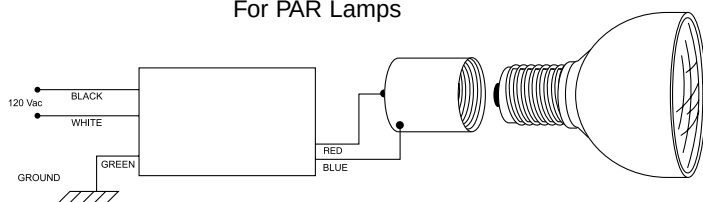


100 & 150 WATT “MC” SERIES ELECTRONIC METAL HALIDE BALLASTS

Watts	GE	OSRAM	PHILIPS	No. Lamps	Input Wattage	Input Volts	Input Amps	Case Dim.	Hatch Item Number
100	CMH100/C/U CMH100/U CMH100PAR38	MCP100/U MCP100/C/U MCP100PAR38	CDM100/PAR38 MHC100/C/U MHC100/U	1	110	120	0.92	G	MC100-1-F-120U
								H	MC100-1-J-120U
						240	0.46	G	MC100-1-F-240U
								H	MC100-1-J-240U
						277	0.40	G	MC100-1-F-277U
								H	MC100-1-J-277U
150	CMH150/T/U CMH150/TD	MC150T6	MHC150/U/M(P) MHC150C/U CDM150/T6 CDM150/TD	1	164	120	1.37	G	MC150-1-F-120U
								H	MC150-1-J-120U
						240	0.68	G	MC150-1-F-240U
								H	MC150-1-J-240U
						277	0.60	G	MC150-1-F-277U
								H	MC150-1-J-277U

WIRING DIAGRAMS

For PAR Lamps



For Double Ended or Bi-Pin Lamps

