

F-CAN BALLASTS METAL HALIDE

- 60 Hz
- Minimum Starting Temperature: -30° C
- CWA and High Power Factor Designs

MH
35-400
WATT

Input Volts	Catalog Number	Circuit Type	Input Watts	Max Input Current	Nom Open Circuit Voltage	Fuse Rating	Wir Dia	Dimensions			Total Weight	Max Dist To Lamp (ft)	Sound Rating	Certifications	
								Overall Length	Case Length	Mtg Dim				UL	CSA
(1) 35/39 WATT M130 METAL HALIDE (with built-in ignitor)															
120	1120-251A-TC	CWA	55	0.50	225	2	21	9.50	8.35	8.85	3.0	20	B	Yes	Yes
(1) 50 WATT M110 METAL HALIDE (with built-in ignitor)															
120 or 277	11210-236C-TC	HX-HPF	70	0.64 0.28	240	3 2	20	11.75	10.56	11.14	11.0	20	B	Yes	Yes
(1) 70 WATT M85 METAL HALIDE (with built-in ignitor)															
120 or 277	11210-277C-TC ⁷	HX-HPF	98	2.00 0.90	250	6 3	20	11.75	10.56	11.14	11.0	20	B	Yes	Yes
(1) 70 WATT M98 METAL HALIDE (with built-in ignitor)															
120 or 277	11210-506C-TC ²²	HX-HPF	90	2.00 0.90	250	6 3	20	11.75	10.56	11.14	11.0	20	B	Yes	Yes
120 or 347	11210-554C-TC	HX-HPF	90	2.00 0.80	250	6 3	20	11.75	10.56	11.14	11.0	20	B	No	Yes
(1) 100 WATT M90 METAL HALIDE (with built-in ignitor)															
120 or 277	11210-239C-TC	HX-HPF	125	2.20 1.00	250	8 4	20	11.75	10.56	11.14	11.0	20	B	Yes	Yes
120 or 347	11210-606C-TC	HX-HPF	125	2.20 0.70	250	8 2	20	11.75	10.56	11.14	11.0	20	B	No	Yes
(1) 150 WATT M81 METAL HALIDE (with built-in ignitor)															
120 or 277	11210-242C-TC	HX-HPF	185	3.70 1.60	260	10 5	20	14.31	13.19	13.75	14.0	20	B	Yes	Yes
(1) 150 WATT M102 METAL HALIDE (with built-in ignitor)															
120 or 277	11210-539C-TC	HX-HPF	185	3.70 1.60	260	10 4	20	14.31	13.19	13.75	14.0	20	B	Yes	Yes
(1) 175 WATT M57 METAL HALIDE LAMP															
120 or 277	1110-245SC-TC	CWA	202	2.00 0.85	300	5 3	20	14.32	13.19	13.75	14.0	*	B	Yes	Yes
120 or 347	1110-564C-TC	CWA	205	1.75 0.62	300	5 2	20	11.75	10.55	11.10	14.0	*	B	Yes	Yes
(1) 250 WATT M58 METAL HALIDE LAMP															
120 or 277	1110-246C-TC ⁸	CWA	295	2.50 1.10	280	8 4	20	16.75	15.57	16.13	18.0	*	C	Yes	Yes
120 or 277	1111-246C-TC ²³	CWA	300	2.50 1.10	300	8 4	22	11.75	10.55	11.10	11.0	*	B	Yes	Yes
120 or 347	1110-566C-TC	CWA	295	2.50 0.95	285	8 3	20	16.65	15.55	16.10	17.5	*	C	Yes	Yes
(1) 400 WATT M59 METAL HALIDE LAMP															
120 or 277	1110-247SC-TC	CWA	463	4.00 1.75	300	10 5	20	19.25	18.06	18.63	22.0	*	C	Yes	Yes
120 or 277	1111-247SC-TC ²³	CWA	460	4.00 1.75	300	10 5	22	14.31	13.19	13.75	14.0	*	B	Yes	Yes
120 or 347	1110-568C-TC	CWA	460	4.30 1.50	300	10 4	20	19.25	18.05	18.60	22.0	*	C	Yes	Yes

⁷ This ballast may also be used with (1) 70 watt S88 High Pressure Sodium lamp.

²² M98 Designates Venture Lighting catalog numbers MH70/4/MED, C/4/MED or MS70/C/84/MED/W

⁸ This ballast can be used with a MH200 ignitor to operate (1) 250 watt M103 lamp. Consult Universal for instructions.

²³ Two of these ballasts are required to operate the lamp. Electrical data is for two ballasts, except for "Sound Rating," which is for each ballast

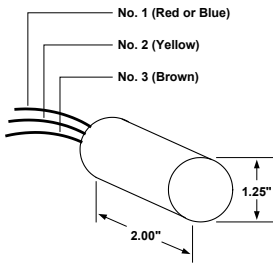
* Refer to Page 5-5.

See page 4-40 for Reference Drawings and Wiring Diagrams.

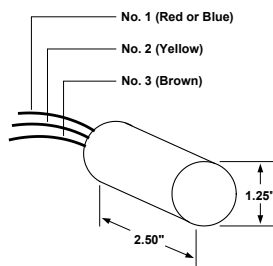
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CORE & COIL 50 HERTZ

REFERENCE DRAWINGS

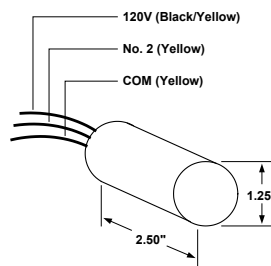
All dimensions in decimals.
All lead lengths: 13 inches ±1



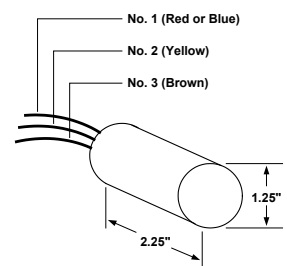
Ref. Drawing 24



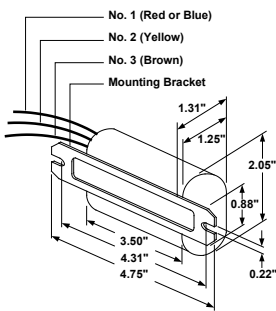
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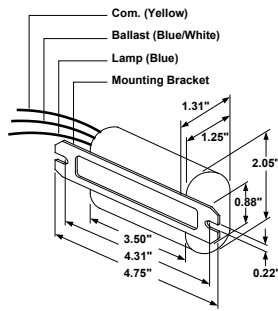
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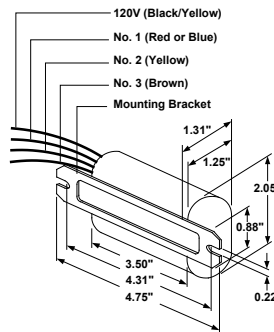
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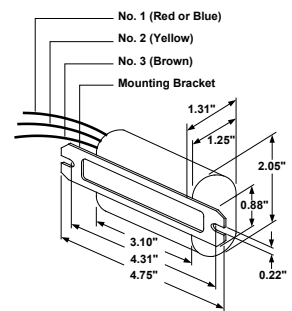
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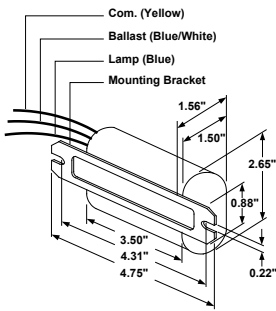
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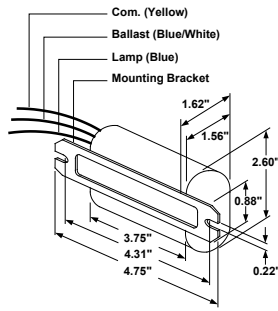
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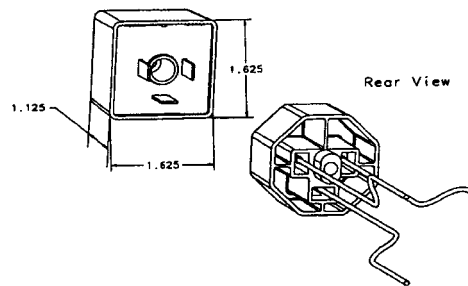
Ref. Drawing 29



Ref. Drawing 30



Ref. Drawing 31



Ref. Drawing 32

Note: Nominal dimensions provided above
Contact Universal for drawings and/or tolerances