

Dry Metalized Film Capacitor Reference

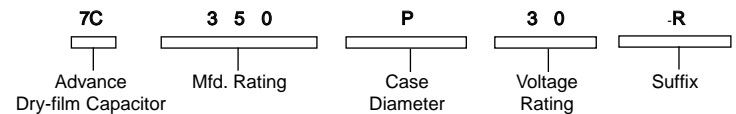
Mfd.	Voltage Rating	Catalog Number	Case Size	MERCURY			METAL HALIDE			HIGH PRESSURE SODIUM			LOW PRESSURE SODIUM		
				Lamp Watts	ANSI Code	Ballast Family	Lamp Watts	ANSI Code	Ballast Family	Lamp Watts	ANSI Code	Ballast Family	Lamp Watts	ANSI Code	Ballast Family
25.5	400	7C255P40R	P2	-	-	-	350W	M131	71A59N3	-	-	-	-	-	-
26.0	330	7C260P33-R	P1	-	-	-	400W	M135/M155	71A60x2 [†] 71A61E6	-	-	-	-	-	-
26.5	400	7C265P40-R	P2	-	-	-	450W	M144	71A63x3	-	-	-	-	-	-
28.0	120	7C280M12	M	-	-	-	35/39W 50W	M130 M110	71A5005 71A5105	50W 70W	S104 S62	71A7805 71A7907	-	-	-
28.0	300	7C280P30-R	P1	-	-	-	150W	M102/M142	71A54N2	70W 200W 250W 400W	S62 S66 S50 S51	71A79x8 71A89x0 71A82x6 71A84W2	-	-	-
28.0	400	7C280S40	S2	-	-	-	750W	M149	71A64x2,64x0	-	-	-	-	-	-
30.0	345	7C300S34	S2	-	-	-	450W	M135,M155	71A60N2	-	-	-	-	-	-
34.0	240	7C340P24	P1	-	-	-	-	-	-	100W	S54	71A80x8	-	-	-
35.0	240	7C350P24	P1	-	-	-	150W	M102/M142	71A54M2	100W 250W	S54 S50	71A80x6 71A82x1 [†]	-	-	-
35.0	300	7C350P30-R	P2	400W	H33	71A40x1	-	-	-	250/400W	S55/S51	71A8392	-	-	-
36.0	120	7C360M12	M1	-	-	-	70W 35/39W	M98 M130	71A5205 71A50Y5	100W	S54	71A8007	-	-	-
40.0	300	7C400P30-R	P2	1000W	H36	71A65E6*	1000W	M47	71A65Y6* 71A65E6*	250W	S50	71A82N1, 82V1,82W1	-	-	-
45.0	120	7C450P12	P1	-	-	-	-	-	-	100W	S105	71A8005	-	-	-
45.0	300	7C450P30-R	P2	-	-	-	-	-	-	310W	S67	71A83x1	-	-	-
48.0	300	7C480P30	P2	-	-	-	-	-	-	400W 430W	S51 S145	71A84x6 71A85x6	-	-	-
48.0	330	7C480S33R	S2	-	-	-	-	-	-	600W	S106	71A85x8	-	-	-
52.0	240	7C520P24	P2	-	-	-	-	-	-	150W	S55	71A8156,81E6	-	-	-
55.0	120	7C550P12	P1	-	-	-	-	-	-	150W	S55	71A8107	-	-	-
55.0	240	7C550P24	P2	-	-	-	-	-	-	150W 400W	S55 S51	71A81x8 71A84x3	-	-	-
64.0	280	7C640S28-R	S2	-	-	-	-	-	-	400W 600W	S51 S106	71A84N3, 84V3 71A85x5	-	-	-
75.0	280	7C750S28-R	S2	-	-	-	-	-	-	750W	S111	71A86E5,86F5	-	-	-

Footnotes:

† - 60hz ballasts only

* - Requires two capacitors of the same mfd rating

Capacitor Catalog Numbering System



KEY

350 = 35.0 mfd

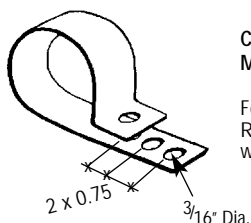
P = Case Diameter

30 = 300V

-R = Suffix indicates capacitor has internal bleed resistor

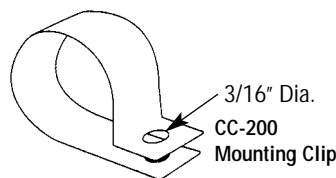
Case Dimensions (Inches)		
Case Size	Diameter	Height
L	1.25	2.90
M	1.50	2.90
M1	1.50	3.75
P1	1.75	3.75
P2	1.75	5.15
S2	2.00	5.15

All capacitors furnished with 8" leads.



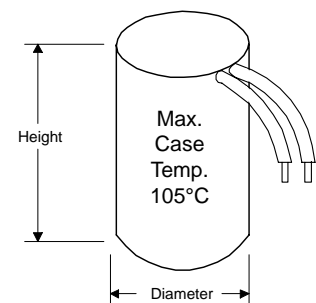
CC-175 Mounting Clip

For 1.25, 1.50, and 1.75 in. diameter Round Case (Furnished as standard with -001 and -001 D suffix ballasts).



CC-200 Mounting Clip

For 2.00 in. diameter Round Case



Dry-Film Capacitors Thermal Plastic Case
Dry-film capacitors contain no oil; are furnished with 8" leads and include integral resistor where required.

Dry Metalized Film Capacitors

for Mercury, Metal Halide, and High and Low Pressure Sodium Lamp Ballasts



Advance Dry Capacitors now rated at 105°C!



Product Overview

Advance Dry Metalized Film Capacitors provide superior versatility and performance over oil-filled equivalents. Pioneered in HID lighting by Advance, this technology has now been advanced to include 105°C rating - an innovative breakthrough!

Availability/Ordering

- Advance Dry Metalized Capacitors are standard with all HID ballasts requiring capacitors rated 400 volts or less.
- To order, add one of the following suffixes to the appropriate ballast model number.
 - 001D denotes ballast retrofit/replacement kit including dry film-capacitor
 - 500D includes core & coil with dry-film capacitor
 - 510D includes core & coil with welded bracket and dry-film capacitor

Features / Benefits

- 105°C case temperature
 - Longer life at given ambient temperature than 90°C rated oil filled equivalents
 - Higher ambient fixture ratings possible; location relative to heat source not as critical
- No exposed live parts
 - Exempt from UL and CSA clearance requirements, which allows more flexibility in new fixture design
 - Mounts with inexpensive clips
- Compact size
 - Easier to fit into existing fixtures
 - Facilitates new fixture design possibilities
- Thermoplastic housing
 - Electrically safe, requires no grounding
 - Non-corrosive, less susceptible to damage
- UL/CSA approved
 - Eliminates need to resubmit fixtures
 - Internal bleed resistor included where required
- Metalized film technology
 - Inherent "self-clearing" characteristic prevents failing in a "shorted" mode
 - Environmentally safe - no oil, no PCB's, no DEHP
- 100% encapsulated
 - Preludes moisture
 - Enhances reliability