

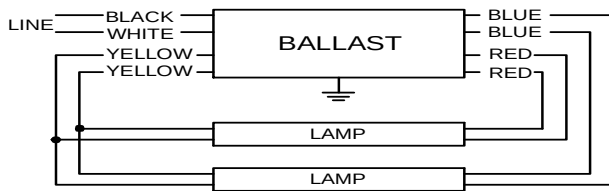
PHILIPS ADVANCE

Electrical Specifications

VC-2S102-TP	
Brand Name	MAGNETIC STD
Ballast Type	Magnetic
Starting Method	Rapid Start
Lamp Connection	Series
Input Voltage	277
Input Frequency	60 HZ
Status	Active

Lamp Type	Num. of Lamps	Rated Lamp Watts	Min. Start Temp (°F/°C)	Input Current (Amps)	Input Power (Watts)	Ballast Factor	MAX THD %	Power Factor	Lamp Current Crest Factor	B.E.F.
F48PG17/VHO	1	116	-20/-29	0.57	132	0.86	35	0.84	1.8	0.65
F48PG17/VHO	2	116	-20/-29	0.89	227	0.85	35	0.93	1.7	0.37
F48T12/VHO	1	116	-20/-29	0.59	137	0.85	35	0.81	1.8	0.62
* F48T12/VHO	2	116	-20/-29	0.94	241	0.87	35	0.93	1.7	0.36
F60T12/VHO	1	138	-20/-29	0.65	157	0.86	35	0.87	1.7	0.54
F72PG17/VHO	1	168	-20/-29	0.71	173	0.85	35	0.88	1.8	0.49
F72T12/VHO	1	168	-20/-29	0.69	168	0.87	35	0.88	1.7	0.52
F96PG17/VHO	1	215	50/10	0.81	191	0.84	40	0.85	1.8	0.44
F96T12/VHO	1	215	50/10	0.89	216	0.88	40	0.88	1.7	0.41
F96T12/VHO/ES	1	185	60/16	0.73	184	0.83	40	0.92	1.7	0.45

Wiring Diagram



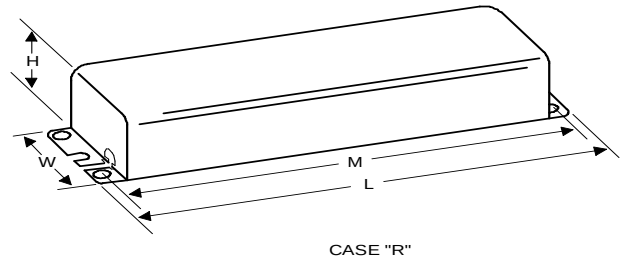
Diag. 21

The wiring diagram that appears above is for the lamp type denoted by the asterisk (*)

Standard Lead Length (inches)

	in.	cm.		in.	cm.
Black	18	45.7	Yellow/Blue		0
White	18	45.7	Blue/White		0
Blue	43	109.2	Brown		0
Red	43	109.2	Orange		0
Yellow	19	48.3	Orange/Black		0
Gray		0	Black/White		0
Violet		0	Red/White		0

Enclosure



Enclosure Dimensions

OverAll (L)	Width (W)	Height (H)	Mounting (M)
14.3125 "	3.1875 "	2.625 "	13.75 "
14 5/16	3 3/16	2 5/8	13 3/4
36.4 cm	8.1 cm	6.7 cm	34.9 cm



Revised 02/11/00

Data is based upon tests performed by Philips Lighting N.A in a controlled environment and representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.

Philips Lighting Electronic N.A

10275 West Higgins Road Rosemont, IL 60018 Tel.: 800-322-2086 Fax: 888-432-1882
Customer Support/Technical Service: 800-372-3331 · OEM Support: 866-915-5886

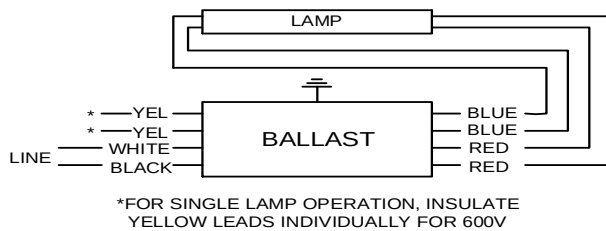
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Wiring Diagram



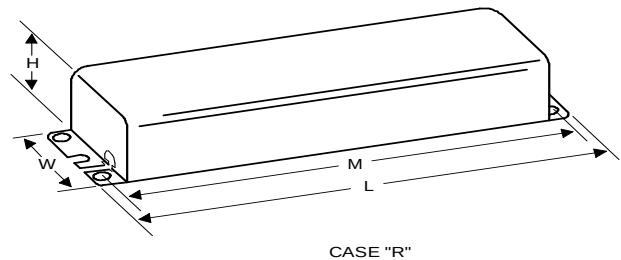
Diag. 39

The wiring diagram that appears above is for the lamp type denoted by the asterisk (*)

Standard Lead Length (inches)

	in.	cm.		in.	cm.
Black	18	45.7	Yellow/Blue		0
White	18	45.7	Blue/White		0
Blue	43	109.2	Brown		0
Red	43	109.2	Orange		0
Yellow	19	48.3	Orange/Black		0
Gray		0	Black/White		0
Violet		0	Red/White		0

Enclosure



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OverAll (L)	Width (W)	Height (H)	Mounting (M)
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