

ELECTROMAGNETIC BALLASTS

T5 and T8

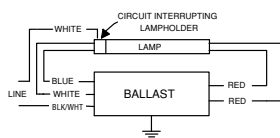


Preheat Lamps Trigger Start Ballasts

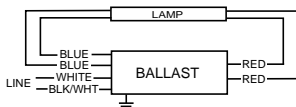
NORMAL POWER FACTOR SOUND RATED A

Lamp Data		Min. Starting Temp. (F)	Input Volts	Catalog Number	Certifications				Line Current (Amps)	Input Power ANSI (Watts)	Ballast Factor	THD %	Power Factor	Dim.	Wiring Dia.
Number	Watts				UL	CSA	E	ETL							
F4T5 4W															
F6T5 6W															
F8T5 8W															
1	8	50	120	LQ-106F-TP	✓			0.34	14	0.86	<25	0.34	R-4	20	
			277	VLQ-106F-TP	✓			0.16	14	0.96	<30	0.36			
2	8	50	120	LQ-206F-TP	✓			0.47	21	0.74	<30	0.37	R-4	21	
F13T8															
1	13	20	120	RLQ-120-TP ❖	✓	✓		0.54	23	1.00	<10	0.35	R-4	16	
2	13	30	120	RL-2SP20-TP	✓	✓		0.58	36	1.00	<10	0.52	T-1	21	
F15T8															
1	15	50	120	RLQ-120-TP ❖	✓	✓		0.56	28	1.01	<10	0.42	R-4	16	
				HM-1P20-TP ▲	✓	✓		0.24	27	0.90	<15	0.94			
		0	277	VHM-1P20-TP ▲	✓	✓		0.10	27	0.99	<15	0.97			
2	15	50	120	RL-2SP20-TP	✓	✓		0.51	36	0.78	<15	0.59	T-1	21	
				HM-2SP20-TP ▲	✓	✓		0.47	51	0.99	<20	0.90			
		20	277	VM-2SP20-TP ▲	✓			0.21	55	0.94	<20	0.95			
3	15	50	120	RL-3SP20-TP				0.80	64	0.72	<30	0.67	R-5	29	
F30T8															
2	30	0	120	RC-2SP830-TP ▲●	✓	✓		0.70	82	0.91	<25	0.98	R-5	21	

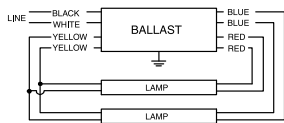
- ❖ Requires Circuit-Interrupting Lamp Holders
- ▲ High Power Factor
- Sound Rated B



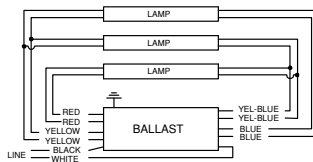
Diag. 16



Diag. 20



Diag. 21

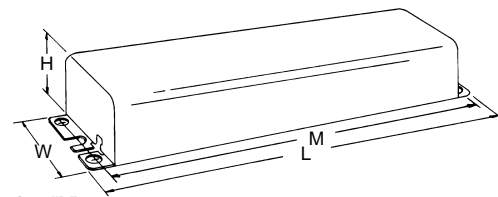


Diag. 29

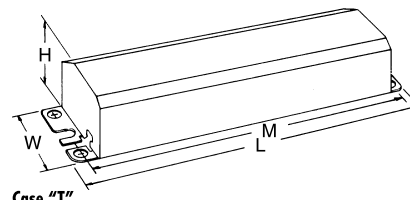
DIMENSIONS

Designation	Length (L) (inches)	Width (W) (inches)	Height (H) (inches)	Mounting (M) (inches)
R-4	6½	1 ¹⁵ / ₁₆	1 ³ / ₈	6 ⁺
R-5	9½	2 ³ / ₈	1 ¹¹ / ₁₆	8 ²⁹ / ₃₂
T-1	6½	2 ³ / ₈	1½	6 ⁺
T-2	9½	2 ³ / ₈	1½	8 ²⁹ / ₃₂

+ Mounting dimensions refer to slots only



Case "R"



Case "T"

Refer to pages 8-32 to 8-41 for lead lengths and shipping data



ELECTROMAGNETIC
PREHEAT

T12



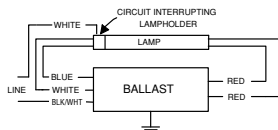
ELECTROMAGNETIC BALLASTS

Preheat Lamps Trigger Start Ballasts

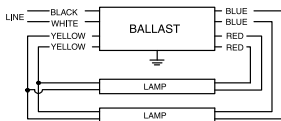
HIGH POWER FACTOR SOUND RATED A

Lamp Data		Min. Starting Temp. (F)	Input Volts	Catalog Number	Certifications				Line Current (Amps)	Input Power ANSI (Watts)	Ballast Factor	THD %	Power Factor	Dim.	Wiring Dia.
Number	Watts				UL	SR	E	CSA E							
F14T12															
1	14	50	120	RLQ-120-TP ❖❖	✓	✓		0.58	28	0.92	<10	0.40	R-4	16	
		0		HM-1P20-TP	✓	✓		0.21	24	0.82	<10	0.95	T-2	20	
			277	VHM-1P20-TP	✓	✓		0.09	25	0.84	<10	0.99			
2	14	0	120	HM-2SP20-TP	✓	✓		0.43	46	0.85	<10	0.90	T-2	21	
			277	VM-2SP20-TP	✓			0.19	47	0.88	<15	0.90			
F15T12															
1	15	50	120	RLQ-120-TP ❖❖	✓	✓		0.58	29	0.99	<10	0.42	R-4	16	
		0		HM-1P20-TP	✓	✓		0.23	27	0.89	<15	0.98	T-2	20	
			277	VHM-1P20-TP	✓	✓		0.10	27	0.94	<10	0.97			
2	15	50	120	RL-2SP20-TP *	✓	✓		0.57	41	0.83	<10	0.60	T-1	21	
		10		HM-2SP20-TP	✓	✓		0.44	47	0.92	<15	0.90	T-2	21	
		0	277	VM-2SP20-TP	✓			0.18	46	0.98	<15	0.92			
3	15	50	120	RL-3SP20-TP *	✓	✓		0.89	63	0.94	<10	0.59	R-5	29	
F20T12															
1	20	50	120	RLQ-120-TP ❖❖	✓	✓		0.55	28	0.83	<10	0.42	R-4	16	
		0		HM-1P20-TP	✓	✓		0.24	29	0.83	<20	0.99	T-2	20	
			277	VHM-1P20-TP	✓	✓		0.11	30	0.81	<15	0.98			
2	20	50	120	RL-2SP20-TP *	✓	✓		0.49	36	0.61	<15	0.61	T-1	21	
		10		HM-2SP20-TP	✓	✓		0.48	53	0.90	<20	0.92	T-2	21	
		0	277	VM-2SP20-TP	✓			0.21	54	0.86	<20	0.93			
3	20	50	120	RL-3SP20-TP *	✓	✓		0.80	64	0.71	<15	0.67	R-5	29	

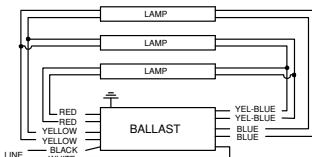
- ❖ Requires Circuit-Interrupting Lamp Holders
- * Normal Power Factor



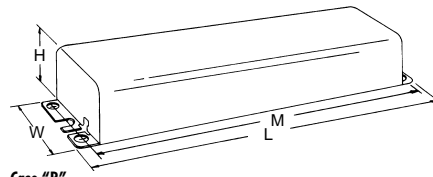
Diag. 16



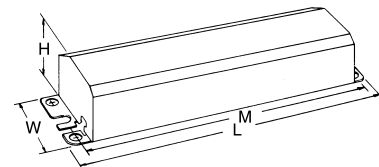
Diag. 21



Diag. 29



Case "R"

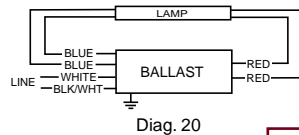


Case "T"

DIMENSIONS

Designation	Length (L) (inches)	Width (W) (inches)	Height (H) (inches)	Mounting (M) (inches)
R-4	6½	1 ¹⁵ / ₁₆	1 ³ / ₈	6 ⁺
R-5	9½	2 ³ / ₈	1 ¹¹ / ₁₆	8 ²⁹ / ₃₂
T-1	6½	2 ³ / ₈	1½	6 ⁺
T-2	9½	2 ³ / ₈	1½	8 ²⁹ / ₃₂

+ Mounting dimensions refer to slots only



Diag. 20

Refer to pages 8-32 to 8-41 for lead lengths and shipping data

