



PREMIUM QUALITY LIGHTING

70220

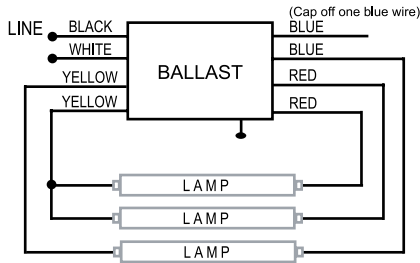
BALLAST FOR 3 OR 4 F17 F25 F32/HO 120-277V

TECHNICAL DATA SHEET

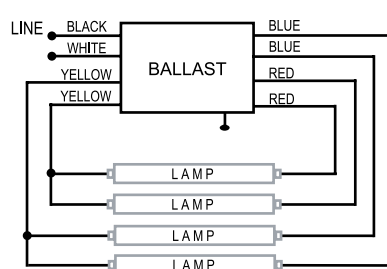


WIRING DIAGRAM AND DIMENSIONS

• VIEW SELL SHEET



THREE LAMP

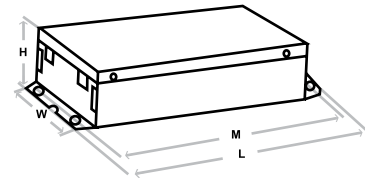


FOUR LAMP

DESCRIPTION

| | |
|-----------------|----------------------|
| BALLAST TYPE | Electronic |
| STARTING METHOD | Active Instant Start |
| LAMP CONNECTION | Parallel |
| INPUT VOLTAGE | 120V-277V |
| INPUT FREQUENCY | 50/60Hz |

| | | | |
|--------------|-----------|------------|--------------|
| Over All (L) | Width (W) | Height (H) | Mounting (M) |
| 9.5" | 1.7" | 1.14" | 8.9" |



ELECTRICAL SPECIFICATIONS AT 120V

| LAMP TYPE | NO. of LAMPS | RATED LAMP WATTS | MIN. START TEMP (°F/C) | INPUT CURRENT (Amps) | INPUT POWER (ANSI Watts) | BALLAST FACTOR | MAX THD % | POWER FACTOR | MAX LAMP CURRENT CREST FACTOR | BEF |
|----------------|--------------|------------------|------------------------|----------------------|--------------------------|----------------|-----------|--------------|-------------------------------|------|
| F32T8 | 4 | 32 | 0/-18 | 0.79 | 95 | 0.78 | 10 | 0.99 | 1.7 | 0.82 |
| F32T8 | 3 | 32 | 0/-18 | 0.64 | 79 | 0.85 | 10 | 0.99 | 1.7 | 1.08 |
| F25T8 | 4 | 25 | 0/-18 | 0.60 | 72 | 0.76 | 10 | 0.98 | 1.7 | 1.06 |
| F25T8 | 3 | 25 | 0/-18 | 0.49 | 59 | 0.79 | 15 | 0.98 | 1.7 | 1.34 |
| F17T8 | 4 | 17 | 0/-18 | 0.43 | 52 | 0.77 | 15 | 0.98 | 1.7 | 1.48 |
| F17T8 | 3 | 17 | 0/-18 | 0.36 | 43 | 0.81 | 15 | 0.99 | 1.7 | 1.88 |
| F40T8 | 3 | 40 | 32/0 | 0.77 | 92 | 0.72 | 10 | 0.99 | 1.7 | 0.78 |
| F32T8 ES (30W) | 4 | 30 | 32/0 | 0.78 | 94 | 0.78 | 10 | 0.99 | 1.7 | 0.83 |
| F32T8 ES (30W) | 3 | 30 | 32/0 | 0.64 | 77 | 0.85 | 10 | 0.98 | 1.7 | 1.10 |
| F32T8 ES (28W) | 4 | 28 | 32/0 | 0.68 | 82 | 0.78 | 10 | 0.99 | 1.7 | 0.95 |
| F32T8 ES (28W) | 3 | 28 | 32/0 | 0.50 | 60 | 0.85 | 15 | 0.98 | 1.7 | 1.42 |
| F32T8 ES (25W) | 4 | 25 | 32/0 | 0.61 | 73 | 0.78 | 10 | 0.98 | 1.7 | 1.07 |
| F32T8 ES (25W) | 3 | 25 | 32/0 | 0.49 | 59 | 0.85 | 15 | 0.99 | 1.7 | 1.44 |



PREMIUM QUALITY LIGHTING

70220

BALLAST FOR 3 OR 4 F17 F25 F32/HO 120-277V

TECHNICAL DATA SHEET



ELECTRICAL SPECIFICATIONS AT 230V

• VIEW SELL SHEET

| LAMP TYPE | NO. of LAMPS | RATED LAMP WATTS | MIN. START TEMP (°F/C) | INPUT CURRENT (Amps) | INPUT POWER (ANSI Watts) | BALLAST FACTOR | MAX THD % | POWER FACTOR | MAX LAMP CURRENT CREST FACTOR | BEF |
|----------------|--------------|------------------|------------------------|----------------------|--------------------------|----------------|-----------|--------------|-------------------------------|------|
| F32T8 | 4 | 32 | 0/-18 | 0.41 | 96 | 0.78 | 10 | 0.99 | 1.7 | 0.81 |
| F32T8 | 3 | 32 | 0/-18 | 0.34 | 77 | 0.85 | 10 | 0.98 | 1.7 | 1.10 |
| F25T8 | 4 | 25 | 0/-18 | 0.33 | 75 | 0.79 | 10 | 0.98 | 1.7 | 1.05 |
| F25T8 | 3 | 25 | 0/-18 | 0.26 | 59 | 0.80 | 15 | 0.98 | 1.7 | 1.36 |
| F17T8 | 4 | 17 | 0/-18 | 0.23 | 53 | 0.77 | 15 | 0.98 | 1.7 | 1.45 |
| F17T8 | 3 | 17 | 0/-18 | 0.19 | 44 | 0.83 | 15 | 0.98 | 1.7 | 1.89 |
| F40T8 | 3 | 40 | 32/0 | 0.40 | 92 | 0.73 | 10 | 0.99 | 1.7 | 0.79 |
| F32T8 ES (30W) | 4 | 30 | 32/0 | 0.41 | 94 | 0.78 | 10 | 0.99 | 1.7 | 0.83 |
| F32T8 ES (30W) | 3 | 30 | 32/0 | 0.33 | 77 | 0.85 | 10 | 0.98 | 1.7 | 1.10 |
| F32T8 ES (28W) | 4 | 28 | 32/0 | 0.36 | 82 | 0.78 | 10 | 0.98 | 1.7 | 0.95 |
| F32T8 ES (28W) | 3 | 28 | 32/0 | 0.26 | 60 | 0.85 | 15 | 0.98 | 1.7 | 1.42 |
| F32T8 ES (25W) | 4 | 25 | 32/0 | 0.32 | 73 | 0.78 | 15 | 0.99 | 1.7 | 1.07 |
| F32T8 ES (25W) | 3 | 25 | 32/0 | 0.26 | 59 | 0.85 | 15 | 0.98 | 1.7 | 1.44 |

ELECTRICAL SPECIFICATIONS AT 277V

| LAMP TYPE | NO. of LAMPS | RATED LAMP WATTS | MIN. START TEMP (°F/C) | INPUT CURRENT (Amps) | INPUT POWER (ANSI Watts) | BALLAST FACTOR | MAX THD % | POWER FACTOR | MAX LAMP CURRENT CREST FACTOR | BEF |
|----------------|--------------|------------------|------------------------|----------------------|--------------------------|----------------|-----------|--------------|-------------------------------|------|
| F32T8 | 4 | 32 | 0/-18 | 0.34 | 96 | 0.78 | 10 | 0.98 | 1.7 | 0.81 |
| F32T8 | 3 | 32 | 0/-18 | 0.28 | 77 | 0.85 | 15 | 0.98 | 1.7 | 1.10 |
| F25T8 | 4 | 25 | 0/-18 | 0.27 | 75 | 0.79 | 15 | 0.98 | 1.7 | 1.05 |
| F25T8 | 3 | 25 | 0/-18 | 0.22 | 59 | 0.80 | 20 | 0.97 | 1.7 | 1.36 |
| F17T8 | 4 | 17 | 0/-18 | 0.19 | 53 | 0.77 | 20 | 0.97 | 1.7 | 1.45 |
| F17T8 | 3 | 17 | 0/-18 | 0.16 | 44 | 0.83 | 25 | 0.95 | 1.7 | 1.89 |
| F40T8 | 3 | 40 | 32/0 | 0.33 | 92 | 0.73 | 15 | 0.98 | 1.7 | 0.79 |
| F32T8 ES (30W) | 4 | 30 | 32/0 | 0.34 | 94 | 0.78 | 10 | 0.98 | 1.7 | 0.83 |
| F32T8 ES (30W) | 3 | 30 | 32/0 | 0.28 | 77 | 0.85 | 15 | 0.98 | 1.7 | 1.10 |
| F32T8 ES (28W) | 4 | 28 | 32/0 | 0.30 | 82 | 0.78 | 10 | 0.98 | 1.7 | 0.95 |
| F32T8 ES (28W) | 3 | 28 | 32/0 | 0.22 | 60 | 0.85 | 20 | 0.97 | 1.7 | 1.42 |
| F32T8 ES (25W) | 4 | 25 | 32/0 | 0.26 | 73 | 0.78 | 15 | 0.98 | 1.7 | 1.07 |
| F32T8 ES (25W) | 3 | 25 | 32/0 | 0.21 | 59 | 0.85 | 20 | 0.97 | 1.7 | 1.44 |