

| Bulb Shape | Base | Watts | Nominal Length (in) | Order Code | Description | Case Qty | Rated Life (3hr/Start) | Rated Life (12hr/Start) | Initial Lumens | Mean Lumens | Color Temp K | CRI | High Color Rendering | Energy Savings | Reduced Wattage | Meets Federal Minimum Efficiency Standards | Footnotes | Warning and Caution Notices | Additional Information |
|------------|------|-------|---------------------|------------|-------------|----------|------------------------|-------------------------|----------------|-------------|--------------|-----|----------------------|----------------|-----------------|--|-----------|-----------------------------|------------------------|
|------------|------|-------|---------------------|------------|-------------|----------|------------------------|-------------------------|----------------|-------------|--------------|-----|----------------------|----------------|-----------------|--|-----------|-----------------------------|------------------------|

8' T8 Lamps (continued)

8' T8 XL Extra-Life Watt-Miser® Energy Saving Lamps

| | | | | | | | | | | | | | | | | | | | |
|----|------------------|----|------|-------|------------------|----|-------|-------|------|------|------|----|---|----|---|---|---|-----|--|
| T8 | Single Pin (Fa8) | 57 | 96.0 | 48524 | F96T8/XL/SP30/WM | 24 | 24000 | 30000 | 5800 | 5450 | 3000 | 84 | ☺ | \$ | ↔ | ☹ | 1 | 101 | |
| | | 57 | 96.0 | 48525 | F96T8/XL/SP35/WM | 24 | 24000 | 30000 | 5800 | 5450 | 3500 | 83 | ☺ | \$ | ↔ | ☹ | 1 | 101 | |
| | | 57 | 96.0 | 48526 | F96T8/XL/SP41/WM | 24 | 24000 | 30000 | 5800 | 5450 | 4100 | 81 | ☺ | \$ | ↔ | ☹ | 1 | 101 | |

8' T8 XL Extra-Life Watt-Miser® Plus Energy Saving Lamps

| | | | | | | | | | | | | | | | | | | | |
|----|------------------|----|------|-------|------------------|----|-------|-------|------|------|------|----|---|----|---|---|---|-----|--|
| T8 | Single Pin (Fa8) | 54 | 96.0 | 47072 | F96T8/XL/SP30WMP | 24 | 24000 | 30000 | 5800 | 5450 | 3000 | 84 | ☺ | \$ | ↔ | ☹ | 1 | 101 | |
| | | 54 | 96.0 | 47076 | F96T8/XL/SP35WMP | 24 | 24000 | 30000 | 5800 | 5450 | 3500 | 83 | ☺ | \$ | ↔ | ☹ | 1 | 101 | |
| | | 54 | 96.0 | 47103 | F96T8/XL/SP41WMP | 24 | 24000 | 30000 | 5800 | 5450 | 4100 | 81 | ☺ | \$ | ↔ | ☹ | 1 | 101 | |

8' T8 Instant Start

| | | | | | | | | | | | | | | | | | | | |
|----|------------------|----|------|-------|----------|----|------|--|------|------|------|----|--|--|--|--|--|-----|--|
| T8 | Single Pin (Fa8) | 50 | 96.0 | 10912 | F96T8/CW | 24 | 7500 | | 4050 | 3730 | 4100 | 60 | | | | | | 101 | |
|----|------------------|----|------|-------|----------|----|------|--|------|------|------|----|--|--|--|--|--|-----|--|

| Bulb Shape | Base | Watts | Nominal Length (in) | Order Code | Description | Case Qty | Rated Life (hrs) | Initial Lumens | Mean Lumens | Color Temp K | CRI | High Color Rendering | Energy Savings | Reduced Wattage | Meets Federal Minimum Efficiency Standards | Footnotes | Warning and Caution Notices | Additional Information |
|------------|------|-------|---------------------|------------|-------------|----------|------------------|----------------|-------------|--------------|-----|----------------------|----------------|-----------------|--|-----------|-----------------------------|------------------------|
|------------|------|-------|---------------------|------------|-------------|----------|------------------|----------------|-------------|--------------|-----|----------------------|----------------|-----------------|--|-----------|-----------------------------|------------------------|

8' T8 High Output

8' T8 High Output – Recessed Double Contact

| | | | | | | | | | | | | | | | | | | | |
|----|--------------------------------|----|------|-------|----------------|----|-------|------|------|------|----|---|--|--|--|--|--|-----|--|
| T8 | Recessed Double Contact (R17d) | 86 | 96.0 | 12536 | F96T8/SP30/HO | 24 | 18000 | 8000 | 7600 | 3000 | 78 | ☺ | | | | | | 101 | |
| | | 86 | 96.0 | 12537 | F96T8/SP35/HO | 24 | 18000 | 8000 | 7600 | 3500 | 78 | ☺ | | | | | | 101 | |
| | | 86 | 96.0 | 12538 | F96T8/SP41/HO | 24 | 18000 | 8000 | 7600 | 4100 | 78 | ☺ | | | | | | 101 | |
| | | 86 | 96.0 | 12533 | F96T8/SPX35/HO | 24 | 18000 | 8200 | 7800 | 3500 | 86 | ☺ | | | | | | 101 | |
| | | 86 | 96.0 | 12534 | F96T8/SPX41/HO | 24 | 18000 | 8200 | 7800 | 4100 | 86 | ☺ | | | | | | 101 | |
| | | 86 | 96.0 | 12535 | F96T8/SPX50/HO | 24 | 18000 | 8200 | 7800 | 5000 | 86 | ☺ | | | | | | 101 | |

T8 Mod-U-Line®

T8 1-5/8" Spacing

| | | | | | | | | | | | | | | | | | | | |
|----|---------------------|----|------|-------|---------------|----|-------|------|------|------|----|---|--|--|--|--|--|-----|--|
| T8 | Medium Bi-Pin (G13) | 31 | 22.5 | 41776 | F31T8/SPX30/U | 15 | 20000 | 2725 | 2500 | 3000 | 82 | ☺ | | | | | | 102 | |
| | | 31 | 22.5 | 41777 | F31T8/SPX35/U | 15 | 20000 | 2725 | 2500 | 3500 | 82 | ☺ | | | | | | 102 | |
| | | 31 | 22.5 | 41778 | F31T8/SPX41/U | 15 | 20000 | 2725 | 2500 | 4100 | 82 | ☺ | | | | | | 102 | |

T8 1-5/8" Spacing Ecolux®

| | | | | | | | | | | | | | | | | | | | |
|----|---------------------|----|------|-------|------------------|----|-------|------|------|------|----|---|--|--|--|--|--|-----|--|
| T8 | Medium Bi-Pin (G13) | 31 | 22.5 | 72117 | F31T8SPX30/U/ECO | 15 | 24000 | 2775 | 2636 | 3000 | 85 | ☺ | | | | | | 102 | |
| | | 31 | 22.5 | 72118 | F31T8SPX35/U/ECO | 15 | 24000 | 2775 | 2636 | 3500 | 85 | ☺ | | | | | | 102 | |
| | | 31 | 22.5 | 72119 | F31T8SPX41/U/ECO | 15 | 24000 | 2775 | 2636 | 4100 | 85 | ☺ | | | | | | 102 | |

T8 6" Spacing

| | | | | | | | | | | | | | | | | | | | |
|----|---------------------|----|------|-------|-----------------|----|-------|------|------|------|----|---|--|--|--|---|--|-----|--|
| T8 | Medium Bi-Pin (G13) | 32 | 22.5 | 10479 | F32T8/SP30/U/6 | 12 | 20000 | 2700 | 2565 | 3000 | 78 | ☺ | | | | ☹ | | 102 | |
| | | 32 | 22.5 | 23585 | F32T8/SP35/U/6 | 12 | 20000 | 2700 | 2565 | 3500 | 78 | ☺ | | | | ☹ | | 102 | |
| | | 32 | 22.5 | 10480 | F32T8/SP41/U/6 | 12 | 20000 | 2700 | 2565 | 4100 | 78 | ☺ | | | | ☹ | | 102 | |
| | | 32 | 22.5 | 10483 | F32T8/SPX30/U/6 | 12 | 20000 | 2800 | 2630 | 3000 | 86 | ☺ | | | | ☹ | | 102 | |
| | | 32 | 22.5 | 10485 | F32T8/SPX35/U/6 | 12 | 20000 | 2800 | 2630 | 3500 | 86 | ☺ | | | | ☹ | | 102 | |
| | | 32 | 22.5 | 10488 | F32T8/SPX41/U/6 | 12 | 20000 | 2800 | 2630 | 4100 | 86 | ☺ | | | | ☹ | | 102 | |
| | | 32 | 22.5 | 10489 | F32T8/SPX50/U/6 | 12 | 20000 | 2660 | 2510 | 5000 | 86 | ☺ | | | | ☹ | | 102 | |

T8 6" Spacing Ecolux®

| | | | | | | | | | | | | | | | | | | | |
|----|---------------------|----|------|-------|--------------------|----|-------|------|------|------|----|---|--|--|--|---|--|-----|--|
| T8 | Medium Bi-Pin (G13) | 32 | 22.5 | 28145 | F32T8/SP30/U6/ECO | 12 | 20000 | 2700 | 2565 | 3000 | 78 | ☺ | | | | ☹ | | 102 | |
| | | 32 | 22.5 | 28149 | F32T8/SP35/U6/ECO | 12 | 20000 | 2700 | 2565 | 3500 | 78 | ☺ | | | | ☹ | | 102 | |
| | | 32 | 22.5 | 28152 | F32T8/SP41/U6/ECO | 12 | 20000 | 2700 | 2565 | 4100 | 78 | ☺ | | | | ☹ | | 102 | |
| | | 32 | 22.5 | 72111 | F32T8/SPX30/U6/ECO | 12 | 20000 | 2800 | 2630 | 3000 | 86 | ☺ | | | | ☹ | | 102 | |
| | | 32 | 22.5 | 72112 | F32T8/SPX35/U6/ECO | 12 | 20000 | 2800 | 2630 | 3500 | 86 | ☺ | | | | ☹ | | 102 | |
| | | 32 | 22.5 | 72113 | F32T8/SPX41/U6/ECO | 12 | 20000 | 2800 | 2630 | 4100 | 86 | ☺ | | | | ☹ | | 102 | |

T8 6" Spacing Ecolux® Watt-Miser® 30 Watt Lamp

| | | | | | | | | | | | | | | | | | | |
|----|---------------------|----|------|-------|-----------------------|----|-------|------|------|------|----|---|----|---|---|--|-----|--|
| T8 | Medium Bi-Pin (G13) | 30 | 22.5 | 72114 | F32T8/SPX30/U6/WM/ECO | 12 | 24000 | 2800 | 2632 | 3000 | 85 | ☺ | \$ | ↔ | ☹ | | 102 | |
| | | 30 | 22.5 | 72115 | F32T8/SPX35/U6/WM/ECO | 12 | 24000 | 2800 | 2632 | 3500 | 85 | ☺ | \$ | ↔ | ☹ | | 102 | |
| | | 30 | 22.5 | 72116 | F32T8/SPX41/U6/WM/ECO | 12 | 24000 | 2800 | 2632 | 4100 | 85 | ☺ | \$ | ↔ | ☹ | | 102 | |

Other T8 Lengths

18" T8 w/Starcoat®

| | | | | | | | | | | | | | | | | | | | |
|----|---------------------|----|------|-------|----------------|----|-------|-----|-----|------|----|---|--|--|--|--|--|-----|----------------------------------|
| T8 | Medium Bi-Pin (G13) | 15 | 18.0 | 49489 | F15T8/XL/SPX65 | 24 | 24000 | 875 | 785 | 6500 | 85 | ☺ | | | | | | 101 | Use with Electronic Ballast Only |
|----|---------------------|----|------|-------|----------------|----|-------|-----|-----|------|----|---|--|--|--|--|--|-----|----------------------------------|

| Bulb Shape | Base | Watts | Nominal Length (in) | Order Code | Description | Case Qty | Rated Life (3hr/Start) | Rated Life (12hr/Start) | Initial Lumens | Mean Lumens | Color Temp K | CRI | High Color Rendering | Energy Savings | Reduced Wattage | Meets Federal Minimum Efficiency Standards | Footnotes | Warning and Caution Notices | Additional Information |
|------------|------|-------|---------------------|------------|-------------|----------|------------------------|-------------------------|----------------|-------------|--------------|-----|----------------------|----------------|-----------------|--|-----------|-----------------------------|------------------------|
|------------|------|-------|---------------------|------------|-------------|----------|------------------------|-------------------------|----------------|-------------|--------------|-----|----------------------|----------------|-----------------|--|-----------|-----------------------------|------------------------|

8' T8 Lamps (continued)

8' T8 XL Extra-Life Watt-Miser® Energy Saving Lamps

| | | | | | | | | | | | | | | | | | | | |
|----|------------------|----|------|-------|------------------|----|-------|-------|------|------|------|----|---|----|---|---|---|-----|--|
| T8 | Single Pin (Fa8) | 57 | 96.0 | 48524 | F96T8/XL/SP30/WM | 24 | 24000 | 30000 | 5800 | 5450 | 3000 | 84 | ☺ | \$ | ↔ | ☹ | 1 | 101 | |
| | | 57 | 96.0 | 48525 | F96T8/XL/SP35/WM | 24 | 24000 | 30000 | 5800 | 5450 | 3500 | 83 | ☺ | \$ | ↔ | ☹ | 1 | 101 | |
| | | 57 | 96.0 | 48526 | F96T8/XL/SP41/WM | 24 | 24000 | 30000 | 5800 | 5450 | 4100 | 81 | ☺ | \$ | ↔ | ☹ | 1 | 101 | |

8' T8 XL Extra-Life Watt-Miser® Plus Energy Saving Lamps

| | | | | | | | | | | | | | | | | | | | |
|----|------------------|----|------|-------|-------------------|----|-------|-------|------|------|------|----|---|----|---|---|---|-----|--|
| T8 | Single Pin (Fa8) | 54 | 96.0 | 47072 | F96T8/XL/SP30/WMP | 24 | 24000 | 30000 | 5800 | 5450 | 3000 | 84 | ☺ | \$ | ↔ | ☹ | 1 | 101 | |
| | | 54 | 96.0 | 47076 | F96T8/XL/SP35/WMP | 24 | 24000 | 30000 | 5800 | 5450 | 3500 | 83 | ☺ | \$ | ↔ | ☹ | 1 | 101 | |
| | | 54 | 96.0 | 47103 | F96T8/XL/SP41/WMP | 24 | 24000 | 30000 | 5800 | 5450 | 4100 | 81 | ☺ | \$ | ↔ | ☹ | 1 | 101 | |

8' T8 Instant Start

| | | | | | | | | | | | | | | | | | | | |
|----|------------------|----|------|-------|----------|----|------|--|------|------|------|----|--|--|--|--|--|-----|--|
| T8 | Single Pin (Fa8) | 50 | 96.0 | 10912 | F96T8/CW | 24 | 7500 | | 4050 | 3730 | 4100 | 60 | | | | | | 101 | |
|----|------------------|----|------|-------|----------|----|------|--|------|------|------|----|--|--|--|--|--|-----|--|

| Bulb Shape | Base | Watts | Nominal Length (in) | Order Code | Description | Case Qty | Rated Life (hrs) | Initial Lumens | Mean Lumens | Color Temp K | CRI | High Color Rendering | Energy Savings | Reduced Wattage | Meets Federal Minimum Efficiency Standards | Footnotes | Warning and Caution Notices | Additional Information |
|------------|------|-------|---------------------|------------|-------------|----------|------------------|----------------|-------------|--------------|-----|----------------------|----------------|-----------------|--|-----------|-----------------------------|------------------------|
|------------|------|-------|---------------------|------------|-------------|----------|------------------|----------------|-------------|--------------|-----|----------------------|----------------|-----------------|--|-----------|-----------------------------|------------------------|

8' T8 High Output

8' T8 High Output – Recessed Double Contact

| | | | | | | | | | | | | | | | | | | | |
|----|--------------------------------|----|------|-------|----------------|----|-------|------|------|------|----|---|--|--|--|--|--|-----|--|
| T8 | Recessed Double Contact (R17d) | 86 | 96.0 | 12536 | F96T8/SP30/HO | 24 | 18000 | 8000 | 7600 | 3000 | 78 | ☺ | | | | | | 101 | |
| | | 86 | 96.0 | 12537 | F96T8/SP35/HO | 24 | 18000 | 8000 | 7600 | 3500 | 78 | ☺ | | | | | | 101 | |
| | | 86 | 96.0 | 12538 | F96T8/SP41/HO | 24 | 18000 | 8000 | 7600 | 4100 | 78 | ☺ | | | | | | 101 | |
| | | 86 | 96.0 | 12533 | F96T8/SPX35/HO | 24 | 18000 | 8200 | 7800 | 3500 | 86 | ☺ | | | | | | 101 | |
| | | 86 | 96.0 | 12534 | F96T8/SPX41/HO | 24 | 18000 | 8200 | 7800 | 4100 | 86 | ☺ | | | | | | 101 | |
| | | 86 | 96.0 | 12535 | F96T8/SPX50/HO | 24 | 18000 | 8200 | 7800 | 5000 | 86 | ☺ | | | | | | 101 | |

T8 Mod-U-Line®

T8 1-5/8" Spacing

| | | | | | | | | | | | | | | | | | | | |
|----|---------------------|----|------|-------|---------------|----|-------|------|------|------|----|---|--|--|--|--|--|-----|--|
| T8 | Medium Bi-Pin (G13) | 31 | 22.5 | 41776 | F31T8/SPX30/U | 15 | 20000 | 2725 | 2500 | 3000 | 82 | ☺ | | | | | | 102 | |
| | | 31 | 22.5 | 41777 | F31T8/SPX35/U | 15 | 20000 | 2725 | 2500 | 3500 | 82 | ☺ | | | | | | 102 | |
| | | 31 | 22.5 | 41778 | F31T8/SPX41/U | 15 | 20000 | 2725 | 2500 | 4100 | 82 | ☺ | | | | | | 102 | |

T8 1-5/8" Spacing Ecolux®

| | | | | | | | | | | | | | | | | | | | |
|----|---------------------|----|------|-------|------------------|----|-------|------|------|------|----|---|--|--|--|--|--|-----|--|
| T8 | Medium Bi-Pin (G13) | 31 | 22.5 | 72117 | F31T8SPX30/U/ECO | 15 | 24000 | 2775 | 2636 | 3000 | 85 | ☺ | | | | | | 102 | |
| | | 31 | 22.5 | 72118 | F31T8SPX35/U/ECO | 15 | 24000 | 2775 | 2636 | 3500 | 85 | ☺ | | | | | | 102 | |
| | | 31 | 22.5 | 72119 | F31T8SPX41/U/ECO | 15 | 24000 | 2775 | 2636 | 4100 | 85 | ☺ | | | | | | 102 | |

T8 6" Spacing

| | | | | | | | | | | | | | | | | | | | |
|----|---------------------|----|------|-------|-----------------|----|-------|------|------|------|----|---|--|--|--|---|--|-----|--|
| T8 | Medium Bi-Pin (G13) | 32 | 22.5 | 10479 | F32T8/SP30/U/6 | 12 | 20000 | 2700 | 2565 | 3000 | 78 | ☺ | | | | ☹ | | 102 | |
| | | 32 | 22.5 | 23585 | F32T8/SP35/U/6 | 12 | 20000 | 2700 | 2565 | 3500 | 78 | ☺ | | | | ☹ | | 102 | |
| | | 32 | 22.5 | 10480 | F32T8/SP41/U/6 | 12 | 20000 | 2700 | 2565 | 4100 | 78 | ☺ | | | | ☹ | | 102 | |
| | | 32 | 22.5 | 10483 | F32T8/SPX30/U/6 | 12 | 20000 | 2800 | 2630 | 3000 | 86 | ☺ | | | | ☹ | | 102 | |
| | | 32 | 22.5 | 10485 | F32T8/SPX35/U/6 | 12 | 20000 | 2800 | 2630 | 3500 | 86 | ☺ | | | | ☹ | | 102 | |
| | | 32 | 22.5 | 10488 | F32T8/SPX41/U/6 | 12 | 20000 | 2800 | 2630 | 4100 | 86 | ☺ | | | | ☹ | | 102 | |
| | | 32 | 22.5 | 10489 | F32T8/SPX50/U/6 | 12 | 20000 | 2660 | 2510 | 5000 | 86 | ☺ | | | | ☹ | | 102 | |

T8 6" Spacing Ecolux®

| | | | | | | | | | | | | | | | | | | | |
|----|---------------------|----|------|-------|--------------------|----|-------|------|------|------|----|---|--|--|--|---|--|-----|--|
| T8 | Medium Bi-Pin (G13) | 32 | 22.5 | 28145 | F32T8/SP30/U6/ECO | 12 | 20000 | 2700 | 2565 | 3000 | 78 | ☺ | | | | ☹ | | 102 | |
| | | 32 | 22.5 | 28149 | F32T8/SP35/U6/ECO | 12 | 20000 | 2700 | 2565 | 3500 | 78 | ☺ | | | | ☹ | | 102 | |
| | | 32 | 22.5 | 28152 | F32T8/SP41/U6/ECO | 12 | 20000 | 2700 | 2565 | 4100 | 78 | ☺ | | | | ☹ | | 102 | |
| | | 32 | 22.5 | 72111 | F32T8/SPX30/U6/ECO | 12 | 20000 | 2800 | 2630 | 3000 | 86 | ☺ | | | | ☹ | | 102 | |
| | | 32 | 22.5 | 72112 | F32T8/SPX35/U6/ECO | 12 | 20000 | 2800 | 2630 | 3500 | 86 | ☺ | | | | ☹ | | 102 | |
| | | 32 | 22.5 | 72113 | F32T8/SPX41/U6/ECO | 12 | 20000 | 2800 | 2630 | 4100 | 86 | ☺ | | | | ☹ | | 102 | |

T8 6" Spacing Ecolux® Watt-Miser® 30 Watt Lamp

| | | | | | | | | | | | | | | | | | | |
|----|---------------------|----|------|-------|-----------------------|----|-------|------|------|------|----|---|----|---|---|--|-----|--|
| T8 | Medium Bi-Pin (G13) | 30 | 22.5 | 72114 | F32T8/SPX30/U6/WM/ECO | 12 | 24000 | 2800 | 2632 | 3000 | 85 | ☺ | \$ | ↔ | ☹ | | 102 | |
| | | 30 | 22.5 | 72115 | F32T8/SPX35/U6/WM/ECO | 12 | 24000 | 2800 | 2632 | 3500 | 85 | ☺ | \$ | ↔ | ☹ | | 102 | |
| | | 30 | 22.5 | 72116 | F32T8/SPX41/U6/WM/ECO | 12 | 24000 | 2800 | 2632 | 4100 | 85 | ☺ | \$ | ↔ | ☹ | | 102 | |

Other T8 Lengths

18" T8 w/Starcoat®

| | | | | | | | | | | | | | | | | | | | |
|----|---------------------|----|------|-------|----------------|----|-------|-----|-----|------|----|---|--|--|--|--|--|-----|----------------------------------|
| T8 | Medium Bi-Pin (G13) | 15 | 18.0 | 49489 | F15T8/XL/SPX65 | 24 | 24000 | 875 | 785 | 6500 | 85 | ☺ | | | | | | 101 | Use with Electronic Ballast Only |
|----|---------------------|----|------|-------|----------------|----|-------|-----|-----|------|----|---|--|--|--|--|--|-----|----------------------------------|