

# T8 Energy Efficient Technology

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# Reduced Wattage T8's

- Available in 30W, 28W and 25W versions
- Benefit: Energy Savings
- What's different: Krypton vs Argon
  - Do not operate in cool temperatures (<60 F)
  - Not Dimmable
  - May have ballast limitations/lower light  
(Check with Manufacturer)
- Application: Retrofit for F32T8, F40 or F34

$$1 \text{ Watt} \times 8.760 \text{Khrs/yr} \times \$0.1/\text{Kwh} \times 1.33 \text{ (A/C)} = \$1.17/\text{yr}$$



# Energy Efficient T8's

- |              |           |           |
|--------------|-----------|-----------|
| • 30 watt    | 28 watt   | 25 watt   |
| • 2850/2700  | 2725/2590 | 2400/2280 |
| • 85 CRI     | 85        | 85        |
| • IS/PS      | IS/PS     | IS/PS     |
| • 24-30K hrs | 24-30K    | 24-30K    |
| • 30-36K     | 30-36K    | 30-36K    |

# Office Area Solutions At-A-Glance

Ballast(s)	Lamps	Input Watts	Relative Light Output	Savings
(2) Magnetic	<b>(4) 34 Watt T12</b>	<b>144</b>	100%	<b>N/A</b>
(2) Electronic	<b>(4) 34 Watt T12</b>	<b>120</b>	97%	<b>17%</b>
(1) Low-watt ELE	<b>(4) 32 Watt T8</b>	<b>98</b>	100%	<b>32%</b>
(1) Low-watt ELE	<b>(4) 30 Watt T8</b>	<b>91</b>	102%	<b>37%</b>
(1) Low-watt ELE	<b>(4) 28 Watt T8</b>	<b>85</b>	95%	<b>41%</b>
(1) High-efficiency ELE	<b>(4) 25 Watt T8</b>	<b>83</b>	98%	<b>42%</b>
(1) High-efficiency low-watt ELE	<b>(4) 25 Watt T8</b>	<b>75</b>	88%	<b>48%</b>

# T5 & T8 Relative Output Against Temperature

