



# Frontier Lighting, Inc.

*Florida's Number One Supplier of Lighting!*

Lighting accounts for 5-10 percent of total energy use in the average American home and costs \$50 to \$150 per year in electricity. That's not a huge amount, but it's enough to justify doing something about—especially when you consider the advantages of energy-efficient alternatives.

**SIMPLE SOLUTION:** These tips from the American Council for an Energy-Efficient Economy will help!

Make use of natural light

Switch to compact fluorescent lamps

When design permits, use tube fluorescent lighting

Use incandescent lights wisely

Turn lights off when you leave the room, or install occupancy sensors.

Install energy-saving floodlights outdoors.

Use solar-powered accent lights outdoors.

Buying energy-efficient lighting equipment.



# Light Bulbs

# Bulbs

90% Heat 10% Light Energy

# VS

30% Heat 70% Light Energy

# FLUORESCENT

# Energy Savers



Lumens = The Amount of Potential Light

Lumens Per Watt (LPW) = Amount of Light Per Watt Consumed, Same as Miles Per Gallon

# Incandescents

# Fluorescents















Product	Lamp	Lumens	Lumens Per Watt		Product	Lamp	Lumens Mean	Lumens Initial	Lumens Per Watt	Savings Over Life Of Lamp (Based On 8 Cents Per KWH)
	40 Watt A19 Generic Incandescent	325	8.1	Replace With →		23 Watt Fluorescent	No Information Available	No Information Available		<b>\$39.68</b>
	60 Watt A19 Generic Incandescent	600	10	Replace With →		16 Watt Fluorescent	600	750	37.5	<b>\$31.36</b>
	75 Watt A19 Generic Incandescent	683	9.1	Replace With →		14 Watt Fluorescent	396	495	22.3	<b>\$23.04</b>
	100 Watt A19 Generic Incandescent	1050	10.5	Replace With →		23 Watt Fluorescent	1000	1250	43.5	<b>\$62.72</b>
	40 Watt A19 Name Brand Incandescent	460	11.5	Replace With →		15 Watt Fluorescent	650		43.3	<b>\$22.40</b>
	60 Watt A19 Name Brand Incandescent	855	14.3	Replace With →		23 Watt Fluorescent	1300		56.5	<b>\$42.88</b>
	75 Watt A19 Name Brand Incandescent	1190	15.9	Replace With →		28 Watt T8 Lamp Electronic Ballast	2 Lamp System 4560		87.7	<b>\$35.20</b>

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	85 Watt or 100 Watt Outdoor Colored Lamps	No Information Available	No Information Available	Replace With →		7 Watt Fluorescent	300	375	42.9	<b>\$21.12</b>
	65Watt BR30	620	9.5	Replace With →		11 Watt Fluorescent	480	600	43.6	<b>\$31.36</b>
	50 Watt R20	330	6.6	Replace With →		13 Watt Fluorescent	640	800	49.2	<b>\$39.68</b>
	120 Watt BR40	1150	9.6	Replace With →		19 Watt Fluorescent	960	1200	50.5	<b>\$51.84</b>
	50 Watt PAR 30 Halogen	660	13.2	Replace With →		11 Watt Fluorescent	480	600	42.7	<b>\$18.56</b>
	90 Watt PAR 38 Halogen	1310	14.6	Replace With →		13 Watt Fluorescent	640	800	49.2	<b>\$30.08</b>
	34 Watt T12 Lamp Magnetic Ballast	2 Lamp System 4558	61.6	Replace With →		19 Watt Fluorescent	960	1200	50.5	<b>\$35.84</b>

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	100 Watt A19 Name Brand Incandescent	1700	17	Replace With →		27 Watt Fluorescent	1400	1750	51.9	<b>\$46.72</b>
	50 / 100 / 150 Watt 3 - Way Incandescent	540 1400 1940	10.8	Replace With →		12 Watt 19 Watt 28 Watt Fluorescent	480 880 1440	600 1100 1800	No Information Available	<b>\$18.24 To \$58.56</b>
	60 Watt Yellow Incandescent	No Information Available	No Information Available	Replace With →		13 Watt Yellow Spiral	No Information Available	No Information Available	No Information Available	<b>\$30.08</b>
	40 Watt White Incandescent	No Information Available	No Information Available	Replace With →		9 Watt Fluorescent	396	495	44	<b>\$19.84</b>
	60 Watt White Incandescent	No Information Available	No Information Available	Replace With →		15 Watt Fluorescent	720		48	<b>\$28.80</b>
	25 Watt Incandescent	No Information Available	No Information Available	Replace With →		7 Watt Fluorescent	224	280	32	<b>\$11.52</b>
	40 Watt Incandescent	No Information Available	No Information Available	Replace With →		9 Watt Fluorescent	425		47.2	<b>\$19.84</b>

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