

## Save It Easy® Conversion Strategy and Energy Savings

**Ballast Type: High Frequency**

**Date 21/4/2009**

This document sets out the Save It Easy® Product Code which must be used to convert the Existing High Frequency Fitting, the existing and replacement lamps and the energy savings that should be achieved by the conversion.

### 2 foot and 3 foot fittings

Existing Fitting							Save It Easy® System						Energy Savings		
Tubes per Fitting	Nominal Tube Length	Lamp Type	Wattage <sup>1</sup>		Watts per fitting	Operating Hours	SIE Product Code	Lamp Type	Nominal Tube Length	Wattage		Operating Hours	Watts per fitting	Watts	%
			Lamp	Ballast						Lamp	Ballast				
Four tube	600mm	T8	16	2.8	75	12000	CMC-230-014-QUAD	T5	549mm	8.5	2.5	20000	44	31	41%
Three tube	600mm	T8	16	3	57	12000	CMC-230-014-TRI	T5	549mm	8.5	2.5	20000	33	24	42%
Twin tube	600mm	T8	16	3.5	39	12000	EVG-230-014-T5B	T5	549mm	8.5	2.5	20000	22	17	44%
Twin tube	900mm	T8	24	5.5	59	12000	INL-230-014-T5A	T5	849mm	21	2.5	20000	47	12	20%
Single Tube	600mm	T8	16	5	21	12000	EVG-230-014-T5B	T5	549mm	8.5	2.5	20000	11	10	48%
Single Tube	900mm	T8	24	9	33	12000	INL-230-014-T5A	T5	849mm	21	2.5	20000	23.5	9.5	29%

### 4 foot, 5 foot, 6 foot and 8 foot fittings

Existing Fitting							Save It Easy® System						Energy Savings		
Tubes per Fitting	Nominal Tube Length	Lamp Type	Wattage <sup>1</sup>		Watts per lamp way	Operating Hours	SIE Product Code	Lamp Type	Nominal Tube Length	Wattage		Operating Hours	Watts per lamp way	Watts	%
			Lamp	Ballast						Lamp	Ballast				
All	1200mm	T8	32	6	38	12000	INL-230-028-T5B	T5	1149mm	24	4	20000	28	10	26%
All	1500mm	T8	50	9	59	12000	INL-230-035-T5B	T5	1449mm	35	4	20000	39	20	34%
All	1800mm	T8	60	12	72	12000	INL-UHL-049-T5D	T5	1449mm	49	4	20000	53	19	26%

**Footnotes**

<sup>1</sup> Assumes class A3 ballast - all figures from CELMA guide.