

# Save It Easy®

## Simple Payback & Calculation Model V4.0.14

This model can be used to indicate the potential savings and payback which could be achieved from the installation of Save It Easy® e-ballast conversion fittings against an existing lighting system. This is for illustration purposes only and certain assumptions have been made, which are detailed below.

### Company/Site Details

Company:	Some Organisation		
Address:	Townsville, Another County, Somewhere.		
Contact:		Tel:	
Position:	Energy Manager		
Email Address:	energymanager@someorganisation.com		
Site Details	Fluorescent Fittings at site		

Completed by:	Energy Sense Ireland
Date:	06/10/2011
Tel:	00 353 21 4368581
Fax:	
Email Address:	<a href="mailto:info@energysense.ie">info@energysense.ie</a>

Project Ref.	
Quotation Ref.	

### Operating Hours

Hours/Day	14.00
Days/Week	6.00
Weeks/Year	50.00
Annual Operating Hours	4,200

### Existing Installation Details

Lamp	Wattage	Number of Lamps		
		Switchstart	Starterless	High Frequency
2ft Single/Twin	18			
	20			
2ft Triple	18			
	20			
2ft Quad	18	420		
	20			
3ft	30			
4ft	36		100	
	40			
5ft	58	770		
	65			
6ft	70			
	75			
8ft	85			
	100			
	125			
<b>Total Lamps</b>		<b>1,290</b>		

### Maintenance Cost & Electricity Tariff

Your Maintenance Labour Rate (€/hour)	20.00
Electricity Unit Price (€ cents/kWh)	16.000
VAT Rate on Electricity Unit Price	

### Save It Easy® Installation Cost

Select Installation Cost Method	Per Lampway
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### Assumptions/Exclusions:

1. Electricity unit price, lamp prices, labour hourly rate/installation cost per lampway and annual operating hours do not vary during the project term.
2. Energy savings based on standard D Type switchstart ballast.
3. Ceilings do not exceed 2.4 metres in height (installation cost will vary above this height).
4. Savings are based on the installation of standard lamps.
5. Interest is excluded from this calculation.
6. VAT is excluded from this calculation.
7. Delivery costs are excluded from this calculation.

For more information on Save It Easy® products contact:



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# Save It Easy®

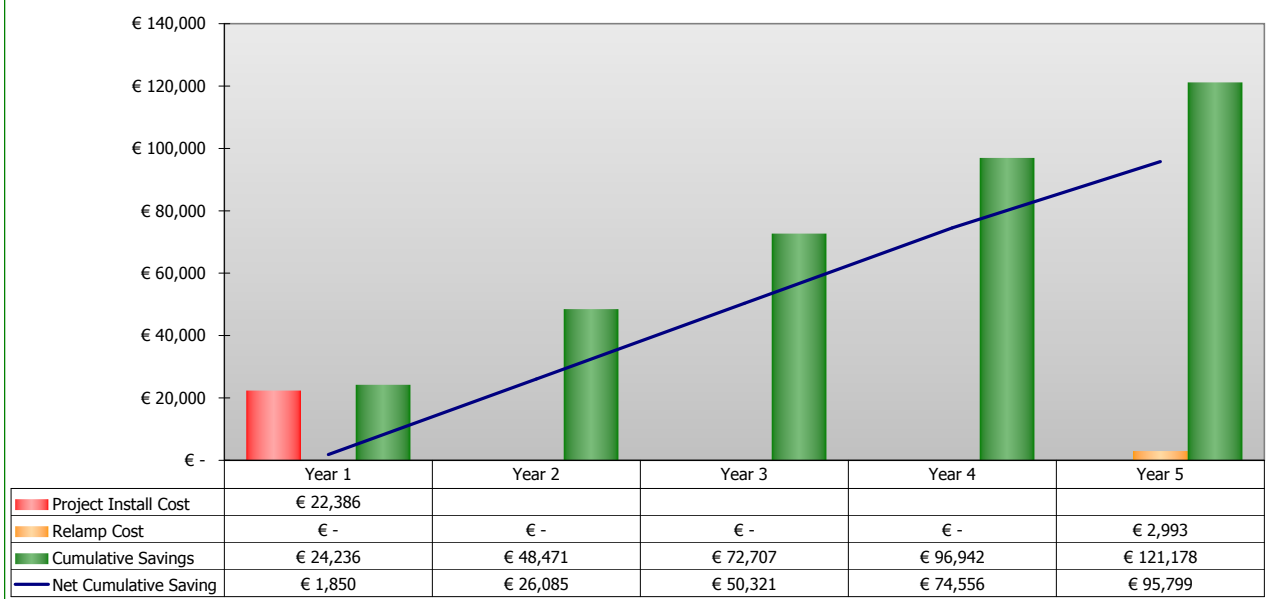
Payback Calculation Model Result

**Installing Save It Easy® e-ballast conversion fittings will give a payback of 0.92 years (11 months) on an investment of €22,386, with a total saving in the region of €260,032 and 839 Tonnes CO2 over the estimated project life of 11.9 years.**

## Costs and Savings

		Year 1	Year 2	Year 3	Year 4	Year 5
<b>Existing Installation</b>	Annual Energy Consumption	288,624 kWh	288,624 kWh	288,624 kWh	288,624 kWh	288,624 kWh
	Annual CO <sub>2</sub> Emissions	155.0 Tonnes	155.0 Tonnes	155.0 Tonnes	155.0 Tonnes	155.0 Tonnes
	Annual Energy Cost	€ 46,180	€ 46,180	€ 46,180	€ 46,180	€ 46,180
	Annual Product Cost	€ 1,388	€ 1,388	€ 1,388	€ 1,388	€ 1,388
	Annual Labour Cost	€ 1,834	€ 1,834	€ 1,834	€ 1,834	€ 1,834
	Annual CCL Cost	€ -	€ -	€ -	€ -	€ -
<b>Total Cost</b>	<b>€ 49,402</b>	<b>€ 49,402</b>	<b>€ 49,402</b>	<b>€ 49,402</b>	<b>€ 49,402</b>	
<b>Save It Easy® Installation</b>	Annual Energy Consumption	157,290 kWh	157,290 kWh	157,290 kWh	157,290 kWh	157,290 kWh
	Annual CO <sub>2</sub> Emissions	84.5 Tonnes	84.5 Tonnes	84.5 Tonnes	84.5 Tonnes	84.5 Tonnes
	Project Install Cost	€ 22,386				
	Relamp Cost	€ -	€ -	€ -	€ -	€ 2,993
	Annual Energy Cost	€ 25,166	€ 25,166	€ 25,166	€ 25,166	€ 25,166
	Annual CCL Cost	€ -	€ -	€ -	€ -	€ -
<b>Total Cost</b>	<b>€ 47,552</b>	<b>€ 25,166</b>	<b>€ 25,166</b>	<b>€ 25,166</b>	<b>€ 28,159</b>	
<b>Savings</b>	Consumption Units Saving	131,334 kWh	131,334 kWh	131,334 kWh	131,334 kWh	131,334 kWh
	Consumption Percentage Saving	45.5%	45.5%	45.5%	45.5%	45.5%
	CO <sub>2</sub> Emission Saving	70.5 Tonnes	70.5 Tonnes	70.5 Tonnes	70.5 Tonnes	70.5 Tonnes
	Energy Saving	€ 21,013	€ 21,013	€ 21,013	€ 21,013	€ 21,013
	Existing Installation Product Saving	€ 1,388	€ 1,388	€ 1,388	€ 1,388	€ 1,388
	Labour Saving	€ 1,834	€ 1,834	€ 1,834	€ 1,834	€ 1,834
	CCL Saving	€ -	€ -	€ -	€ -	€ -
	<b>Cumulative Savings</b>	<b>€ 24,236</b>	<b>€ 48,471</b>	<b>€ 72,707</b>	<b>€ 96,942</b>	<b>€ 121,178</b>
	<b>Net Cumulative Saving</b>	<b>€ 1,850</b>	<b>€ 26,085</b>	<b>€ 50,321</b>	<b>€ 74,556</b>	<b>€ 95,799</b>

Save It Easy® Project Cost and Cumulative Savings over five years



For more information on Save It Easy® products contact:

**Energy Sense**  
Ireland

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