

BIZERBA

Energy-Saving Lighting Project



Client: Bizerba (UK) Ltd
Summary of Energy Savings

Option with T8 and T12 tubes replaced with T5 Adapters and diffuser-kits for modular lights

Details	Current Energy Costs	New Energy Costs	Energy Savings
Total kw/hrs/yr	55,341.0	20,507.8	34,833
Total Annual Energy Costs	£5,746.06	£2,129.32	£3,616.74
Energy Cost over 5 years	£28,730.28	£10,646.60	£18,083.68

Summary of Project Payback and Cost *Includes installation costs and access equipment*

Payback Period Average months **41.5** (Energy-savings only)

Cost of Project **£12,518.86**

(Payback does not show additional financial savings from long life of new tubes)

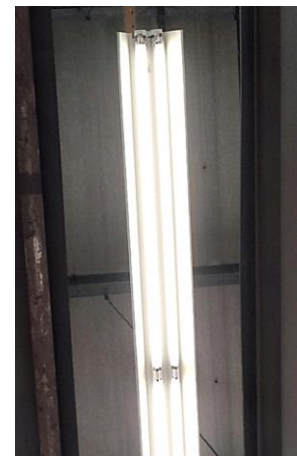
Replacing fluorescent tubes with ClickSave T5 Tube Adapters (3x tube-life, bright, cheaper than LED tube)

T5 Retrofit Tube-Adapter

- Fits nearly all existing light-fittings
- Longer tube-life - electronic pre-heat
- 50% energy-savings
- Built-in reflector - so needs less power
- Alternative profiles to fit anywhere
- Metal body to manage RF interference
- End-to-end light, right-up to 8ft
- Stiff and stable even in longer versions

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T5 Fluorescent



In modular lights we reduced the number of tubes from 4 to 2 with new reflector behind tubes for brightness. In most areas GreenCat diffuser-kits were used to spread light, lighten ceilings and reduce shadows/glare:

