



Improve your game, change your footprint.



“ I used to have to wear a visor to see the end of the green clearly but there is no reflection from the new lights. ”

Richard Bates - League bowler for North Walsham Indoor Bowls Club

The spotlight is on us all

We are all being asked to do our bit to help preserve this wonderful world we live in. Making less of an impact on the environment is now common policy and is supported by all - investors, clients, work colleagues and customers alike.

You can make a big difference by re-evaluating your lighting solutions and, thanks to advances in technology, you will also be making a big difference to your energy costs. We at 3-LINE would like to offer you our knowledge and experience and prove to you how simple and cost effective such a change can be.

- ✓ Reduce Energy bills 
- ✓ Save Carbon 

If you have old inefficient lighting we can help you save money by offering a complete lamp replacement solution. With government funding available for most projects there has never been a better time than now.



3-LINE

The personal touch

We are an electrical wholesale company supplying electrical contractors, installers, facilities managers and commercial and industrial users with a wide range of electrical products. Our team have a wealth of experience in the industry and pride ourselves on our ability to combine innovative, forward thinking with old-fashioned straightforward service, delivered by people who genuinely want to help.

We are a distributor for Philips Lighting and offer some of the world's leading technology for energy saving lamps. We are also a registered Carbon Trust supplier.

Making sense of it all

This is how we work to help find a satisfactory solution to our clients' specific needs:

1. A lighting consultant will survey the existing lamps, and make recommendations for upgrading to lower energy products without compromising the light output
2. The survey results are passed to the finance team who carry out a cost benefit analysis/viability check to measure the reduced energy cost versus the initial investment and calculate the project payback period
3. If the project stacks up we will provide some sample lamps to ensure the light levels are okay with the lower wattage
4. Should you wish to proceed we can organise a Carbon Trust interest free loan if appropriate

We do not charge anything for this service, our financial gain comes from the purchase of any lamps.

The Carbon Trust

Now, for some of you, this is the exciting bit. It comes as a pleasant surprise to all of our customers when we explain how easy it is to help finance their project with the Carbon Trust because it really is this simple:

How does it work?

The Carbon Trust is a government trust offering interest free loans for energy-saving investments. The loan repayment period is set to tie in with the project payback period, i.e. the monthly energy savings will fund the monthly loan repayments. Once the loan has been repaid the real cash benefit through ongoing reduced energy costs will crystallize for the business.

Business example

- Replace a 50 watt halogen downlight for a 7 watt LED with equivalent light output and save 43 watts per hour
- Multiply this by 100 lamps burning 10 hours per day, 365 days per year and the annual saving is 15,695 kWh
- With an energy tariff of 10p per kWh the 5-year electric bill saving is £7.8k
- The initial cash outlay is zero as the investment is fully covered by an unsecured, interest free Carbon Trust Loan
- Monthly electricity savings through upgrading lamps of £131 will cover the monthly Carbon Trust loan repayments
- The 5-year carbon saving is 42 tonnes
- The lamp in this example lasts 40,000 hours (11 years)
 - the loan is fully repaid in 2 years



Our partnership with Philips

We are proud to have a working relationship with Philips and it gives us the confidence to supply our customers with the best that technology can offer.

Philips has been at the forefront of green thinking and are leading the way towards innovative lighting technology that saves energy and offers a higher quality of light. We are happy too, to share and work towards their belief that lighting is one of the most attractive and easy ways to save money on your electricity bills.

PHILIPS
sense and simplicity

Interesting facts and figures

Fact one

Approximately two thirds of all lighting installed around the world is based on older, less energy-efficient technology. There has been a revolution in lighting technology in the past 10 years, resulting in a complete portfolio of added value, energy-saving lighting solutions.

Fact two

Energy-efficient general lighting has the potential to achieve average energy savings of 40%. Globally this would save:

- EUR 120 billion in energy costs
- 630 million tonnes of CO₂
- 1,800 million barrels of oil
- The annual output of 600 medium sized power stations at 2TWh/yr




Bowled over?

Case study: North Walsham Indoor Bowls Club

North Walsham is a nine-rink indoor bowls club, situated inside Rossi's Leisure centre. The existing lighting was inefficient - environmentally, financially and from a bowler's point of view.

Existing lamps and fittings were utilising 31 tonnes of carbon per annum at an annual cost of £3.9k. Not only that, the light output was of poor quality. Bowlers frequently reported the lamps would take time to warm up, and as they reached the end of their lifecycle, the lumin output would fall away. It was also said, there were dark patches between the rinks as the light was not spread evenly.

- We replaced 112 x 8ft 100 watt switch start fittings and lamps and 16 x 8ft 80 watt switch start fittings and lamps with 168 x 70 watt high frequency fittings and lamps
- The replacement lamps remain on target to save £850 in electricity this year
- The replacement lamps remain on target to save 6.6 tonnes of carbon this year
- The new lamps last 55,000 hours vs the old lamps which lasted 5,000 hours
- The new lamps retain 95% of their lumin output over the life of the lamp
- The lumin output of the old lamps drops to around 70% by half life



“ You can see the whole green now, the light is evenly spread and you don’t get shadows. ”

Richard Bates - League bowler for North Walsham Indoor Bowls Club

“ The lights come on straightaway and don’t take time to warm up. ”

Mick Hayden - Manager of North Walsham Indoor Bowls Club

“ The light between rinks is excellent, before it used to be much darker and you lost sight of your wood as it travelled wide of the rink before coming back in. ”

Richard Bates - League bowler for North Walsham Indoor Bowls Club

Making sense of heating too

As part of our commitment to a cheaper, greener working environment we also partner Stiebel Eltron, one of the leading manufacturers of energy efficient heating systems.

Their low carbon sustainable energy heat pumps recycle energy from the air, ground or water to generate heat and hot water for homes and businesses worldwide. This makes for an interesting story and we would be happy to discuss the advantages of our heating solutions with you too.

STIEBEL ELTRON

Let's meet

We are a down-to-earth company that welcomes the chance to present our case in person.

Within a few minutes, we believe, you'll perceive that we have your best interests at heart. Please contact us at your earliest convenience.

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