

ECC

LED Fitting Upgrade

17th October 2017

Mitie's Lighting Business

Fifty Years of Experience

Mitie is Europe's largest indoor lighting maintenance specialist. For fifty years we have been market leaders in lighting design, installation and maintenance, and we continue to be at the forefront of innovative and effective lighting solutions. Our national coverage, self-delivery capability and market knowledge underpins our energy management, design, installation and maintenance skills, making us the go-to partner for all your lighting needs.

An Industry Leader

We are determined to remain at the forefront of lighting innovation and technology. For this reason we are constantly challenging and developing the range of solutions we can offer our clients. We do this through our dedicated Technical Solutions Team, who have an enviable knowledge of the market and over 60 years combined experience in the industry.

They are committed to ensuring that the proposals we submit are designed to improve your lighting installation, maximise the deployment of current technology and provide a high quality of lighting with the least possible damage to the environment.

Savings for Our Clients

As an experienced lighting provider we understand the challenges facing our clients can be highly varied, ranging from improving the customer experience through effective lighting, to ensuring site disruption is kept to a minimum. We use our experience and expertise to develop the most effective lighting designs, resulting in minimal disruption and cost and energy savings.

Our understanding of the industry, knowledge of the latest technologies and self-delivery capability meant that last year we saved our clients 57,576,039 kwh, 31,326 tonnes of CO₂ and £6,045,485.



Largest lighting maintenance contractor in the UK



Last year we saved our clients £5,757,603.88



Last year we saved our clients 31,326 tonnes of CO₂



Last year we saved our clients 57,576,039 kwh



Installed 1,400,552 lamps in 2013



£35m lighting business



National delivery capability

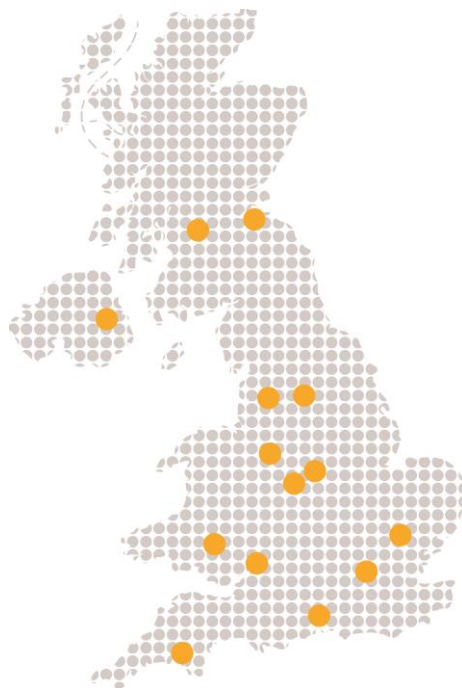


Over 200 lighting engineers nationally

Our national capability

We have a national delivery capability through our network of 13 depots, as shown in the map, and over 200 lighting engineers.

All thirteen of our regional depots are individually certified by the NICEIC, the UK's leading voluntary regulatory body for the electrical contracting industry. Through assessing the technical competence of our electricians, we can ensure competency throughout and that their work meets the industry standards in both quality and safety. Furthermore, each of our depots has an NICEIC-approved qualifying assessor who is authorised to sign off electrical works as well as assess the competency of our electricians.



Training

Our fleet of engineers is 200 strong and covers the entirety of the UK. This ensures that no matter where the work is we will have someone with the sufficient qualifications and training within the area. Naturally, these engineers, no matter how far afield they are, will use our depots as their centre of operations. Furthermore, these depots will be the place in which they receive the majority of their highly tested and constantly developed training.

Training is of vital importance here at Mitie; it is our passion to training that enables us to guarantee such a high level of work. This is evident by the personalised trained plans our engineers have, ensuring that each individual learns exactly what they need to.

Training plans and costs are reviewed monthly to ensure that training is being undertaken satisfactorily and is meeting the needs of the business individuals and our clients.

All our electricians are expected to have the following qualifications:

→ City & Guilds 236 Parts 1 & 2 (preferably also Part 3) or BTEC National Certificate (Electrical) or NVQ/SVQ equivalent Level 2/3

and

→ City & Guilds 16th Edition (or later) Wiring Regulations

We also expect them to have completed a recognised apprenticeship or suitable equivalent in electrical engineering and have three or more years' experience of electrical maintenance or in a related industry.

Your ideal partner

As an experienced provider of lighting solutions to retail and commercial clients, Mitie understand the pressures you face. These challenges can be highly varied and could range from improving your employee's experience through effective lighting, to ensuring disruption to your site during the period the works are undertaken is minimised.

As lighting professionals, our first priority is to ensure that the lighting schemes we offer provide good quality lighting that is suitable for purpose. We also know that a key driver for many of our customers is ensuring cost savings are achieved within your available finance or desired payback periods.

A changing marketplace

We understand that the market place is changing. Outside of increasing energy costs, new lighting solutions such as Light Emitting Diodes (LED) and improvements to conventional T5 Fluorescent lamps, along with the political focus on reducing harmful carbon emissions have only increased the necessity to improve lighting.

A market leading offering

We are determined to remain at the forefront of innovation and technology and for this reason we are constantly challenging and developing the range of solutions we can offer our clients. It is our self-delivery capability coupled with our market knowledge which underpins our energy management, design, installation, and maintenance skills.

Retail & Commercial experience

We have an impressive client list within the retail and commercial sector. This includes maintaining all of the lighting assets for Tesco, Sainsbury, Debenhams, Boots, Ladbroke's, Lloyds Pharmacy & Lloyds Banking Group, Rolls Royce, Scottish Parliament, London University SOAS and many more. We have also undertaken significant LED improvements at Leeds Metropolitan University.

The services we provide our clients include bulk re-lamp and planned maintenance, reactive support, and delivery of energy saving lighting projects with the necessary design and installation skills on a national basis.

Two recent projects undertaken were Royal Bank of Scotland and JLL both of which are detailed in the case studies at the end of this capability document.

Our technical lighting team

We have an impressive in-house capability. This includes our Technical Solutions Team, who with four dedicated personnel design solutions which improve our customers' lighting installations, maximise the deployment of current technology and provide a high quality of lighting. This technical team combined with our Operational delivery from 13 national depots and over 200 skilled lighting engineers means we have the ability to deliver all aspects of lighting services to you.

Contract management

Contract Management and effective communication with our clients is central to any successful project. We would allocate a Manager to oversee and co-ordinate a programme of works and report progress to you.



Essex County Council

Mitie lighting are delighted to present our proposal to upgrade the lighting within 8 different Essex County Council buildings to LED Luminaires.

The 8 sites are proposal covers are:

- Witham Library
- Rayleigh Library
- Mulberry Tree
- Goodman House
- County Hall
- Billericay
- Clacton
- Braintree

We are proposing a GE LED lighting scheme to replace the lighting which will provide low capital exposure combined with high energy efficiency and a low payback period.

The different luminaires and quantities we are proposing through the estate are as follows. All products are a complete new LED fitting manufactured by GE. As can be seen, where there is an integral emergency luminaire we have priced for this to be swapped to a new integral emergency fitting.

Item	Qty
LED Panel	1164
Luceco LED Bulkhead	58
LED TRACK MOUNTED SPOT	6
2FT LED BATTEN FITTING	56
4FT LED BATTEN FITTING	139
5FT LED BATTEN FITTING	171
6FT LED BATTEN FITTING	201
LED Downlighter	174
LED Panel E3	173
LED Bulkhead E3	32
Downlighter E3	3
5FT Batten fitting E3	2
6FT Batten fitting E3	4

Data & Assumptions

- The works will be delivered outside of normal working hours
- We have assumed annual burning hours to be 2808 per annum
- We have assumed that you are paying £0.11 per unit for electricity
- We have allowed a CO2 reduction of 0.5442 kgs per kiloWatt hour (DEFRA Figures)
- Carbon Reduction Commitment Charge based on £16.10 per tonne from April 2013
- Climate Change Levy is calculated at 0.541p per kiloWatt hour
- Where identified, we have made an access allowance.

Full Site Surveys and Proposal

Site Name	AREA	ROOM	LAMPS		Fittings			Lamp s	Gear	Type of Fitting	Emergency Lights		Sensor s	CEILING	ACCESS		
Please CLEARLY identify the site where you are working	Please CLEARLY identify the area where you are working	Recognise d or marked Number / Name or Reference	Type & Size	Wattag e	Colou r	Number of Lampwa ys per Fitting	QT Y	Total from Surve y	CONTR OL GEAR TYPE	Recesse d / Surface or Batten - , Open, Louvre or Diffuser (module of Trough)	Integr al or Stand alone	Qty Installe d	Fitted Qty	Type of Ceiling and replaceme nt issues?	Heigh t from floor	Type of Equipme nt Needed	Proposed Upgrade
Billericay		Main library ceiling	600x60 O PLL	55w	840	2	129	258		Recessed	Integral and SA	4	N/A	Tiles	2.3M	Steps	LED PANEL
Billericay		Office	600x60 O PLL	55w	840	2	8	16		Recessed	N/A	N/A	N/A	Tiles	2.3M	Steps	LED PANEL
Billericay		Exterior	2D 28W	28w	840	1	5	5		Surface mounted	N/A	N/A	N/A	Solid	2.5M	Steps	LUCECO LED BULKHEAD
Billericay		Main library ceiling	PLC 32W	32w	840	1	4	4		Recessed	N/A	N/A	N/A	Tiles	2.3M	Steps	LED DOWNLIGHTER
Billericay		Bursteds lodge offices	5FT T8	58w	840	1	2	2		Surface mounted cat 2	N/A	N/A	N/A	Solid	2.3M	Steps	5FT LED BATTEN FITTING
Billericay		Bursteds lodge offices	5FT T8	58w	840	2	2	4		Surface mounted cat 2	N/A	N/A	N/A	Solid	2.3M	Steps	5FT LED BATTEN FITTING
Billericay	First Floor	CAB rooms	6FT T8	70w	840	1	3	3		surface mounted diffused	N/A	N/A	N/A	Solid	2.3M	Steps	6FT LED BATTEN FITTING
Billericay		Childrens centre	6FT T8	70w	840	2	2	4		surface mounted diffused	N/A	N/A	N/A	Solid	2.3M	Steps	6FT LED BATTEN FITTING
Billericay		Childrens centre	6FT T8	70w	840	1	1	1		surface mounted diffused	N/A	N/A	N/A	Solid	2.3M	Steps	6FT LED BATTEN FITTING
Billericay		Toilet 1st floor	2D 28W	28w	840	1	1	1		Surface mounted	N/A	N/A	N/A	Solid	2.3M	Steps	LUCECO LED BULKHEAD
Billericay		Group managers office	6FT T8	70w	840	2	2	4		Surface mounted	N/A	N/A	N/A	Solid	2.3M	Steps	6FT LED BATTEN FITTING
Billericay		First floor kitchen	5FT T8	58w	840	1	1	1		Surface mounted	N/A	N/A	N/A	Solid	2.3M	Steps	5FT LED BATTEN FITTING

Billericay		Staff room	6FT T8	70w	840	2	1	2		Surface mounted	N/A	N/A	N/A	Solid	2.3M	Steps	6FT LED BATTEN FITTING
Billericay	Second floor	Servants quarters	6FT T8	70w	840	1	10	10		Surface mounted	N/A	N/A	N/A	Solid	2.3M	Steps	6FT LED BATTEN FITTING
Billericay		Stairs	2D 28W	28w	840	1	1	1		Surface mounted	N/A	N/A	N/A	Solid	2.3M	Steps	LUCECO LED BULKHEAD
Billericay	Ground floor	Bursted lodge lobby	2D 28W	28w	840	1	3	3		Surface mounted	N/A	N/A	N/A	Solid	3M	Steps	LUCECO LED BULKHEAD
Billericay		Office	6FT T8	70w	840	1	2	2		Surface mounted	N/A	N/A	N/A	Solid	2.3M	Steps	6FT LED BATTEN FITTING
Billericay		Disabled toilet	2D 28W	28w	840	1	2	2		Surface mounted	N/A	N/A	N/A	Solid	2.3M	Steps	LUCECO LED BULKHEAD
Billericay	Basement	Basement	6FT T8	70w	840	1	3	3		Surface mounted	N/A	N/A	N/A	Solid	2M	Steps	6FT LED BATTEN FITTING
Billericay		Basement	GLS 60W	60w	840	1	2	2		Surface mounted	N/A	N/A	N/A	Solid	2M	Steps	LED DOWNLIGHTER
Braintree	Main Library Area		PLC 32W	32w	840	2	4	8	Electronic	Recessed DL	N/A	N/A	N/A	1200x300m m tiles	3.5M	Large steps	LED DOWNLIGHTER
Braintree	Main Library Area	High Ceiling	4FT T8	36w	840	2	24	48	Unknown	Trough fittings	N/A	N/A	N/A	1200x300m m tiles	6M	Scaffold	4FT LED BATTEN FITTING
Braintree	Lobby		600x600 PLL	55	840	2	8	16	Unknown	Recessed PLL 300x300m m	N/A	N/A	N/A	Solid	3M	Steps	LED PANEL
Braintree	Book racks		2FT T8	18W	840	1	54	54	Unknown	Batons mounted on shelves	N/A	N/A	N/A	N/A	2M	Steps	2FT LED BATTEN FITTING
Braintree	BOH	Work room	2FT T8	18w	840	3	18	54	Unknown	Recessed 600x600m m	Integral	5	N/A	600x600mm tiles	2.5M	Steps	LED PANEL
Braintree	BOH	Lobby area	2D 28W	28w	840	1	2	2		Surface mounted	N/A	N/A	N/A	Solid	2.5M	Steps	LUCECO LED BULKHEAD
Braintree	BOH	Plant room	5FT T8	58w	840	2	2	4		Surface mounted IP65	SA	2	N/A	Solid	2.5M	Steps	5FT LED BATTEN FITTING
Braintree	BOH	Lobby area 2	2D 28W	28w	840	1	3	3		Surface mounted	Integral	2	N/A	Solid	2.5M	Steps	LUCECO LED BULKHEAD
Braintree	1st floor	Corridor	2D 28W	28w	840	1	6	6		Surface mounted	Integral	2	N/A	Solid	2.5M	Steps	LUCECO LED BULKHEAD
Braintree	1st floor	Stock room	5FT T8	58w	840	2	2	4		Surface mounted	N/A	N/A	N/A	Solid	2.5M	Steps	5FT LED BATTEN FITTING
Braintree	1st floor	Electrical cupboard	2D 28W	28w	840	1	1	1		Surface mounted	Integral	1	N/A	Solid	2.5M	Steps	LUCECO LED BULKHEAD
Braintree	2nd floor	Corridor	2D 28W	28w	840	1	3	3		Surface mounted	Integral	1	N/A	Solid	2.5M	Steps	LUCECO LED BULKHEAD
Braintree	2nd floor	Offices	4FT T8	36w	840	2	4	8		Surface mounted	N/A	N/A	N/A	Solid	2.5M	Steps	4FT LED BATTEN FITTING
Braintree	2nd floor	Staff room	2FT T8	18w	840	3	5	15		Surface mounted	Integral	2	N/A	Solid	2.5M	Steps	LED PANEL
Braintree	2nd floor	Staff room	PLC 26W	26w	840	2	2	4		Recessed DL	N/A	N/A	N/A	Solid	2.5M	Steps	LED DOWNLIGHTER

Braintree	2nd floor	Corridor	2D 28W	28w	840	1	9	9		Surface mounted	Integral	3	N/A	Solid	2.5M	Steps	LUCECO LED BULKHEAD
Braintree	2nd floor	Meeting room	2FT T8	18w	840	3	6	18		Surface mounted	Integral	2	N/A	Solid	2.5M	Steps	LED PANEL
Braintree	2nd floor	Meeting room	GLS 60W	60w	840	1	6	6		Recessed	N/A	N/A	N/A	Solid	2.5M	Steps	LED DOWNLIGHTER
Braintree	2nd floor	Meeting room	2D 28W	28w	840	1	1	1		Surface mounted	N/A	N/A	N/A	Solid	2.5M	Steps	LUCECO LED BULKHEAD
Braintree	Ground floor	Lift room	5FT T8	58w	840	1	1	1		Surface mounted	Integral	1	N/A	Solid	2.5M	Steps	5FT LED BATTEN FITTING
Braintree	Ground floor	Disabled toilet	2D 28W	28w	840	1	1	1		Surface mounted	Integral	1	N/A	Solid	2.5M	Steps	LUCECO LED BULKHEAD
Braintree	Ground floor	Cleaners cupboard	2D 28W	28w	840	1	1	1		Surface mounted	N/A	N/A	N/A	Solid	2.5M	Steps	LUCECO LED BULKHEAD
Braintree	Ground floor	Cupboard behind desk	2D 28W	28w	840	1	2	2		Surface mounted	Integral	1	N/A	Solid	2.5M	Steps	LUCECO LED BULKHEAD
Clacton	Lobby		PLC 26W	26w	840	1	4	4		Recessed DL	N/A	N/A	N/A	Solid ceiling	2.3m	steps	LED DOWNLIGHTER
Clacton	Main Library ceiling		2FT T8	18w	840	4	53	212		recessed	Integral	7	N/A	Tiles	2.3m	steps	LED PANEL
Clacton	Main Library ceiling		PLC 26W	26w	840	1	20	20		Recessed DL	N/A	N/A	N/A	Tiles	2.3m	steps	LED DOWNLIGHTER
Clacton	Main Library ceiling		GU10 50W	50w	840	1	6	6		Track mounted spots	N/A	N/A	N/A	Solid ceiling	2.3m	steps	LED TRACK MOUNTED SPOT
Clacton	Over terminals		4FT T8	36w	840	1	8	8		Suspended	N/A	N/A	N/A	Tiles	2.3m	steps	4FT LED BATTEN FITTING
Clacton	Computer area		5FT T8	58w	840	1	10	10		surface mounted cat 2	N/A	N/A	N/A	Solid ceiling	2.3m	steps	5FT LED BATTEN FITTING
Clacton	Café		5FT T8	58w	840	1	6	6		surface mounted	N/A	N/A	N/A	Solid ceiling	2.3m	steps	5FT LED BATTEN FITTING
Clacton	Toilet		2D 28W	28w	840	1	1	1		surface mounted	Integral	1	N/A	Solid ceiling	2.3m	steps	LUCECO LED BULKHEAD
Clacton	Garage		5FT T8	58w	840	2	8	16		surface mounted	N/A	N/A	N/A	Solid ceiling	2.3m	steps	5FT LED BATTEN FITTING
Clacton	Work room		5FT T8	58w	840	1	6	6		surface mounted cat 2	N/A	N/A	N/A	Solid ceiling	2.3m	steps	5FT LED BATTEN FITTING
Clacton	Work room		2D 28W	28w	840	1	2	2		surface mounted	N/A	N/A	N/A	Solid ceiling	2.3m	steps	LUCECO LED BULKHEAD
Clacton	Toilet		2D 28W	28w	840	1	2	2		surface mounted	integral	2	N/A	Solid ceiling	2.3m	steps	LUCECO LED BULKHEAD
Clacton	Staff room		5FT T8	58w	840	1	6	6		surface mounted	N/A	N/A	N/A	Solid ceiling	2.3m	steps	5FT LED BATTEN FITTING
Clacton	Staff stairs		2D 28W	28w	840	1	4	4		surface mounted	Integral	4	N/A	Solid ceiling	2.3m	steps	LUCECO LED BULKHEAD
Clacton	New books		5FT T8	58w	840	2	10	20		surface mounted	N/A	N/A	N/A	Solid ceiling	2.3m	steps	5FT LED BATTEN FITTING

Clacton	New books		5FT T8	58w	840	1	1	1		surface mounted	N/A	N/A	N/A	Solid ceiling	2.3m	steps	5FT LED BATTEN FITTING
Clacton	Office		4FT T8	36w	840	2	2	4		surface mounted	N/A	N/A	N/A	Solid ceiling	2.3m	steps	4FT LED BATTEN FITTING
Clacton	Office 2		5FT T8	58w	840	1	7	7		surface mounted	N/A	N/A	N/A	Solid ceiling	2.3m	steps	5FT LED BATTEN FITTING
Clacton	Public stairs		2D 28W	28w	840	1	11	11		surface mounted	Integral	10	N/A	Solid ceiling	2.3m	steps	LUCECO LED BULKHEAD
Clacton	Top floor	Meeting room	6FT T8	70w	840	1	6	6		surface mounted diffused fitting	integral	2	N/A	Solid ceiling	2.3m	steps	6FT LED BATTEN FITTING
Clacton	Top floor	Storage room	6FT T8	70w	840	1	8	8		surface mounted diffused fitting	integral	2	N/A	Solid ceiling	2.3m	steps	6FT LED BATTEN FITTING
Clacton	Top floor	storage room 2	6FT T8	70w	840	1	12	12		surface mounted diffused fitting	SA	3	N/A	Solid ceiling	2.3m	steps	6FT LED BATTEN FITTING
Clacton	Top floor	Museum	6FT T8	70w	840	1	6	6		surface mounted	N/A	N/A	N/A	Solid ceiling	2.3m	steps	6FT LED BATTEN FITTING
Clacton	Top floor	Library	4FT T8	36w	840	3	18	54		Recessed	N/A	N/A	N/A	Solid ceiling	2.3m	steps	LED PANEL
Clacton	Top floor	Library	5FT T8	58w	840	2	4	8		surface mounted cat 2	N/A	N/A	N/A	Solid ceiling	2.3m	steps	5FT LED BATTEN FITTING
Clacton	Top floor	Library	5FT T8	58w	840	1	2	2		suspended cat2	N/A	N/A	N/A	Solid ceiling	2.3m	steps	5FT LED BATTEN FITTING
Clacton		Above lift door	4FT T8	36w	840	1	1	1		Wall mounted	N/A	N/A	N/A	Wall mounted	2.3m	steps	4FT LED BATTEN FITTING
County Hall	B building	1st floor office	2FT T8	18w	840	4	95	380		Recessed	Integral	10	N/A	Tiles	2.5M	Steps	LED PANEL
County Hall	B building	1st floor office	2D 16W	16w	840	1	1	1		Recessed	Integral	1	N/A	Tiles	2.5M	Steps	LUCECO LED BULKHEAD
County Hall	E Building	E1 zone 3	2FT T8	18w	840	4	15	60		Recessed	N/A	N/A	N/A	Tiles	2.5M	Steps	LED PANEL
County Hall	E Building	Walk way	5FT T8	58w	840	1	4	4		Recessed	N/A	N/A	N/A	Tiles	2.5M	Steps	5FT LED BATTEN FITTING
County Hall	B building	2nd floor	2FT T8	18w	840	4	57	228		Recessed	Integral	7	N/A	Tiles	2.5m	Steps	LED PANEL
County Hall	B building	2nd floor	2FT T8	18w	840	3	6	18		Surface mounted	N/A	N/A	N/A	Tiles	2.5M	Steps	LED PANEL
County Hall	B building	Room 6	5FT T8	58w	840	1	2	2		Surface mounted	N/A	N/A	N/A	Solid	2.5M	Steps	5FT LED BATTEN FITTING
County Hall	B building	Occ Health	5FT T8	58w	840	1	5	5		Surface mounted cat 2	N/A	N/A	N/A	Solid	2.5M	Steps	5FT LED BATTEN FITTING
County Hall	B building	Office	2FT T8	18w	840	4	15	60		Recessed	N/A	N/A	N/A	Tiles	2.5M	Steps	LED PANEL
County Hall	B building	Consultation room 1	5FT T8	58w	840	2	17	34		surface mounted	N/A	N/A	N/A	Solid	2.5m	Steps	5FT LED BATTEN FITTING
County Hall	B building	Disabled toilet	2D 28W	28w	840	1	1	1		Surface mounted	integral	1	N/A	Solid	2.5M	Steps	LUCECO LED BULKHEAD

County Hall	B building	Johnston Room	PLC 26W	26w	840	2	19	38		Recessed	N/A	N/A	N/A	Tiles	2.5M	Steps	LED DOWNLIGHTER
County Hall	B building	Canteen	PLC 26W	26w	840	2	36	72		Recessed	N/A	N/A	N/A	Tiles	2.5M	Steps	LED DOWNLIGHTER
County Hall	B building	Canteen	MBFU 150W	150w	840	1	6	6		Recessed	N/A	N/A	N/A	Tiles	2.5M	Steps	No Change
County Hall	B building	Canteen	Halo Spot 50w	50w	840	1	17	17		Recessed	N/A	N/A	N/A	Tiles	2.5M	Steps	LED DOWNLIGHTER
County Hall	B building	Canteen	GLS 60W	60w	840	1	4	4		recessed	N/A	N/A	N/A	Tiles	2.5M	Steps	LED DOWNLIGHTER
County Hall	B building	Canteen	PLC 26W	26w	840	2	3	6		surface mounted	N/A	N/A	N/A	Tiles	2.5M	Steps	LED DOWNLIGHTER
County Hall	B building	corridor GF	Biax	18w	840	2	5	10		surface mounted	N/A	N/A	N/A	Solid	2.5M	Steps	No Change
County Hall	B building	Office GF	2FT T8	18w	840	4	24	96		Recessed	Integral	6	N/A	Tiles	2.5M	Steps	LED PANEL
County Hall	B building	Office GF	600x60 0 PLL	55w	840	2	5	10		Recessed	N/A	N/A	N/A	Tiles	2.5M	Steps	LED PANEL
County Hall	B building	Office GF	600x60 0 PLL	55w	840	2	36	72		Recessed	N/A	N/A	N/A	Tiles	2.5M	Steps	LED PANEL
County Hall	Library	book shelves	6FT T8	70w	840	1	88	88		mounted on the shelves	N/A	N/A	N/A	N/A	2M	Steps	6FT LED BATTEN FITTING
County Hall	Library	book shelves	3FT T8	30w	840	1	68	68		mounted on the shelves	N/A	N/A	N/A	N/A	2M	Steps	4FT LED BATTEN FITTING
Goodman House	Ground floor	Reception pelmet	6FT T8	70w	840	2	4	8	Electronic	Baton	N/A	N/A	N/A	N/A	2.5M	Steps	6FT LED BATTEN FITTING
Goodman House	Ground floor	Reception spot lights	GU10 50W	50w	840	1	25	25	Electronic	spot light	N/A	N/A	N/A	Solid	2.3M	Steps	LED DOWNLIGHTER
Goodman House	Ground floor	Reception desk	6FT T5	55w	840	2	1	2	Electronic	Suspended	N/A	N/A	N/A	Tiles	2.3M	Steps	6FT LED BATTEN FITTING
Goodman House	Ground floor	Office behind reception	600x60 0 PLL	55w	840	2	7	14	Electronic	Recessed	Integral	1	N/A	Tiles	2.3M	Steps	LED PANEL
Goodman House	Ground floor	Office behind reception	GU10 50W	50w	840	1	4	4	Electronic	Recessed	Integral	2	N/A	Tiles	2.3M	Steps	LED DOWNLIGHTER
Goodman House	Ground floor	Corridor	600x60 0 PLL	55w	840	2	7	14	Electronic	Recessed	Integral	4	2	Tiles	2.3M	Steps	LED PANEL
Goodman House	Ground floor	WW meeting room	600x60 0 PLL	55w	840	2	2	4	Electronic	Recessed	N/A	N/A	N/A	Tiles	2.3M	Steps	LED PANEL
Goodman House	Ground floor	WW conference room	600x60 0 PLL	40w	840	2	9	18	Electronic	Recessed	Integral	2	N/A	Tiles	2.3M	Steps	LED PANEL
Goodman House	Ground floor	WW main office	600x60 0 PLL	40w	840	2	56	112	Electronic	Recessed	Integral	10	13	Tiles	2.3M	Steps	LED PANEL
Goodman House	Ground floor	WW meeting room 2	600x60 0 PLL	40w	840	2	2	4	Electronic	Recessed	Integral	1	N/A	Tiles	2.3M	Steps	LED PANEL
Goodman	Ground	Data room	600x60	40	840	2	1	2	Electronic	Recessed	Integral	2		Tiles	2.3M	Steps	LED PANEL

House	floor		0 PLL														
Goodman House	Ground floor	WW meeting room 3	600x60 0 PLL	40w	840	2	2	4	Electronic	Recessed	Integral	1	N/A	Tiles	2.3M	Steps	LED PANEL
Goodman House	Ground floor	WW meeting room 4	600x60 0 PLL	40w	840	2	2	4	Electronic	Recessed	Integral	1	N/A	Tiles	2.3M	Steps	LED PANEL
Goodman House	Ground floor	Stairs (back)	2FT T8	18w T8	840	4	4	16	Electronic	Recessed	SA	2	N/A	Tiles	2.3M	Steps	LED PANEL
Goodman House	First floor	All offices	600x60 0 PLL	40w	840	2	195	390	Electronic	Recessed	Integral	32	35	Tiles	2.3M	Steps	LED PANEL
Goodman House		stairs	2FT T8	18w	840	4	4	16	Electronic	recessed louvred	SA	2	N/A	Tiles	2.3M	Steps	LED PANEL
Goodman House	Stairwell	Lobbies	PLC 32W	32w	840	2	21	42	Electronic	Recessed	Integral	1	N/A	Tiles	2.3M	Steps	LED DOWNLIGHTER
Goodman House	2nd floor	EW meeting room 1	600x60 0 PLL	40w	840	2	2	4	Electronic	Recessed	N/A	N/A	N/A	Tiles	2.3M	Steps	LED PANEL
Goodman House	2nd floor	EW main office	600x60 0 PLL	40w	840	2	74	148	Electronic	Recessed	Integral	15	14	Tiles	2.3M	Steps	LED PANEL
Goodman House	2nd floor	EW meeting room 2	600x60 0 PLL	40w	840	2	3	6	Electronic	Recessed	Integral	1	N/A	Tiles	2.3M	Steps	LED PANEL
Goodman House	2nd floor	EW conferencr room	600x60 0 PLL	40w	840	2	6	12	Electronic	Recessed	Integral	2	N/A	Tiles	2.3M	Steps	LED PANEL
Goodman House	2nd floor	Large conference room	600x60 0 PLL	40w	840	2	9	18	Electronic	Recessed	Integral	2	N/A	Tiles	2.3M	Steps	LED PANEL
Goodman House	2nd floor	WW conference room	600x60 0 PLL	40w	840	2	9	18	Electronic	Recessed	Integral	2	N/A	Tiles	2.3M	Steps	LED PANEL
Goodman House	2nd floor	WW main office	600x60 0 PLL	40w	840	2	97	194	Electronic	Recessed	Integral	16	18	Tiles	2.3M	Steps	LED PANEL
Goodman House	2nd floor	Corridor	600x60 0 PLL	40w	840	2	8	16	Electronic	Recessed	Integral	3	2	Tiles	2.3M	Steps	LED PANEL
Goodman House	Ground floor	Corridor	600x60 0 PLL	40w	840	2	14	28	Electronic	Recessed	Integral	1	3	Tiles	2.3M	Steps	LED PANEL
Goodman House	Ground floor	EW main office	600x60 0 PLL	40w	840	2	95	190	Electronic	Recessed	Integral	13	16	Tiles	2.3M	Steps	LED PANEL
Mulberry Tree		Reception	4FT T8	36w	840	1	4	4		Surface mounted	SA	1	N/A	Solid	2.3M	Steps	4FT LED BATTEN FITTING
Mulberry Tree		Reception	2FT T8	18w	840	1	2	2		Surface mounted	SA	1	N/A	Solid	2.3M	Steps	2FT LED BATTEN FITTING
Mulberry Tree		Kitchen	5FT T8	58w	840	1	4	4		Surface mounted	SA	1	N/A	Solid	2.3M	Steps	5FT LED BATTEN FITTING
Mulberry Tree		Office	5FT T8	58w	840	1	3	3		Surface mounted cat2	SA	1	N/A	Solid	2.3M	Steps	5FT LED BATTEN FITTING
Mulberry Tree		Acorn room	5FT T8	58w	840	1	3	3		Surface mounted	SA	1	N/A	Solid	2.3M	Steps	5FT LED BATTEN FITTING
Mulberry Tree		Acorn room	4FT T8	36w	840	1	1	1		Surface	SA	n/a	N/A	Solid	2.3M	Steps	4FT LED BATTEN FITTING

										mounted							
Mulberry Tree		Acorn room	2D 16W	16w	840	1	1	1		Surface mounted	SA	n/a	N/A	Solid	2.3M	Steps	LUCECO LED BULKHEAD
Mulberry Tree		Bluebell	5FT T8	58w	840	1	2	2		Surface mounted	SA	1	N/A	Solid	2.3M	Steps	5FT LED BATTEN FITTING
Mulberry Tree		Reception	5FT T8	58w	840	1	11	11		Surface mounted	SA	3	N/A	Solid	2.3M	Steps	5FT LED BATTEN FITTING
Mulberry Tree		Disabled toilet	2D 28W	28w	840	1	1	1		Surface mounted	SA	n/a	N/A	Solid	2.3M	Steps	LUCECO LED BULKHEAD
Mulberry Tree		Bathroom	5FT T8	58w	840	1	1	1		Surface mounted IP65	SA	n/a	N/A	Solid	2.3M	Steps	5FT LED BATTEN FITTING
Mulberry Tree		Baby unit	4FT T8	36we	840	1	1	1		Surface mounted baton	SA	n/a	N/A	Solid	2.3M	Steps	4FT LED BATTEN FITTING
Mulberry Tree		Games room	5FT T8	58w	840	1	9	9		Surface mounted	SA	3	N/A	Solid	2.3M	Steps	5FT LED BATTEN FITTING
Mulberry Tree		Squirrels	5FT T8	58w	840	1	6	6		Surface mounted	SA	2	N/A	Solid	2.3M	Steps	5FT LED BATTEN FITTING
Mulberry Tree		Toilets	4FT T8	36w	840	1	3	3		Surface mounted	SA	1	N/A	Solid	2.3M	Steps	4FT LED BATTEN FITTING
Mulberry Tree		The Den	5FT T8	58w	840	1	3	3		Surface mounted	SA	1	N/A	Solid	2.3M	Steps	5FT LED BATTEN FITTING
Mulberry Tree		Kitchen	2D 28W	28w	840	1	1	1		Surface mounted	SA	1	N/A	Solid	2.3M	Steps	LUCECO LED BULKHEAD
Mulberry Tree		Garden room	5FT T8	58w	840	1	3	3		surface mounted	SA	1					5FT LED BATTEN FITTING
Mulberry Tree		Corridor	4FT T8	36w	840	1	5	5		surface mounted	SA	2					4FT LED BATTEN FITTING
Rayleigh Library		Office	600x60 0 PLL	55w	840	2	16	32		Recessed	Integral	1	N/A	Tiles	2.5M	Steps	LED PANEL
Rayleigh Library		Locker area	600x60 0 PLL	55w	840	2	2	4		Recessed	N/A	N/A	N/A	Tiles	2.5M	Steps	LED PANEL
Rayleigh Library		Toilets	2D 28W	28w	840	1	4	4		Surface mounted	Integral	2	N/A	Solid	2.5M	Steps	LUCECO LED BULKHEAD
Rayleigh Library		Staff room	600x60 0 PLL	55w	840	2	4	8		Recessed	N/A	N/A	N/A	Tiles	2.5M	Steps	LED PANEL
Rayleigh Library		Cpoier area	600x60 0 PLL	55w	840	2	4	8		Recessed	Integral	1	N/A	Tiles	2.5M	Steps	LED PANEL
Rayleigh Library		Back of garage	6FT T8	70w	840	1	1	1		Sureface baton	N/A	N/A	N/A	Tiles	2.5M	Steps	6FT LED BATTEN FITTING
Rayleigh Library		Garage	5FT T8	58w	840	1	6	6		Surface IP65	N/A	N/A	1	Solid	3M	Tall steps	5FT LED BATTEN FITTING
Rayleigh Library		Garage	2D 28W	28w	840	1	6	6		Surface mounted	N/A	N/A	N/A	Solid	3M	Steps	LUCECO LED BULKHEAD
Rayleigh Library		Workshop	5FT T8	58w	840	2	8	16		Surface IP65	N/A	N/A	N/A	Solid	3M	Tall steps	5FT LED BATTEN FITTING
Rayleigh Library		Boiler room	5FT T8	58w	840	2	5	10		Surface IP65	Integral	1	N/A	Solid	2.5M	Steps	5FT LED BATTEN FITTING
Rayleigh Library		Storage next to boiler room	6FT T8	70w	840	1	1	1		Surface baton	N/A	N/A	N/A	Solid	2.5M	Steps	6FT LED BATTEN FITTING

Rayleigh Library		Storage next to boiler room	GLS 60W	60w	840	1	3	3		Surface	N/A	N/A	N/A	Solid	2M	Steps	LED DOWNLIGHTER
Rayleigh Library		Electrical cupboard	6FT T8	70w	840	1	1	1		Surface baton	N/A	N/A	N/A	Solid	2.5M	Steps	6FT LED BATTEN FITTING
Rayleigh Library		Lobby	6FT T8	70w	840	2	9	18		Surface louvred	N/A	N/A	N/A	Solid	2.5M	Steps	6FT LED BATTEN FITTING
Rayleigh Library		Library ceiling	600x60 0 PLL	55w	840	2	82	164		Recessed	Integral	7	N/A	Tiles	2.5M	Steps	LED PANEL
Rayleigh Library		Library ceiling	5FT T8	58w	840	1	4	4		Suspended track	N/A	N/A	N/A	Tiles	2M	Steps	5FT LED BATTEN FITTING
Witham Library	Entrance		600x60 0 PLL	18	840	2	2	4	SS	Recessed	N/A	N/A	N/A	Solid	2.5M	Steps	LED PANEL
Witham Library	Entrance		600x60 0 PLL	40w	840	2	16	32		Recessed	N/A	N/A	N/A	Tiles	2.3M	Steps	LED PANEL
Witham Library	Entrance		600x60 0 PLL	55w	840	2	11	22		Recessed	N/A	N/A	N/A	Tiles	2.3M	Steps	LED PANEL
Witham Library	Ground floor	Registrars office	5FT T5	35w	840	2	1	2		Surface mounted	N/A	N/A	N/A	Tiles	2.3M	Steps	5FT LED BATTEN FITTING
Witham Library	Ground floor	Store room	PLC 36W	36w	840	2	1	2		Recessed	N/A	N/A	N/A	Tiles	2.3M	Steps	LED DOWNLIGHTER
Witham Library	Ground floor	Store room	600x60 0 PLL	55w	840	2	1	2		recessed	N/A	N/A	N/A	Tiles	2.3M	Steps	LED PANEL
Witham Library	Ground floor	Over desk	5FT T5	35w	840	2	2	4		Suspended	N/A	N/A	N/A	Solid	2.3M	Steps	5FT LED BATTEN FITTING
Witham Library	Ground floor		MBFU 80W	80w	840	1	6	6		Suspended	N/A	N/A	N/A	Solid	6M	Scaffold	No Change
Witham Library	Ground floor	main ceiling	6FT T8	70w	840	2	29	58		Surface mounted	N/A	N/A	N/A	Solid	2.3M	steps	6FT LED BATTEN FITTING
Witham Library	Ground floor		600x60 0 PLL	55w	840	2	6	12		Wall mounted	N/A	N/A	N/A	N/A	2.3M	steps	LED PANEL
Witham Library	First floor	Main ceiling	600x60 0 PLL	55w	840	2	47	94		Recessed	Integral	5	N/A	Tiles	3.5m	A frame	LED PANEL
Witham Library	First floor	main ceiling	600x60 0 PLL	40w	840	2	40	80		Recessed	Integral	7	N/A	Tiles	3.5m	A frame	LED PANEL
Witham Library	First floor	main ceiling	4FT T8	36w	840	2	2	4		Surface baton	N/A	N/A	N/A	Tiles	2.3m	Steps	4FT LED BATTEN FITTING
Witham Library	First floor	Staff area	2D 28W	28w	840	1	3	3		Surface mounted	N/A	N/A	N/A	Tiles	2.3M	Steps	LUCECO LED BULKHEAD
Witham Library	First floor	Staff area	6FT T8	70w	840	1	1	1		Surface mounted	N/A	N/A	N/A	Tiles	2.3M	Steps	6FT LED BATTEN FITTING
Witham Library	First floor	Staff area	5FT T5	35w	840	2	2	4		Surface mounted	N/A	N/A	N/A	Tiles	2.3M	Steps	5FT LED BATTEN FITTING
Witham Library	First floor	Staff area	5FT T8	58w	840	2	2	4		suspended	N/A	N/A	N/A	Tiles	2.3M	Steps	5FT LED BATTEN FITTING
Witham Library	First floor	Staff area	8FT T12	125w	840	1	2	2		Surface mounted	N/A	N/A	N/A	Tiles	2.3M	Steps	6FT LED BATTEN FITTING
Witham Library	First floor	Staff area	6FT T8	70w	840	2	5	10		Surface mounted	N/A	N/A	N/A	Tiles	2.3M	Steps	6FT LED BATTEN FITTING
Witham Library	First floor	Stairs	4FT T8	36w	840	1	10	10		Surface mounted	N/A	N/A	N/A	Tiles	2.3M	Steps	4FT LED BATTEN FITTING
Witham Library	First floor	D.Sayers centre	6FT T8	70w	840	2	3	6		Surface mounted	N/A	N/A	N/A	Tiles	2.3M	Steps	6FT LED BATTEN FITTING

Witham Library	First floor	Staff room	2D 28W	28w	840	1	6	6		Surface mounted	N/A	N/A	N/A	N/A	2.3M	Steps	LUCECO LED BULKHEAD
Witham Library	First floor	Staff toilets	2D 28W	28w	840	1	2	2		Surface mounted	N/A	N/A	N/A	N/A	2.3M	Steps	LUCECO LED BULKHEAD
Witham Library	First floor	Staff toilets	4FT T8	36w	840	2	2	4		Surface mounted	N/A	N/A	N/A	N/A	2.3M	Steps	4FT LED BATTEN FITTING
Witham Library	First floor	Staff toilets	4FT T8	36w	840	1	1	1		Surface mounted	N/A	N/A	N/A	N/A	2.3M	Steps	4FT LED BATTEN FITTING
Witham Library	First floor	Staff toilets	GLS 60W	60w	840	1	2	2		Surface mounted	N/A	N/A	N/A	N/A	2.3M	Steps	LED DOWNLIGHTER
Witham Library	First floor	Toilets	2D 16W	16w	840	1	3	3		Surface mounted	N/A	N/A	N/A	N/A	2.3M	Steps	LUCECO LED BULKHEAD
Witham Library	First floor	Toilets	4FT T12	40w	840	2	3	6		Surface mounted	N/A	N/A	N/A	N/A	2.3M	Steps	4FT LED BATTEN FITTING
Witham Library	Second floor	Computer room	6FT T8	70w	840	2	4	8		Surface mounted	N/A	N/A	N/A	N/A	2.3M	Steps	6FT LED BATTEN FITTING

Pricing and energy savings:

Witham Library

SUMMARYS OF INVESTMENT & PAYBACK

Net Cost of Energy Efficiency Project			£ 16,763.85
Existing Load	24.00	kW	
Proposed Load	7.27	kW	
Existing Consumption	67397.62	kWh	
Proposed Consumption	20411.35	kWh	
Saving	46986.26	kWh	
CO2 Reduction	25.57	Tonnes	
Energy Saving	£5,168.49		
Carbon Commitment Saving	£424.46		
Climate Change Levy Saving	£266.88		
TOTAL SAVING			£5,859.83

Payback on project without finance, with VAT **2.86** **Years**

QUOTATION

Item	Qty	Unit	Total
LED Panel	111	£ 69.46	£ 7,709.65
Luceco LED Bulkhead	14	£ 48.31	£ 676.39
4FT LED BATTEN FITTING	18	£ 71.00	£ 1,277.99
5FT LED BATTEN FITTING	7	£ 76.88	£ 538.19
6FT LED BATTEN FITTING	44	£ 88.66	£ 3,900.88
LED Downlighter	3	£ 45.60	£ 136.80
Access	1	£ 833.33	£ 833.33
LED Panel E3	12	£ 140.88	£ 1,690.62
Total			£ 16,763.85

Rayleigh Library

SUMMARYS OF INVESTMENT & PAYBACK

Net Cost of Energy Efficiency Project			£	11,864.30
Existing Load		17.18		kW
Proposed Load		5.14		kW
Existing Consumption		48227.40		kWh
Proposed Consumption		14435.93		kWh
Saving		33791.47		kWh
CO2 Reduction		18.39		Tonnes
Energy Saving		£3,717.06		
Carbon Commitment Saving		£305.26		
Climate Change Levy Saving		£191.94		
TOTAL SAVING			£4,214.26	

Payback on project without finance, with VAT	2.82	Years
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QUOTATION

Item	Qty	Unit	Total
LED Panel	99	£ 69.46	£ 6,876.18
Luceco LED Bulkhead	8	£ 48.31	£ 386.51
5FT LED BATTEN FITTING	22	£ 76.88	£ 1,691.47
6FT LED BATTEN FITTING	12	£ 88.66	£ 1,063.88
LED Downlighter	3	£ 45.60	£ 136.80
LED Panel E3	9	£ 140.88	£ 1,267.96
LED Bulkhead E3	2	£ 146.60	£ 293.20
5FT Batten fitting E3	1	£ 148.31	£ 148.31
Total			£ 11,864.30

Mulberry Tree

SUMMARYS OF INVESTMENT & PAYBACK

Net Cost of Energy Efficiency Project			£	4,728.98
Existing Load		3.86		kW
Proposed Load		2.52		kW
Existing Consumption		10845.90		kWh
Proposed Consumption		7076.16		kWh
Saving		3769.74		kWh
CO2 Reduction		2.05		Tonnes
Energy Saving		£414.67		
Carbon Commitment Saving		£34.05		
Climate Change Levy Saving		£21.41		
TOTAL SAVING			£470.14	

Payback on project without finance, with VAT **10.06** **Years**

QUOTATION

Item	Qty	Unit	Total
Luceco LED Bulkhead	3	£ 48.31	£ 144.94
2FT LED BATTEN FITTING	2	£ 65.11	£ 130.23
4FT LED BATTEN FITTING	14	£ 71.00	£ 993.99
5FT LED BATTEN FITTING	45	£ 76.88	£ 3,459.82
Total			£ 4,728.98

Goodman House

SUMMARYS OF INVESTMENT & PAYBACK

Net Cost of Energy Efficiency Project			£	52,977.99
Existing Load		58.59		kW
Proposed Load		19.09		kW
Existing Consumption		164509.49		kWh
Proposed Consumption		53590.68		kWh
Saving		110918.81		kWh
CO2 Reduction		60.36		Tonnes
Energy Saving		£12,201.07		
Carbon Commitment Saving		£1,002.01		
Climate Change Levy Saving		£630.02		
TOTAL SAVING			£13,833.10	

Payback on project without finance, with VAT **3.83** **Years**

QUOTATION

Item	Qty	Unit	Total
LED Panel	499	£ 69.46	£ 34,658.72
6FT LED BATTEN FITTING	5	£ 88.66	£ 443.28
LED Downlighter	47	£ 45.60	£ 2,143.16
LED Panel E3	109	£ 140.88	£ 15,356.46
Downlighter E3	3	£ 125.46	£ 376.37
Total			£ 52,977.99

County Hall

SUMMARYS OF INVESTMENT & PAYBACK

Net Cost of Energy Efficiency Project			£ 37,893.33
Existing Load	48.15	kW	
Proposed Load	16.66	kW	
Existing Consumption	135193.69	kWh	
Proposed Consumption	46793.07	kWh	
Saving	88400.61	kWh	
CO2 Reduction	48.11	Tonnes	
Energy Saving	£9,724.07		
Carbon Commitment Saving	£798.59		
Climate Change Levy Saving	£502.12		
TOTAL SAVING			£11,024.77

Payback on project without finance, with VAT	3.44	Years
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QUOTATION

Item	Qty	Unit	Total
LED Panel	230	£ 69.46	£ 15,974.96
4FT LED BATTEN FITTING	68	£ 71.00	£ 4,827.95
5FT LED BATTEN FITTING	28	£ 76.88	£ 2,152.78
6FT LED BATTEN FITTING	88	£ 88.66	£ 7,801.76
LED Downlighter	79	£ 45.60	£ 3,602.34
LED Panel E3	23	£ 140.88	£ 3,240.35
LED Bulkhead E3	2	£ 146.60	£ 293.20
Total			£ 37,893.33

Billericay

SUMMARYS OF INVESTMENT & PAYBACK

Net Cost of Energy Efficiency Project			£	13,166.77
Existing Load	19.34	kW		
Proposed Load	5.78	kW		
Existing Consumption	54296.89	kWh		
Proposed Consumption	16238.66	kWh		
Saving	38058.23	kWh		
CO2 Reduction	20.71	Tonnes		
Energy Saving	£4,186.41			
Carbon Commitment Saving	£343.81			
Climate Change Levy Saving	£216.17			
TOTAL SAVING				£4,746.38

Payback on project without finance, with VAT	2.77	Years
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QUOTATION

Item	Qty	Unit	Total
LED Panel	133	£ 69.46	£ 9,237.69
Luceco LED Bulkhead	12	£ 48.31	£ 579.76
5FT LED BATTEN FITTING	5	£ 76.88	£ 384.42
6FT LED BATTEN FITTING	24	£ 88.66	£ 2,127.75
LED Downlighter	6	£ 45.60	£ 273.60
LED Panel E3	4	£ 140.88	£ 563.54
Total			£ 13,166.77

Clacton

SUMMARYS OF INVESTMENT & PAYBACK

Net Cost of Energy Efficiency Project			£ 18,328.57
Existing Load	19.14	kW	
Proposed Load	7.47	kW	
Existing Consumption	53733.33	kWh	
Proposed Consumption	20972.95	kWh	
Saving	32760.37	kWh	
CO2 Reduction	17.83	Tonnes	
Energy Saving	£3,603.64		
Carbon Commitment Saving	£295.95		
Climate Change Levy Saving	£186.08		
TOTAL SAVING			£4,085.67

Payback on project without finance, with VAT	4.49	Years
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QUOTATION

Item	Qty	Unit	Total
LED Panel	64	£ 69.46	£ 4,445.21
Luceco LED Bulkhead	3	£ 48.31	£ 144.94
LED TRACK MOUNTED SPOT	6	£ 108.14	£ 648.85
4FT LED BATTEN FITTING	11	£ 71.00	£ 780.99
5FT LED BATTEN FITTING	60	£ 76.88	£ 4,613.10
6FT LED BATTEN FITTING	28	£ 88.66	£ 2,482.38
LED Downlighter	24	£ 45.60	£ 1,094.38
LED Panel E3	7	£ 140.88	£ 986.19
LED Bulkhead E3	17	£ 146.60	£ 2,492.19
6FT Batten fitting E3	4	£ 160.08	£ 640.34
Total			£ 18,328.57

Braintree

SUMMARYS OF INVESTMENT & PAYBACK

Net Cost of Energy Efficiency Project			£	13,035.46
Existing Load	9.84	kW		
Proposed Load	2.92	kW		
Existing Consumption	27642.79	kWh		
Proposed Consumption	8210.59	kWh		
Saving	19432.20	kWh		
CO2 Reduction	10.58	Tonnes		
Energy Saving	£2,137.54			
Carbon Commitment Saving	£175.55			
Climate Change Levy Saving	£110.37			
TOTAL SAVING				£2,423.46

Payback on project without finance, with VAT **5.38** **Years**

QUOTATION

Item	Qty	Unit	Total
LED Panel	28	£ 69.46	£ 1,944.78
Luceco LED Bulkhead	18	£ 48.31	£ 869.64
2FT LED BATTEN FITTING	54	£ 65.11	£ 3,516.13
4FT LED BATTEN FITTING	28	£ 71.00	£ 1,987.98
5FT LED BATTEN FITTING	4	£ 76.88	£ 307.54
LED Downlighter	12	£ 45.60	£ 547.19
Access	1	£ 833.33	£ 833.33
LED Panel E3	9	£ 140.88	£ 1,267.96
LED Bulkhead E3	11	£ 146.60	£ 1,612.59
5FT Batten fitting E3	1	£ 148.31	£ 148.31
Total			£ 13,035.46

Overall

SUMMARYS OF INVESTMENT & PAYBACK

Net Cost of Energy Efficiency Project			£ 168,759.25
Existing Load	200.09	kW	
Proposed Load	66.86	kW	
Existing Consumption	561847.10	kWh	
Proposed Consumption	187729.40	kWh	
Saving	374117.70	kWh	
CO2 Reduction	203.59	Tonnes	
Energy Saving	£41,152.95		
Carbon Commitment Saving	£3,379.67		
Climate Change Levy Saving	£2,124.99		
TOTAL SAVING			£46,657.61

Payback on project without finance, with VAT **3.62** **Years**

QUOTATION

Item	Qty	Unit	Total
LED Panel	1164	£ 69.46	£ 80,847.19
Luceco LED Bulkhead	58	£ 48.31	£ 2,802.18
LED TRACK MOUNTED SPOT	6	£ 108.14	£ 648.85
2FT LED BATTEN FITTING	56	£ 65.11	£ 3,646.36
4FT LED BATTEN FITTING	139	£ 71.00	£ 9,868.89
5FT LED BATTEN FITTING	171	£ 76.88	£ 13,147.32
6FT LED BATTEN FITTING	201	£ 88.66	£ 17,819.93
LED Downlighter	174	£ 45.60	£ 7,934.26
LED Panel E3	173	£ 140.88	£ 24,373.09
LED Bulkhead E3	32	£ 146.60	£ 4,691.17
Downlighter E3	3	£ 125.46	£ 376.37
5FT Batten fitting E3	2	£ 148.31	£ 296.63
6FT Batten fitting E3	4	£ 160.08	£ 640.34
Total			£ 168,759.25

Ideal delivery partner

We are committed to working with you to develop a solution which is in keeping with your own bespoke objectives.

I hope that this has provided you with the information that you need in order to progress the opportunity and I look forward to discussing this with you in the near future.

Please do not hesitate to contact me should you require any further information.

Kind Regards

Steve Hemsworth

Steve Hemsworth,

Business Development Manager,

Phone: 07771530980

Email: Steve.hemsworth@mitie.com

- Quotation remains valid for 30 days from issue
- Prices quoted are exclusive of VAT
- Invoice will be raised on completion and payment terms are 30 days.
- Mitie's standard terms & conditions of sale apply.



to contact us....

Steve Hemsworth

Business Development Manager

Phone: 07771530980

Email: steve.hemsworth@mitie.com

Web: www.mitie.com